

# DELABIE



PUBLIC &  
COMMERCIAL  
PLACES

2023/2024

# DELABIE

UK RECOMMENDED PRICE EXCL. VAT  
FROM 01/01/2023 TO 31/12/2023  
These prices may be subject to change

## CONTACTS

### HEAD OFFICE & PRODUCTION SITE

18, rue du Maréchal Foch  
80130 Friville  
FRANCE

### UK OFFICE

Henderson House  
Hithercroft Road  
Wallingford  
Oxon  
OX10 9DG

[delabie.co.uk](http://delabie.co.uk)

Please contact our Sales Team for details of your local Sales Representative (13 Area Sales Managers cover the UK market).

### SALES

Tel. 01491 824449  
Fax 01491 825727  
[orders@delabie.co.uk](mailto:orders@delabie.co.uk)

### COMMERCIAL ADVICE SPECIFICATION SUPPORT

Tel. 01491 526820  
Fax 01491 825727  
[commercial.advice@delabie.co.uk](mailto:commercial.advice@delabie.co.uk)

### QUOTES & PROJECTS

Tel. 01491 821822  
Fax 01491 825727  
[quotes@delabie.co.uk](mailto:quotes@delabie.co.uk)

### TECHNICAL SUPPORT

Tel. 01491 821821  
Fax 01491 825727  
[technical@delabie.co.uk](mailto:technical@delabie.co.uk)



Certification  
ISO 9001: 2015  
quality management  
systems

### ACS

**Certificate of Sanitary Conformity.**  
All DELABIE products conform to the CPDW\* directive modified 29/05/1997, and the French Ministry of Health circular DGS/SD7A2002 no. 571 dated 25/11/2002.

\* Construction Products in Contact with Drinking Water (European Commission).

# delabie.co.uk available features



SUITABLE FOR TABLETS AND SMARTPHONES



## CREATE A PERSONALISED CATALOGUE

Create your own catalogue using your own product selection.

You can personalise it by giving it a project name and description, by choosing the order for the products to appear and by adding lifestyle images.

This catalogue will then be available in Word, PDF and Excel formats.



## BIM: DELABIE'S CORE PRODUCTS ARE NOW AVAILABLE

To meet the requirements of BIM technology, DELABIE has modelled its core products.

Available in 3 formats - REVIT, IFC and ARCHICAD, the files can be downloaded via the relevant product data sheet or via datashare.

The list of references available in BIM format is available in Our Services - BIM Files.



## TRENDS THE MAGAZINE: THE DESIGN TRENDS TAB

Browse the "Trends by DELABIE" magazine intended for those who are passionate about Design and the art of the "Beautiful".

Discover the 4 universes of "Trends" with major international projects, specification trends as well as interviews with prominent designers and architects who talk about their projects and their passions.

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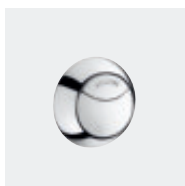
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## WATER SAVINGS

### Water, a precious resource

Water bills are increasing due to the scarcity of water and the increasing costs of treatment and redistribution. In developed countries, average **water consumption** per person has **multiplied by 10 in a century** and doubled in the last 30 years (Source: Centre for Information about Water, France).

In **public and commercial places**, the average consumption is 50% higher than for domestic use. It represents **200 litres per day, per person**. In some specific environments (hospitals, hydrotherapy centres, etc.) it can even exceed 500 litres per day, per person. In these environments the users' behaviour is different as they are not the ones who pay. Any malfunctions or leaks in public and commercial places take longer to be reported and fixed than in a domestic household.

### Lowering water consumption

For better control of water consumption, the flow rates of DELABIE's water controls are among the lowest in the world: **3 lpm** for basins and **6 lpm** for showers.

Split delivery around soaping and automatic shut-off systems remove the risk of waste through user negligence. The time flow on basin controls is limited to **7 seconds**.

The WCs' intelligent **3L/6L dual flush**, the urinals' **3-second** flush or the electronic urinals' **high-frequency mode**, are all examples of ways to optimise water consumption.

All these DELABIE solutions and systems ensure **significant water and energy savings**, without compromising efficiency or user comfort.

### Example of annual water savings

	Airport	Service station	Offices
Number of basins	1,500	20	125
Number of uses / day	600	250	30
Number of days open / year	365	365	230
Consumption / year (domestic 9 lpm)	1,576,800m <sup>3</sup>	8,760m <sup>3</sup>	4,140m <sup>3</sup>
Consumption / year (DELABIE 3 lpm)	197,100m <sup>3</sup>	1,095m <sup>3</sup>	518m <sup>3</sup>
<b>Annual savings Excluding VAT</b>	<b>£9,657,900</b>	<b>£53,655</b>	<b>£25,354</b>

Average price per m<sup>3</sup> of mixed water in the UK: £7 excl. VAT. See water consumption comparison page 19.

## ENVIRONMENTAL LABELS

DELABIE's mixers and taps are designed for public and commercial places. Their performance level fully exceeds the highest standards required by accreditation schemes such as WELL, WEPLS, EU Ecolabel, European Water Label, etc. which are mostly concerned with domestic mixers and taps.

DELABIE is committed to the main environmental labels for buildings such as **BREEAM, LEED, HQE, etc.** Solutions for optimising flow rates and automatic shut-off are examples of ways to reduce water and energy consumption.

DELABIE's mixers and taps can help project managers achieve the highest performance levels for buildings within these schemes. *For more information see page 8.*

## DESIGN

### Commercial environments and design

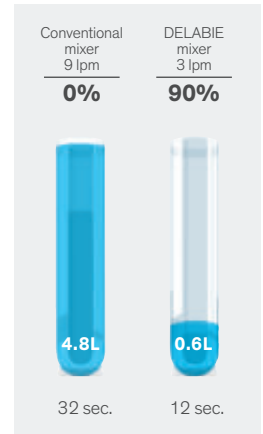
DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prisons, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

### Design without constraints

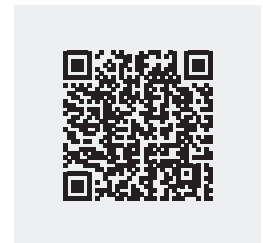
Aesthetic products are subject to less vandalism as they are better respected. The **smooth shape** of the mixers and taps reduces the build-up of dirt and facilitates cleaning. Easy but secure access to the control mechanisms provides easy maintenance.



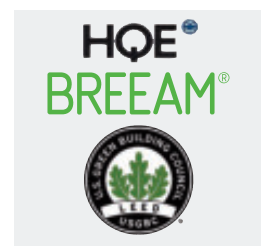
Water saving per use (electronic basins)



Optimal time flow (basins)



Discover our water savings video



Building ratings



Timeless design

## COMFORT AND ERGONOMICS



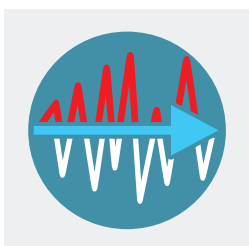
Soft-touch operation



No manual contact



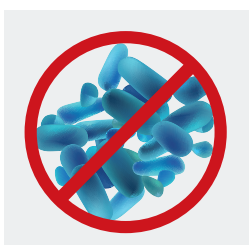
Anti-scalding safety



Temperature stability



Reducing the risk of harm



System hygiene

### Adapting to each individual

DELABIE's products are suitable for **all types of public and commercial places**: schools, airports, offices, service stations, restaurants, etc.

The solutions are designed for all types of user regardless of their age, culture, or level of independence: the use of DELABIE's products is intuitive.

Some models incorporate automated features.

### Preserving user comfort

Washrooms in public and commercial places should provide the user with the **same level of comfort found at home**.

Thermostatic controls deliver water at a **stable temperature**. The progressive temperature lever ensures safe temperature control. **Soft-touch operation** or **automatic** systems are easy for the elderly, disabled people or children to use. Direct flush valves have a **low acoustic level** and comply with the European standard EN 12541 class II. The shower head nozzles, regulated at only 6 lpm, and flow straighteners provide a comfortable water flow.

## A WIDE PRODUCT RANGE

A **diverse product range** enables DELABIE to meet the needs and requirements of public and commercial environments.

DELABIE's products fit **basins, showers, urinals** and **WCs**.

Water controls are available in various **different models**: deck-mounted, wall-mounted, recessed or cross wall for the secure sector, for example. **Different technologies** are available: electronic, time flow, mechanical and instant controls.

Thermostatic mixers, anti-blocking systems, waterproof housings, soft-touch operation, etc., are amongst the examples of features adapted to specific uses.

## SAFETY

### Anti-scalding

The temperature of sanitary hot water found in systems is very high.

All DELABIE mixers are fitted with a maximum temperature limiter.

On thermostatic models, the **anti-scalding safety** instantly shuts off the supply of hot water in the event of cold water supply failure.

### Temperature stability

PREMIX and SECURITHERM **thermostatic mixers** regulate the temperature precisely. Even if there are pressure variations between the cold and hot water supplies, the temperature remains stable.

### Reducing the risk of harm

User safety is taken into account right from the product design stage. Rounded and de-burred edges prevent any risk of injury. The streamlined and sleek design provides additional security.

## HYGIENE

### Maximum user hygiene

Time flow and electronic controls offer maximum hygiene to users.

**No manual contact** after the valve shuts off, prevents the spread of germs by hand.

An automatic flush guarantees rinsing after each use. Good hygiene is ensured for the next user.

### System hygiene

Unused mixers or taps (isolated point-of-use, washrooms closed during the holidays, etc.) leads to water stagnation in the system and can cause the development and proliferation of bacteria. All DELABIE's electronic controls are fitted with a **duty flush** programme. An automatic flush activates every 24 hours after the last use.

In WCs with cisterns, stagnant water at ambient temperatures encourages the development of bacteria. **Direct flush** systems are one of many solutions for maximum hygiene in public and commercial places.

These different concepts offered mean that installations can comply with new European standards (German regulation Trinkwasser, French Directive of the 1<sup>st</sup> February 2010, etc.).







## VANDAL-RESISTANT

DELABIE's controls have been specifically made from durable materials such as brass, stainless steel and reinforced fibreglass to withstand voluntary and involuntary vandalism.

DELABIE's products have a sleek design to limit the possibility of being pulled off. To prevent abuse and waste, certain models are fitted with an **anti-blocking system (AB)**.

In areas with high levels of vandalism, **cross wall** or **recessed** models are ideal. The mechanisms and fixings cannot be accessed by the user.

## EASY TO INSTALL

To save time during installation, DELABIE's products are **quick to install** and **adjustments are kept to a minimum**.

Flow rates are pre-set at economical levels which prevent splashing and require no further adjustment, even for group installations.

Flow rates can still be adjusted to avoid excessive or insufficient pressure and/or achieve optimised levels for environmental labels.

Automatic flow rate regulation is integrated, for example, in the shower systems.

Shower panels are delivered ready to install. Basin mixers are supplied with flexibles that have pre-fitted stopcocks, filters and non-return valves.

## MINIMAL SERVICING

All mechanisms are made from **scale-resistant materials** and are **self-cleaning**. The timing systems are made from Hostaform® (a smooth material on which scale does not adhere).

Flow straighteners and shower head nozzles have a special system which reduces water retention and the build-up of scale.

All mixers/taps are supplied with **filters**, to protect the controls from impurities found in the system.

## SIMPLE TO MAINTAIN

Mechanisms are integrated in the one-piece modules. Access is easy with no need to remove the tap or valve, whilst guaranteeing resistance to vandalism.

Components are standardised and interchangeable. Electronic systems have integrated LEDs to aid diagnostic checks.

DELABIE's technical support is available to provide any assistance necessary. All installation guides are available online at [www.delabie.co.uk](http://www.delabie.co.uk).

## RELIABILITY

### Superior endurance

All products are subjected to endurance tests under extreme conditions in DELABIE's laboratories.

The products are designed specifically for intensive use in all types of public and commercial environments and in highly frequented places.

### Resistance to intensive use

The average lifespan of the batteries is as much as 350,000 cycles, i.e. **3 to 6 years**.

Time flow systems and solenoid valves are self-cleaning. Their lifespan is a minimum of **500,000 operations**. There is no metal-metal or metal-plastic friction, ensuring reliable and durable timing.

## WARRANTY

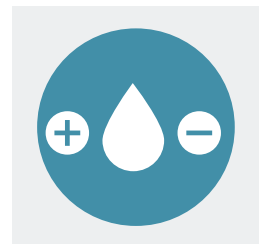
All DELABIE's time flow and electronic controls have a 10-year warranty against manufacturing defects.



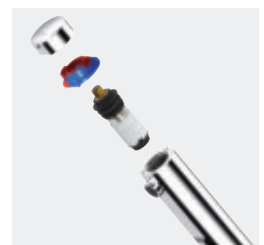
Vandal-resistant



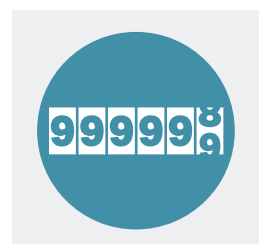
Anti-blocking system



Flow rate adjustment



Simple to maintain



Superior endurance



### ENVIRONMENTAL LABELS

Saving drinking water is a growing concern: to achieve green credentials for a building or, more generally, in an ecological context. [A suitable mixer, tap or valve ensures the sanitary quality of the water and its sustainable use.](#)

Today, many project owners want an accreditation for their building as solid proof of its environmental performance. Destined for accommodation, industrial or commercial use, the certified building sees its heritage value increase with a "sustainability stamp".

In the current context of global warming and the rising cost of energy resources, sustainable use of the building is synonymous with saving energy.

Reducing water consumption is also an integral part of achieving accreditation. These savings also help to reduce the energy bill by reducing the energy required to heat the water (it takes approximately 34kW to heat 1m<sup>3</sup> of water).

[DELABIE is committed to the environmental approach for buildings in accordance with the main environmental labels such as BREEAM, LEED, HQE, etc.](#)

DELABIE is also participating in the development of an environmental label as part of the [European Bathroom Forum](#). This label is voluntary and will come into effect when it is approved by the European Commission.



## THE ADVANTAGES OF SPECIALIST WATER CONTROLS FOR PUBLIC AND COMMERCIAL PLACES

The DELABIE Group, committed to preserving the future, contributes to sustainable development by **limiting the use of natural resources**.

### Water savings

DELABIE's water controls (electronic and time flow) reduce waste and prevent user neglect.

**Water volumes are optimised** to the necessary minimum without altering efficiency and comfort during use.

“**Choosing DELABIE products is choosing environmentally friendly products**”

**Water controls which shut-off automatically** reduce waste and prevent user neglect. This is achieved when hands are removed from the detection zone (for electronic controls) or after a timed flow (for time flow controls): 7 seconds for washbasins and WCs, 30 seconds for showers and 3 seconds for urinals.

For perfect optimisation of the water resource, **the flow rates** of water controls are **reduced** to 1.4 lpm for washbasins, 6 lpm for showers or 9L for urinals.

“**Automatic shut-off and reduced flow rates for better control of water consumption**”

WCs with 3L/6L dual flush, **adaptable flush programmes** on the electronic controls and **the high-frequency mode** on urinals are additional ways to save water.

“**DELABIE designs ecological water controls**”

DELABIE's water controls support **an environmental and ethical approach**

The first principle of saving water is to **prevent waste**

### GREEN time flow solutions

Time flow controls operate **independently** without electrical supply, therefore, they **do not consume any energy**.

“**Autonomous time flow controls**”

They are made from **sustainable materials that are 100% recyclable**.

They are equipped with **self-cleaning**, time flow mechanisms. Their lifespan exceeds 500,000 operations.

### Economical electronic solutions

DELABIE's electronic controls require **very little energy** to operate.

The battery-operated versions operate independently for **3 - 6 years** on average. They use standard, affordable and recyclable batteries.

“**Economical electronic water controls**”

### Effective direct flush system for WCs

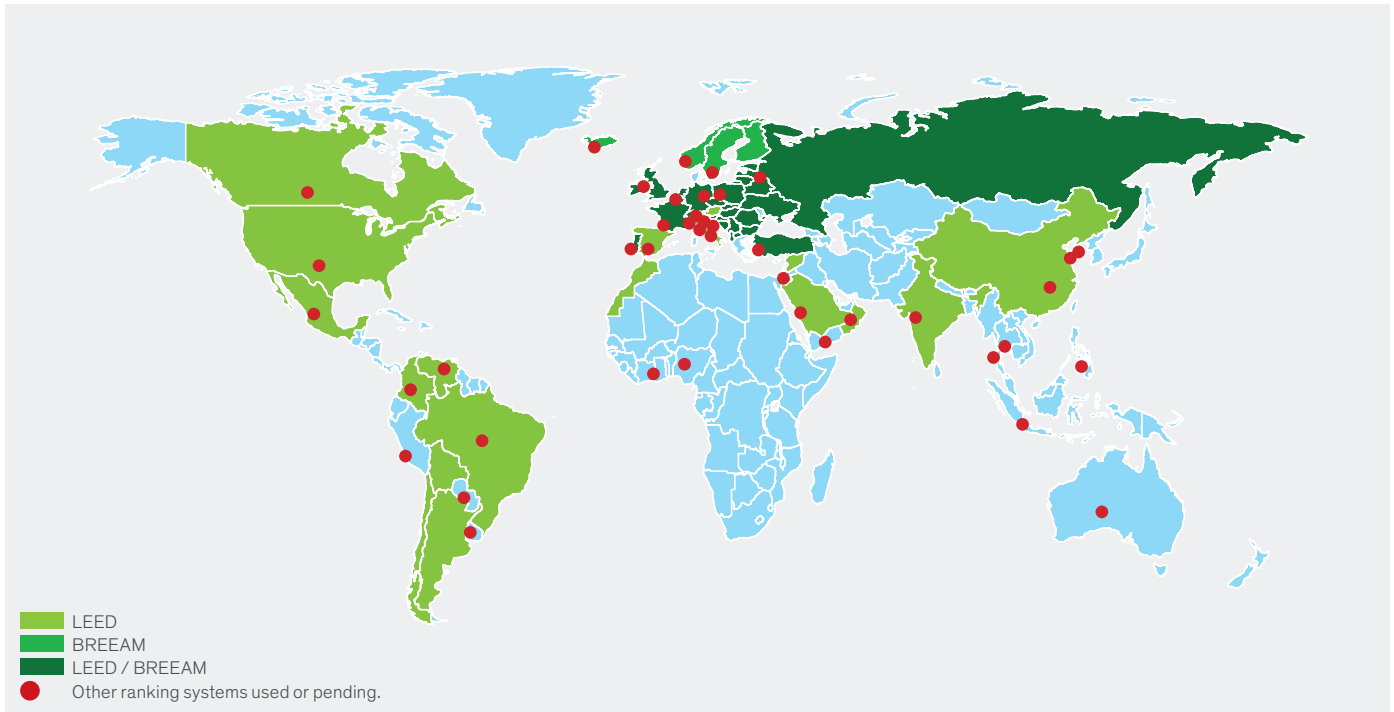
Flush valves consume a significant amount of water. Leaks from cisterns are practically invisible and can quickly inflate the water bill.

DELABIE develops **direct flush systems** without cisterns exclusively. Connected directly to the system, the flush is more effective, with no water stagnation and a reduced risk of leaks. The flush mechanisms are reinforced for intensive use.

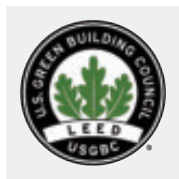
The **3L/6L dual flush, which can be adjusted to 2L/4L**, on the time flow versions help to reduce the water volume. Electronic water controls offer **intelligent flushing** which adapts to the required use.

### Sustainable water controls

In addition to their undeniable advantages in terms of sustainable development, they also provide guarantees of **reliability, simple maintenance** and **hygiene**.



## THE PRINCIPAL ACCREDITATION SCHEMES FOR BUILDINGS



### American LEED

Leadership in Energy and Environmental Design

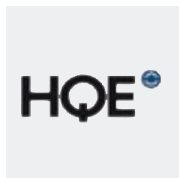
- High environmental quality buildings
- Global evaluation for buildings
- Credit system
- 4 levels of certification



### British BREEAM

BRE's Environmental Assessment Method

- Sustainable building development
- Environmental performance
- New buildings or refurbishment projects
- Credit system



### French HQE

"Haute Qualité Environnementale"

- Environmental approach
- Controlling the building's life cycle
- Points system
- 3 levels of performance



### Dutch BREEAM NL

BRE's Environmental Assessment Method

- Sustainable building development
- Environmental performance
- New buildings or refurbishment projects
- Credit system



### German DGNB

"Deutsche Gesellschaft für Nachhaltiges Bauen"

- Sustainable quality and building development
- Hydro-economic solutions
- New buildings
- Points systems with 3 levels of certification



### German BNB

"Bewertungssystem Nachhaltiges Bauen für Bundesgebäude"

- Sustainable approach
- Controlling the building's life cycle
- Public buildings
- Points systems with 3 levels of performance



### Middle Eastern ESTIDAMA

Sustainable development

- Sustainable way of life
- Methodology for building design
- Preservation of Abu Dhabi
- 3 levels of certification

## ENVIRONMENTAL LABELS

The performance levels of DELABIE's water controls, in terms of water and energy savings, help to achieve the highest levels of the international environmental labels.



## EUROPEAN AND GLOBAL CERTIFICATION

 <b>ACS</b> <b>ACS:</b> "Attestation de Conformité Sanitaire" CPDW directive Decree of 29 May 1997, amended Ministry of Health Circular DGS/SD7A2002 no. 571 of 25 November 2002	 <b>CE certification</b> for electronic controls: 2014/30/UE and 2014/35/UE directives	 <b>NF EN certification</b> French and European standards NF EN 816 NF EN 1111 NF EN 15091	 <b>Certification</b> <b>ISO 9001:</b> 2015 Quality Management System
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### The NF mark - SANITARY FITTINGS

Certificate of product conformity  
 - to the certification repository approved by CSTB and AFNOR  
 - to the additional technical requirements demanded by the market.

The products shown here comply with the French and European standard EN 816: taps/valves with automatic shut-off. *Decision no. 341-M1-21/2 of 3 November 2021* pronounced after tests undertaken in the CSTB laboratory.

#### Simple taps with automatic shut-off

Type of product	References	Acoustic class	Lap
L01 Basin	746000	I	7
L02 A Basin	745100	I	11

#### Mixers with automatic shut-off

Type of product	References	Acoustic class	Lap
M01 Shower	790000	II	27
M02 Basin	795000	I	11

 European Water Label (EU)	 TMV3 (UK)	 WRAS (UK)	 BELGAQUA (BE)	 WATERMARK (AU)	 KIWA (NL)
 DIN-DVGW (DE)	 SINTEF (NOR)	 PZH (PL)	 ZNAK BUDOWLANY B (PL)	 GA (HK)	 WELS (HK)



## WATER QUALITY: VARIOUS EUROPEAN MONITORING POLICIES

France, Germany, the United Kingdom and the majority of European countries, each has their own specific regulatory requirements for monitoring bacteria in water systems.

These regulations have a common premise (circulating loops, hot water temperatures, etc.) but they also have specific aspects that could provide inspiration for other countries.

In the majority of European countries **there is a legal obligation to safeguard the bacteriological quality of the water in the system by regular monitoring, sampling and analysis.** However, the methods, and subsequent follow-up action, differ.

In France, the search for **legionella** is obligatory. The Directive of 1<sup>st</sup> February 2010 identifies three levels of monitoring and sampling protocols. Since 1<sup>st</sup> January 2012, monitoring has been extended to all buildings open to the public. Germany has adopted the same threshold levels as France, while the United Kingdom is stricter: it conducts additional testing at levels over 100 Colony Forming Units per litre (CFU/L) and initiates curative procedures above 1,000 CFU/L.

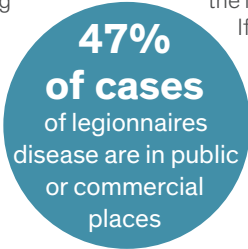
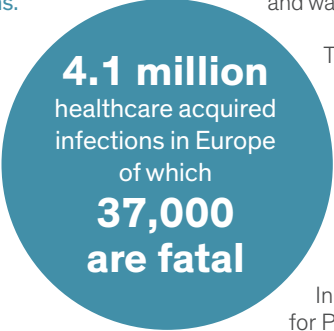
**Pseudomonas aeruginosa**, considered the third largest cause of fatal nosocomial infections, is also being monitored. In France there aren't any regulations. Nevertheless, the technical guide "*Water in healthcare establishments*", drawn up in 2005 by a working group under the aegis of the Ministry of Health, mentions the monitoring levels for *Bacillus pyocaneus* (*Pseudomonas*). This guide recommends quarterly checks of points where water is considered to be representative of the actual quality of distributed water.

The *Department of Health and Social Care* (DHSC), Ministry of Health for the United Kingdom, has addressed the issue of tap and water system contamination by this bacteria.

The *Health Technical Memorandum* (HTM 04-01), updated in 2017, provides guidance on best practice for monitoring and testing for these two pathogens, and identifying the level of contamination in water, to ensure compliance with current regulations. For *Pseudomonas aeruginosa*, action is initiated as soon as the alert level is reached, that is to say, above 1 CFU/100mL.

In Germany, in the framework of monitoring for *Pseudomonas aeruginosa*, hospitals and healthcare establishments must test twice a year. The satisfactory level is 0 CFU/100mL.

Remember that this bacteria which colonises the system from the interior of tap/mixer spouts, rapidly becomes entrenched. If no solution is put in place once *Pseudomonas aeruginosa* is established in a mixer or tap, it will progressively colonise the tails and pipework. At this stage it will be impossible to eradicate and will become a threat to the whole system.

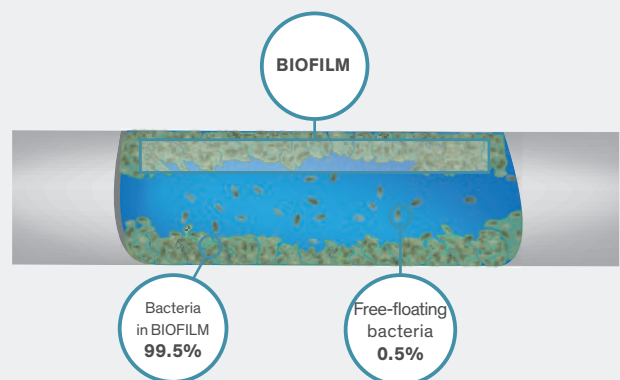


Regardless of the material of which the pipework and water controls are made, **biofilm** will form in all sanitary installations after a few weeks or months of operation.

**This biofilm is the source of one third of nosocomial illnesses.** According to the *National Institute for Health and Care Excellence* (NICE, 2014), it is estimated that 300,000 patients in England acquire a nosocomial infection as a result of care within the National Health Service.

The *European Centre for Disease Prevention and Control* (ECDC) calculates that healthcare-acquired infections affect 4.1 million patients every year and are responsible for 37,000 deaths annually.

Not forgetting that non-healthcare buildings that are open to the public are also at high risk. In effect, according to statistics by the *French Public Health Board*, 47% of *Legionella* cases identified in 2019 were linked to visits to hotels, tourist accommodation, campsites, swimming pools and sports stadia, compared to 11% linked to healthcare facilities (hospitals, retirement homes, etc.).



“Hotels, tourist accommodation, campsites, swimming pools, stadiums, etc. are equally high risk.”

## EUROPEAN WATER QUALITY REGULATIONS



Stagnation prohibited

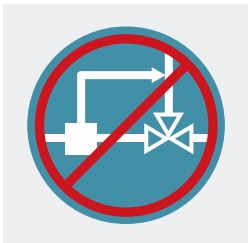
### Regular flush

According to the French, German and English regulations, water stagnation (in sanitary installations and mixers and taps) is a key factor in bacterial contamination.

The **European standard EN 806-5** requires that those sections of the installation that are used infrequently should be flushed at regular intervals.

The recommended interval is once a week.

**All public and commercial buildings** are affected, in particular schools and council buildings during the school holidays, campsites out of season, unoccupied hospital rooms, etc.



Bypass prohibited

The German Directive of April 2013, *Hygiene in Drinking Water Installations VDI/DVGW 6023*, requires purging to be carried out after 72 hours of stagnation in a sanitary installation (this also includes cisterns). Note that the water in the bypass is not sufficiently renewed. They are therefore prohibited.

If an installation is not used for 72 hours, rigorous protocols are put in place. DELABIE sees this as a step forward and proposes technical solutions to meet this requirement (see *opposite: electronic controls*).

“**The German directive requires purging to be carried out after 72 hours of stagnation.**”



Measuring pressure

### Undersized pipework

The German regulation strictly prohibits oversized pipework because they promote bacterial growth by reducing the water velocity.

**DELABIE, along the same lines, recommends slightly decreasing the diameter of the pipes to increase the water velocity to 2 m/sec.** (likewise the French regulation (DTU) recommends 1.5 m/sec.).

This measure prevents the excessive development of biofilm and helps to reduce the risk of contamination without increasing noise levels.

“**Oversized pipes are strictly prohibited.**”



Measuring the temperature



Training relevant personnel

### Training

Understanding the problems associated with bacterial growth in water systems helps to limit the risk of contamination.

Although French legislators have not yet focused on **training those responsible for the water system, it is embedded and pursued in Germany** (with three training levels, depending on the level of responsibility) **and in the United Kingdom** (with personnel competency and training programmes monitored by the *Water Safety Group*).

“**Training those responsible helps to control bacterial proliferation.**”

### Circulating loops

A circulating loop up to the point-of-use is not recommended. It doubles the length of the pipework and therefore doubles the water volume. The biofilm surface is increased and, as a result, also the risk of bacterial development. Moreover, it makes it difficult to maintain high temperatures at all points in the circulating loop.

Finally, it also makes it difficult to keep the pipe run volume to less than the 3 litres recommended by European directives. Indeed, if the water temperature in a circulating loop is less than 50°C or 55°C (depending on the country), the water volume in the circulating loop must be included in the 3 litre maximum calculation.

“**A circulating loop up to the point-of-use is not recommended.**”

### Building Management Systems

Contrary to popular belief, Building Management Systems are not recommended by European directives as they can be complicated, difficult to handle and extremely costly and do not take away liability if a problem occurs.



## DELABIE'S SPECIFIC ADVANTAGES

DELABIE is particularly concerned with the fight against, and prevention of, bacterial development. The company is constantly developing new products with unique features.

### Electronic controls

DELABIE's models are programmed with a periodic duty flush.

An **automatic flush** takes place every 24 hours after the last use, to prevent water stagnation and, therefore, bacterial proliferation.

Similarly, DELABIE has developed a **reduced-stagnation solenoid valve (patented)**.

Unlike all other available models which have areas of permanent water stagnation, the water is completely renewed inside DELABIE's solenoid valve.

*For more information see page 19.*

Thanks to these characteristics, DELABIE's electronic controls are the only ones to guarantee a regular and complete renewal of the water in all the internal parts, avoiding any risk of bacterial proliferation. They are therefore the only ones which comply with the European standard EN 806-5.



Reduced-stagnation solenoid valve

### Thermostatic mixing valves

To reduce the risk of bacterial development (legionella etc.), public and commercial buildings should distribute hot water at temperatures of at least 50°C (55°C in healthcare facilities). To reduce the risk of scalding, all DELABIE's thermostatic mixing valves are fitted with **special safety devices**.

They are supplied with a maximum temperature limiter pre-set at the factory.

The PREMIX range of group thermostatic mixing valves allows the facilities manager to maintain temperatures that comply with the regulations while ensuring user safety.

*For more information see page 151.*

**Scalding can also be prevented** at the point-of-use itself thanks to the SECURITHERM range of mixers and shower panels.

PREMIX and SECURITHERM thermostatic mixers ensure that the hot water supply shuts off if the cold water supply fails.

### Direct flush WC systems with no cistern

The insides of toilet cisterns are covered in biofilm. The large surface area of cisterns, plus water stagnation, make the cistern a major risk factor for the proliferation of bacteria; they can spread in sanitary installations.

**By removing the need for toilet cisterns, DELABIE's direct flush systems eliminate the risk of bacterial proliferation.**

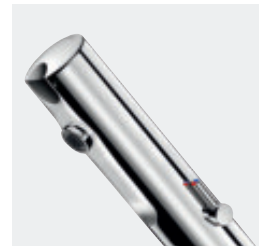
*For more information see page 201*

### WC flush system with no cistern

- ▶ no water stagnation
- ▶ no bacterial development

DELABIE's electronic controls are unique in being able to guarantee a **regular and complete renewal of the water** in all the internal parts.

Required by the standard EN 806-5



TEMPOMATIC 4  
Automatic duty flush  
Reduced-stagnation solenoid valve



PREMIX  
Maintains the temperature in the system  
Anti-scalding safety



TEMPOFLUX 3  
Direct flush with no cistern



# Basins

ELECTRONIC  
CONTROLS  
**19**



TIME FLOW  
CONTROLS  
**49**



HANDS-FREE  
CONTROLS  
**69**

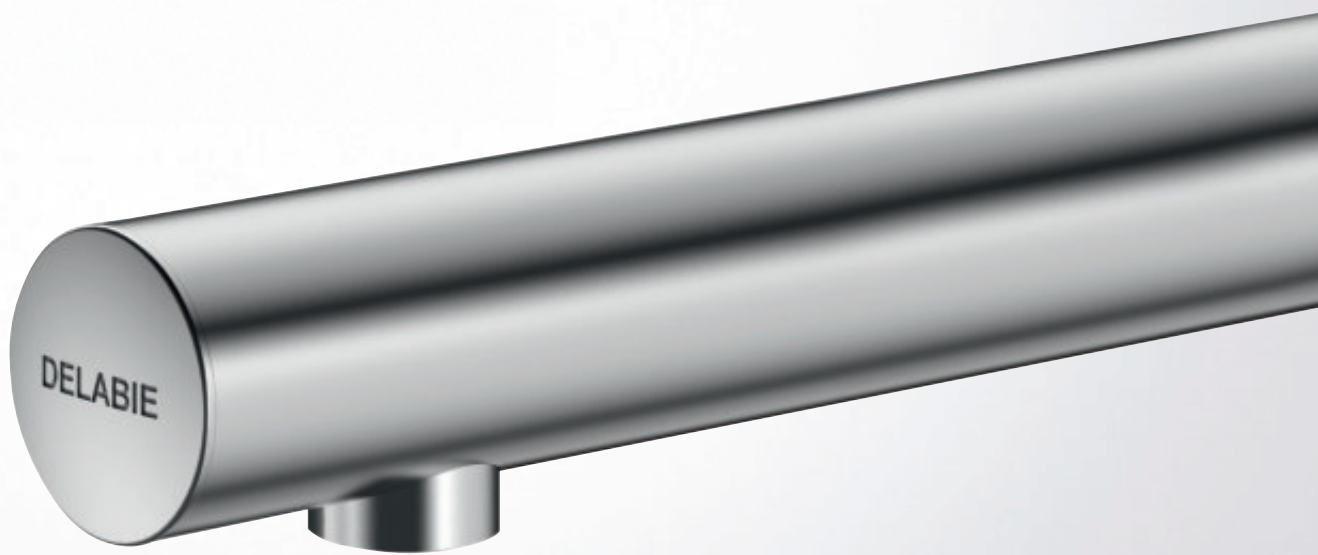


FITTINGS FOR  
WATER FOUNTAINS  
AND HAND  
WASHBASINS  
**70**



ADDITIONAL  
FITTINGS  
**72**





## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Opens/closes automatically, with no manual contact

Electronic mixers and taps are operated by active infrared detection. Flow opens when the detector senses hands and shuts off automatically when hands are removed from the detection zone.

No manual contact prevents the spread of germs by hand.

### Anti-bacterial duty flush programme

If a mixer or tap is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.). DELABIE's electronic mixers and taps have a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use (programmable on some models).

### Reduced-stagnation solenoid valve

Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed. This can lead to bacterial proliferation. DELABIE has developed a technology without a membrane (patented system).

With this piston-operated solenoid valve, water is drained and renewed with every use which reduces niches where bacteria can develop.

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.

### Hygienic flow straightener

Unlike conventional aerators, DELABIE's flow straighteners are specially made from Hostaform®, a material that is highly scale-resistant (build-up of scale is 10 times slower).

They minimise water retention and the build-up of dirt, and prevent the spread of germs.

### PEX flexible hoses

These flexible hoses will withstand the thermal and chemical shocks undertaken in public and commercial buildings for preventative or curative treatments against the development of bacteria.

## 90% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional mixers and taps, DELABIE's electronic mixers and taps can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

#### • Automatic shut-off and split delivery

The mixer or tap shuts off automatically when hands are removed from the detection zone.

This removes the risk of waste through negligence. The anti-blocking security activates to prevent the mixer or tap from flowing continuously. The flow time is reduced to the necessary minimum (wetting, rinsing).

#### • Flow rate regulated at 3 lpm

DELABIE's electronic mixers and taps are regulated at 3 lpm. The flow rate remains constant regardless of pressure variations in the system. The flow rate can be adjusted from 1.4 (see environmental labels) to 6 lpm.

### Energy savings

The electronic mixers and taps do not require much energy to operate. DELABIE has chosen infrared active pulse technology, a low-power consumption solution.

The infrared beam is emitted intermittently, saving energy while ensuring effective detection. Battery-operated models have an average lifespan of 350,000 cycles (i.e. 3 to 6 years) depending on the frequency of use.

The Lithium batteries are widely available, affordable and recyclable.

The significant hot water savings provided by DELABIE's mixers and taps also result in energy savings.

### Environmental labels

The water and energy saving performance of DELABIE's electronic mixers and taps means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

For more information see page 8.



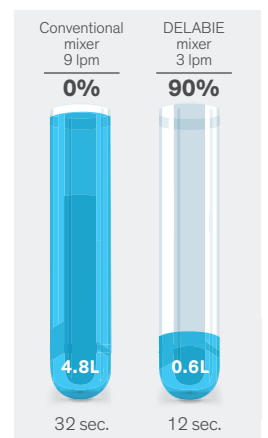
Hygiene and controlling bacterial proliferation



Reduced-stagnation solenoid valve



No manual contact



Water savings per use

## COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional mixer and a DELABIE electronic mixer

Flow rate	Wetting	Soaping	Rinsing	Water consumption
9L	5 sec.	20 sec.	7 sec.	<b>4.8L</b> 32 sec.
3L	5 sec.	7 sec.	7 sec.	<b>0.6L</b> 12 sec.



Vandal-resistant



Reinforced fixing



Diagnostic LED



Simple to maintain



## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Resistant to intensive use and vandalism

DELABIE's electronic mixers and taps are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The mixer and tap bodies are made from chrome-plated metal, fitted with **shock-resistant** mechanisms and sensors. The **reinforced fixings** will stand up to intensive use.

**Streamlined designs** discourage attempts to pull them off.

To prevent abuse and waste, all models are fitted with a system to avoid blocking during flow.

For areas that require tamperproof installations, there are recessed and cross wall versions which have mechanisms that cannot be accessed by the user.

### Easy to install

DELABIE's products are **easy to install** and **adjustments are kept to a minimum** in order to save time during installation.

#### • Independent electronic control unit: BINOPTIC, TEMPOMATIC 2 and PRO models

Depending on the model, there is an option to adjust the presence detection distance, to change the operating mode (ON/OFF or automatic) and change the duty flush settings.

The battery-operated models work autonomously for 3 to 6 years.

The electronic control units are waterproof (IP65) with diagnostic LEDs to facilitate servicing.

#### • Electronic unit and solenoid valve integrated in the body of the mixer/tap\*: TEMPOMATIC 3 and 4 models

Can be installed on any **isolated point-of-use**, for new builds as well as renovation.

#### - 6V Lithium batteries\*:

There are no electrical connections required.

Simply connect the flexibles to the supply pipes in the same way as for a conventional mixer/tap.

No special adjustment is necessary, the mixer/tap is ready to operate independently for 3 to 6 years.

A red LED will flash for 15 days to indicate that the battery life is low. The batteries can be changed without shutting off the water supply or removing the mixer/tap.

#### - 230/6V mains supply (plug in or recessed)\*:

To operate, simply connect the flexibles to the supply pipes and connect the electrical supply to the mixer/tap via a plug and socket or recessed connection close to the basin.

This does not require any specific maintenance (no battery changes).

\* Depending on model

### Reliable presence detection

DELABIE has chosen the most reliable detection system: **infrared active pulse**. It cannot be adjusted or affected by variations in light levels. On models with a sensor at the end of the spout, the infrared beam **adapts automatically**, to ensure that the hands are detected in any position.

### Minimal servicing and simple to maintain

The **scale-resistant** solutions (flow straighteners, mechanisms) and the filters ensure minimal servicing. Maintenance is easier. The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

The electronic control units are fitted with LEDs to **aid diagnostic** checks, and **access** to the components (batteries, solenoid valve) is **direct**, without having to remove the mixer/tap.

### Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Electrical supply*	230V / 50 Hz class II (without earth connection)
Electronic unit*	Independent waterproof IP65
6V Lithium battery*	CR123 or 223 CR-P2 standard batteries Average lifespan ~350,000 cycles or 3 - 6 years
Duty flush programme can be adjusted*	60 seconds 12 or 24 hours after last use (or OFF)
Automatic shut-off in event of negligence	Prevents blocking in the open position
Temperature limiter	Can be adjusted
HW supply	55°C max
Recommended installation height for wall-mounted mixers/taps	110 - 200mm above base of bowl
<b>CE</b>	Complies with European directives CEM 2014/30/UE and BT 2014/35/UE

\* Depending on model

**10-year warranty** against any manufacturing defects.

## DESIGN

DELABIE's products, known for their endurance and reliability, have a timeless design. The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre it is paramount that the product design fits in with its surroundings. Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the mixers and taps reduces the build-up of dirt and facilitates cleaning. Easy but secure access to the control mechanisms provides easy maintenance.

**SENSOR AT THE END OF THE SPOUT**  
Hands can be detected in any position

**6V LITHIUM BATTERIES**  
Average lifespan 3 - 6 years (~350,000 cycles)  
Replace without removing the mixer/tap  
or shutting off the water

**REDUCED-STAGNATION SOLENOID VALVE (patented)**  
Reduces build-up of dirt  
and bacterial development  
Slow closure with no water hammer

**INTEGRATED ELECTRONIC UNIT  
PROTECTED BY A WATERPROOF CAP**  
Easy to maintain

**DIRECT ACCESS TO BATTERIES  
AND SOLENOID VALVE**  
Easy to maintain

**MAXIMUM TEMPERATURE  
LIMITER CAN BE ADJUSTED**  
Anti-scalding safety

**SCALE-RESISTANT  
FLOW STRAIGHTENER**  
Minimal servicing

**ADJUSTABLE 3 LPM FLOW RATE**  
Water savings

**PROGRESSIVE TEMPERATURE  
CONTROL LEVER**  
Improved comfort







- **Water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** electronic system integrated into the body of the tap
- **Easy to replace the batteries:** after 3 - 6 years, without removing the tap or shutting off the water supply

## TEMPOMATIC 4

Deck-mounted electronic basin tap/mixer



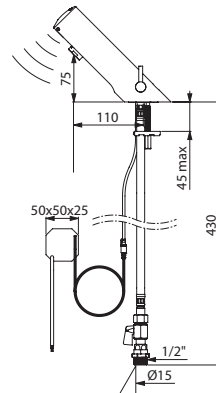
- **230/6V mains supply** or **integrated CR123 6V Lithium batteries.**
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated metal body.
- Cap fixed in place by 2 concealed screws.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 10-year warranty.



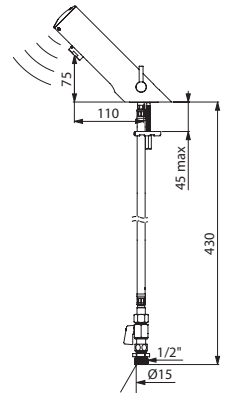
Standard lever



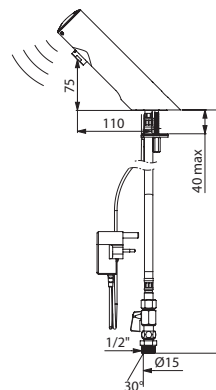
Long lever



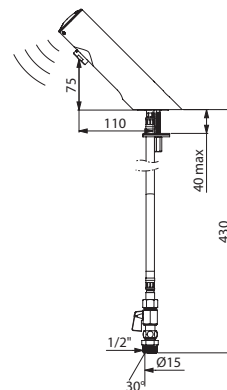
49000015



49000615



44000115



44000615

TEMPOMATIC MIX 4 mixer		
Recessed mains supply	49000015	£452.62
Plug-in mains supply	49000115	£426.59
6V Lithium battery-operated	49000615	£404.73
TEMPOMATIC 4 tap		
Recessed mains supply	44000015	£414.31
Plug-in mains supply	44000115	£387.18
6V Lithium battery-operated	44000615	£365.21

We recommend installing a TMV for taps (see page 151)

Options: factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

For long lever, please add "LH" after the reference, associated soap dispenser (see page 75)

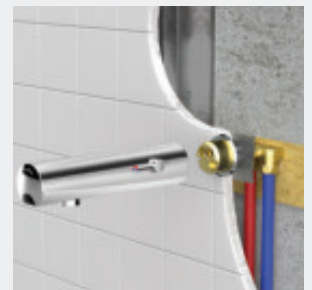


### Recessed water inlets

3 installation options



Recessed in concrete



Plasterboard rails



Solid walls

### Cross wall





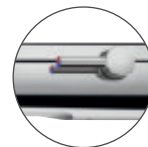
- **Water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** electronic system integrated into the body of the mixer/tap
- **Easy to replace the batteries:** after 3 - 6 years, without removing the mixer/tap or shutting off the water supply

## TEMPOMATIC 4

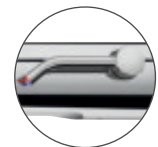
Wall-mounted electronic basin tap/mixer



- **230/6V mains supply or battery-operated with integrated CR123 6V Lithium batteries.**
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated stainless steel body.
- Cap fixed in place by 2 concealed screws.
- Stopcocks.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 10-year warranty.



Standard lever



Long lever

### TEMPOMATIC MIX 4 wall-mounted mixer

Recessed mains supply		
Wall-mounted L. 160mm (recessed water inlets)	493400	£608.04
Wall-mounted L. 220mm (recessed water inlets)	493500	£653.35
Cross wall L. 130mm	493410	£484.89
Cross wall L. 190mm	493510	£527.85
Battery-operated		
Wall-mounted L. 160mm (recessed water inlets)	493406	£553.74
Wall-mounted L. 220mm (recessed water inlets)	493506	£599.03
Cross wall L. 130mm	493416	£433.45
Cross wall L. 190mm	493516	£476.40

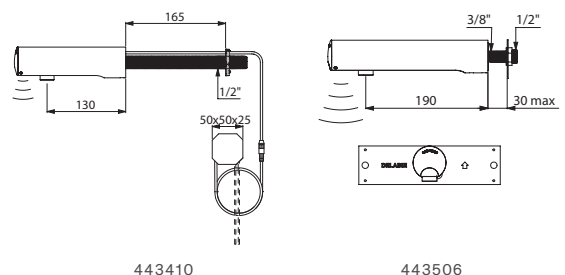
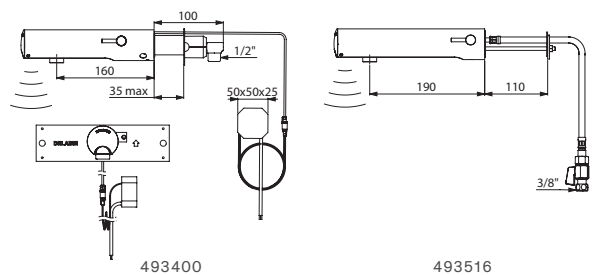
Long temperature lever (add "L" after the reference)

### TEMPOMATIC 4 wall-mounted tap

Recessed mains supply		
Wall-mounted L. 130mm (recessed water inlet)	443400	£442.44
Wall-mounted L. 190mm (recessed water inlet)	443500	£485.39
Cross wall L. 130mm	443410	£442.44
Cross wall L. 190mm	443510	£485.39
Battery-operated		
Wall-mounted L. 130mm (recessed water inlet)	443406	£356.83
Wall-mounted L. 190mm (recessed water inlet)	443506	£397.55
Cross wall L. 130mm	443416	£356.83
Cross wall L. 190mm	443516	£397.55
Panel-mounted ≤ 24mm or solid walls L. 130mm	443426	£361.63
Panel-mounted ≤ 24mm or solid walls L. 190mm	443526	£401.15
L. 130mm for refit	443436	£356.83
L. 190mm for refit	443536	£397.55

We recommend installing a TMV for taps (see page 151)

**Option:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)



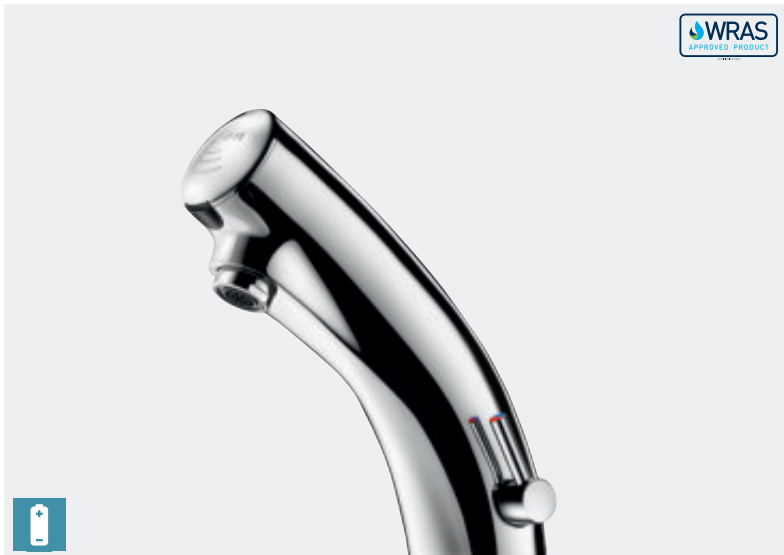




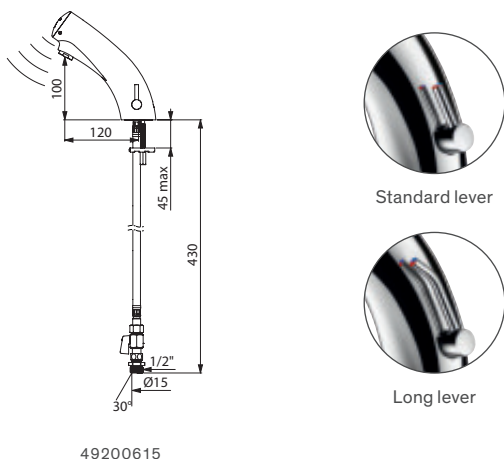
- **Water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** installed in the same way as a conventional mixer, electronic system integrated into the body of the mixer
- **Easy to replace the battery:** after 3 - 6 years, without removing the mixer or shutting off the water supply

### TEMPOMATIC MIX 3

Deck-mounted electronic basin mixer

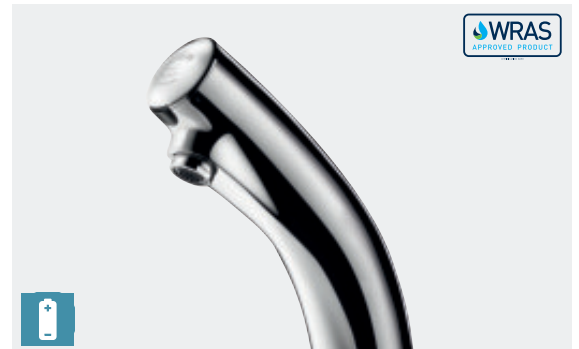


- **Battery-operated with integrated 223 CR-P2 6V Lithium battery.**
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated solid brass body.
- Cap fixed in place by 2 concealed screws, with pictogram to identify sensor easily.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixer.
- Suitable for people with reduced mobility.
- 10-year warranty.



### TEMPOMATIC 3

Deck-mounted electronic basin tap

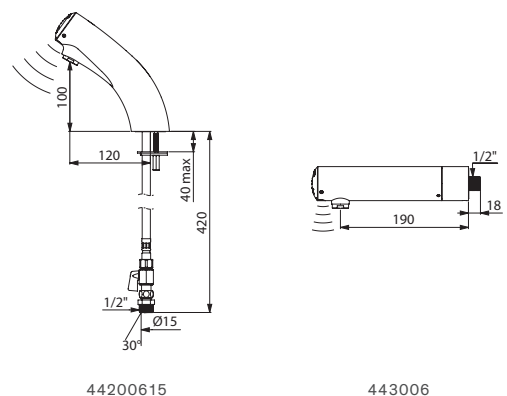


### TEMPOMATIC 3

Wall-mounted electronic basin tap



- Wall-mounted, M1/2".
- Ø 50, L. 190mm.



<b>TEMPOMATIC 3 deck-mounted tap</b>	<b>44200615</b>	<b>£473.09</b>
<b>TEMPOMATIC 3 wall-mounted tap</b>		
Recessed water inlet	<b>443006</b>	<b>£508.63</b>
For panels ≤ 4mm	<b>443016</b>	<b>£545.68</b>

We recommend installing a TMV (see page 151)

**Option:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

<b>TEMPOMATIC MIX 3 deck-mounted mixer</b>	<b>49200615</b>	<b>£514.64</b>
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**Options:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)  
For long lever, please add "LH" after the reference





- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valve
- **Simplified installation and maintenance:** LED diagnostic tool, set manually or using application via Bluetooth®

**BINOPTIC 2**

Deck-mounted electronic basin tap/mixer



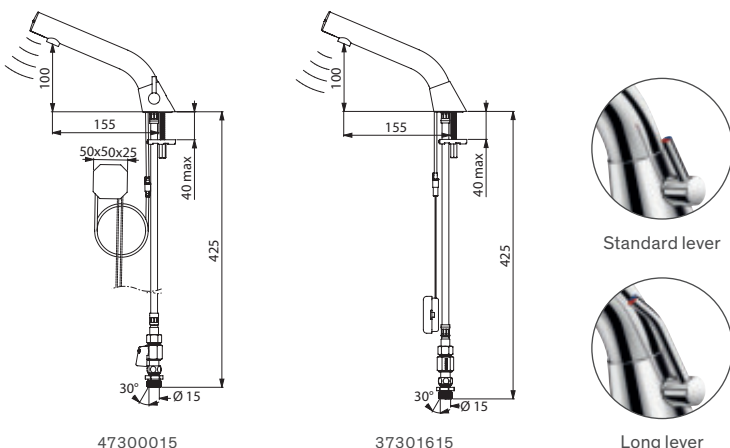
- **230/6V mains supply** or **CR123 6V Lithium batteries.**
- **Reduced-stagnation solenoid valve and electronic unit are integrated** into the body of the tap/mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant aerator.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- **Stainless steel tap/mixer, height 100mm for recessed washbasins.**
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set duty flush and thermal shocks (see page 37).
- **Bluetooth® version is available:** advanced settings and operational data download with the **DELABIE Connect application** (see page 36).
- Suitable for people with reduced mobility.
- 10-year warranty.

*Provisional availability 2<sup>nd</sup> half 2023. Please contact the sales office to check availability.*

**BINOPTIC 2 electronic tap/mixer height 100mm**

<b>Satin finish</b>		
Mixer - Mains supply	47300015	£504.23
Mixer - Battery-operated	47300615	£504.23
Tap - Mains supply	37300015	£433.09
Tap - Battery-operated	37300615	£433.09
<b>Chrome-plated finish</b>		
Mixer - Mains supply	47301015	£504.23
Mixer Bluetooth® Connect series Mains supply Without stopcocks	473110E	£572.59
Mixer - Battery-operated	47301615	£504.23
Tap - Mains supply	37301015	£433.09
Tap Bluetooth® Connect series Mains supply Without stopcocks	373110E	£507.53
Tap - Battery-operated	37301615	£433.09
<b>Matte black chrome finish</b>		
Mixer - Mains supply	47303015	£569.30
Mixer - Battery-operated	47303615	£569.30
Tap - Mains supply	37303015	£498.16
Tap - Battery-operated	37303615	£498.16

We recommend installing a TMV for taps (see page 151)  
**Options:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)  
 For long lever, please add "LH" after the reference  
 Associated soap dispenser (see page 75)









- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valve
- **Simplified installation and maintenance:** LED diagnostic tool, set manually or using application via Bluetooth®

**BINOPTIC 2**

Deck-mounted electronic basin tap/mixer



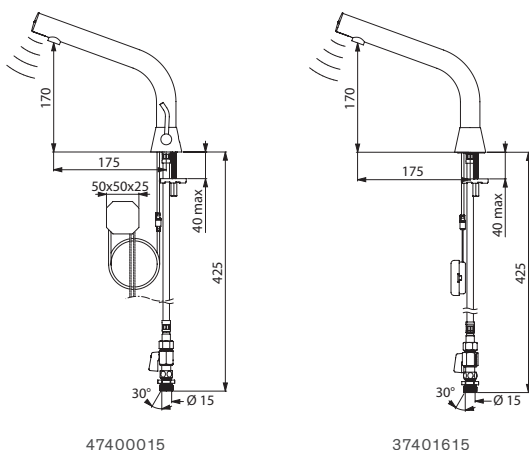
- 230/6V mains supply or CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit are integrated into the body of the tap/mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant aerator.
- Adjustable duty flush (pre-set flush ~60 seconds every 24 hours after last use).
- Stainless steel tap/mixer, height 170mm for semi-recessed washbasins.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Spout with smooth interior and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set duty flush and thermal shocks (see page 37).
- Bluetooth® version is available: advanced settings and operational data download with the DELABIE Connect application (see page 36).
- Suitable for people with reduced mobility.
- 10-year warranty.



Long lever

*Provisional availability 2<sup>nd</sup> half 2023.  
Please contact the sales office to check availability.*

BINOPTIC 2 tap/mixer height 170mm		
<b>Satin finish</b>		
Mixer - Mains supply	47400015	£530.27
Mixer - Battery-operated	47400615	£530.27
Tap - Mains supply	37400015	£459.11
Tap - Battery-operated	37400615	£459.11
<b>Chrome-plated finish</b>		
Mixer - Mains supply	47401015	£530.27
Mixer Bluetooth® Connect series Mains supply Without stopcocks	474110E	£598.61
Mixer - Battery-operated	47401615	£530.27
Tap - Mains supply	37401015	£459.11
Tap Bluetooth® Connect series Mains supply Without stopcocks	374110E	£533.54
Tap - Battery-operated	37401615	£459.11
<b>Matte black chrome finish</b>		
Mixer - Mains supply	47403015	£595.33
Mixer - Battery-operated	47403615	£595.33
Tap - Mains supply	37403015	£524.18
Tap - Battery-operated	37403615	£524.18



*We recommend installing a TMV for taps (see page 151)  
Options: factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)*



BLACK BINOPTIC 2 matte black electronic basin tap **37503015** - ALGUI countertop washbasin **120110BK** - SPEEDJET 2 air pulse hand dryer **510624B**



- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic tool, set manually or using application via Bluetooth®

## BINOPTIC 2

Deck-mounted electronic basin tap/mixer



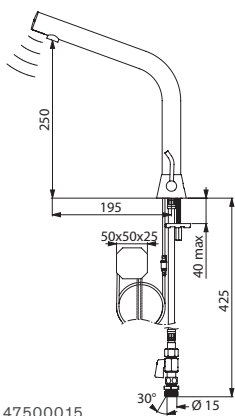
- 230/6V mains supply or CR123 6V Lithium batteries.
- Reduced-stagnation solenoid valve and electronic unit are integrated into the body of the tap/mixer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant aerator.
- Adjustable duty flush (pre-set flush ~60 seconds every 24 hours after last use).
- Stainless steel tap/mixer, height 250mm for countertop washbasins.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Spout with smooth interior and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set duty flush and thermal shocks (see page 37).
- Bluetooth® version is available: advanced settings and operational data download with the DELABIE Connect application (see page 36).
- Suitable for people with reduced mobility.
- 10-year warranty.



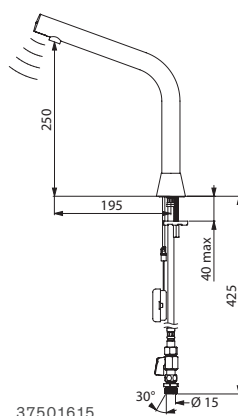
Long handle

Provisional availability 2<sup>nd</sup> half 2023.  
Please contact the sales office to check availability.

BINOPTIC 2 tap/mixer height 250mm		
<b>Satin finish</b>		
Mixer - Mains supply	47500015	£556.28
Mixer - Battery-operated	47500615	£556.28
Tap - Mains supply	37500015	£485.14
Tap - Battery-operated	37500615	£485.14
<b>Chrome-plated finish</b>		
Mixer - Mains supply	47501015	£556.28
Mixer Bluetooth® Connect series Mains supply Without stopcocks	475110E	£624.64
Mixer - Battery-operated	47501615	£556.28
Tap - Mains supply	37501015	£485.14
Tap Bluetooth® Connect series Mains supply Without stopcocks	375110E	£559.58
Tap - Battery-operated	37501615	£485.14
<b>Matte black chrome finish</b>		
Mixer - Mains supply	47503015	£621.35
Mixer - Battery-operated	47503615	£621.35
Tap - Mains supply	37503015	£550.21
Tap - Battery-operated	37503615	£550.21



47500015



37501615

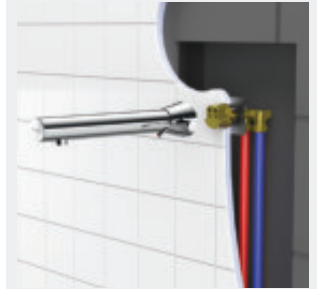
We recommend installing a TMV for taps (see page 151)

Option: factory pre-set at 1.4 lpm (add "LD" after the reference)



**Recessed water inlets**

**3 installation options**



Recessed in concrete



Plasterboard rails



Solid walls

**Cross wall**

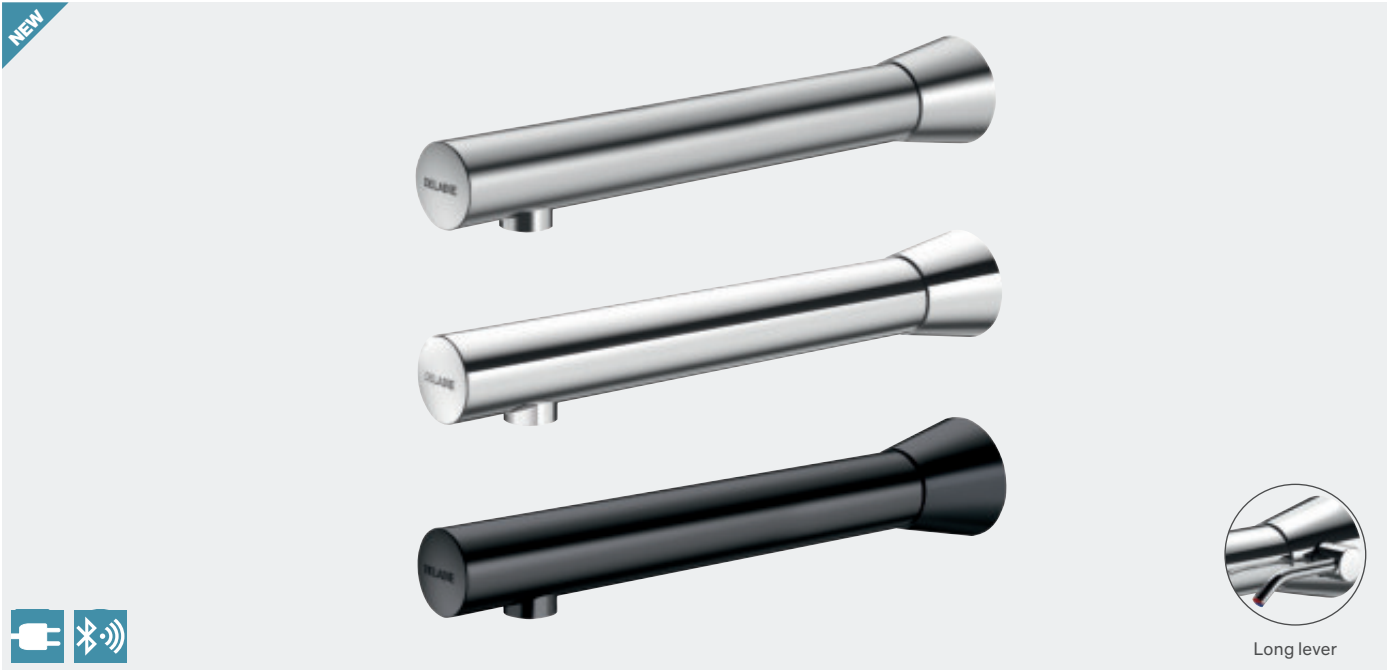




- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves
- **Simplified installation and maintenance:** LED diagnostic tool, set manually or using application via Bluetooth®

**BINOPTIC 2**

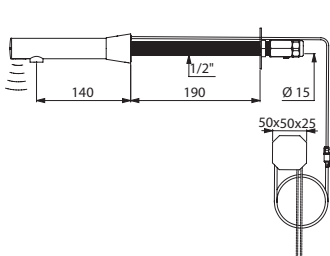
Wall-mounted electronic tap/mixer



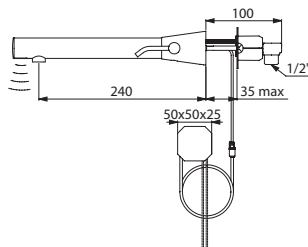
- **230/6V mains supply.**
- **Reduced-stagnation solenoid valve and electronic unit are integrated** into the body of the tap/mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant aerator.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- **Wall-mounted stainless steel tap/mixer.**
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Manually set duty flush and thermal shocks (see page 37).
- **Bluetooth® version is available:** advanced settings and operational data download with the **DELABIE Connect application** (see page 36).
- Suitable for people with reduced mobility.
- 10-year warranty.

*Provisional availability 2<sup>nd</sup> half 2023.  
Please contact the sales office to check availability.*

BINOPTIC 2 wall-mounted tap/mixer		
<b>Satin finish</b>		
Mixer L. 240mm with stopcocks Recessed	<b>484000</b>	<b>£598.61</b>
Tap L. 220mm without stopcock Recessed	<b>384100</b>	<b>£416.43</b>
Tap L. 140mm with stopcock For thin panels	<b>383000</b>	<b>£390.39</b>
<b>Chrome-plated finish</b>		
Mixer L. 240mm with stopcocks Recessed	<b>484010</b>	<b>£598.61</b>
Mixer Bluetooth® Connect series L. 240mm - with stopcocks - Recessed	<b>484010E</b>	<b>£676.69</b>
Mixer L. 220mm with stopcocks For cross wall installation	<b>48201015</b>	<b>£504.23</b>
Tap L. 220mm without stopcock Recessed	<b>384110</b>	<b>£416.43</b>
Tap Bluetooth® Connect series L.220mm - without stopcock - Recessed	<b>384110E</b>	<b>£494.51</b>
Tap L. 140mm with stopcocks For thin panels	<b>383010</b>	<b>£390.39</b>
Tap L. 140mm with stopcock For cross wall installation	<b>38101015</b>	<b>£420.08</b>
Tap L. 220mm with stopcock For cross wall installation	<b>38201015</b>	<b>£433.09</b>
<b>Matte black chrome finish</b>		
Mixer L. 220mm with stopcocks For cross wall installation	<b>48203015</b>	<b>£569.30</b>
Tap L. 220mm without stopcock Recessed	<b>384130</b>	<b>£481.49</b>



38101015



484000

*We recommend installing a TMV for taps (see page 151)  
Options: factory pre-set at 1.4 lpm (add "LD" after the reference)  
Associated soap dispenser (see page 75)*

## THE NEW BINOPTIC: A PREMIUM CONNECTED TAP

### DELABIE Connect App

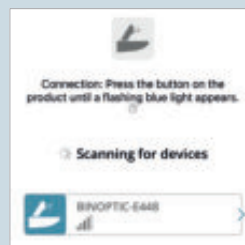
The BINOPTIC 2 can be adjusted using the app or manually directly on the tap.

With the DELABIE Connect app, configuring the BINOPTIC 2 Bluetooth® is quick and easy using a smartphone or tablet:

- Simple adjustment of the settings.
- Download usage statistics.
- Copy selected settings from one tap to another.
- Technical support.



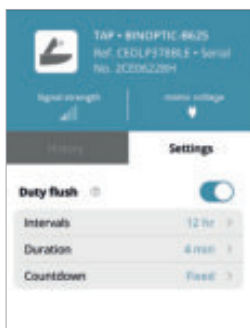
To activate Bluetooth®: press down on the button using an Allen key. The blue LED will flash.



The app automatically recognises installed taps and suggests available settings.

### CHANGING SETTINGS:

At DELABIE quick and easy installation is a priority. Setting taps can take up significant amount of time during installation. The settings in the app are, therefore, simple and intuitive.



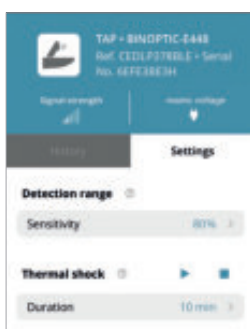
A **duty flush** is a purge of the pipes in order to prevent the development of bacteria. It is possible to choose:

- The intervals between flushes (every 12 or 24 hours) or to completely turn off the function
- The length of rinse
- If the flush will take place at a fixed time or at fixed intervals after the tap was last used



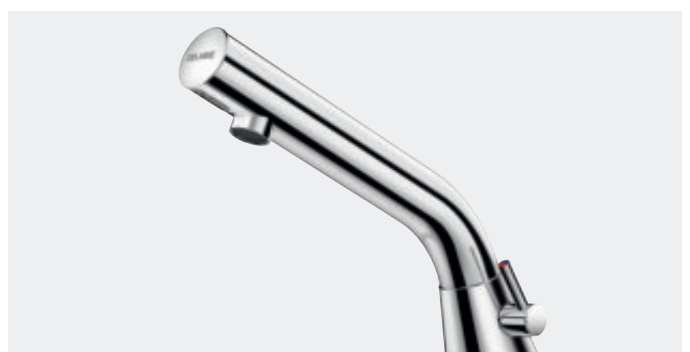
The **comfort timing** (tap shut-off delay once hands or body are removed from in front of the infrared sensor) can also be adjusted.

The **anti-blocking security** stops water flowing automatically when an object is left in front of the sensor. This prevents water wastage or vandalism. Its activation time can be set.



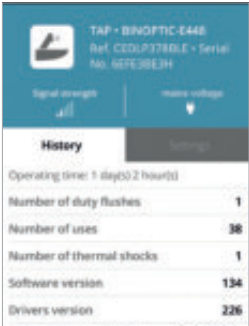
The **detection distance** can be set by adjusting the sensitivity of the sensor to the washroom surroundings (position, washbasin height, etc.).

**Thermal shocks** (circulation of high temperature hot water in the pipework in order to eliminate bacteria) or **chemical shocks** (injection of disinfectant in the pipes) can be launched remotely. The duration of the flush can be set. This function is secure: the tap will stop immediately if a user is detected.



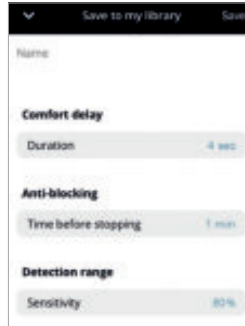
BINOPTIC MIX Bluetooth® electronic mixer ref. 473110E

**DOWNLOAD OPERATION HISTORY**



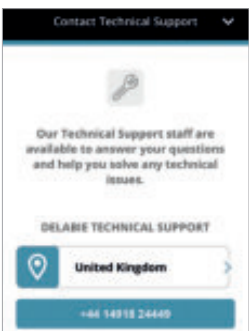
With the DELABIE Connect app, it is also possible to get **usage statistics** for the tap: like total uses, total rinses carried out and their length, or even the total number of thermal shocks carried out. This report can be sent by email.

**MEMORY AND COPY SETTINGS FEATURE**



The "copy-paste" feature allows selected settings to be saved in the app and copied to other taps. A sure way to save time when installing.

**TECHNICAL SUPPORT**



If required, **diagnostics can be managed remotely** by DELABIE Technical Support. A report of usage and settings can be sent by email.



Wall-mounted BINOPTIC MIX Bluetooth® electronic mixer ref. 484010E

**No Smartphone, no problem!**

Using a smartphone and the DELABIE app isn't essential for making the main adjustments. These settings can also be made directly on taps. Just insert a 1.5mm Allen key in the small hole designed for adjustments and change the settings by pressing the button.



**Thermal shock (red LED)**

The tap begins a 10, 20 or 30 minute flush to carry out a thermal shock. This flush can be stopped by the user by pressing the button or by passing a hand in front of the sensor, to prevent any risk of scalding.



**Duty flush (green LED)**

The duty flush is set to activate 24 hours after the tap was last used. It can be modified to 12 hours or turned off.







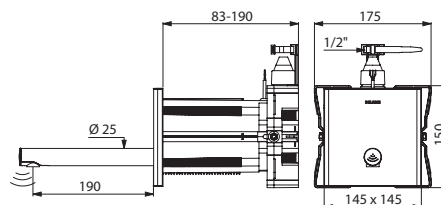
- **Water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)
- **Vandal-resistant:** recessed installation, concealed fixings

## BINOPTIC 2

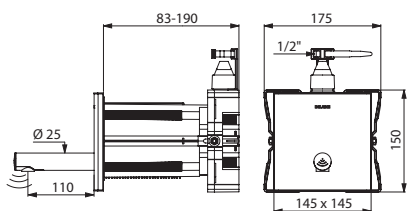
Recessed electronic basin tap



- **Battery-operated with CR123 6V Lithium batteries** or 230/6V mains supply (cable and transformer supplied).
- **Stainless steel wall plate 145 × 145mm with integrated electronics.**
- **Recessed waterproof housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Modular installation (rails, solid walls, panels).
  - Compatible with wall finishes from 10 to 120mm (while maintaining the minimum recessing depth of 83mm).
  - Suitable for standard or "pipe in pipe" supply.
  - Stopcock and flow rate adjustment, filter and solenoid valve are all integrated and accessible from the front.
  - BINOPTIC F $\frac{1}{2}$ " valve.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after last use.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted.
- **Scale-resistant flow straightener.**
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Suitable for people with reduced mobility.
- 10-year warranty.



370SBOX-370110



370PBOX-370016

### BINOPTIC 2 tap recessed in waterproof housing

Satin finish - mains supply 230V Spout L. 110mm	<b>370SBOX</b> + <b>370000</b>	<b>£177.65</b> <b>£486.56</b>
Satin finish - mains supply 230V Spout L. 190mm	<b>370SBOX</b> + <b>370100</b>	<b>£177.65</b> <b>£489.13</b>
Chrome-plated finish - mains supply 230V Spout L. 110mm	<b>370SBOX</b> + <b>370010</b>	<b>£177.65</b> <b>£502.67</b>
Chrome-plated finish - mains supply 230V Spout L. 190mm	<b>370SBOX</b> + <b>370110</b>	<b>£177.65</b> <b>£505.21</b>
Satin finish - 6V batteries Spout L. 110mm	<b>370PBOX</b> + <b>370006</b>	<b>£159.08</b> <b>£422.54</b>
Satin finish - 6V batteries Spout L. 190mm	<b>370PBOX</b> + <b>370106</b>	<b>£159.08</b> <b>£425.06</b>
Chrome-plated finish - 6V batteries Spout L. 110mm	<b>370PBOX</b> + <b>370016</b>	<b>£159.08</b> <b>£438.71</b>
Chrome-plated finish - 6V batteries Spout L. 190mm	<b>370PBOX</b> + <b>370116</b>	<b>£159.08</b> <b>£441.25</b>



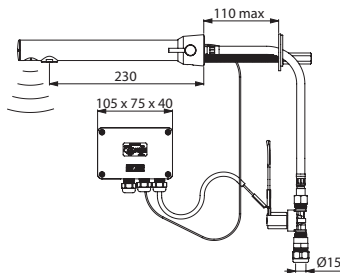
- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume
- **Maintenance:** LED diagnostic aids

## BINOPTIC MIX

Cross wall electronic basin mixer



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated models: filters and solenoid valve  $\varnothing$  15mm for compression fittings. Black models: filters and solenoid valve M $\frac{3}{8}$ ".
- Chrome-plated brass body.
- Chrome-plated spout for cross wall installation  $\leq$  110mm.
- Cable L. 1.5m for sensor, flexibles and mounting all pass through the same hole.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 10-year warranty.



379MCH15

Cross wall BINOPTIC MIX mixer Chrome-plated finish	379MCH15	£575.39
Cross wall BLACK BINOPTIC MIX mixer Matte black chrome finish	379MCHB	£612.06

For long lever, please add "L" after the reference  
**Options:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference), associated soap dispenser (see page 75)

## BINOPTIC

Electronic basin tap

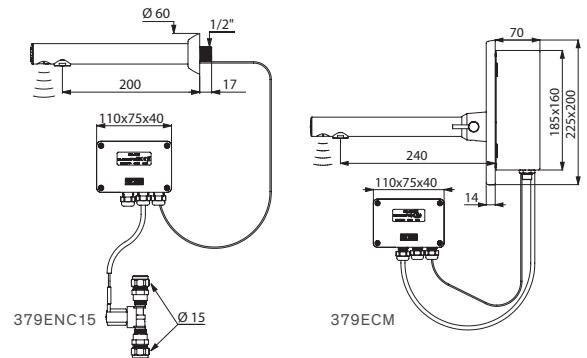


Electronic tap for recessed inlets or installation on walls  $\leq$  190mm

## BINOPTIC MIX



Recessed electronic mixer on stainless steel wall plate



BINOPTIC wall-mounted tap - Chrome-plated finish		
Recessed, spout L. 200mm	379ENC15	£440.79
For walls $\leq$ 190mm, spout L. 205mm	379DER15	£429.63
For walls $\leq$ 190mm, spout L. 135mm	379D1315	£430.34
BLACK BINOPTIC wall-mounted tap - Matte black chrome finish		
Recessed, spout L. 200mm	379ENCB	£490.98
BINOPTIC MIX recessed mixer - Chrome-plated finish		
Standard temperature lever	379ECM	£791.74
Long temperature lever	379ECML	£832.34

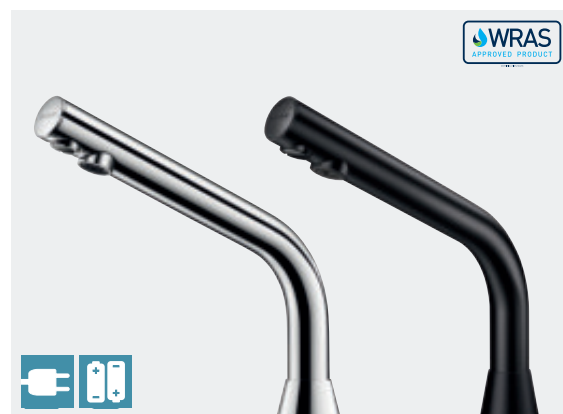
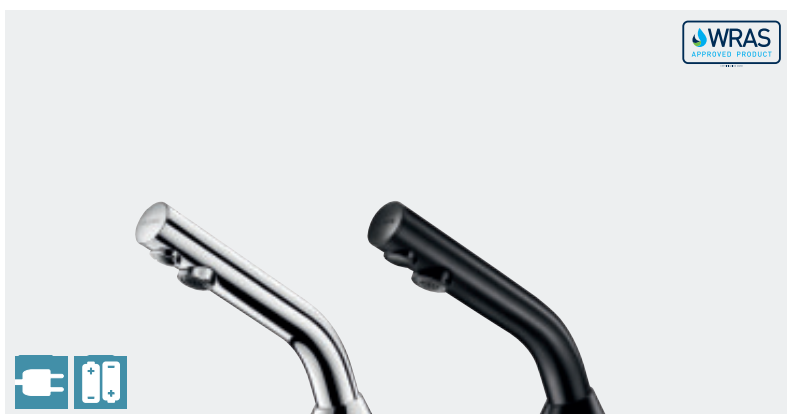
**Options:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference), associated soap dispenser (see page 75)



- **Water savings:** 90%
- **Hygiene:** no manual contact, anti-bacterial duty flush, spout with smooth interior and low water volume, reduced-stagnation solenoid valves on the battery-operated versions
- **Maintenance:** LED diagnostic aids

## BINOPTIC

Deck-mounted electronic basin tap

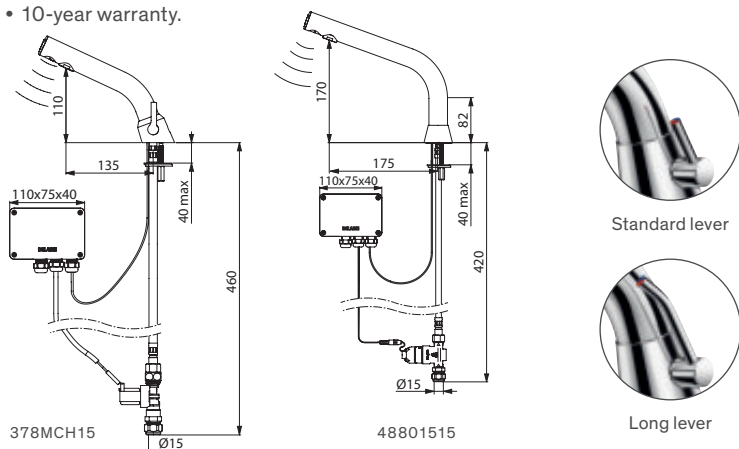


- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer or CR123 6V Lithium batteries.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush** (pre-set flush ~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated brass body.
- PEX flexibles with filters and solenoid valves M $\frac{3}{8}$ ".
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- Side temperature control with adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 10-year warranty.

Height 170mm



Height 250mm



BINOPTIC MIX mixer - Chrome-plated finish		
Mains supply	378MCH15	£557.49
Battery-operated	478MCH15	£663.09
BINOPTIC tap - Chrome-plated finish		
Mains supply	37801515	£419.93
Battery-operated	47801515	£509.13
BLACK BINOPTIC MIX mixer - Matte black chrome finish		
Mains supply	378MCHB	£593.91
Battery-operated	478MCHB	£702.31
BLACK BINOPTIC tap - Matte black chrome finish		
Mains supply	378035	£469.81
Battery-operated	478035	£561.50

BINOPTIC MIX mixer - Chrome-plated finish		
Mains supply H. 170mm	388MCHLH15	£584.03
Mains supply H. 250mm	398MCHLH15	£625.64
Battery-operated H. 170mm	488MCHLH15	£690.84
Battery-operated H. 250mm	498MCHLH15	£732.45
BINOPTIC tap - Chrome-plated finish		
Mains supply H. 170mm	38801515	£446.70
Mains supply H. 250mm	39801515	£488.29
Battery-operated H. 170mm	48801515	£536.88
Battery-operated H. 250mm	49801515	£578.48
BLACK BINOPTIC MIX mixer - Matte black chrome finish		
Mains supply H. 170mm	388MCHB	£622.04
Mains supply H. 250mm	398MCHB	£664.28
Battery-operated H. 170mm	488MCHB	£730.47
Battery-operated H. 250mm	498MCHB	£772.69
BLACK BINOPTIC tap - Matte black chrome finish		
Mains supply H. 170mm	388035	£498.14
Mains supply H. 250mm	398035	£540.38
Battery-operated H. 170mm	488035	£589.66
Battery-operated H. 250mm	498035	£631.90

For long lever, please add "L" after the reference  
**Options:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference), associated soap dispenser (see page 75)

**Option:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)





- **Water savings:** 90%
- **Hygiene:** no manual contact, reduced-stagnation solenoid valve, anti-bacterial duty flush
- **Easy to install:** electronic system integrated into the body of the tap
- **Specifically designed for public and commercial places:** batteries last 3 - 6 years, metal body, 10-year warranty

## TEMPOMATIC 5

Deck-mounted electronic basin tap/mixer



- **230/6V mains supply** or **integrated CR123 6V Lithium batteries.**
- **Reduced-stagnation solenoid valve and electronic unit** integrated into the body of the mixer.
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Duty flush** (~60 seconds every 24 hours after last use).
- Active, infrared presence detection, sensor at the end of the spout optimises detection.
- Chrome-plated metal body.
- PEX flexibles Ø 15mm for compression fittings with stopcock, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Side temperature control with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 10-year warranty.

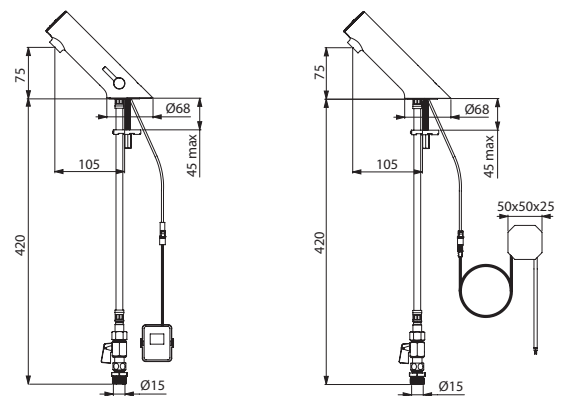


Standard lever

TEMPOMATIC MIX 5 mixer		
Mains supply - recessed unit	49900015	£333.15
Mains supply - plug-in	49900115	£333.15
Battery-operated	49900615	£333.15
TEMPOMATIC 5 tap		
Mains supply - recessed unit	44900015	£294.10
Mains supply - plug-in	44900115	£294.10
Battery-operated	44900615	£294.10

We recommend installing a TMV for taps (see page 151)

**Option:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)



49900615

44900015





- **Water savings:** 85%
- **Hygiene:** no manual contact, anti-bacterial duty flush, reduced-stagnation solenoid valves on the battery-operated versions
- **Maintenance:** LED diagnostic aids

## TEMPOMATIC 2

Deck-mounted electronic basin tap



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer or CR123 6V Lithium battery.**
- **Flow rate pre-set at 4 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush**  
(pre-set flush ~60 seconds every 24 hours after last use).
- Shock-resistant infrared presence detection sensor.
- Chrome-plated solid brass body.
- PEX flexible with filter and solenoid valve Ø 15mm for compression fittings.
- Fixing reinforced by 2 stainless steel rods.
- Anti-blocking security.
- Suitable for people with reduced mobility.
- 10-year warranty.

### On mixers:

- Side temperature control with adjustable maximum temperature limiter.
- Solenoid valves are upstream of the mixing chamber.



Standard lever



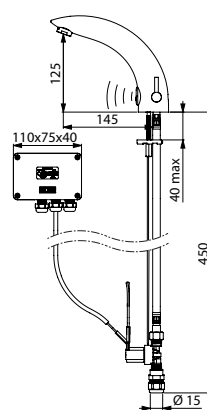
Long lever

TEMPOMATIC MIX 2 mixer		
Mains supply, standard temperature lever	49400015	£565.86
Battery-operated, standard temperature lever	49400615	£673.02
TEMPOMATIC 2 tap		
Mains supply	44400015	£446.24
Battery-operated	44400615	£516.75

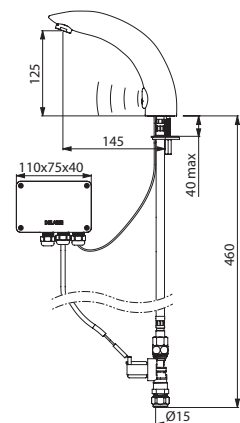
We recommend installing a TMV for taps (see page 151)

**Options:** factory pre-set at 1.4 lpm for environmental labels  
(add "LD" after the reference)

For long lever, please add "LH" after the reference



49400015



44400015



- **Water savings:** 85%
- **Hygiene:** no manual contact, duty flush and removable spout with smooth interior (anti-bacterial proliferation), reduced-stagnation solenoid valves on the battery-operated versions
- **Comfort:** mains supply versions have several shut-off options available

**TEMPOMATIC PRO**

Deck-mounted electronic basin tap/mixer



- Independent IP65 electronic control unit.
- 230/12V mains supply with transformer or battery-operated with CR123 6V Lithium batteries.
- Flow rate pre-set at 4 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant flow straightener.
- Adjustable duty flush (pre-set flush ~60 seconds every 24 hours after last use).
- Shock-resistant infrared presence detection sensor.
- Chrome-plated solid brass body with fixing reinforced by 2 stainless steel rods.
- PEX flexibles with filters and solenoid valves Ø 15mm for compression fittings.
- Swivelling spout with smooth interior (reduces bacterial development).
- Removable spout for cleaning.
- Anti-blocking security.
- Suitable for people with reduced mobility. 10-year warranty.

**On mixers:**

- Side temperature control with adjustable maximum temperature limiter and long ergonomic lever.
- Solenoid valves are upstream of the mixing chamber.

**Two shut-off options on mains models:**

**Standard mode:** timed flow with automatic shut-off.

**ON/OFF mode:** user shuts off flow voluntarily or automatic shut-off after 30 minutes of flow.

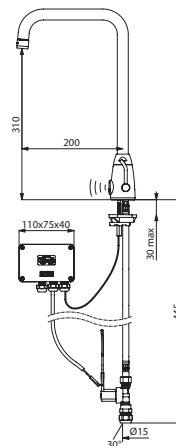
Thermal shocks are possible.

TEMPOMATIC MIX PRO mixer		
Mains supply	49525315	£602.63
Battery-operated	49525715	£715.28
TEMPOMATIC PRO tap		
Mains supply	44525315	£516.75
Battery-operated	44525715	£558.99

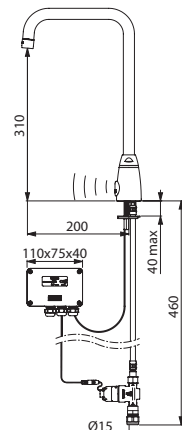
We recommend installing a TMV for taps (see page 151)  
**Option:** factory pre-set at 1.4 lpm for environmental labels  
 (add "LD" after the reference)



Long lever



49525315



44525715





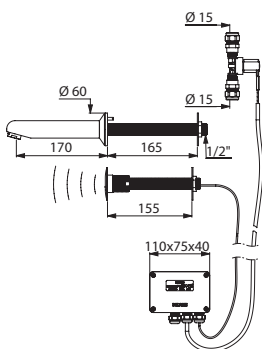
- **Water savings:** 90%
- **Hygiene:** no manual contact and anti-bacterial duty flush
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Maintenance:** LED diagnostic aids

## TEMPOMATIC

Wall-mounted electronic basin tap



- Independent IP65 electronic control unit.
- 230/12V mains supply with transformer.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Scale-resistant flow straightener.
- Adjustable duty flush  
(pre-set flush ~60 seconds every 24 hours after last use).
- Chrome-plated fixed spout L. 170mm with anti-rotating pin and back-nut.
- Wall plate flush to wall.
- Shock-resistant infrared presence detection sensor.
- Anti-blocking security.
- For wall partitions ≤ 155mm.
- M<sup>3/8</sup>" solenoid valve with filter seal.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 10-year warranty.



44115715



TEMPOMATIC cross wall tap	44115715	£517.42
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We recommend installing a TMV (see page 151)  
 Alternative spout and cross wall lengths available on request  
**Option:** factory pre-set at 1.4 lpm for environmental labels  
 (add "LD" after the reference)



## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Automatic timed shut-off, with no manual contact

DELABIE's time flow mixers and taps shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

### Hygienic flow straightener

Unlike conventional aerators, DELABIE's flow straighteners are specially made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower).

They minimise water retention and the build-up of dirt, and prevent the spread of germs.

### PEX flexible hoses

These flexible hoses will withstand the thermal and chemical shocks undertaken in public and commercial buildings for preventative or curative treatments against the development of bacteria.

## DESIGN

### Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre it is paramount that the product design fits in with its surroundings.

In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

### Design without constraints

Aesthetic products are subject to less vandalism as they are better respected.

The **smooth shape** of the mixers and taps reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

## 85% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional mixers and taps, DELABIE's time flow mixers and taps can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

- **Automatic shut-off and split delivery**  
The mixer or tap shuts off automatically after approximately 7 seconds of flow.

DELABIE's time flow mixers and taps remove the risk of waste through negligence.

The AB anti-blocking system available on certain models, prevents the valve from being blocked in the open position.

The flow time is reduced to the necessary minimum (wetting, rinsing).

- **Flow rate regulated at 3 lpm**

DELABIE's time flow mixers and taps are regulated at **3 lpm**. The flow rate remains constant regardless of pressure variations in the system. The flow rate is pre-set at 3 lpm at 3 bar. However, it can be adjusted from 1.4 (see *environmental labels*) to 6 lpm.

### Energy savings

DELABIE's time flow mixers and taps operate completely autonomously with no need for an electrical supply. They do **not consume any power at all**.

The significant **hot water savings** provided by DELABIE's mixers and taps also result in energy savings.

### Ecological

DELABIE's time flow mixers and taps are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

### Environmental labels

The water and energy saving performance of DELABIE's time flow mixers and taps means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

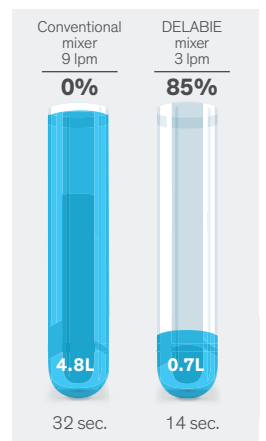
For more information see page 8.



Hygiene and controlling bacterial proliferation



Optimised time flow



Water savings per use

## COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional mixer and a DELABIE time flow mixer

Flow rate	Wetting	Soaping	Rinsing	Water consumption
9L	5 sec.	20 sec.	7 sec.	<b>4.8L</b> 32 sec.
3L	7 sec.	7 sec.	7 sec.	<b>0.7L</b> 14 sec.



Soft technology:  
soft-touch operation



AB anti-blocking system



Vandal-resistant



## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

### Soft technology: soft-touch operation

DELABIE has developed time flow mixers and taps with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the mixers and taps with no effort required.

**TEMPOSOFT** and **TEMPOMIX 3** models require half the effort to operate compared to conventional taps/mixers.

### AB anti-blocking system: waste prevention

To avoid abuse and waste, TEMPOSTOP and TEMPOMIX 3 models can be fitted with an **AB anti-blocking system**.

This prevents the valve from being blocked in the open position. Water will not flow unless the push-button is released.

### Temperature selection

**Mixer versions (MIX)** of DELABIE's time flow mixers and taps are available. They offer the user additional comfort by allowing them to choose the water temperature. Temperature adjustment is done via the single control (TEMPOMIX and TEMPOMIX 3) or using the side lever (TEMPOMIX 2 and TEMPOSOFT MIX).

### Anti-scalding safety

DELABIE's time flow mixers are supplied with a **pre-set maximum temperature limiter** that can be adjusted during installation. The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

### Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential HW / CW	$\Delta P < 1$ bar
Temperature limiter*	Can be adjusted
HW supply	55°C max
Adjustable flow rate	1.4 - 6 lpm
Time flow	7 seconds
Soft technology	TEMPOSOFT, TEMPOMIX, TEMPOMIX 3
Anti-blocking system	TEMPOSTOP, TEMPOSTOP 2, TEMPOMIX 2, TEMPOMIX 3
Recommended installation height for wall-mounted mixers/taps	110 - 200mm above base of bowl

\* Depending on model

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Resistant to intensive use and vandalism

DELABIE's time flow mixers and taps are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The mixer and tap bodies are made from brass, fitted with **shock-resistant** mechanisms.

The **reinforced fixings** will stand up to intensive use. **Streamlined designs** discourage attempts to pull them off.

For areas that require tamperproof installations, there are recessed and cross wall versions which have mechanisms that cannot be accessed by the user.

### Superior endurance

The time flow mechanisms in DELABIE mixers and taps are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**.

DELABIE's mixers and taps perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

### Easy to install

For a quick activation and comfort with no splashing all DELABIE's time flow mixers and taps are **pre-set at 3 lpm at 3 bar**. They can, however, be adjusted from 1.4 (*see environmental labels*) to 6 lpm.

They are supplied with a **pre-set maximum temperature limiter** to save time during installation, and can be adjusted by the installer.

### Minimal servicing

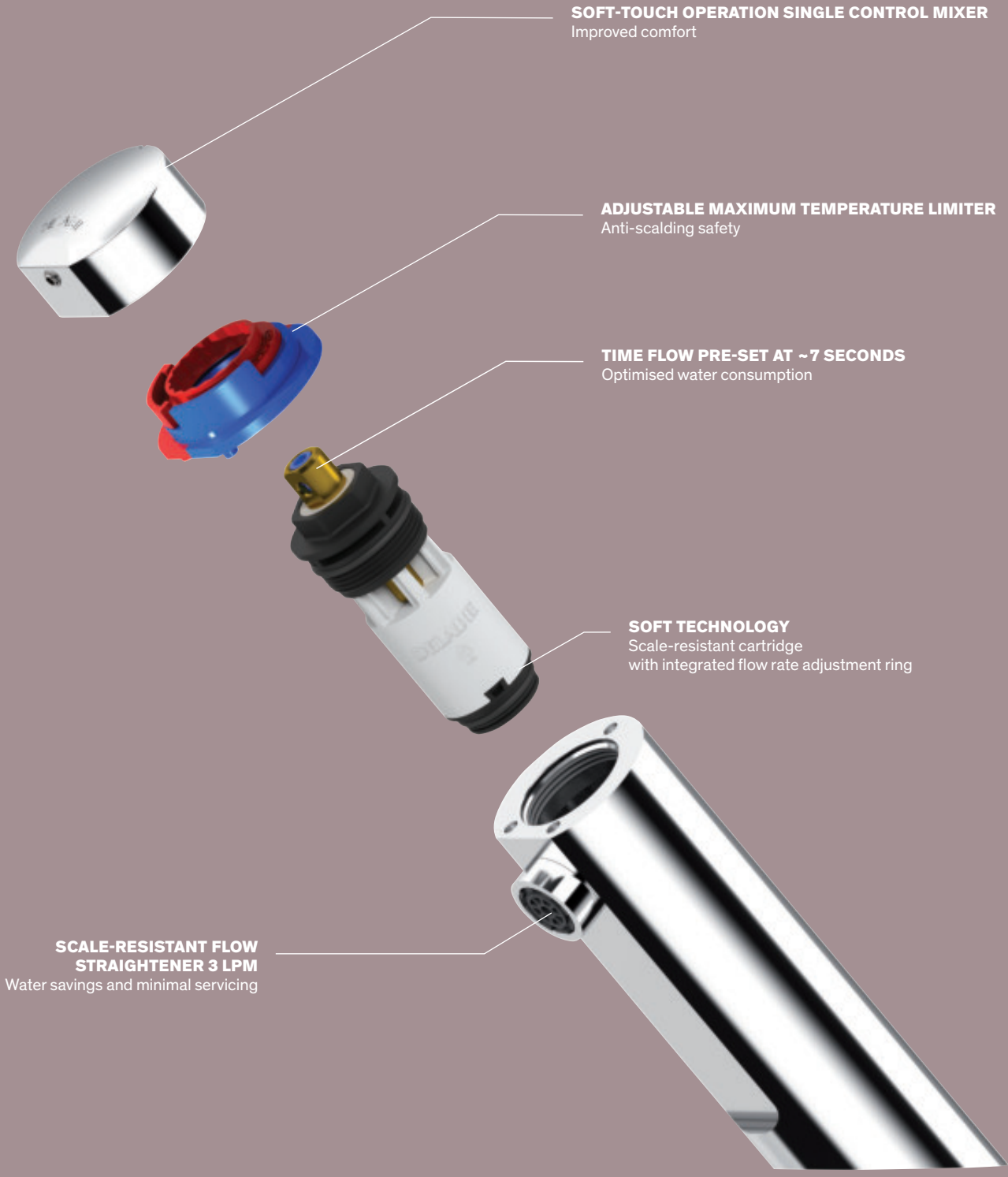
Flow straighteners and mechanisms are made from **scale-resistant materials** (Hostaform®).

The self-cleaning mechanisms are protected by filters.

### Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. The whole of the system is integrated within **an interchangeable cartridge without removing the tap**. For the mixer versions, non-return valves are integrated into the flexibles.

**10-year warranty** against any manufacturing defects.



**SOFT-TOUCH OPERATION SINGLE CONTROL MIXER**  
Improved comfort

**ADJUSTABLE MAXIMUM TEMPERATURE LIMITER**  
Anti-scalding safety

**TIME FLOW PRE-SET AT ~7 SECONDS**  
Optimised water consumption

**SOFT TECHNOLOGY**  
Scale-resistant cartridge  
with integrated flow rate adjustment ring

**SCALE-RESISTANT FLOW  
STRAIGHTENER 3 LPM**  
Water savings and minimal servicing



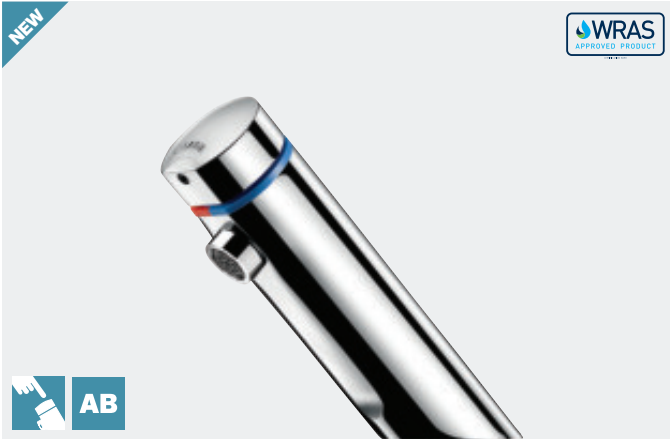
TEMPOMIX 3 deck-mounted time flow basin mixer **79400015** - Rectangular glass mirror **3454** - Wall-mounted stainless steel bin **510461P**  
TEMPOMIX 3 wall-mounted time flow basin mixer **794350** - HEMI round basin for recessed installation **120490** - Wall shelf **553**



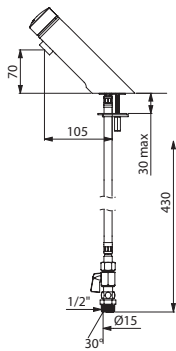
- **Water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** solid brass, streamlined design

### TEMPOMIX 3

Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated solid brass body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Adjustable maximum temperature limiter.
- **Available with AB anti-blocking system:** water will flow only when the push-button is released.
- Suitable for people with reduced mobility.
- 10-year warranty.



79400015

\* Provisional availability 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.

TEMPOMIX 3 deck-mounted mixer		
With stopcocks	79400015	£265.35
With stopcocks and AB system	79400015AB*	£271.42

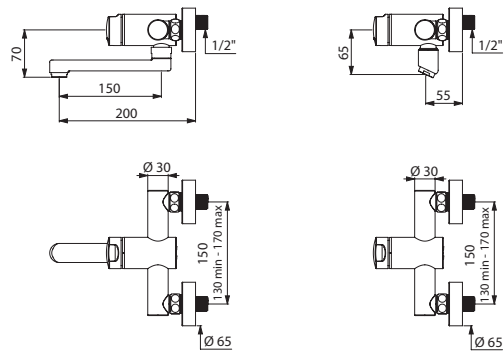
Options: comfort aerator (see page 72)  
Factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

### TEMPOMIX 3

Time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- Chrome-plated solid brass body M1/2".
- **Swivelling or fixed spout.**
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- Offset connectors M1/2" for centres 130 - 170mm.
- Suitable for people with reduced mobility.
- 10-year warranty.



794350

794370

TEMPOMIX 3 wall-mounted mixer		
With swivelling spout L. 150mm	794350	£351.99
With fixed spout L. 150mm	794360	£351.99
With fixed spout	794370	£323.84

Options: STOP/CHECK connectors (see page 72)  
Factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)







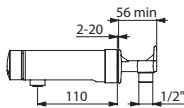
- **Water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** solid brass, streamlined design

## TEMPOMIX 3

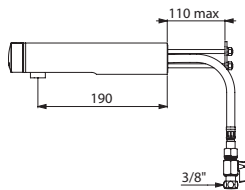
Wall-mounted time flow basin mixer with soft-touch operation



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof, scale-resistant flow straightener.**
- Chrome-plated solid brass body.
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- **Available with AB anti-blocking system:** water will flow only when the push-button is released.
- Suitable for people with reduced mobility.
- 10-year warranty.



794050



794165

\* Provisional availability 1<sup>st</sup> half 2023.

Please contact the sales office to check availability.

### TEMPOMIX 3 wall-mounted mixer

#### Wall-mounted (recessed water inlets) - 1/2"

L. 110mm without stopcocks	<b>794050</b>	<b>£333.50</b>
L. 190mm without stopcocks	<b>794055</b>	<b>£380.69</b>

#### Cross wall - PEX flexibles 3/8"

L. 110mm without stopcocks	<b>794150</b>	<b>£249.70</b>
L. 110mm without stopcocks and AB system	<b>794150AB*</b>	<b>£262.70</b>
L. 110mm with stopcocks	<b>794160</b>	<b>£263.58</b>
L. 110mm with stopcocks and AB system	<b>794160AB*</b>	<b>£276.59</b>
L. 190mm without stopcocks	<b>794155</b>	<b>£295.47</b>
L. 190mm without stopcocks and AB system	<b>794155AB*</b>	<b>£308.49</b>
L. 190mm with stopcocks	<b>794165</b>	<b>£309.35</b>
L. 190mm with stopcocks and AB system	<b>794165AB*</b>	<b>£322.36</b>

**Options:** comfort aerator (see page 72)

Factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

## Recessed water inlets

3 installation options



Recessed in concrete



Plasterboard rails



Solid walls

## Cross wall







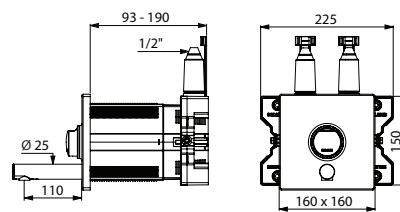
- **Water savings:** 85%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** recessed installation, concealed fixings
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

### TEMPOMIX 3

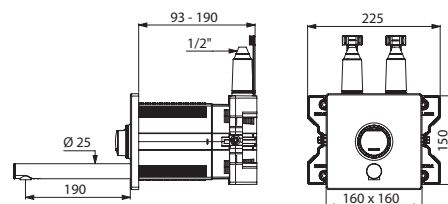
Recessed time flow basin mixer with soft-touch operation



- **Tamperproof chrome-plated metal control plate 160 × 160mm.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installations (rails, solid walls, panels).
  - Compatible with wall finishes from 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcocks and flow rate adjustment, filters, non-return valves and cartridge are all integrated and accessible from the front.
  - TEMPOMIX 3 single control mixer F1/2".
  - Supplied in 2 kits: secure system flush without sensitive elements.
- **Temperature control and operation via the push-button.**
- Maximum temperature limiter (can be adjusted by installer).
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Spout with smooth interior** and low water volume (reduces bacterial development).
- 10-year warranty.



794BOX3 + 794200



794BOX3 + 794250

TEMPOMIX 3 mixer recessed in waterproof housing		
Spout L. 110mm	<b>794BOX3</b> + <b>794200</b>	<b>£309.76</b> <b>£302.21</b>
Spout L. 190mm	<b>794BOX3</b> + <b>794250</b>	<b>£309.76</b> <b>£315.96</b>

**Options:** comfort aerator or BIOSAFE outlet (see page 72)  
Factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)





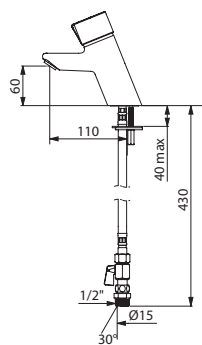
- **Water savings:** 85%
- **Vandal-resistant:** chrome-plated solid brass, deck-mounted with reinforced fixing or cross wall versions
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation

### TEMPOMIX

Deck-mounted time flow basin mixer



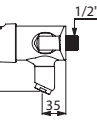
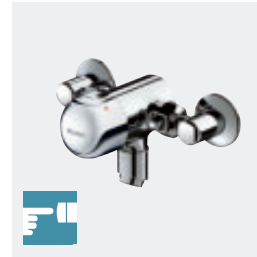
- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- Chrome-plated solid brass body.
- **Ergonomic chrome-plated metal push-button.**
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Adjustable maximum temperature limiter.
- 10-year warranty.



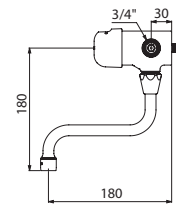
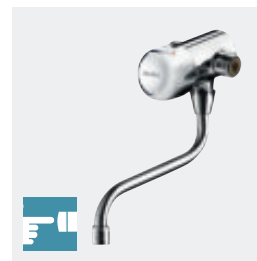
79500015

### TEMPOMIX

Wall-mounted or cross wall time flow basin mixer

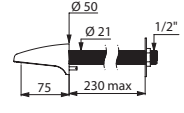
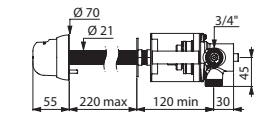
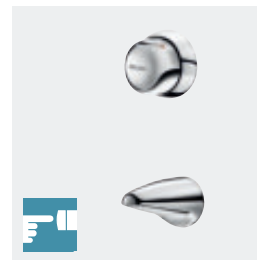


796838



798152

Wall-mounted time flow mixer with fixed or swivelling spout.



795209

Cross wall time flow mixer:

- Tamperproof cross wall control ≤ 220mm and tamperproof fixed cross wall spout ≤ 230mm.
- System for fixing to the wall via anti-rotating pin, back-nut and connection clamp.
- Cut-to-size threaded rods.

TEMPOMIX wall-mounted mixer		
With fixed spout	796000	£277.78
With fixed spout and elbow unions	796838	£335.82
With swivelling spout	798152	£290.11
Elbow union M $\frac{1}{2}$ " - F $\frac{3}{4}$ "	838020	£34.58
STOP union M $\frac{1}{2}$ " - F $\frac{3}{4}$ "	836020	£47.56
Reinforced wall plate Ø 80mm	824800	£31.60
TEMPOMIX cross wall mixer		
TEMPOMIX cross wall	795209	£457.38
Back nut F $\frac{1}{2}$ " with 3 screws <i>(reinforcing clamp behind the wall)</i>	826315	£10.26

Alternative spout and cross wall lengths on request  
**Option:** factory pre-set at 1.4 lpm for environmental labels  
*(add "LD" after the reference)*

TEMPOMIX deck-mounted mixer	79500015	£265.43
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**Options:** comfort aerator (see page 72)  
 Factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)





- **Water savings:** 85%
- **Vandal-resistant:** solid brass, reinforced fixings, streamlined design
- **Comfort:** temperature selection via side temperature lever on mixers, soft-touch operation

### TEMPOSOFT MIX 2

Deck-mounted time flow basin mixer with soft-touch operation



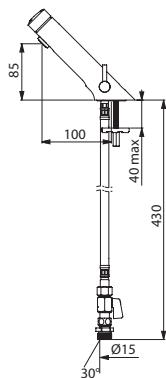
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body.
- PEX flexibles with filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Side temperature control lever with adjustable maximum temperature limiter on mixers.
- Suitable for people with reduced mobility.
- 10-year warranty.



Standard lever



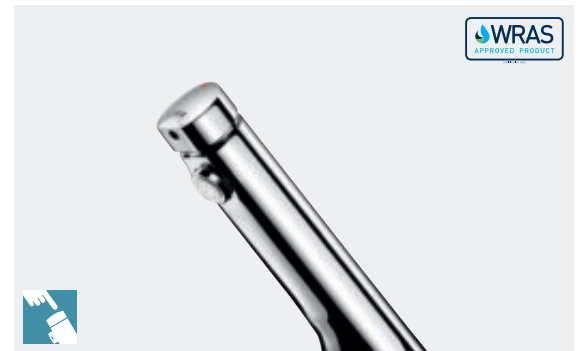
Long lever



74250015

### TEMPOSOFT 2

Time flow basin tap with soft-touch

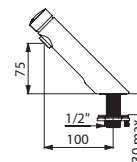


### TEMPOSOFT 2

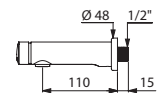
Wall-mounted time flow tap with soft-touch



- Chrome-plated solid brass body M $\frac{1}{2}$ ".
- Supplied with blue and red markers.



740300



741500

TEMPOSOFT 2 deck-mounted tap		
Fixing reinforced by back-nut with 3 stainless steel screws	<b>740300</b>	<b>£96.84</b>
Fixing with back-nut	<b>740500</b>	<b>£86.42</b>
TEMPOSOFT 2 wall-mounted tap		
L. 110mm	<b>741500</b>	<b>£84.85</b>
L. 150mm	<b>741550</b>	<b>£102.24</b>
L. 150mm with back nut	<b>741555</b>	<b>£136.68</b>

We recommend installing a TMV (see page 151)

<b>TEMPOSOFT MIX 2 deck-mounted mixer</b> With stopcocks, Ø 15mm for compression fittings	<b>74250015</b>	<b>£202.80</b>
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For long lever, please add "LH" after the reference







- **Water savings:** 85%
- **Vandal-resistant:** solid brass, reinforced fixing, streamlined design
- **Comfort:** soft-touch operation

### TEMPOSOFT MIX

Deck-mounted time flow basin mixer with soft-touch operation



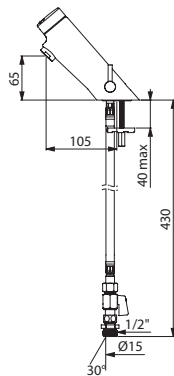
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant aerator.**
- Chrome-plated solid brass body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Side temperature control with adjustable maximum temperature limiter.
- Suitable for people with reduced mobility.
- 10-year warranty.



Standard lever



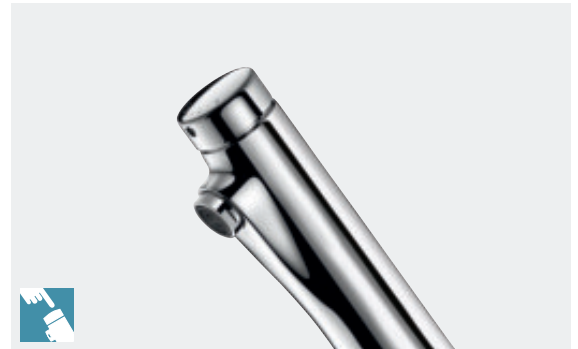
Long lever



74200015

### TEMPOSOFT

Time flow basin tap with soft-touch



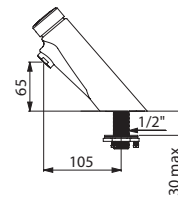
- Fixing reinforced by back-nut with 3 stainless steel screws.

### TEMPOSOFT

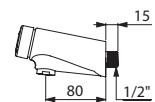
Wall-mounted time flow tap with soft-touch



- Chrome-plated solid brass body M1/2".
- Supplied with red and blue markers.



740000



741000

TEMPOSOFT tap		
Deck-mounted	<b>740000</b>	<b>£215.07</b>
Wall-mounted	<b>741000</b>	<b>£150.57</b>

We recommend installing a TMV (see page 151)

**Option:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

<b>TEMPOSOFT MIX deck-mounted mixer</b>	<b>74200015</b>	<b>£316.00</b>
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**Options:** factory pre-set at 1.4 lpm (add "LD" after the reference)  
For long lever, please add "LH" after the reference





- **Water savings:** 85%
- **Vandal-resistant:** solid brass, reinforced fixing, anti-blocking (AB) system
- **Comfort:** soft-touch operation on lever-operated models

## TEMPOMIX 2 / TEMPOSTOP 2

Deck-mounted time flow basin tap/mixer



AB

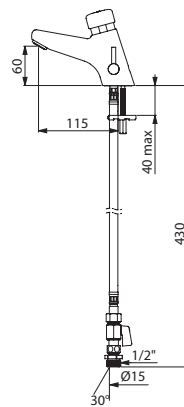
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body.
- PEX flexibles Ø 15mm for compression fittings with stopcocks, filters and non-return valves.
- Fixing reinforced by 2 stainless steel rods.
- Side temperature control lever with adjustable maximum temperature limiter on mixer models.
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- **Push-button or lever-operated control** (soft-touch operation).
- 10-year warranty.



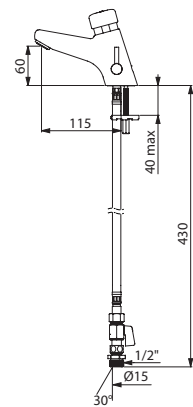
Standard lever



Long lever



70000015



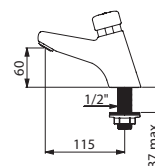
70000115

TEMPOMIX 2 mixer		
With stopcocks	70000015	£262.20
With stopcocks and AB system	70000115	£275.59
<b>TEMPOMIX 2 lever-operated mixer</b>	<b>70040015</b>	<b>£294.43</b>
TEMPOSTOP 2 tap		
Fixing with back-nut	702000	£169.78
Fixing reinforced by 3 stainless steel screws and AB system	702301	£194.00
<b>TEMPOSTOP 2 lever-operated tap</b>	<b>702400</b>	<b>£196.63</b>

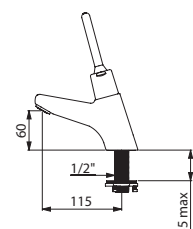
We recommend installing a TMV for taps (see page 151)

For long lever, please add "LH" after the reference

**Option for AB versions:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)



702000



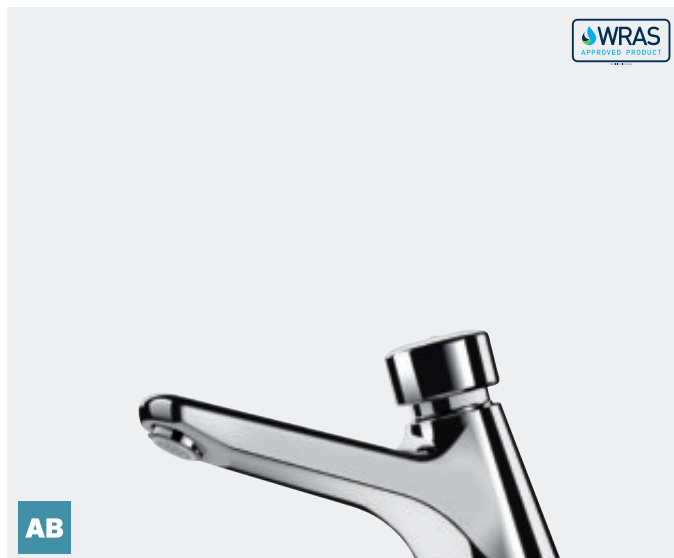
702400



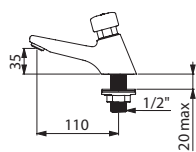
- **Water savings:** 85%
- **Vandal-resistant:** solid brass, reinforced fixing, anti-blocking (AB) system

## TEMPOSTOP

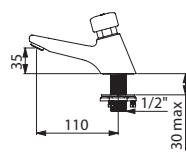
Time flow basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body M1/2".
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 10-year warranty.



745100



745301

TEMPOSTOP tap		
Fixing with back-nut	<b>745100</b>	<b>£75.66</b>
Fixing with back-nut and AB system	<b>745101</b>	<b>£88.25</b>
Fixing reinforced with 3 stainless steel screws	<b>745300</b>	<b>£87.93</b>
Fixing reinforced with back-nut with 3 stainless steel screws and AB system	<b>745301</b>	<b>£92.38</b>

We recommend installing a TMV (see page 151)

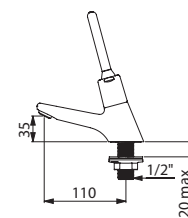
**Option for AB versions:** factory pre-set at 1.4 lpm (add "LD" after the reference)

## TEMPOSTOP

Time flow lever-operated basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body M1/2".
- Fixing with back-nut.
- **Lever-operated** (soft-touch operation).
- 10-year warranty.



745440

<b>TEMPOSTOP lever-operated tap</b>	<b>745440</b>	<b>£103.43</b>
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We recommend installing a TMV (see page 151)



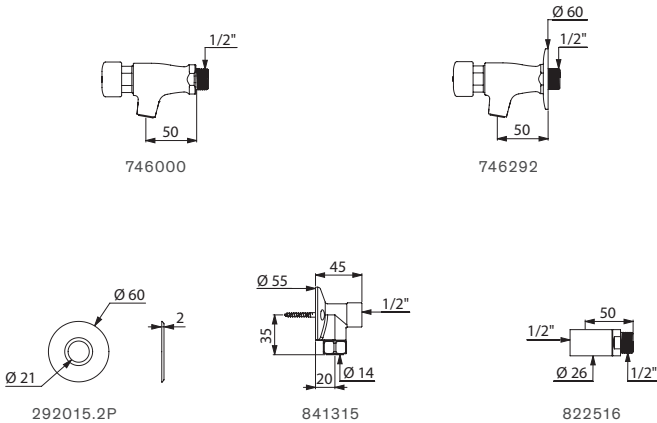
- **Water savings:** 85%
- **Vandal-resistant:** solid brass, anti-blocking (AB) system

## TEMPOSTOP

Wall-mounted time flow basin tap

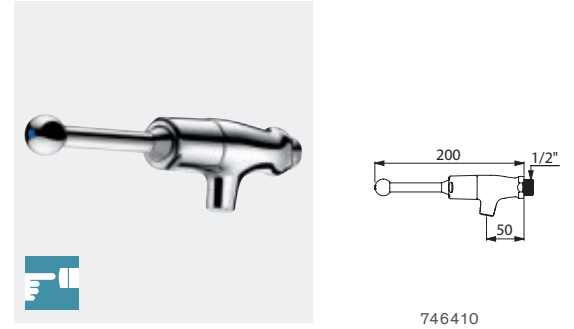


- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body M1/2".
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- **Push-button or lever-operated control.**
- 10-year warranty.

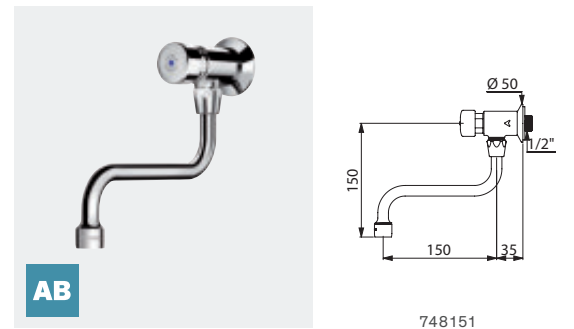


## TEMPOSTOP

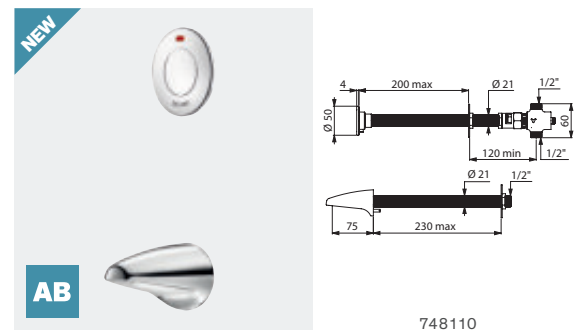
Wall-mounted or cross wall time flow basin tap



746410  
Wall-mounted lever-operated time flow tap



748151  
Wall-mounted time flow tap with swivelling spout:  
• Time flow ~15 seconds. Suitable for wash tubs.



748110  
**Cross wall time flow tap:**  
• Control ≤ 200mm and spout ≤ 230mm, cut-to-size.  
• Anti-rotating pin and back-nut. AB anti-blocking system.  
• Chrome-plated metal control.

TEMPOSTOP wall-mounted tap		
M1/2"	746000	£57.01
M1/2" with wall plate	746292	£59.63
M1/2" and AB system	746001	£65.60
Accessories		
Wall plates Ø 60mm (2 per pack)	292015.2P	£10.28
Backplate elbow MF1/2"	841315	£38.25
Extension MF1/2" L. 50mm Ø 26mm	822516	£17.56
Extension MF1/2" L. 100mm Ø 24mm	822115	£22.78

We recommend installing a TMV (see page 151)

**Option for AB versions:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)

TEMPOSTOP tap		
Wall-mounted lever-operated tap	746410	£85.30
Wall-mounted with swivelling spout	748150	£100.21
Wall-mounted with swivelling spout and AB system	748151	£117.59
Cross wall and AB system	748110	£212.90
Back-nut F1/2" with 3 stainless steel screws	826315	£10.26

We recommend installing a TMV (see page 151)

Alternative cross wall lengths (up to 400mm) available on request

**Option for AB versions:** factory pre-set at 1.4 lpm for environmental labels (add "LD" after the reference)



Time flow knee-operated tap TEMPOGENOU 734100 - Swivel swan neck spout 967152 - FACIL wall-mounted washbasin 121800 - Soap dispenser 510582



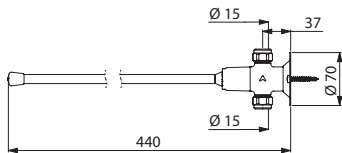
- **Hygiene:** no manual contact, automatic timed or instant shut-off
- **Comfort:** automatic shut-off

### TEMPOGENOU

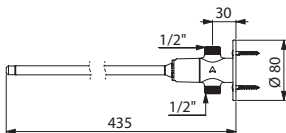
Knee-operated time flow basin valve



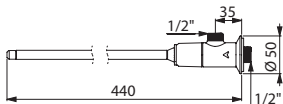
- Time flow ~7 seconds.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Reinforced control lever.
- Solid brass wall plate with reinforced fixing via 4 stainless steel screws on the in-line model.
- Cold or mixed water supply.
- **Chrome-plated solid brass body.**
- 10-year warranty.



73544715



735400



734100

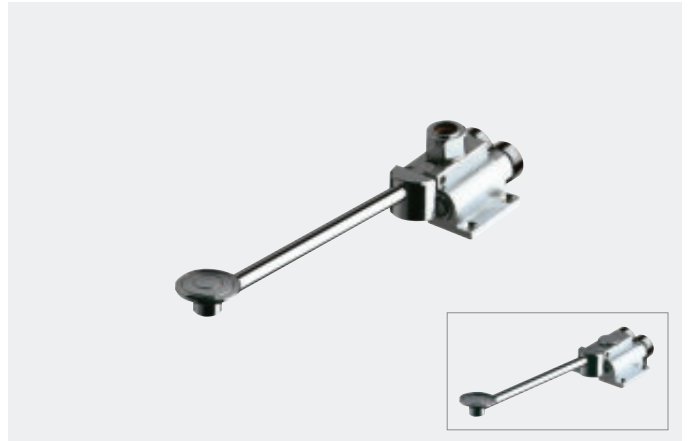
TEMPOGENOU valve		
Straight for in-line inlet, Ø 15mm for compression fittings	<b>73544715</b>	<b>£153.68</b>
Straight for in-line inlet, stud nut	<b>735000</b>	<b>£131.38</b>
Straight for in-line inlet, M1/2"	<b>735400</b>	<b>£121.01</b>
Angled for recessed inlet, M1/2"	<b>734100</b>	<b>£120.89</b>

We recommend installing a TMV (see page 151)

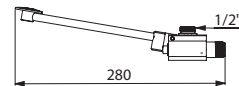
**Option:** spouts (see page 71)

### MIXFOOT / MONOFOOT

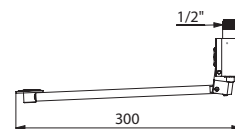
Foot-operated basin mixer/valve with instant shut-off



- Instant automatic shut-off.
- Pedal can be raised for cleaning the floor.
- Adjustable pedal height.
- Fixed by 4 screws.
- Filters.
- Pre-set mixing can be adjusted on the MIXFOOT mixer version: half open for cold water and fully open for mixed water (pedal touching the floor).
- Available for floor or wall-mounting.
- 10-year warranty.



739100



736102

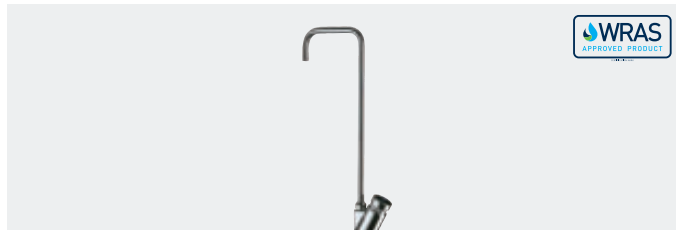
MIXFOOT mixer		
Floor-mounted, stud nut Ø 14mm	<b>739000</b>	<b>£204.98</b>
Floor-mounted M1/2"	<b>739100</b>	<b>£200.26</b>
Wall-mounted M1/2"	<b>739102</b>	<b>£210.21</b>
MONOFOOT valve		
Floor-mounted, stud nut Ø 14mm	<b>736001</b>	<b>£179.28</b>
Floor-mounted M1/2"	<b>736101</b>	<b>£172.08</b>
Wall-mounted M1/2"	<b>736102</b>	<b>£197.01</b>

We recommend installing a TMV (see page 151) with the MONOFOOT valve

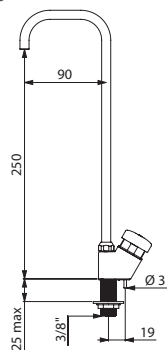
**Option:** spouts (see page 71)

## Swan neck tap

For water fountains



- Instant shut-off.
- Adjustable flow rate.
- Chrome-plated brass body and stainless steel spout.
- 10-year warranty.

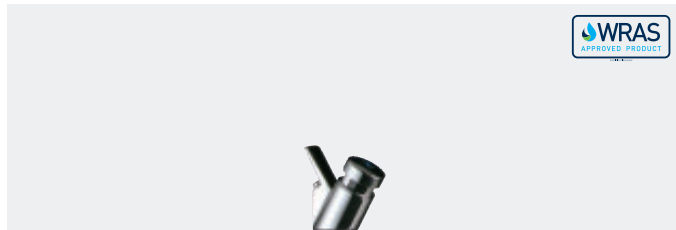


311QU1

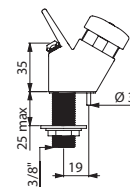
Swan neck tap		
For Rilsan tube 4 × 6	<b>311TR1</b>	<b>£117.11</b>
M $\frac{3}{8}$ "	<b>311QU1</b>	<b>£118.42</b>

## Bubbler

For water fountains



- Instant shut-off.
- Adjustable flow rate.
- Chrome-plated brass.
- M $\frac{3}{8}$ ".
- 10-year warranty.

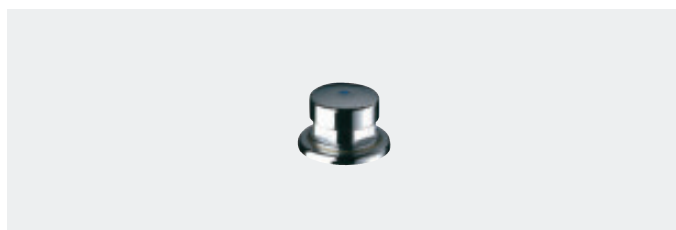


312QU1

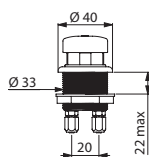
<b>Bubbler</b>	<b>312QU1</b>	<b>£86.68</b>
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## Push-button control

For swan neck taps and bubblers



- Instant shut-off.
- For swan neck spouts and bubblers.
- Chrome-plated brass.
- Connector for Rilsan tube 4 × 6.
- 10-year warranty.



319T61

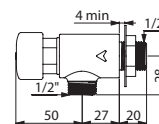
<b>Push-button control</b>	<b>319T61</b>	<b>£90.70</b>
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## TEMPOSTOP

For hand washbasins



- Time flow ~7 seconds.
- Flow rate pre-set at 3 lpm at 3 bar, can be adjusted from 1.4 - 6 lpm.
- Rough cast brass body.
- Inlet M $\frac{1}{2}$ ".
- To be placed behind hand washbasin wall plate.
- 10-year warranty.



748626

TEMPOSTOP tap		
With push-button	<b>748626</b>	<b>£71.55</b>
Without push-button	<b>748126</b>	<b>£68.57</b>

We recommend installing a TMV (see page 151)

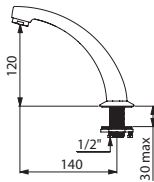


**Fixed, cast spout**

Deck-mounted



- Spout L. 140mm, H. 120mm, M1/2".
- Reinforced fixing by 3 stainless steel screws.
- Chrome-plated solid brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 10-year warranty.



981142

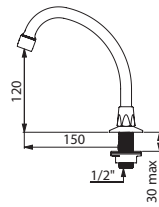
<b>Fixed, cast spout</b>	<b>981142</b>	<b>£99.27</b>
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**Swivelling swan neck spout**

Deck-mounted



- Swan neck spout M1/2".
- Fixing by back-nut.
- Chrome-plated brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 10-year warranty.



967152

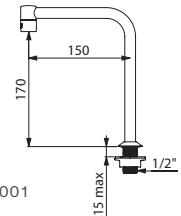
<b>Swivelling swan neck spout</b>		
L. 150mm H. 120mm	<b>967152</b>	<b>£48.46</b>
L. 200mm H. 200mm	<b>967202</b>	<b>£51.08</b>

**Tubular spout**

Deck-mounted



- Tubular spout on base M1/2".
- Chrome-plated brass.
- Spout with smooth interior (reduces bacterial development).
- Scale-resistant flow straightener.
- 10-year warranty.

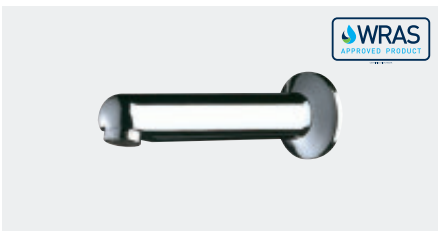


204001

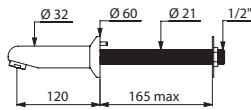
<b>Swivelling tubular spout Ø 22mm</b>		
L. 150mm H. 140mm, 3 lpm	<b>1306T1</b>	<b>£105.84</b>
L. 200mm H. 260mm, 3 lpm	<b>1306T2</b>	<b>£122.55</b>
L. 300mm H. 260mm	<b>1306T3</b>	<b>£133.30</b>
<b>Fixed tubular spout Ø 16mm</b>	<b>204001</b>	<b>£75.93</b>

**Fixed spout**

Wall-mounted / Cross wall



- Spout Ø 32mm, M1/2".
- Chrome-plated solid brass.
- Scale-resistant flow straightener regulated at 3 lpm.
- 10-year warranty.

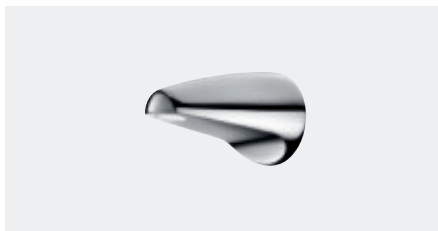


947151

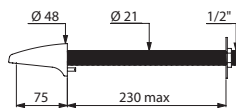
<b>Cross wall spout with wall plate</b>		
L. 120mm	<b>947151</b>	<b>£120.68</b>
L. 170mm	<b>947157</b>	<b>£145.31</b>
<b>Wall-mounted spout no wall plate (recessed inlet)</b>		
L. 110mm	<b>947120</b>	<b>£74.72</b>
L. 160mm	<b>947170</b>	<b>£96.10</b>
<b>Wall-mounted spout with wall plate (recessed inlet)</b>		
L. 120mm	<b>947135</b>	<b>£87.09</b>

**Fixed spout**

Cross wall



- Spout L. 75mm, M1/2".
- For cross wall installation with anti-rotating pin.
- Threaded rod can be cut to size.
- Streamlined, ligature-resistant design.
- Chrome-plated solid brass.
- Star-shaped scale-resistant flow straightener.
- 10-year warranty.



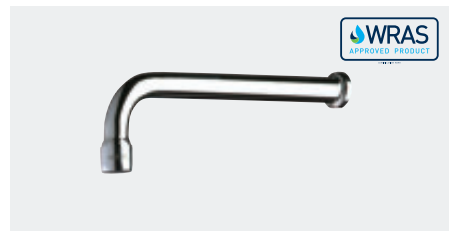
942200

<b>Cross wall fixed spout</b>		
For walls ≤ 230mm	<b>942200</b>	<b>£86.55</b>
For panels ≤ 30mm	<b>942040</b>	<b>£70.40</b>
Back-nut with 3 screws	<b>826315</b>	<b>£10.26</b>

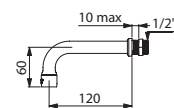
Alternative cross wall lengths available on request

**Fixed L-shaped spout**

Wall-mounted



- Tubular spout Ø 18mm, M1/2".
- L. 120mm.
- Chrome-plated brass.
- Flow straightener.
- 10-year warranty.

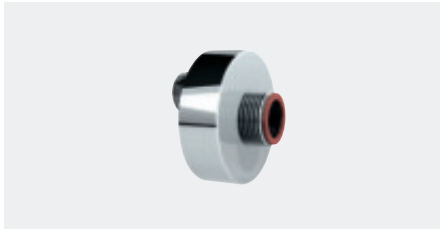


941922

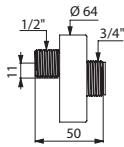
<b>Wall-mounted L-shaped universal spout</b>		
Star-shaped flow straightener	<b>941120</b>	<b>£45.18</b>
Flow straightener regulated at 3 lpm for panels ≤ 10mm	<b>941922</b>	<b>£54.65</b>

**Offset connector**

Standard



- Offset standard connector 11mm.
- M1/2" - M3/4".
- Escutcheon Ø 64mm.
- L. 50mm.
- Chrome-plated brass.
- Supplied in packs of 2.
- 10-year warranty.

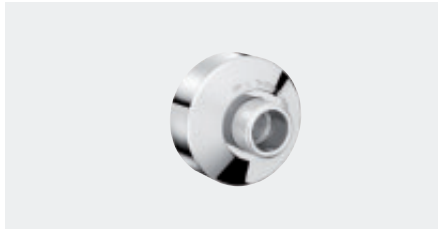


856794.2P

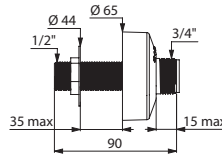
<b>Offset standard connector</b>	<b>856794.2P</b>	<b>£31.77</b>
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**In-line connector**

With STOP/CHECK



- Chrome-plated brass connector.
- M1/2" - M3/4".
- Escutcheon Ø 65mm.
- In-line for cross wall installation.
- STOP function: integrated stopcock.
- CHECK function: checks if non-return valves are watertight where fitted to mixers (DELABIE patented).
- Supplied in packs of 2.
- 10-year warranty.



855755UK.2P

<b>Wall connector with STOP/CHECK</b>	<b>855755UK.2P</b>	<b>£84.34</b>
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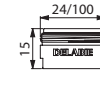
**ECO flow straightener**

Pre-set at 3 lpm

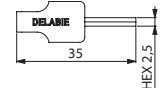


- Flow straightener pre-set at 3 lpm (DELABIE patented).
- Flow rate can be adjusted from 1.4 - 6 lpm at 3 bar (depending on the mixer/tap model) from the outside with a 2.5mm Allen key.
- Flow straightener with no grid: reduces bacterial development (no water retention or scale deposits).
- Supplied in packs of 2.

*The water savings generated by the ECO flow straightener surpass the requirements of class 'Z' of the European standard EN 246.*



922024.2P



C282025

<b>Scale-resistant ECO flow straightener</b>		
M24/100	<b>922024.2P</b>	<b>£10.80</b>
F22/100	<b>922022.2P</b>	<b>£10.80</b>
2.5mm Allen key	<b>C282025</b>	<b>£11.97</b>

**ECO aerator**

1.4 lpm



- Rain effect aerator.
- 1.4 lpm.
- Ref. 925716.2P to screw in.
- Ref. 925724.2P to insert in an aerator carrier.
- Complies with environmental label requirements.
- Supplied in packs of 2.



925716.2P



925724.2P

<b>ECO aerator</b>		
M16.5/100	<b>925716.2P</b>	<b>£18.52</b>
M24/100	<b>925724.2P</b>	<b>£13.05</b>

**Comfort aerator**

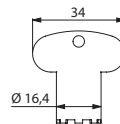
M16.5/100



- Aerator with comfortable spray.
- M16.5/100.
- Supplied in packs of 2.



925616.2P



222429

<b>Aerator M16.5/100</b>		
Aerator	<b>925616.2P</b>	<b>£15.22</b>
Service key	<b>222429</b>	<b>£4.38</b>

**BIOSAFE outlet**

M16.5/100



- BIOSAFE free flow hygienic outlet.
- M16.5/100.
- With no grid or partitions in contact with the water.
- Water cannot stagnate in the internal part reducing bacterial development.
- Made from Hostaform® reducing the build-up of scale.
- For TEMPOMIX 3 recessed and TEMPOMATIC 4 wall-mounted.
- Supplied in packs of 2.



923016.2P

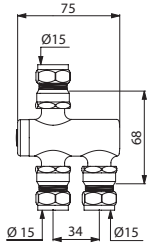
<b>BIOSAFE outlet M16.5/100</b>		
BIOSAFE outlet	<b>923016.2P</b>	<b>£8.86</b>
Service key	<b>222429</b>	<b>£4.38</b>

**PREMIX NANO**

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 34 - 60°C.
- To be placed upstream of the mixer/tap.
- Anti-scalding failsafe.
- Filters and non-return valves.
- Thermal shocks are possible.
- For 1 or 2 taps.
- 10-year warranty.



732116

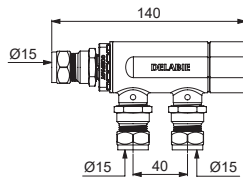
PREMIX NANO		
Nickel, M $\frac{1}{2}$ " Ø 15mm	<b>732115</b>	<b>£87.66</b>
Nickel, F $\frac{1}{2}$ " Ø 15mm	<b>732115MEC</b>	<b>£110.24</b>
Polished, M $\frac{1}{2}$ " Ø 15mm	<b>732116</b>	<b>£103.17</b>

**PREMIX COMPACT**

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 30 - 60°C.
- To be placed upstream of the mixer/tap.
- Anti-scalding safety.
- Filters and non-return valves.
- Thermal shocks are possible.
- 10-year warranty.



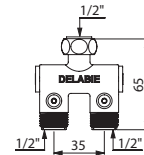
733115

PREMIX COMPACT		
M $\frac{1}{2}$ " Ø 15mm - 2 to 7 taps	<b>733115</b>	<b>£122.01</b>
M $\frac{3}{4}$ " Ø 15mm - 2 to 10 taps	<b>733116</b>	<b>£165.17</b>

**Pre-mixer Compact**



- For installation beneath the basin.
- Nickel-plated body MF $\frac{1}{2}$ ".
- Controllable non-return valves and filters.
- 10-year warranty.



200000

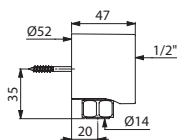
<b>Pre-mixer Compact</b>	<b>200000</b>	<b>£83.92</b>
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**Reinforced exposed union**

For TEMPOMATIC 3 and 4



- Reinforced exposed union.
- Supplied with sleek concealment plate.
- Recommended for the installation of TEMPOMATIC 3 or TEMPOMATIC 4 wall-mounted basin taps with exposed supply.
- 10-year warranty.



841215

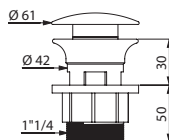
<b>Reinforced exposed union with cover</b>	<b>841215</b>	<b>£48.17</b>
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**ON/OFF waste**

With stainless steel valve



- Washbasin waste M $\frac{1}{4}$ " with stainless steel valve with free flow.
- Recommended for all washbasins equipped with electronic or time flow mixers/taps and washbasins with an overflow.
- Open/close by pressing the top of the waste.
- 10-year warranty.



581000

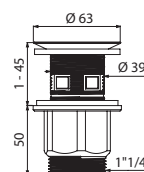
<b>ON/OFF waste</b>	<b>581000</b>	<b>£36.31</b>
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**HYGIÉNA waste**

With concave grid



- Hygienic washbasin waste, M $\frac{1}{4}$ ".
- Concave grid (no water retention).
- Free flow, with no central screw (avoids scale deposits and reduces bacterial development).
- Polished chrome-plated brass grid, chrome-plated ABS body.
- Pre-scored waste: snap off sections can be removed for models with overflow.
- Can be tightened to a minimum of 1mm or maximum of 45mm.
- 10-year warranty.



611

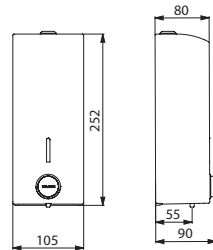
<b>HYGIÉNA waste</b>	<b>611</b>	<b>£31.02</b>
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**Wall-mounted liquid soap dispenser**

With soft-touch operation



- Vandal-resistant model with lock and standard DELABIE key.
- One-piece, hinged cover for easy maintenance and better hygiene.
- Push-button with soft-touch operation.
- Anti-blocking: single dose per press, even when the button is pressed for long periods.
- No waste, non-drip pump-action dispenser.
- Tank with large opening: eases transfer of soap from large containers.
- For vegetable-based liquid soap with a maximum viscosity of: 3,000 mPa.s.
- Compatible with hydroalcoholic gel. 10-year warranty.



510580

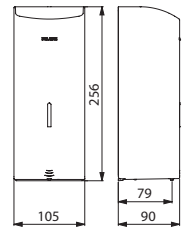
Soft-touch operation liquid soap dispenser - 1 Litre		
304 stainless steel bright polished finish	<b>510580</b>	<b>£117.83</b>
304 stainless steel polished satin finish	<b>510582</b>	<b>£110.34</b>
304 stainless steel white powder-coated	<b>510581</b>	<b>£104.23</b>

**Wall-mounted liquid soap dispenser**

Electronic



- Vandal-resistant model with lock and standard DELABIE key.
- No manual contact: hands are automatically detected by infrared cell.
- One-piece, hinged cover for easy maintenance and better hygiene.
- No waste pump dispenser: dispenses 0.8ml (can be adjusted up to 7 doses per activation).
- Power supply: 6 AA – 1.5V (DC9V) batteries supplied integrated in the soap dispenser body.
- For vegetable-based liquid soap with a maximum viscosity of: 3,000 mPa.s.
- Compatible with hydroalcoholic gel. 10-year warranty.

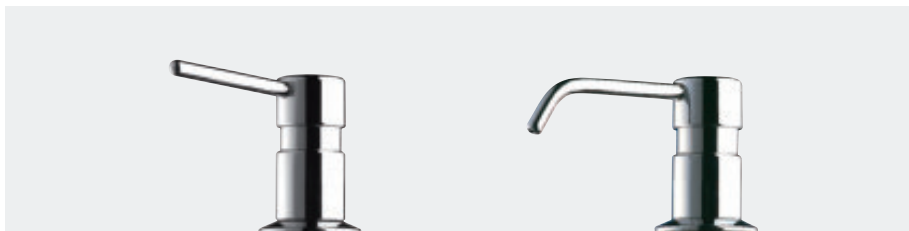


512066

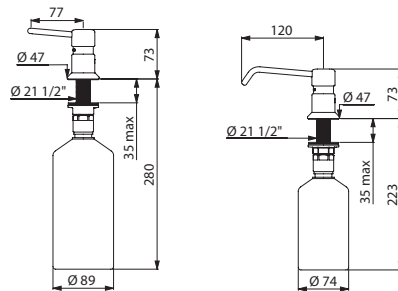
Electronic liquid soap dispenser – 1 Litre		
304 stainless steel bright polished finish	<b>512066P</b>	<b>£215.48</b>
304 stainless steel polished satin finish	<b>512066S</b>	<b>£215.48</b>
304 stainless steel white powder-coated	<b>512066W</b>	<b>£215.48</b>
304 stainless steel matte black powder-coated	<b>512066BK</b>	<b>£247.81</b>

**Deck-mounted liquid soap dispenser**

With straight or curved spout



- Model for installing on washbasins.
- Vandal-resistant model.
- Chrome-plated brass body and push-button.
- Non-drip system (waterproof).
- Mechanism can be locked via a grub screw.
- Top fill (by unscrewing the push-button) or from the lower part (by unscrewing the bottle).
- 10-year warranty.



729008

729512

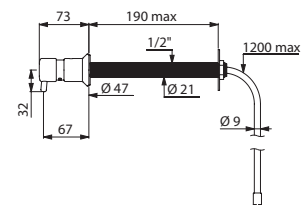
Deck-mounted liquid soap dispenser - Straight spout		
With 1 litre bottle	<b>729008</b>	<b>£99.01</b>
With 0.5 litre bottle	<b>729508</b>	<b>£99.01</b>
With 1.20m flexible tube for remote tank	<b>729108</b>	<b>£99.01</b>
Deck-mounted liquid soap dispenser - Curved spout		
With 1 litre bottle	<b>729012</b>	<b>£103.88</b>
With 0.5 litre bottle	<b>729512</b>	<b>£103.88</b>
With 1.20m flexible tube for remote tank	<b>729112</b>	<b>£103.88</b>

**Cross wall liquid soap dispenser**

With straight spout



- Vandal-resistant model for cross wall installation for walls up to 180mm.
- Chrome-plated brass body and push-button.
- Non-drip system (waterproof).
- Mechanism can be locked via a grub screw.
- For remote tanks (tank not supplied), with 1.20m flexible tube.
- 10-year warranty.



729150

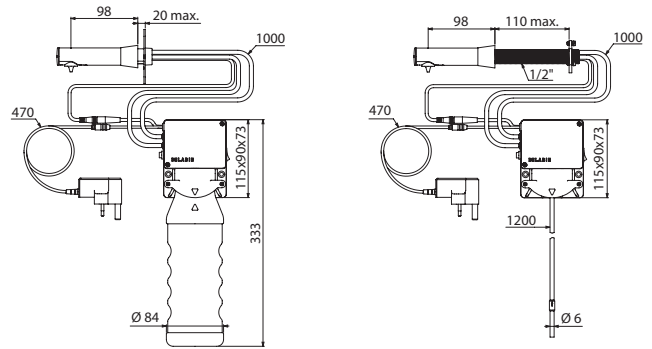
<b>Cross wall liquid soap dispenser</b>	<b>729150</b>	<b>£111.97</b>
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### BINOPTIC electronic liquid or foam soap dispenser

Wall-mounted or cross wall, mains supply



- Wall-mounted or vandal-resistant cross wall (TC) up to 110mm.
- No manual contact: infrared cell detects hands automatically.
- 304 stainless steel spout.
- No-waste pump dispenser.
- Independent electronic housing and removable tank enable installation beneath the washbasin.
- Mains supply with 230/6V transformer.
- For vegetable-based liquid soap with a maximum viscosity of 3,000 mPa.s or specialist foam soap.
- Models with tank: compatible with hydroalcoholic gel.
- Spout length: 115mm.
- CE marked.
- 10-year warranty.



512051PUK

512111PUK

#### Wall-mounted BINOPTIC electronic soap dispenser

##### Chrome-plated 304 stainless steel

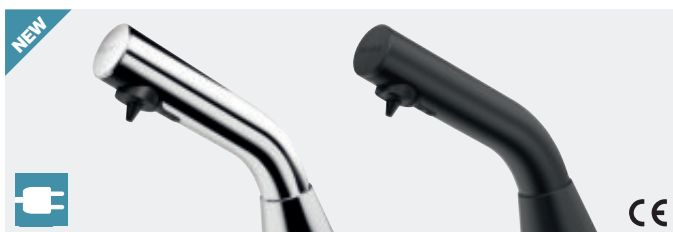
Wall-mounted, with 1 litre tank	<b>512051PUK</b>	<b>£297.84</b>
Wall-mounted, with 0.5 litre tank	<b>512551PUK</b>	<b>£297.84</b>
Wall-mounted, with 1.20m flexi. tube for remote tanks	<b>512151PUK</b>	<b>£297.84</b>
Cross wall, with 1.20m flexible tube for remote tanks	<b>512111PUK</b>	<b>£324.35</b>

##### Matte black 304 stainless steel

Wall-mounted, with 1 litre tank	<b>512051BKUK</b>	<b>£337.47</b>
Wall-mounted, with 0.5 litre tank	<b>512551BKUK</b>	<b>£337.47</b>
Wall-mounted, with 1.20m flexi. tube for remote tanks	<b>512151BKUK</b>	<b>£337.47</b>
Cross wall, with 1.20m flexible tube for remote tanks	<b>512111BKUK</b>	<b>£367.50</b>

### BINOPTIC electronic soap dispenser

Deck-mounted, mains supply



- No manual contact: infrared cell detects hands automatically.
- No-waste pump dispenser.
- Independent electronic housing and removable tank enable installation beneath the washbasin.
- Mains supply with 230/6V transformer.
- For vegetable-based liquid soap with maximum viscosity of 3,000 mPa.s or specific foam soap.
- Models with tank: compatible with hydroalcoholic gel.
- Spout: L. 105mm in 304 stainless steel.
- CE marked.
- 10-year warranty.

#### Deck-mounted BINOPTIC electronic soap dispenser

##### Chrome finish

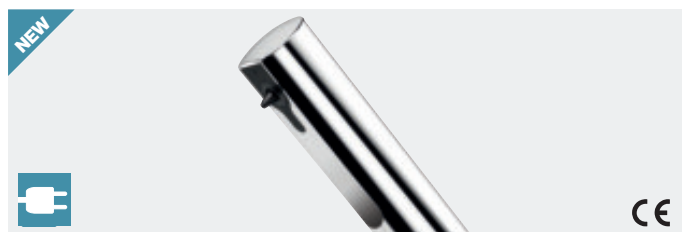
With 1 litre tank	<b>512021PUK</b>	<b>£337.51</b>
With 0.5 litre tank	<b>512521PUK</b>	<b>£337.51</b>
With 1.20m flexible tube for remote tank	<b>512121PUK</b>	<b>£337.51</b>

##### Matte black finish

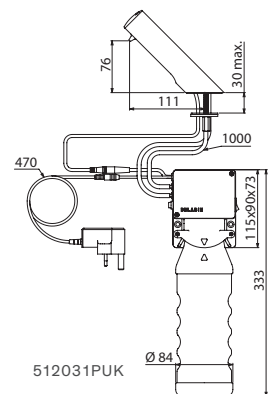
With 1 litre tank	<b>512021BKUK</b>	<b>£388.13</b>
With 0.5 litre tank	<b>512521BKUK</b>	<b>£388.13</b>
With 1.20m flexible tube for remote tank	<b>512121BKUK</b>	<b>£388.13</b>

### TEMPOMATIC 4 electronic soap dispenser

Deck-mounted, mains supply



- No manual contact: infrared cell detects hands automatically.
- No-waste pump dispenser.
- Independent electronic housing and removable tank enable installation beneath the washbasin.
- Mains supply with 230/6V transformer.
- For vegetable-based liquid soap with maximum viscosity of 3,000 mPa.s or specific foam soap.
- Models with tank: compatible with hydroalcoholic gel.
- Spout: L. 105mm in 304 stainless steel.
- CE marked.
- 10-year warranty.



512031PUK

#### Deck-mounted TEMPOMATIC 4 electronic

With 1 litre tank	<b>512031PUK</b>	<b>£337.51</b>
With 0.5 litre tank	<b>512531PUK</b>	<b>£337.51</b>
With 1.20m flexible tube for remote tank	<b>512131PUK</b>	<b>£337.51</b>



# Showers

ELECTRONIC  
SHOWER PANELS  
**79**



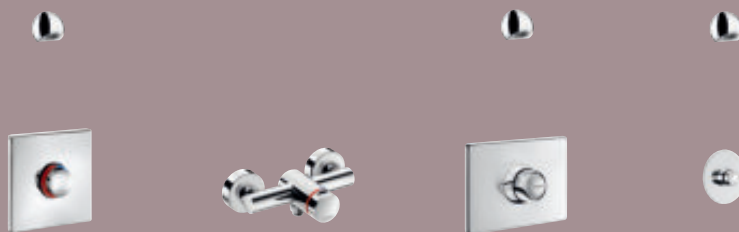
TIME FLOW  
SHOWER PANELS  
**93**



ELECTRONIC  
CONTROLS  
**115**



TIME FLOW  
CONTROLS  
**119**



ADDITIONAL  
FITTINGS  
**139**



TERMINAL  
FILTERS  
**147**







## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Opens/closes automatically, with no manual contact

Electronic shower panels are operated by active infrared detection. Flow opens/shuts off when the detector senses hands.

No manual contact prevents the spread of germs.

### Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.).

DELABIE's electronic shower panels have a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use.

### Reduced-stagnation solenoid valve

Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed. This can lead to bacterial proliferation.

DELABIE has developed a technology without a membrane (patented system).

With this piston-operated solenoid valve, water is drained and renewed with every use which reduces niches where bacteria can develop.

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.

### Scale-resistant shower head

The nozzle in the shower head is made from Hostaform®, a material that is highly scale-resistant (build-up of scale is 10 times slower).

The design, with no grid, allows the shower head to drain the water after use, preventing the spread of germs.

### Thermal shocks

With SECURITHERM technology, it is possible to undertake thermal shocks without removing the panel. Simply press the red button with a pointed tool to override the maximum temperature limiter.

## DESIGN

DELABIE's products, known for their endurance and reliability, have a timeless design.

Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the showers reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

## 80% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional showers, electronic shower panels can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

- **Automatic shut-off and split delivery**

The shower can be interrupted at any moment by the user. If the user forgets, a security shut-off stops the flow after 60 seconds.

This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

- **Flow rate 6 lpm**

DELABIE's electronic shower panels are regulated at 6 lpm. The flow rate remains constant regardless of pressure variations in the system.

### Energy savings

Electronic shower panels do not require much energy to operate.

DELABIE has chosen infrared active pulse technology, a low-power consumption solution.

The infrared beam is emitted intermittently, saving energy while ensuring effective detection.

Battery-operated models have an average lifespan of 350,000 cycles (i.e. 3 to 6 years) depending on the frequency of use.

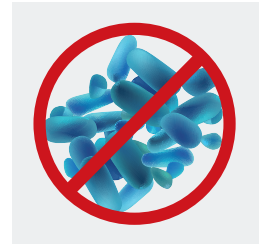
The Lithium batteries used are widely available, affordable and recyclable.

The significant hot water savings provided by DELABIE's shower panels also result in energy savings.

### Environmental labels

The water and energy saving performance of DELABIE's shower panels means that buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

For more information see page 8.



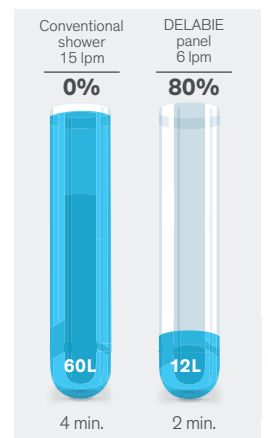
Hygiene and controlling bacterial proliferation



Reduced-stagnation solenoid valve



Shower head with no grid



Water savings per use

## COMPARISONS OF WATER CONSUMPTION

### Comparison between a conventional shower and a DELABIE electronic panel

Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	1 min.	2 min.	1 min.	<b>60L</b> 4 min.
6L	1 min.	1 min.	1 min.	<b>12L</b> 2 min.



Anti-scalding safety

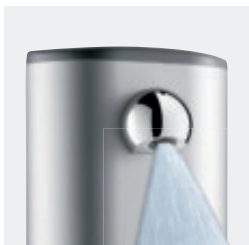
## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

### ON/OFF mode: activation with no manual contact

Electronic detection allows all users (children, the elderly or people with reduced mobility) to use the shower with no effort required. Voluntary activation and closure with no manual contact provide perfect hygiene.

### Comfort

- **Temperature selection**  
Users choose the temperature themselves using the **SECURITHERM control**.
- **Temperature stability**  
**SECURITHERM thermostatic** panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.
- **Anti-cold showers function**  
**SECURITHERM** thermostatic technology ensures **automatic shut-off if the hot water fails**.



Comfortable spray

### Anti-scalding safety

- **Maximum temperature limiter**  
DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** which can be adjusted during installation. The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.
- **Anti-scalding failsafe**  
**SECURITHERM** thermostatic technology ensures that **the hot water shuts off immediately if the cold water fails**.



Choose length and finish

### Comfortable spray

The specially designed nozzle delivers a **comfortable spray** which provides **effective** coverage and a reduced noise level. The spray can be **adjusted**.

### Types of supply

The electronic shower panels are available with **top inlet** or **concealed inlet**.

### Sizes and finishes

DELABIE's shower panels are available in two different finishes: **aluminium** H. 1.0m, W. 21cm and **stainless steel** H. 1.20m, W. 25cm. The large models are ideal for hiding the traces of previous recessed installations.



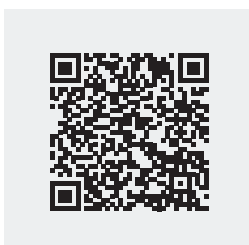
Vandal-resistant

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

DELABIE's shower panels do not need to be recessed and respond to the need for vandal-resistant products in public environments whilst preserving user comfort.

### Easy to install

The shower panels are delivered ready to mount and are quick to install.



Our panel solutions

### Resistant to intensive use and vandalism

Shower panels are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The panels are made from **durable** and **resistant materials** whilst the controls and shower heads are made from chrome-plated solid brass. The mechanisms and sensors are **shock-resistant**. The panel **fixings** are **reinforced** and **concealed**. The ends are concealed to make the back of the panel inaccessible. **Streamlined designs** discourage attempts to pull them off. To prevent abuse and waste, the **security shut-off** system prevents the valve from being blocked in continuous flow.

### Superior endurance

DELABIE's electronic shower panel systems are hard-wearing. The piston-operated solenoid valve is self-cleaning, which extends its lifespan to over **500,000 operations**. DELABIE's controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

### Minimal servicing

Shower head nozzles and mechanisms, made from **scale-resistant materials** (Hostaform®), do not require de-scaling.

### Simple to maintain


The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. Access to the battery and mixer cartridge is from the **front, without having to remove the panel**.

### Reliable presence detection

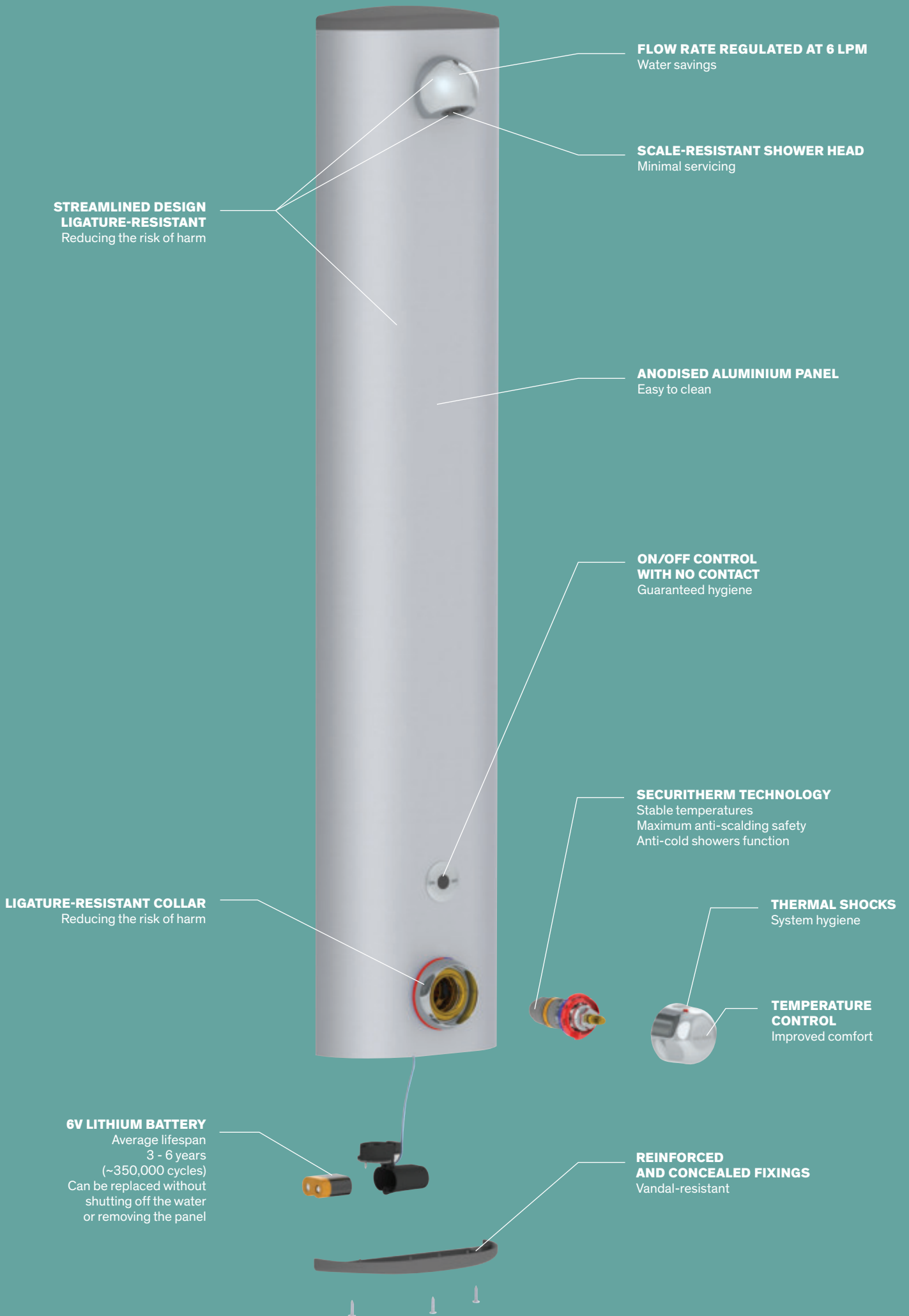
DELABIE has chosen the most reliable detection system: **infrared active pulse**. It cannot be adjusted or affected by variations in light levels.

**10-year warranty** against any manufacturing defects.

### Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Electrical supply*	230V / 50Hz class II (without earth connection)
6V Lithium battery*	223 CR-P2 standard battery Average lifespan ~350,000 cycles or 3 to 6 years
Duty flush programme	24hr after the last use
Automatic shut-off in event of negligence	Prevents blocking in the open position
Temperature limiter	Can be adjusted
HW supply	55°C
	Complies with European directives CEM 2014/30/UE and BT 2014/35/UE

\* Depending on model



**STREAMLINED DESIGN  
LIGATURE-RESISTANT**  
Reducing the risk of harm

**FLOW RATE REGULATED AT 6 LPM**  
Water savings

**SCALE-RESISTANT SHOWER HEAD**  
Minimal servicing

**ANODISED ALUMINIUM PANEL**  
Easy to clean

**ON/OFF CONTROL  
WITH NO CONTACT**  
Guaranteed hygiene

**SECURITHERM TECHNOLOGY**  
Stable temperatures  
Maximum anti-scalding safety  
Anti-cold showers function

**LIGATURE-RESISTANT COLLAR**  
Reducing the risk of harm

**THERMAL SHOCKS**  
System hygiene

**TEMPERATURE CONTROL**  
Improved comfort

**6V LITHIUM BATTERY**  
Average lifespan  
3 - 6 years  
(~350,000 cycles)  
Can be replaced without  
shutting off the water  
or removing the panel

**REINFORCED  
AND CONCEALED FIXINGS**  
Vandal-resistant



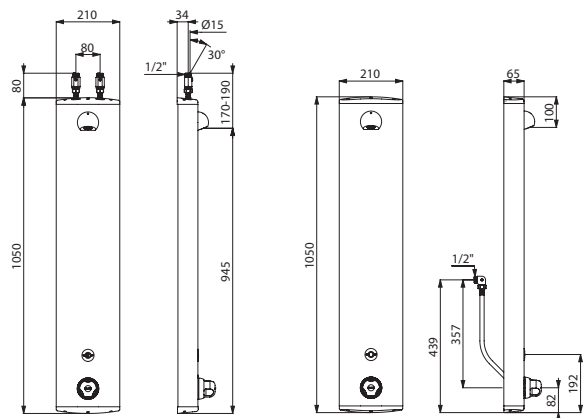
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Comfort:** temperature selection directly on the mixer, thermostatic control, voluntary or automatic shut-off
- **Anti-scalding failsafe:** automatic shut-off if cold water fails

## SECURITHERM aluminium

Thermostatic electronic shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 41°C, with maximum temperature limiter.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **Battery-operated with 223 CR-P2 6V Lithium battery.**
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 10-year warranty.



79240015

792410UK

SECURITHERM aluminium electronic shower panel		
Top inlet via in-line stopcocks Ø 15mm for compression fittings	<b>79240015</b>	<b>£1,069.51</b>
Concealed inlet via flexibles M $\frac{1}{2}$ "	<b>792410UK</b>	<b>£1,069.51</b>

We recommend installing a floor trap (see page 139)

Options: extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)



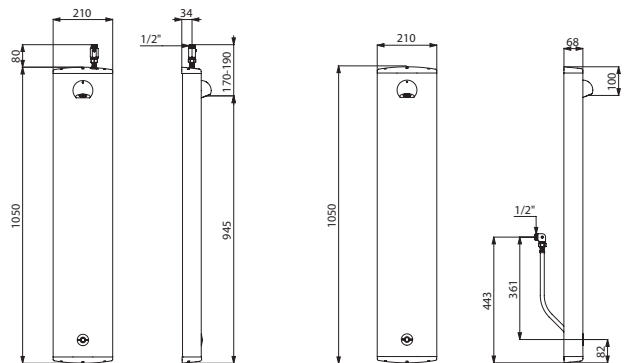
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Comfort:** voluntary or automatic shut-off

### TEMPOMATIC aluminium

Electronic shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **TEMPOMATIC electronic valve** for mixed water supply.
- **Battery-operated with 223 CR-P2 6V Lithium battery.**
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M1/2" connection.
- Concealed fixings.
- Filter.
- Suitable for people with reduced mobility.
- 10-year warranty.



452300

452310

TEMPOMATIC aluminium electronic shower panel		
Top inlet via in-line stopcock	<b>452300</b>	<b>£741.65</b>
Concealed inlet via flexible	<b>452310</b>	<b>£741.65</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

**Options:** extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)





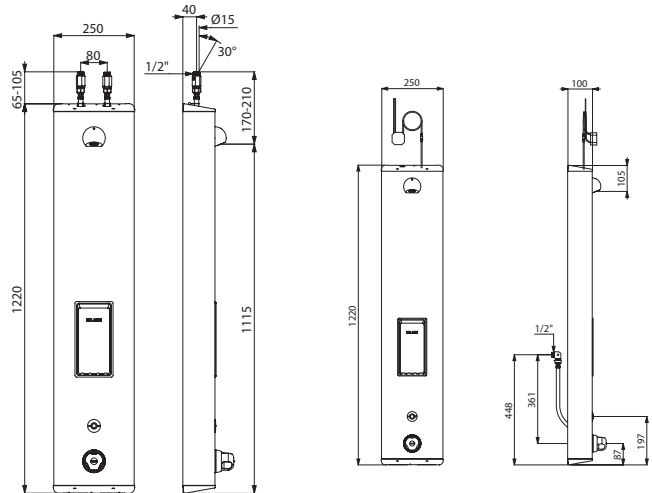
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Comfort:** temperature selection directly on the mixer, thermostatic control, voluntary or automatic shut-off
- **Anti-scalding failsafe:** automatic shut-off if cold water fails

### SECURITHERM satin stainless steel

Thermostatic electronic shower panel



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C with 1<sup>st</sup> limiter set at 38°C and 2<sup>nd</sup> limiter set at 41°C.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **230/6V mains supply or 223 CR-P2 6V Lithium battery.**
- **Operation:**
  - Mains supply models: shower starts when the electronic push-button is pressed.
  - Battery-operated models: infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M<sup>1/2</sup>" connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 10-year warranty.



79240415

792514

SECURITHERM mains supply electronic shower panel		
Top inlet via in-line stopcocks	792504	£1,312.29
Concealed inlet via flexibles	792514	£1,312.29
SECURITHERM battery-operated electronic shower panel		
Top inlet via in-line stopcocks Ø15mm for compression fittings		
With integrated soap dish	79240415	£1,305.26
Top inlet via in-line stopcocks M <sup>1/2</sup> "		
Without soap dish	792403	£1,239.07
Concealed inlet via flexibles M <sup>1/2</sup> "		
With integrated soap dish	792414	£1,281.31
Without soap dish	792413	£1,239.07

We recommend installing a floor trap (see page 139)

Options: extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)







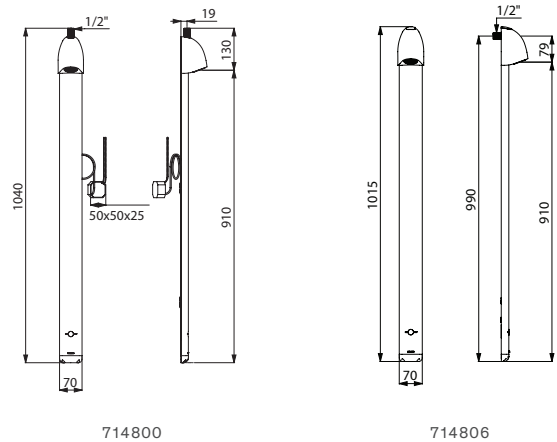
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Vandal-resistant:** aluminium panel, streamlined design, concealed fixings, ligature-resistant shower head
- **Maintenance:** made easy thanks to accessible stopcock and filter

**SPORTING 2**

Electronic shower panel



- Anodised aluminium and chrome-plated satin finish.
- **Adjustable connector for top or back inlets.**
- Slimline structure with concealed fixings.
- **230/6V mains supply** or **CR123 6V Lithium batteries.**
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar.
- Tamperproof, fixed shower head with automatic flow rate regulation.
- Accessible filter.
- **Integrated stopcock.**
- M1/2" connection for mixed water supply.
- Suitable for people with reduced mobility.
- 10-year warranty.



*\* Provisional availability 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.*

SPORTING 2 electronic shower panel		
<b>With scale-resistant shower head</b>		
Mains supply	<b>714800</b>	<b>£370.89</b>
Battery-operated	<b>714806</b>	<b>£370.89</b>
<b>With rain-effect shower head</b>		
Mains supply	<b>714800DP*</b>	<b>£390.14</b>
Battery-operated	<b>714806DP*</b>	<b>£390.14</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Options:** soap dish and BIOFIL filter (see page 112)



Hygiene and controlling bacterial proliferation

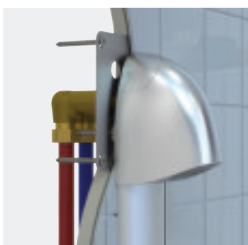


Anti-scalding safety

**Multiple installation options**



Exposed water inlets



Recessed water inlets from below



Recessed water inlets from above

**SPORTING 2 ELECTRONIC SECURITHERM SHOWER PANEL: THE ANTI-LEGIONELLA SOLUTION**

**Preventative anti-legionella solution**

The Health and Safety Executive's guidance HSG 274 Part 2 (2014) recommends **maintaining the hot water temperature permanently above 50°C** at all points in the system in order to prevent any risk of Legionella bacteria proliferation. Water must be **mixed as close as possible to points-of-use**.

The SPORTING 2 SECURITHERM is the solution to preventing the risk of bacterial proliferation.

**Hygiene**

The **thermostatic mixer is integrated in the head** of the SPORTING 2 SECURITHERM panel. Hot water arrives directly from the network where it is mixed with cold water. There is therefore **no mixed water between the circulating loop and the point-of-use**, which significantly reduces the risk of bacterial development.

The electronic SPORTING 2 has an **anti-bacterial duty flush programme**.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use, therefore avoiding water stagnation in the pipework.

The shower nozzle is made from a **scale-resistant material** (Hostaform®), which limits bacterial development in the shower head.

**The SPORTING 2 SECURITHERM ensures a shower without bacteria.**

**Anti-scalding failsafe**

**SECURITHERM** thermostatic technology ensures automatic shut-off if the cold water fails. **As such the SPORTING 2, removes all risk of scalding.**

**Comfort**

**• Temperature stability**

The SPORTING 2 panel **delivers water at a stable temperature**, even in the event of pressure variations.

**• Anti-cold showers function**

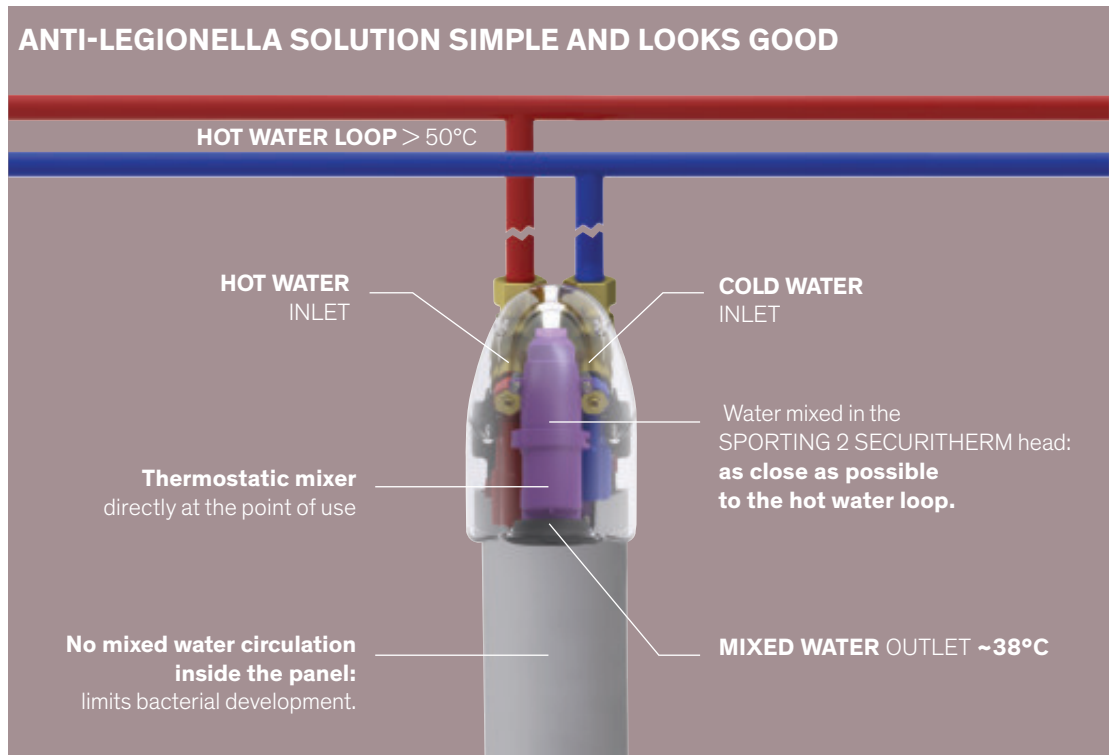
SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails**.

**Multiple installation options**

The panel exists in 2 versions:

- exposed water inlets, for connection in front of the wall, from above
- recessed water inlets for connection from behind the wall from above or below.

**10-year warranty** against any manufacturing defects.





- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** aluminium panel, streamlined design, concealed fixings, ligature-resistant shower head

## SPORTING 2 SECURITHERM

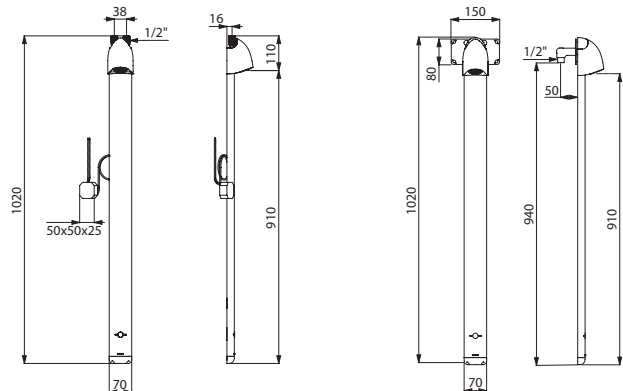
Thermostatic and electronic shower panel



- Anodised aluminium and chrome-plated satin finish.
- Slimline structure with concealed fixings.
- **230/6V mains supply** or **CR123 6V Lithium batteries**.
- Infrared presence detection. Shower starts when hand is moved towards the sensor (detection distance ~4cm).
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar.
- Tamperproof, fixed shower head with automatic flow rate regulation.
- Accessible filters and non-return valves.
- **Integrated stopcocks.**
- M $\frac{1}{2}$ " connections.
- Suitable for people with reduced mobility.
- 10-year warranty.

### SECURITHERM technology:

- **Thermostatic mixer** directly integrated in the head of the shower panel.
- Temperature pre-set by the installer.
- **Stable temperature preset at 38°.**
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.



714900

714916

\* Provisional availability 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.

SPORTING 2 SECURITHERM electronic shower panel		
<b>With scale-resistant shower head</b>		
Mains supply - Top inlet	<b>714900</b>	<b>£508.26</b>
Battery-operated - Top inlet	<b>714906</b>	<b>£508.26</b>
Mains supply - Recessed inlet	<b>714910*</b>	<b>£429.44</b>
Battery-operated - Recessed inlet	<b>714916*</b>	<b>£429.44</b>
<b>With rain-effect shower head</b>		
Mains supply - Top inlet	<b>714900DP*</b>	<b>£527.49</b>
Battery-operated - Top inlet	<b>714906DP*</b>	<b>£527.49</b>
Mains supply - Recessed inlet	<b>714910DP*</b>	<b>£448.66</b>
Battery-operated - Recessed inlet	<b>714916DP*</b>	<b>£448.66</b>

We recommend installing a floor trap (see page 139)  
**Option:** soap dish (see page 112)



Hygiene and controlling bacterial proliferation

## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Opens/closes automatically, with no manual contact

The SPORTING 2 is operated by infrared detection. Flow opens/shuts off when the detector senses hands.

No manual contact prevents the spread of germs by hand.

### Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during the holidays, etc.).

The SPORTING 2 has a duty flush programme.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use.

### Reduced-stagnation solenoid valve

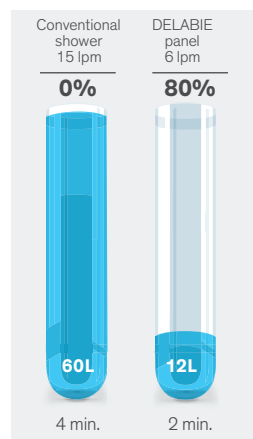
Most solenoid valves are fitted with a rubber membrane behind which water stagnates and is not renewed. This can lead to bacterial proliferation.

DELABIE has developed a patented system without a membrane. With this piston-operated solenoid valve, water is drained and renewed with every use which reduces niches where bacteria can develop.

The solenoid valve's self-cleaning system with a calibrated groove reduces the build-up of dirt. Furthermore, its slow closure eliminates water-hammer.



Reduced-stagnation solenoid valve



Water savings per use

## 80% WATER AND ENERGY SAVINGS

### Water saving

#### • Automatic shut-off and split delivery

The shower can be interrupted at any moment by the user. If the user forgets, shut-off is automatic after 60 seconds. This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

#### • Flow rate 6 lpm

The electronic SPORTING 2 has a pre-set flow rate of 6 lpm.

### Energy savings

The SPORTING 2 uses infrared technology which has a low energy consumption. The ray, emitted intermittently, saves energy while guaranteeing effective detection.

Lithium batteries have a lifespan of 3 to 6 years depending on the frequency of use.

These batteries are widely available, affordable and recyclable.

### Environmental labels

The water and energy saving performance of the SPORTING 2 means that buildings achieve the highest performance standards for international rating schemes such as HQE, BREEAM or LEED.

For more information see page 8.



Vandal-resistant

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Modularity

The SPORTING 2 panel offers two types of supply: from the top or from behind.

### Comfort

The panel can be used by all users (children, the elderly or people with reduced mobility).

### Temperature stability and anti-scalding failsafe

On SECURITHERM versions, a thermostatic mixer is integrated in the panel head. This technology ensures immediate shut-off of the hot water if the cold water fails (and vice versa) and delivers a stable water temperature, without variations.

### Resistant to intensive use and vandalism

The SPORTING 2 has been specifically designed to withstand intensive use and vandalism.

The panel is made from aluminium, a durable and resistant material. The panel fixings are reinforced and concealed. Streamlined designs and the slimline structure discourage attempts to pull it off.

The ligature-resistant shower head withstands any attempts at unwanted removal or self-harm.

### Superior endurance

The SPORTING 2 system is hard-wearing.

The piston-operated solenoid valve is self-cleaning, which extends its lifespan to over 500,000 operations.

### Minimal servicing

Shower head nozzles and mechanisms are made from scale-resistant materials (Hostaform®). The panel can be serviced without having to remove it.

Simply remove the cap, with the tool supplied, to clean the filter protecting the mechanism.

To facilitate the replacement of the solenoid valve or for frost protection, the stopcocks are integrated directly on the panel.

### Simple to maintain

The spare parts are standardised to ensure quick and easy replacement by maintenance staff.

Battery changes can be carried out without removing the panel.

### Easy to install

The shower panels are delivered ready to fit and are quick to install.

10-year warranty against any manufacturing defects.

## DESIGN

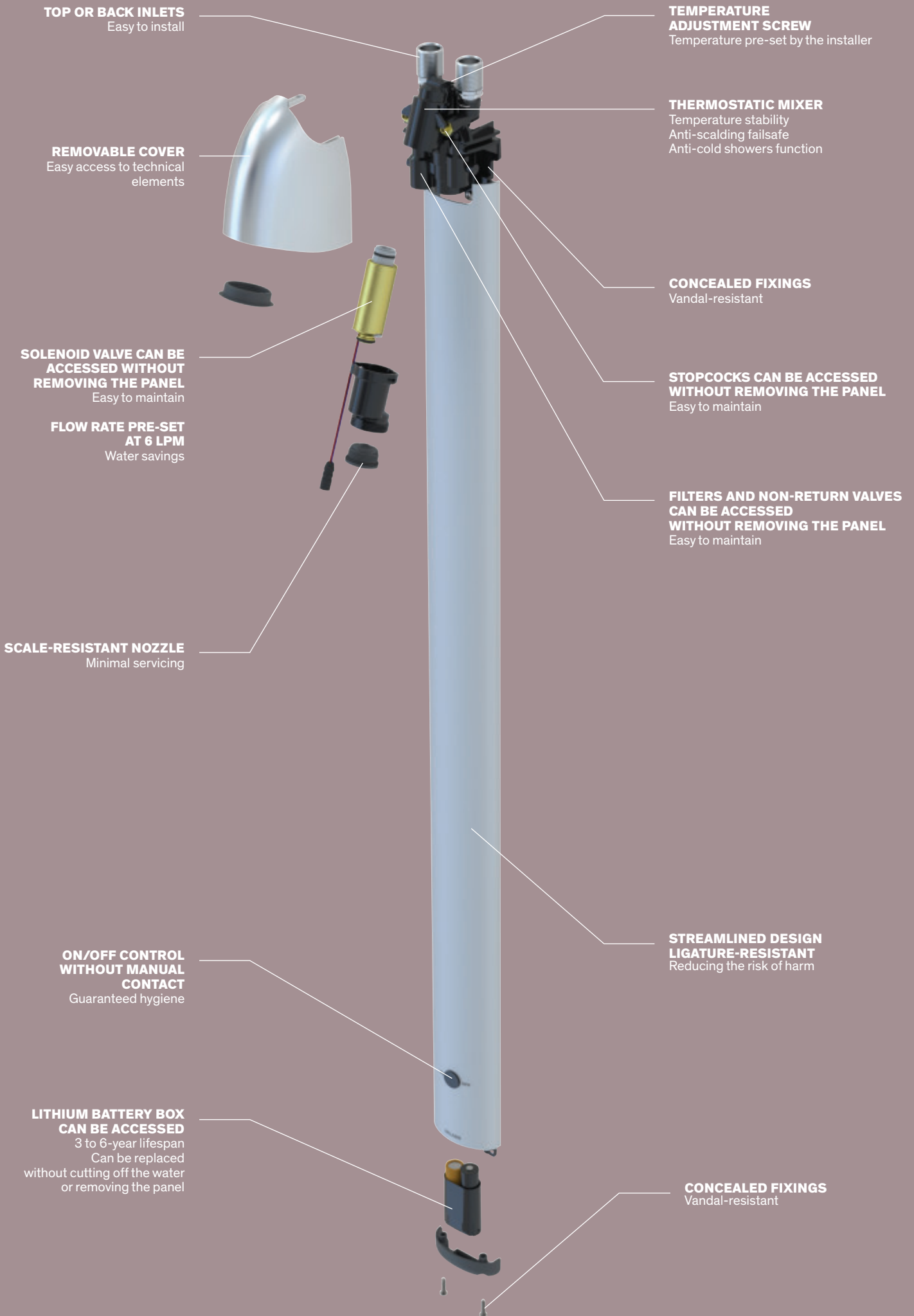
DELABIE's products, known for their endurance and reliability, have a timeless design.

The diversity of the product range fits in perfectly with any commercial installation.

In an office block or shopping centre, it is key that the product fits the space's design.

Aesthetic products are subject to less vandalism as they are better respected. The smooth shape of the showers reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.



Displayed model: SPORTING 2 battery-operated thermostatic electronic shower panel (ref. 714906)



## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Automatic timed shut-off, with no manual contact

Time flow shower panels shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

### Scale-resistant shower head

The nozzle in the shower head is made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower).

The design, with no grid, allows the shower head to drain the water after use, preventing the spread of germs.

### Thermal shocks

With **SECURITHERM** technology, it is possible to undertake thermal shocks without removing the panel. Simply press the red button with a pointed tool to override the maximum temperature limiter.

## DESIGN

### Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**.

The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

### Design without constraints

Aesthetic products are subject to less vandalism as they are better respected.

The **smooth shape** of the showers reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

## 80% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional showers, time flow shower panels can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

- **Automatic shut-off and split delivery**

The time flow is automatic and shuts off after approximately 30 seconds of flow.

Time flow panels remove the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

- **Flow rate 6 lpm**

The time flow shower panels are regulated at 6 lpm. The flow rate remains constant regardless of pressure variations in the system.

### Energy savings

DELABIE's time flow shower panels operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**. The significant **hot water savings** provided by the shower panels also result in energy savings.

### Ecological

DELABIE's shower panels are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

### Environmental labels

The water and energy saving performance of the shower panels means that buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

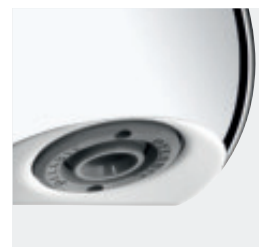
For more information see page 8.



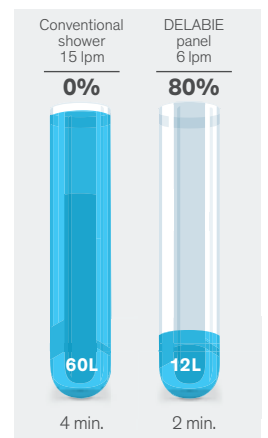
Hygiene and controlling bacterial proliferation



Optimised time flow



Shower head with no grid

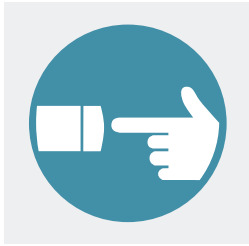


Water savings per use

## COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional shower and a DELABIE time flow panel

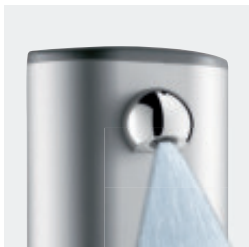
Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	1 min.	2 min.	1 min.	<b>60L</b> 4 min.
6L	2 x 30 sec.	2 x 30 sec.	2 x 30 sec.	<b>12L</b> 2 min.



Soft technology:  
soft-touch operation



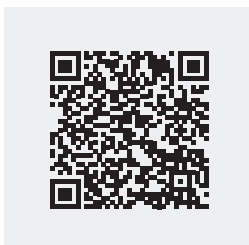
Anti-scalding safety



Comfortable spray



Choice of sizes and finishes



Our panel solutions

## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

### Soft technology: soft-touch operation

DELABIE has developed time flow controls with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the showers with no effort required. **TEMPOSOFT** panels are fitted with a priming system that requires half the effort to operate, compared to conventional showers.

### Comfort

#### • Temperature selection

Users choose the temperature themselves using the **TEMPOMIX** or **SECURITHERM control**.

#### • Temperature stability

**SECURITHERM thermostatic** panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.

#### • Anti-cold showers function

**SECURITHERM thermostatic** technology ensures **automatic shut-off if the hot water fails**.

### Anti-scalding safety

#### • Maximum temperature limiter

DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** which can be adjusted during installation.

The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

#### • Anti-scalding failsafe

**SECURITHERM thermostatic** technology ensures that **the hot water shuts off immediately if the cold water fails**.

### Comfortable spray

The specially designed nozzle delivers a **comfortable spray** which provides **effective** coverage and a reduced noise level. The spray can be **adjusted**.

### Types of supply

The electronic shower panels are available with **top inlet** or **concealed inlet**.

### Sizes and finishes

DELABIE's shower panels are available in two different finishes: **aluminium** H. 1.0m, W.21cm and **satín stainless steel** H. 1.20m, W. 25cm. The large models are ideal for hiding the traces of previous recessed installations.

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

DELABIE's shower panels do not need to be recessed and respond to the need for vandal-resistant products in public environments whilst preserving user comfort.

### Resistant to intensive use and vandalism

DELABIE's shower panels are specifically designed to withstand intensive use as well as voluntary and involuntary vandalism.

The panels are made from  **durable**  and  **resistant materials**  whilst the controls and shower heads are made from chrome-plated solid brass.

The mechanisms are  **shock-resistant** . The panel  **fixings**  are  **reinforced**  and  **concealed** . The ends are concealed to make the back of the panel inaccessible.  **Streamlined designs**  discourage attempts to pull them off.

### Superior endurance

The mechanisms in DELABIE's time flow panels are hard-wearing.

The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over  **500,000 operations** . There is no metal-metal or metal-plastic friction, ensuring  **reliable**  and  **durable timing** .

DELABIE's controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

### Minimal servicing

Shower head nozzles and mechanisms, made from  **scale-resistant materials**  (Hostaform®), do not require de-scaling. The self-cleaning mechanisms are protected by filters.

### Simple to maintain

The  **spare parts**  are  **standardised**  to ensure quick and easy replacement by maintenance staff. The whole of the system is integrated within  **an interchangeable cartridge which can be accessed from the front, without having to remove the panel** .

### Easy to install

The shower panels are delivered ready to mount and are quick to install.

**10-year warranty**  against any manufacturing defects.

### Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Temperature limiter	Can be adjusted
HW supply	55°C
Time flow	30 seconds



**REINFORCED AND CONCEALED FIXINGS**  
Vandal-resistant

**FLOW RATE REGULATED AT 6 LPM**  
Water savings

**SCALE-RESISTANT SHOWER HEAD**  
Minimal servicing

**STREAMLINED DESIGN LIGATURE-RESISTANT**  
Reducing the risk of harm

**ANODISED ALUMINIUM PANEL**  
Easy to clean

**SOFT TECHNOLOGY**  
De-pressurising cartridge  
Time flow ~30 seconds

**SOFT-TOUCH OPERATION**  
Improved comfort

**LIGATURE-RESISTANT COLLAR**  
Reducing the risk of harm

**THERMAL SHOCKS**  
System hygiene

**TEMPERATURE CONTROL**  
Improved comfort

**SECURITHERM TECHNOLOGY**  
Stable temperatures  
Maximum anti-scalding safety  
Anti-cold showers function





- **Water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

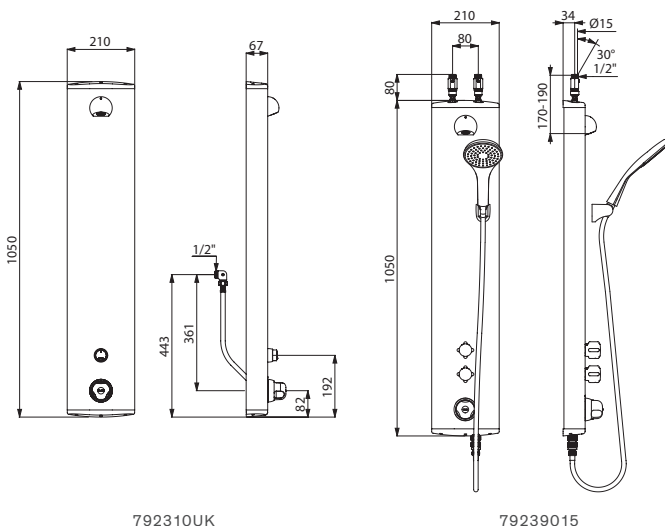
**SECURITHERM aluminium**

Time flow or dual control shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C; with 1<sup>st</sup> limiter set at 38°C and 2<sup>nd</sup> limiter set at 41°C.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **Soft-touch operation.**
- Chrome-plated, tamperproof, scale-resistant **fixed ROUND shower head** with automatic flow rate regulation at 6 lpm at 3 bar.
- **Handset** with removable flexible via rapid push-fit STOP connector on dual control models.
- **Operation:**
  - Models 792305, 79230015 and 792310UK: **~30-second time flow valve** for control of fixed ROUND shower head.
  - Model 792370: **~30-second time flow valve** for control of sliding handset on chrome-plated rail.
  - Models 792320 and 792330: **2 ~30-second time flow valves** for control of fixed ROUND shower head and handset (wall support supplied).
  - Models 792340 and 792350: **1 ~30-second time flow valve** for control of fixed ROUND shower head and **1 non-time flow ¼-turn valve** for control of the handset (wall support supplied).
  - Models 79239015 and 792380: **2 non-time flow ¼-turn valves** for control of fixed ROUND shower head and handset (wall support supplied).
- M½" connections, concealed fixings, filters and non-return valves.
- Suitable for people with reduced mobility.
- 10-year warranty.

**Dual control shower panels:**



SECURITHERM time flow shower panel		
Top inlet via in-line stopcocks M½" With soap dish	<b>792305</b>	<b>£882.24</b>
Top inlet via in-line stopcocks Ø 15mm for compression fittings. Without soap dish	<b>79230015</b>	<b>£872.66</b>
Concealed inlet via flexibles M½" Without soap dish	<b>792310UK</b>	<b>£872.66</b>
SECURITHERM time flow shower panel with handset		
Top inlet via in-line stopcocks	<b>792370</b>	<b>£1,006.63</b>
SECURITHERM dual control time flow shower panel		
Top inlet via in-line stopcocks M½"	<b>792320</b>	<b>£967.66</b>
Concealed inlet via flexibles M½"	<b>792330</b>	<b>£967.66</b>
SECURITHERM dual control shower panel		
With 1 time flow valve and 1 non-time flow valve		
Top inlet via in-line stopcocks M½"	<b>792340</b>	<b>£993.66</b>
Concealed inlet via flexibles M½"	<b>792350</b>	<b>£993.66</b>
With 2 non-time flow valves		
Top inlet via in-line stopcocks Ø 15mm for compression fittings	<b>79239015</b>	<b>£997.60</b>
Concealed inlet via flexibles M½"	<b>792380</b>	<b>£988.90</b>

We recommend installing a floor trap (see page 139)  
**Options:** extension for shower panel (see page 112)  
 Rain-effect nozzle, add "DP" after the reference (see page 144)



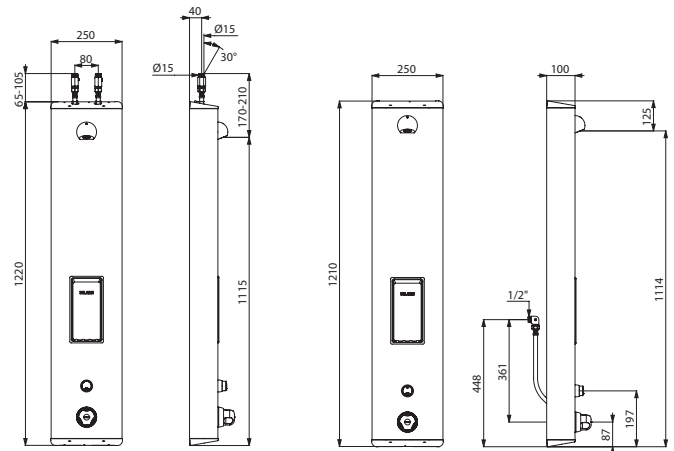
- **Water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** satin stainless steel panel, concealed fixings, solid brass shower head and shower valve

## SECURITHERM satin stainless steel

Time flow shower panel with fixed head



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C; with 1<sup>st</sup> limiter set at 38°C and 2<sup>nd</sup> limiter set at 41°C (except for ref. 79230415: single temperature limiter set at 41°C).
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 10-year warranty.



79230415

792314

### SECURITHERM time flow shower panel

#### Top inlet via in-line stopcocks

With integrated soap dish Ø 15mm for compression fittings	<b>79230415</b>	<b>£1,019.98</b>
Without soap dish - M $\frac{1}{2}$ "	<b>792303</b>	<b>£951.00</b>

#### Concealed inlet via flexibles

With integrated soap dish - M $\frac{1}{2}$ "	<b>792314</b>	<b>£995.30</b>
Without soap dish - M $\frac{1}{2}$ "	<b>792313</b>	<b>£951.00</b>

We recommend installing a floor trap (see page 139)

**Options:** extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)



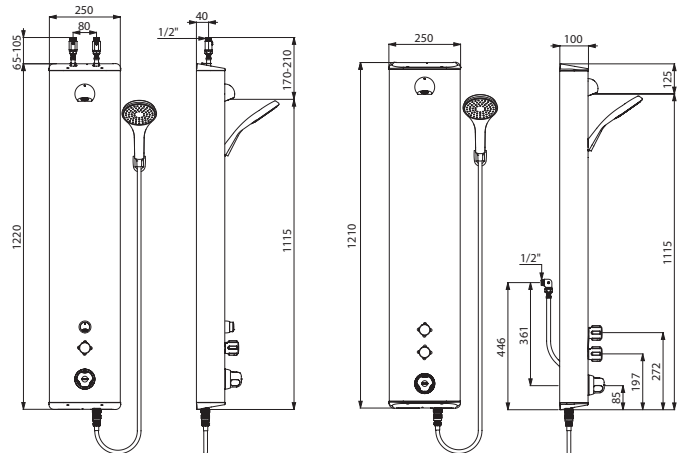
- **Water savings:** 80%
- **Comfort:** temperature selection directly on the mixer, thermostatic control
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Vandal-resistant:** satin stainless steel panel, concealed fixings, solid brass shower head and shower valve

### SECURITHERM satin stainless steel

Dual control shower panel with handset



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **SECURITHERM thermostatic shower mixer.**
- Adjustable temperature control from cold water up to 38°C; with 1<sup>st</sup> limiter set at 38°C and 2<sup>nd</sup> limiter set at 41°C.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Chrome-plated, tamperproof, scale-resistant **fixed ROUND shower head** with automatic flow rate regulation at **6 lpm** at 3 bar.
- **Handset** with removable flexible via rapid push-fit STOP connector and wall support supplied.
- **Operation:**
  - Models 792324 and 792334: **1 ~30-second time flow valve with soft-touch operation** to control the fixed ROUND shower head and **1 non-time flow ¼-turn valve** to control the handset.
  - Models 792344 and 792354: **2 non-time flow valves** to control the ROUND shower head and the handset.
- Thermal shocks are possible.
- M½" connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 10-year warranty.



792324

792354

SECURITHERM dual control time flow shower panel		
Top inlet via in-line stopcocks	<b>792324</b>	<b>£1,126.42</b>
Concealed inlet via flexibles	<b>792334</b>	<b>£1,126.42</b>
SECURITHERM non-time flow dual control shower panel		
Top inlet via in-line stopcocks	<b>792344</b>	<b>£1,126.42</b>
Concealed inlet via flexibles	<b>792354</b>	<b>£1,126.42</b>

We recommend installing a floor trap (see page 139)

Options: extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)





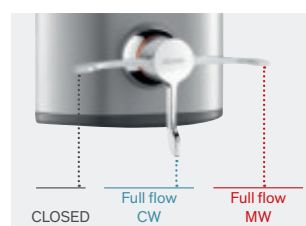
- **Water savings:** 70%
- **Comfort:** temperature selection directly on the single control mixer, thermostatic control
- **Anti-scalding failsafe:** automatic shut-off if cold water fails, opens with cold water
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

## SECURITHERM aluminium

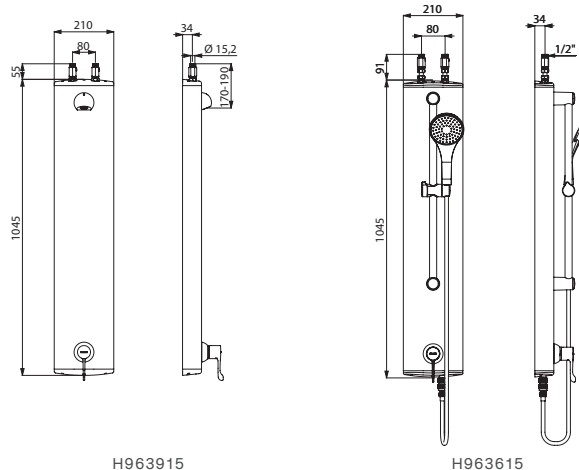
Sequential thermostatic shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **SECURITHERM sequential thermostatic shower mixer** (non-time flow).
- Adjustable temperature control from cold water up to 39°C; maximum temperature limiter set at 39°C, can be adjusted.
- **Sequential:** opens and closes on cold water.
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Thermal shocks are possible.
- Models H963915, H9639 and H9634: chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation, **6 lpm** at 3 bar.
- Models H963615, H9636 and H9 35: with **sliding handset** on a chrome-plated rail with removable flexible hose via rapid push-fit STOP connector, **flow rate 9 lpm** at 3 bar.
- Hygiene lever L. 100mm.
- M1/2" connections.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 10-year warranty.



Sequential open and closing



H963915

H963615

### SECURITHERM sequential shower panel with fixed shower head

Top inlet via in-line stopcocks Ø15mm for compression fittings and copper tubes	<b>H963915</b>	<b>£696.22</b>
Top inlet via in-line stopcocks M1/2"	<b>H9639</b>	<b>£683.20</b>
Concealed inlet via flexibles M1/2"	<b>H9634</b>	<b>£683.20</b>

### SECURITHERM sequential shower panel with sliding handset

Top inlet via in-line stopcocks Ø15mm for compression fittings and copper tubes	<b>H963615</b>	<b>£813.33</b>
Top inlet via in-line stopcocks M1/2"	<b>H9636</b>	<b>£800.32</b>
Concealed inlet via flexibles M1/2"	<b>H9635</b>	<b>£800.32</b>

We recommend installing a floor trap (see page 139)

Options: extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)



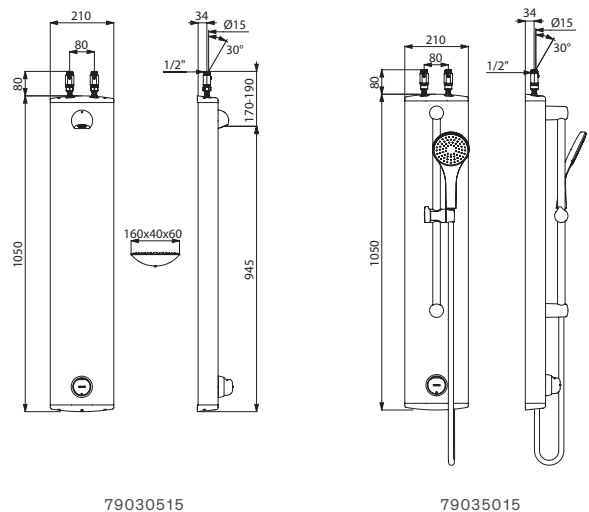
- **Water savings:** 80%
- **Comfort:** temperature selection directly on the single control mixer, soft-touch operation
- **Vandal-resistant:** aluminium panel, concealed fixings, solid brass shower head and shower valve

## TEMPOMIX aluminium

Time flow shower panel



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **TEMPOMIX mixer** with adjustable maximum temperature limiter.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation or **sliding handset** on a chrome-plated rail with flexible hose.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Suitable for people with reduced mobility.
- 10-year warranty.



<b>TEMPOMIX time flow shower panel with fixed shower head</b>		
<b>Top inlet via in-line stopcocks Ø 15mm for compression fittings</b>		
With soap dish	<b>79030515</b>	<b>£775.39</b>
Without soap dish	<b>79030015</b>	<b>£741.40</b>
<b>Concealed inlet via flexibles M<math>\frac{1}{2}</math>"</b>		
Without soap dish	<b>790310</b>	<b>£732.72</b>
<b>TEMPOMIX time flow shower panel with sliding handset</b>		
Top inlet via in-line stopcocks Ø 15mm for compression fittings, without soap dish	<b>79035015</b>	<b>£875.96</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Options:** extension for shower panel (see page 112)  
 Rain-effect nozzle, add "DP" after the reference (see page 144)





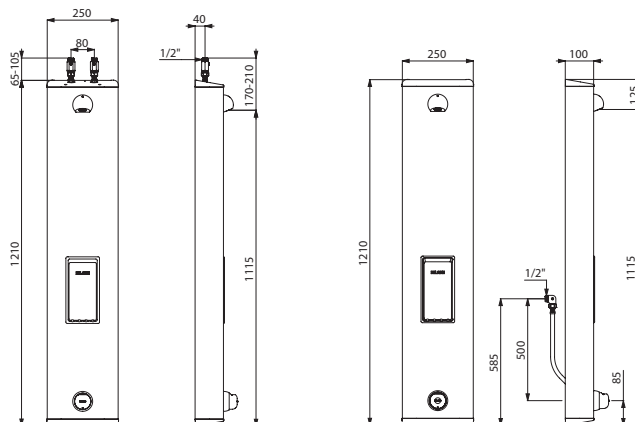
- **Water savings:** 80%
- **Comfort:** temperature selection directly on the single control mixer, soft-touch operation
- **Vandal-resistant:** stainless steel panel, concealed fixings, solid brass shower head and shower valve

### TEMPOMIX satin stainless steel

Time flow shower panel with fixed shower head



- Large satin stainless steel shower panel for wall-mounted, exposed installation.
- **TEMPOMIX mixer** with adjustable maximum temperature limiter.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Integrated soap dish.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters and non-return valves.
- Stopcocks.
- Suitable for people with reduced mobility.
- 10-year warranty.



790204

790214

#### TEMPOMIX time flow shower panel with fixed shower head

Top inlet via in-line stopcocks	<b>790204</b>	<b>£925.90</b>
Concealed inlet via flexibles	<b>790214</b>	<b>£925.90</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

**Options:** extension for shower panel (see page 112)

Rain-effect nozzle, add "DP" after the reference (see page 144)



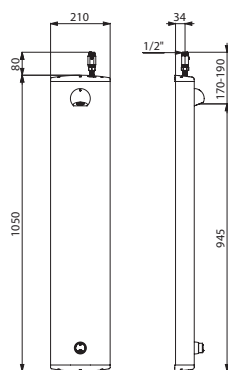
- **Water savings:** 80%
- **Vandal-resistant:** aluminium shower panel, concealed fixings, solid brass shower head and shower valve

## TEMPOSOFT aluminium

Time flow shower panel with fixed shower head



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **TEMPOSOFT time flow control** for mixed water.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M $\frac{1}{2}$ " connection for mixed water supply.
- Concealed fixings.
- Filter.
- Suitable for people with reduced mobility.
- 10-year warranty.



749300

### TEMPOSOFT time flow shower panel with fixed shower head

Top inlet via in-line stopcock	<b>749300</b>	<b>£527.83</b>
Concealed inlet via flexible	<b>749310</b>	<b>£527.83</b>

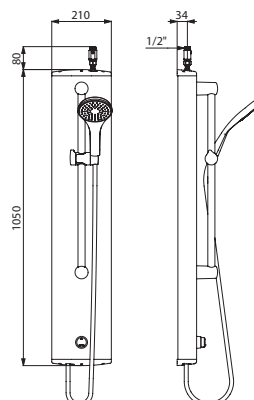
We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** extension for shower panel (see page 112)  
 Rain-effect nozzle, add "DP" after the reference (see page 144)

## TEMPOSOFT aluminium

Time flow shower panel with sliding handset



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- Top inlet supply for mixed water via in-line stopcock M $\frac{1}{2}$ ".
- **TEMPOSOFT time flow control** for mixed water.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- Sliding **handset** on a chrome-plated rail with flexible hose.
- Concealed fixings.
- Filter.
- Suitable for people with reduced mobility.
- 10-year warranty.



749350

<b>TEMPOSOFT time flow shower panel with sliding handset</b>	<b>749350</b>	<b>£609.04</b>
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** extension for shower panel (see page 112)



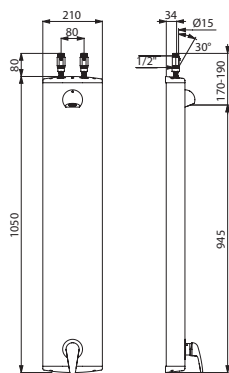
- **Water savings:** 70%
- **Vandal-resistant:** aluminium shower panel, concealed fixings, solid brass shower head and shower valve
- **Comfort:** temperature selection directly on the single control mixer

### Aluminium shower panel

Mechanical shower panel with fixed shower head



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- Top inlet via in-line stopcocks  $\varnothing$  15mm for compression fittings.
- **Mechanical mixer without time flow.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 10-year warranty.



79130015

<b>Mechanical shower panel with fixed shower head</b>	<b>79130015</b>	<b>£719.94</b>
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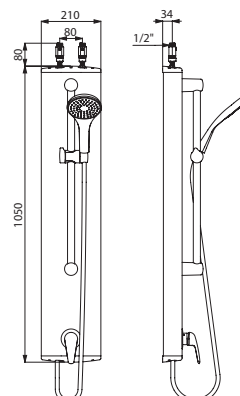
We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** extension for shower panel (see page 112)  
 Rain-effect nozzle, add "DP" after the reference (see page 144)

### Aluminium shower panel

Mechanical shower panel with sliding handset



- Anodised aluminium shower panel for wall-mounted, exposed installation.
- **Mechanical mixer without time flow.**
- Sliding **handset** on a chrome-plated rail with flexible hose.
- M $\frac{1}{2}$ " connections.
- Concealed fixings.
- Filters.
- Suitable for people with reduced mobility.
- 10-year warranty.



791350

<b>Mechanical shower panel with sliding handset</b>		
Top inlet via in-line stopcocks	<b>791350</b>	<b>£803.09</b>
Concealed inlet via flexibles	<b>791360</b>	<b>£803.09</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** extension for shower panel (see page 112)





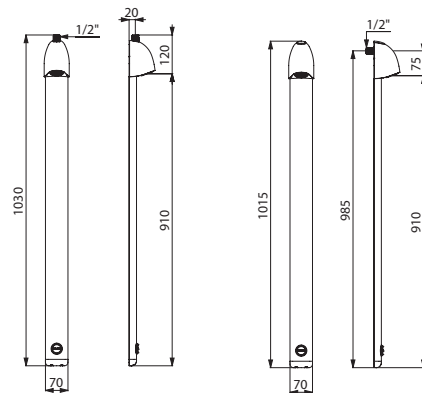
- **Water savings:** 80%
- **Vandal-resistant:** aluminium shower panel, streamlined design, concealed fixings, ligature-resistant shower head
- **Maintenance:** made easy thanks to accessible stopcock and filter
- **Comfort:** soft-touch operation, mixed water supply

## SPORTING 2

Time flow shower panel



- Anodised aluminium and chrome-plated satin finish.
- **Adjustable connector for top or back inlets.**
- Slimline structure with concealed fixings.
- **Soft-touch operation.**
- Automatic mechanical flush with every use.
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Tamperproof fixed shower head with automatic flow rate regulation.
- Accessible filter and non-return valve.
- **Integrated stopcock.**
- M $\frac{1}{2}$ " connection for mixed water supply.
- Suitable for people with reduced mobility.
- 10-year warranty.



714700

*\* Provisional availability 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.*

SPORTING 2 time flow shower panel		
With scale-resistant shower head	<b>714700</b>	<b>£223.31</b>
With rain-effect shower head	<b>714700DP*</b>	<b>£242.26</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

**Options:** soap dish and BIOFIL filter (see page 112).



Hygiene and controlling bacterial proliferation

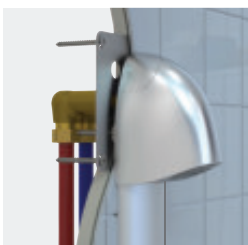


Anti-scalding safety

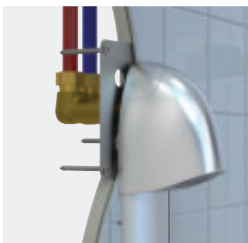
**Multiple installation options**



Exposed water inlets



Recessed water inlets from below



Recessed water inlets from above

**SPORTING 2 ELECTRONIC SECURITHERM PANEL: THE ANTI-LEGIONELLA SOLUTION**

**Preventative anti-legionella solution**

The Health and Safety Executive's guidance HSG 274 Part 2 (2014) recommends **maintaining the hot water temperature permanently above 50°C** at all points in the system in order to prevent any risk of Legionella bacteria proliferation. Water must be **mixed as close as possible to points-of-use**.

The SPORTING 2 SECURITHERM is the solution to preventing the risk of bacterial proliferation.

**Hygiene**

The **thermostatic mixer is integrated in the head** of the SPORTING 2 SECURITHERM panel. Hot water arrives directly from the network where it is mixed with cold water. There is therefore **no mixed water between the circulating loop and the point-of-use**, which significantly reduces the risk of bacterial development.

The electronic SPORTING 2 has an **anti-bacterial duty flush programme**.

An automatic flush takes place for approximately 60 seconds every 24 hours after the last use, therefore avoiding water stagnation in the pipework.

The shower nozzle is made from a **scale-resistant material** (Hostaform®), which limits bacterial development in the shower head.

**The SPORTING 2 SECURITHERM ensures a shower without bacteria.**

**Anti-scalding failsafe**

SECURITHERM thermostatic technology ensures automatic shut-off if the cold water fails. **As such the SPORTING 2, removes all risk of scalding.**

**Comfort**

**• Temperature stability**

The SPORTING 2 panel **delivers water at a stable temperature**, even in the event of pressure variations.

**• Anti-cold showers function**

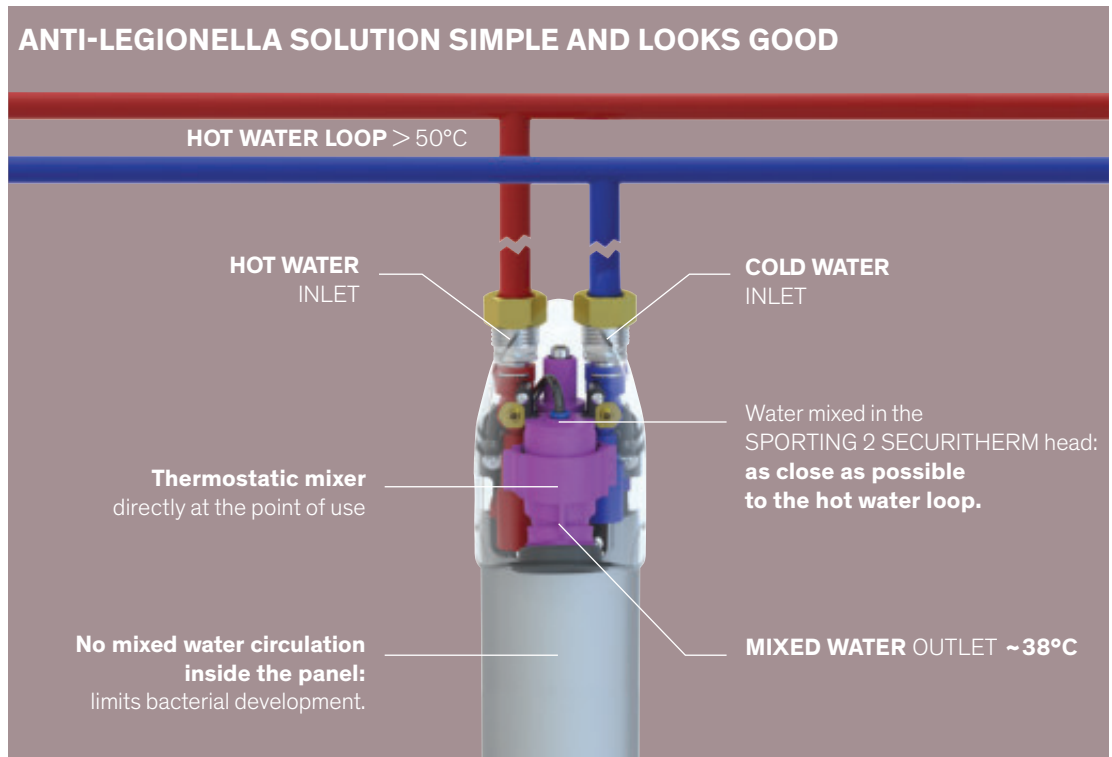
SECURITHERM thermostatic technology ensures **automatic shut-off if the hot water fails.**

**Multiple installation options**

The panel exists in 2 versions:

- exposed water inlets, for connection in front of the wall, from above
- recessed water inlets for connection from behind the wall from above or below.

**10-year warranty** against any manufacturing defects.





- **Water savings:** 80%
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Comfort:** soft-touch operation, temperature stability, anti-cold showers
- **Vandal-resistant:** aluminium panel, streamlined design, concealed fixings, ligature-resistant shower head

## SPORTING 2 SECURITHERM

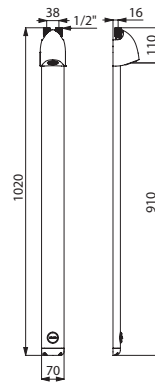
Thermostatic time flow shower panel



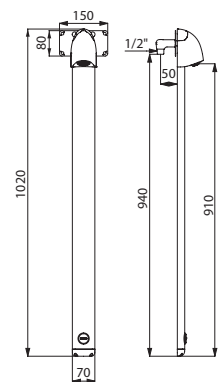
- Anodised aluminium and chrome-plated satin finish.
- Slimline structure with concealed fixings.
- **Soft-touch operation.**
- Automatic mechanical flush with each use.
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Tamperproof, fixed shower head with automatic flow rate regulation.
- Accessible filters and non-return valves.
- **Integrated stopcocks.**
- **Available with AB anti-blocking system:** water will flow only when the push-button is released.
- M $\frac{1}{2}$ " connections.
- Suitable for people with reduced mobility.
- 10-year warranty.

### SECURITHERM technology:

- **Thermostatic mixer** directly integrated in the head of the shower panel.
- Temperature pre-set by the installer.
- **Stable temperature, pre-set at 38°C.**
- **Anti-scalding failsafe:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.



714732AB



714735DP

*Provisional availability 1<sup>st</sup> half 2023.*

*Please contact the sales office to check availability.*

### SPORTING 2 SECURITHERM time flow shower panel

#### With adjustable scale-resistant shower head

Top inlet	<b>714732</b>	<b>£343.41</b>
Top inlet and AB system	<b>714732AB</b>	<b>£357.16</b>
Recessed inlet	<b>714735</b>	<b>£398.36</b>
Recessed inlet and AB system	<b>714735AB</b>	<b>£412.11</b>

#### With rain-effect shower head

Top inlet	<b>714732DP</b>	<b>£362.65</b>
Recessed inlet	<b>714735DP</b>	<b>£417.60</b>

We recommend installing a floor trap (see page 139)

**Option:** soap dish (see page 112)









- **Water savings:** 80%
- **Comfort:** soft-touch operation
- **Vandal-resistant:** anodised anti-corrosion aluminium shower column, chrome-plated brass shower head and controls
- **Easy to install:** supplied ready to fit

**OUTDOOR**

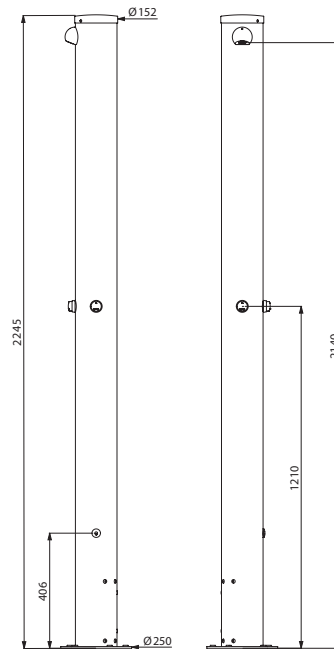
Time flow shower column



- Anodised aluminium shower column ready to fit.
- Bottom inlet via in-line stopcock F $\frac{3}{4}$ ".
- **TEMPOSOFT 2 time flow valve** for mixed water supply.
- **Soft-touch operation.**
- **Time flow ~15 seconds** for the shower head and **~3 seconds** for the foot-rinse.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation at **6 lpm** at 3 bar.
- Chrome-plated solid brass **foot-rinse** with flow rate **3 lpm** at 3 bar.
- Filter.
- Access panel with isolation valve and purge.
- Can easily be taken apart in winter.
- Suitable for people with reduced mobility.
- 10-year warranty.



Access panel



717511

OUTDOOR time flow shower column		
1 shower	<b>717510</b>	<b>£1,184.08</b>
1 shower and 1 foot-rinse	<b>717511</b>	<b>£1,361.70</b>
2 showers	<b>717520</b>	<b>£1,420.90</b>
2 showers and 1 foot-rinse	<b>717521</b>	<b>£1,598.52</b>
4 showers	<b>717540</b>	<b>£1,953.73</b>

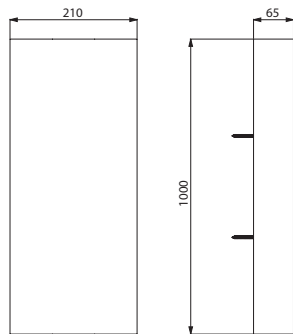
We recommend installing a TMV (see page 151)  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)

**Cut-to-size extension**

For aluminium shower panels



- For aluminium shower panels.
- Protects the pipework between the top of the shower panel and the ceiling.
- W. 210mm, H. 1,000mm.
- Extension can be cut to size.
- Anodised aluminium.
- 10-year warranty.



790152

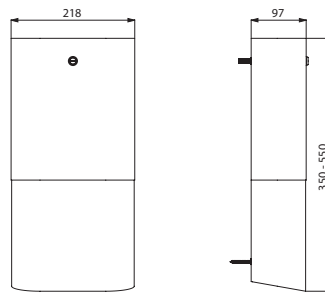
<b>Aluminium extension</b>	<b>790152</b>	<b>£200.70</b>
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**Telescopic extension**

For stainless steel shower panels



- For satin stainless steel shower panels.
- Protects the pipework between the top of the shower panel and the ceiling.
- W. 218mm.
- Height adjustment 350 - 550mm.
- Stainless steel satin finish.
- 10-year warranty.



790153

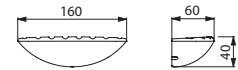
<b>Stainless steel extension</b>	<b>790153</b>	<b>£357.16</b>
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**Soap dish**

Wall-mounted



- Concealed fixings.
- Support fixed to wall by 4 screws.
- Chrome-plated Bayblend®.
- Matte or bright finish.
- 10-year warranty.



710500

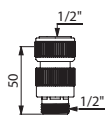
<b>Wall-mounted soap dish</b>		
Matte finish	<b>710500</b>	<b>£42.51</b>
Bright finish	<b>710501</b>	<b>£42.51</b>

**Rapid push-fit STOP connector**

For shower panels



- Rapid push-fit STOP connector.
- For attaching flexible hose to shower panel.
- 10-year warranty.



807792

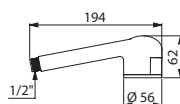
<b>Rapid push-fit STOP connector</b>	<b>807792</b>	<b>£68.63</b>
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**BIOFIL shower filter**

Anti-legionella and all-germ



- Single use shower filter with 0.1µm nominal absolute sterilising grade.
- Hydrophilic polyethylene hollow fibres.
- Length of maximum use: 2 months.
- Filtration area: 1,400cm<sup>2</sup>.
- Filtration flow rate: 12.4 lpm at 3 bar.
- Maximum upstream pressure at point-of-use: 5 bar.
- Medical device CE Class I.
- Packaged individually. Must be ordered in quantities of 10.



30261



shower spray

<b>1 BIOFIL shower filter</b>		
Non-sterile	<b>30261</b>	<b>£81.88</b>

*For more information (see page 149)*

**BIOFIL wall shower filter**

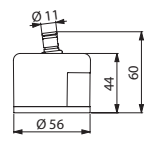
Anti-legionella and all-germ



- Single use wall shower filter with 0.1µm nominal absolute sterilising grade.
- Hydrophilic polyethylene hollow fibres.
- Length of maximum use: 2 months.
- Filtration area: 1,400cm<sup>2</sup>.
- Filtration flow rate: 5.5 lpm at 3 bar.
- Maximum upstream pressure at point-of-use: 5 bar.
- Medical device CE Class I.
- Packaged individually. Must be ordered in quantities of 10.



shower spray



30250

<b>1 wall shower filter</b>		
Non-sterile	<b>30250</b>	<b>£74.85</b>
Push-fit M24/125	<b>820125</b>	<b>£40.59</b>
Push-fit M24×125	<b>821125</b>	<b>£47.37</b>
Vandal-resistant		

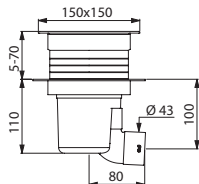
*For more information (see page 149)*

**Floor trap 150 × 150mm**

For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel plate and grid 150 × 150mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 70mm with extension.
- 10-year warranty.



683001UK

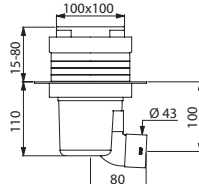
Floor trap 150 × 150mm	683001UK	£97.86
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**Floor trap 100 × 100mm**

For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid 100 × 100mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 80mm with extension.
- 10-year warranty.



682001UK

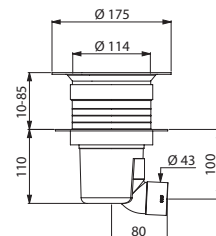
Floor trap 100 × 100mm	682001UK	£57.59
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**Floor trap Ø 114mm**

For soft or vinyl floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid Ø 114mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 85mm with extension.
- 10-year warranty.

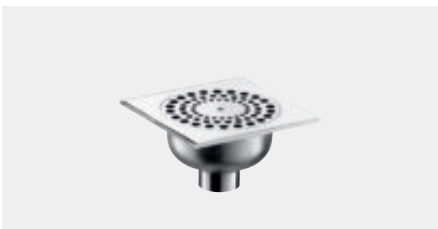


683002UK

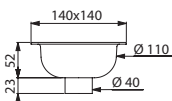
Floor trap Ø 114mm	683002UK	£73.71
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**Floor trap 140 × 140mm**

For tiled or concrete floors



- Flow rate 18 lpm.
- Water level 18mm.
- Brass body 140 × 140mm.
- Bright polished stainless steel grid fixed by a stainless steel screw.
- PVC bell.
- Vertical outlet Ø 40mm (provide elbow for horizontal outlets).
- 10-year warranty.



684000

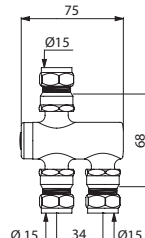
Floor trap 140 × 140mm	684000	£77.18
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**PREMIX NANO**

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 34 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding failsafe.
- Filters and non-return valves.
- Thermal shocks are possible.
- Supplies one shower.
- 10-year warranty.



732116

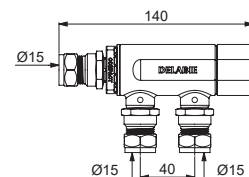
PREMIX NANO		
Nickel, M½" Ø 15mm	732115	£87.66
Nickel, F½" Ø 15mm	732115MEC	£110.24
Polished, M½" Ø 15mm	732116	£103.17

**PREMIX COMPACT**

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 30 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding safety.
- Filters and non-return valves.
- Thermal shocks are possible.
- 10-year warranty.



733115

PREMIX COMPACT		
M½" Ø 15mm 1 - 3 showers	733115	£122.01
M¾" Ø 15mm 1 - 5 showers	733116	£165.17



## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Opens/closes automatically, with no manual contact

Electronic shower controls are operated by active infrared detection.

Depending on the programme, flow opens/shuts off when the detector senses hands (ON/OFF mode) or by detecting a user (automatic mode).

In this instance, it shuts off automatically **when the user leaves the detection zone.**

**No manual contact prevents the spread of germs.**

### Anti-bacterial duty flush programme

If a shower is not used for prolonged periods of time, water stagnates in the pipework, which favours the development of bacteria (e.g. isolated points-of-use, facilities closed during holidays, etc.).

DELABIE's electronic shower controls have a duty flush programme.

**An automatic flush takes place for approximately 60 seconds every 24 hours after the last use** (programmable on some models).

### Scale-resistant shower head

The nozzle in the shower head is made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower).

The design, with no grid, allows the shower head to **drain the water after use, preventing the spread of germs.**

## 80% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional showers, electronic shower controls can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

- **Automatic shut-off and split delivery**

The shower can be interrupted at any moment by the user. If the user forgets, a **security shut-off** stops the flow after 60 seconds.

This removes the risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing).

- **Flow rate 6 lpm**

DELABIE's shower controls are regulated at **6 lpm**. **The flow rate remains constant** regardless of pressure variations in the system.

## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

### Independent electronic unit, 6V battery: SECURITHERM waterproof recessed models

This **waterproof recessing housing** prevents water ingress behind the partition that could leak onto the tiles.

- **Temperature selection and stability**

The user can choose their desired water temperature by adjusting the single control, which is stable regardless of pressure variations in the system.

- **Anti-scalding failsafe**

**SECURITHERM thermostatic** technology ensures that the hot water supply **shuts off immediately** if the cold water fails.

### Independent electronic control unit, 230/12V mains supply: TEMPOMATIC recessed or cross wall models

The mains unit provides the option to adjust the detection distance, change the operating mode (ON/OFF or automatic) and change the duty flush settings. The electronic control units are waterproof (IP65) with integrated LEDs to help with diagnostic checks.

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Resistant to intensive use and vandalism

Electronic controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The models are available in **recessed** or **cross wall** versions.

To prevent abuse and waste, the **security shut-off** system prevents the valve from being blocked in continuous flow.

### Superior endurance

The mechanisms in electronic controls are hard-wearing. The solenoid valve has a lifespan of over **500,000 operations.**

### Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

### Comfortable spray

The specially designed nozzle delivers a **comfortable spray** which provides **effective** coverage and a reduced noise level. The spray can be **adjusted.**

**10-year warranty** against any manufacturing defects.



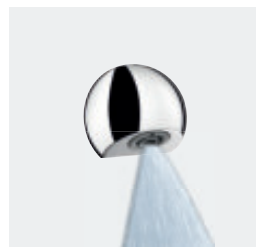
Complies with European directives CEM 2014/30/UE and BT 2014/35/UE.



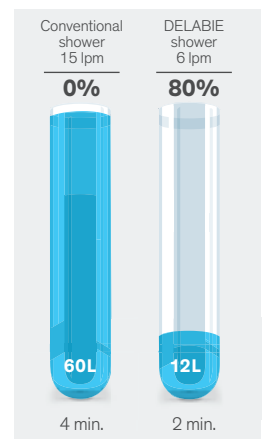
Hygiene and controlling bacterial proliferation



Shower head with no grid



Comfortable spray



Water savings per use



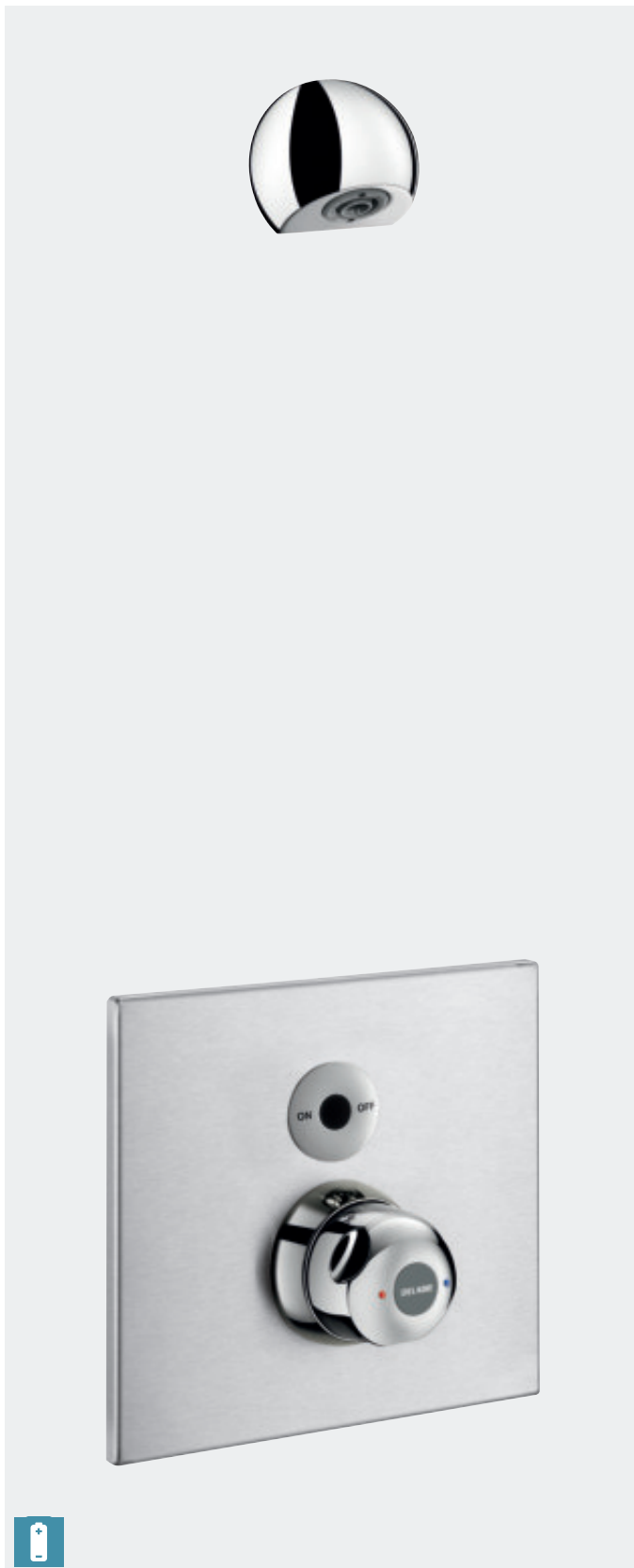
Vandal-resistant



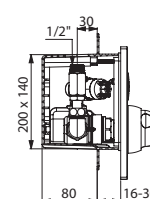
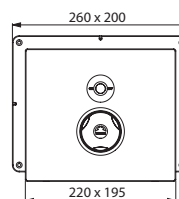
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Comfort:** temperature selection directly on the mixer, thermostatic control, voluntary or automatic shut-off
- **Anti-scalding safety:** automatic shut-off if cold water fails

## SECURITHERM

Thermostatic electronic shower kit in waterproof housing



- Tamperproof satin finish stainless steel wall plate 195 × 220mm.
- **Waterproof recessing housing.**
- 16 - 30mm allowance for different wall finishes.
- **SECURITHERM thermostatic mixer 3/4".**
- **Anti-scalding safety:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Adjustable temperature from 32 - 40°C, pre-set at 38°C.
- **Battery-operated with 223 CR-P2 6V Lithium battery.**
- Infrared presence detection.
  - Shower starts when hand is 4cm from the sensor.
- Shuts off voluntarily or automatically after ~60 seconds.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Flow rate 6 lpm** at 3 bar for the kit.
  - Mixer only flow rate 9 lpm at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Concealed fixings, stopcocks M1/2".
- Integrated filters and non-return valves.
- Chrome-plated Bayblend® control knob.
- Suitable for people with reduced mobility.
- 10-year warranty.



792BOX + 792459

SECURITHERM shower in waterproof housing		
Kit with shower head (flow rate 6 lpm)	<b>792BOX</b> <b>+ 792459</b>	<b>£222.17</b> <b>£907.83</b>
Mixer without shower head (flow rate 9 lpm)	<b>792BOX</b> <b>+ 792452</b>	<b>£222.17</b> <b>£804.82</b>

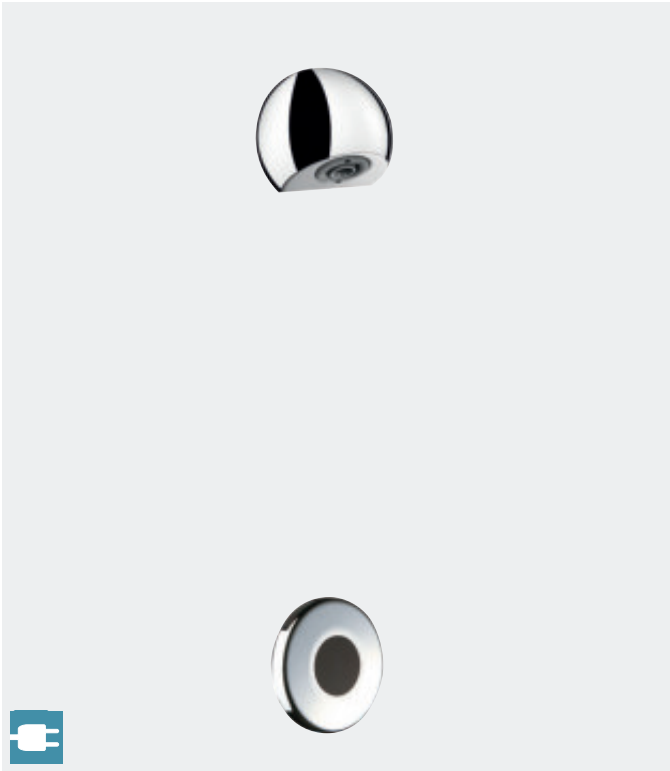
*We recommend installing a floor trap (see page 139)*



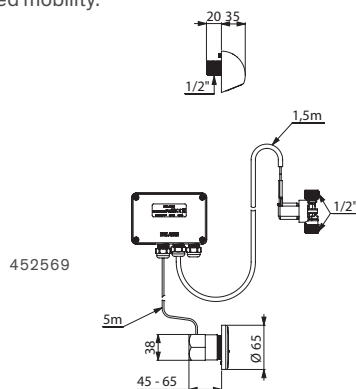
- **Water savings:** 80%
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Comfort:** adjustable time flow, two activation modes
- **Vandal-resistant:** chrome-plated solid brass, recessed or cross wall installation, concealed fixings

### TEMPOMATIC

Recessed electronic shower kit



- **TEMPOMATIC electronic valve** for mixed water supply.
- For recessed installation.
- Power supply by electronic control unit with solenoid valve 1/2".
- 230/12V transformer.
- **2 operation modes:**
  - Automatic activation via presence detection.
  - Voluntary ON/OFF activation by passing hand in front of sensor ~10cm.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Adjustable time flow** from 30 - 60 seconds.
- **Flow rate 6 lpm** at 3 bar (for full kit) with chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Suitable for people with reduced mobility.
- 10-year warranty.



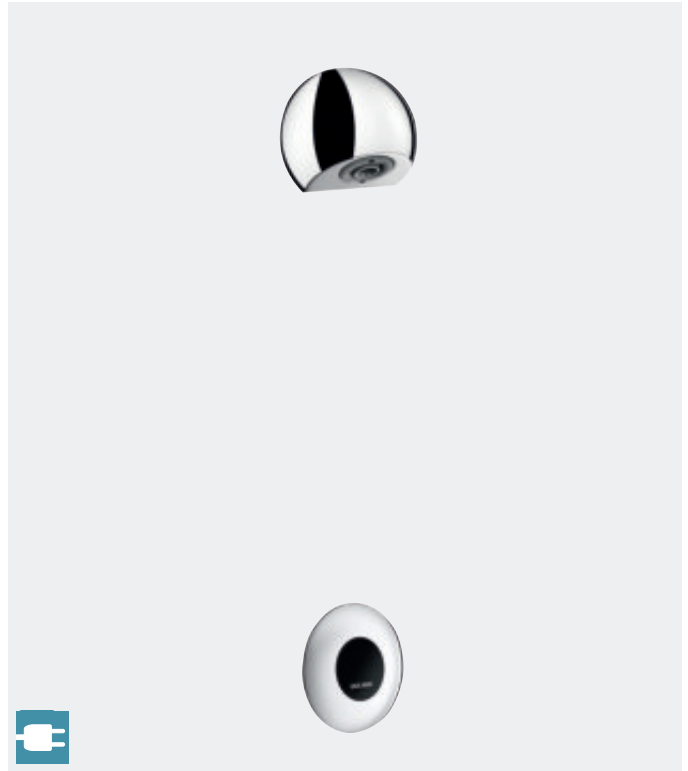
#### TEMPOMATIC recessed shower

Kit with shower head (flow rate 6 lpm)	<b>452569</b>	<b>£578.54</b>
Valve without shower head (flow rate 20 lpm)	<b>452565</b>	<b>£475.51</b>

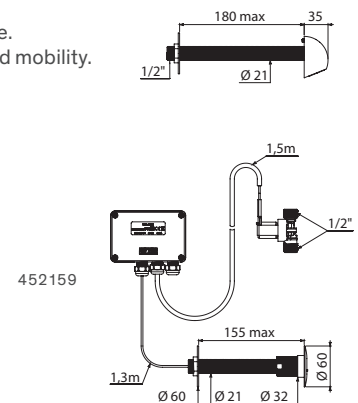
We recommend installing a TMV (see page 151) and a floor trap (see page 139)

### TEMPOMATIC

Cross wall electronic shower kit



- **TEMPOMATIC electronic valve** for mixed water supply.
- For walls ≤ 155mm.
- Power supply by electronic control unit with solenoid valve 1/2".
- 230/12V transformer.
- **2 operation modes:**
  - Automatic activation via presence detection.
  - Voluntary ON/OFF activation by passing hand in front of sensor ~10cm.
- **Duty flush** (~60 seconds every 24 hours after the last use).
- **Adjustable time flow** from 30 - 60 seconds.
- **Flow rate 6 lpm** at 3 bar (for full kit) with chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Wall plate flush to the wall.
- Threaded rods can be cut to size.
- Suitable for people with reduced mobility.
- 10-year warranty.



#### TEMPOMATIC cross wall shower

Kit with shower head (flow rate 6 lpm)	<b>452159</b>	<b>£494.51</b>
Valve without shower head (flow rate 20 lpm)	<b>452150</b>	<b>£390.39</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)





## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Automatic timed shut-off, with no manual contact

The time flow shower controls shut off automatically once the push-button has been pressed and the valve has opened.

No manual contact after washing prevents the spread of germs by hand.

### Scale-resistant shower head

The nozzle in the shower head is made from **Hostaform®**, a material that is highly scale-resistant (build-up of scale is 10 times slower). The design, with no grid, allows the shower head to drain the water after use, preventing the spread of germs.

## DESIGN

### Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**. The diversity of the product range fits in perfectly with any commercial installation. In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings. In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

### Design without constraints

Aesthetic products are subject to less vandalism as they are better respected. The **smooth shape** of the showers reduces the build-up of dirt and facilitates cleaning. Easy but secure access to control mechanisms provides easy maintenance.

## 80% WATER AND ENERGY SAVINGS

### Water savings

Compared to conventional showers, DELABIE's time flow shower controls can offer maximum water savings. They ensure the manager's water bills can be reduced whilst preserving user comfort.

- **Automatic shut-off and split delivery**  
The time flow is automatic and shuts off after approximately 30 seconds of flow. The time flow controls remove the risk of waste through negligence. The time flow is reduced to the necessary minimum (wetting, rinsing).
- **Flow rate 6 lpm**  
The shower valves are regulated at 6 lpm. The flow rate remains constant regardless of pressure variations in the system.

### Energy savings

The time flow shower controls operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**. The significant **hot water savings** provided by DELABIE's shower controls also result in energy savings.

### Ecological

DELABIE's shower valves are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

### Environmental labels

The water and energy saving performance of DELABIE's shower controls means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.  
*For more information see page 8.*



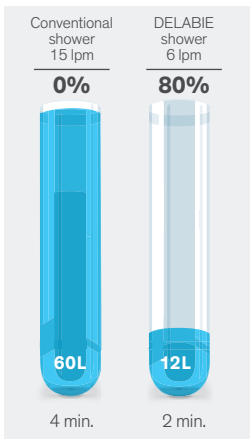
Hygiene and controlling bacterial proliferation



Optimised time flow



Shower head with no grid



Water savings per use

## COMPARISONS OF WATER CONSUMPTION

Comparison between a conventional shower and a DELABIE time flow shower

Flow rate	Wetting	Soaping	Rinsing	Water consumption
15L	1 min.	2 min.	1 min.	<b>60L</b> 4 min.
6L	2 x 30 sec.		2 x 30 sec.	<b>12L</b> 2 min.



## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user. DELABIE has developed specific products to respond to a variety of challenges (improving comfort, avoiding waste, user safety, etc.).

### Soft technology: soft-touch operation

DELABIE has developed time flow controls with **soft-touch operation**. Soft technology allows all users (children, the elderly or people with reduced mobility) to use the controls with no effort required. **TEMPOSOFT** and **TEMPOMIX 3** models are fitted with a priming system that requires half the effort to operate compared to a conventional tap.

### Comfort

#### • Temperature selection

Users choose the temperature themselves using the **TEMPOMIX** or **SECURITHERM control**.

#### • Temperature stability

**SECURITHERM thermostatic** panels provide additional comfort by perfectly regulating water temperature, even in the event of pressure variations.

#### • Anti-cold showers function

**SECURITHERM** thermostatic technology ensures **automatic shut-off if the hot water fails**.

### Anti-scalding failsafe

#### • Maximum temperature limiter

DELABIE's mixers are delivered with a **pre-set maximum temperature limiter** that can be adjusted during installation.

The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

#### • Anti-scalding safety

**SECURITHERM** thermostatic technology ensures that **the hot water shuts off immediately if the cold water fails**.

### Comfortable spray

The specially designed nozzle delivers a **comfortable spray** which provides **effective** coverage and a reduced noise level. The spray can be **adjusted**.

### Waterproof recessing

Some models have a waterproof recessing housing (**TEMPOMIX**, **TEMPOSTOP** and **SECURITHERM**). The **TEMPOMIX 3** features **DELABIE's newest generation of recessing housings**. This housing is **100% waterproof** and can be installed on different fixtures (rails, solid walls, panels) and can be adapted to fit different wall thicknesses from 10 to 120mm. The collar, with integrated seal, ensures a waterproof seal.

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Resistant to intensive use and vandalism

DELABIE's time flow shower controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary. The controls are made from chrome-plated solid brass, and fitted with **shock-resistant** mechanisms. The **fixings are reinforced**. **Streamlined designs** discourage attempts to pull them off.

### Adjustable installations

The controls are available as exposed, recessed or cross wall models for the secure sector for example. These models make access to the mechanisms impossible for the user.

### Superior endurance

The time flow mechanisms in DELABIE shower controls are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**. There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**. DELABIE's shower controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

### Minimal servicing

Shower head nozzles and mechanisms are made from **scale-resistant materials** (Hostaform®) and do not require de-scaling. The self-cleaning mechanisms are protected by filters.

### Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff. The whole of the system is integrated within **an interchangeable cartridge which can be accessed from the front, without having to remove the valve**.

**10-year warranty** against any manufacturing defects.

### Technical characteristics

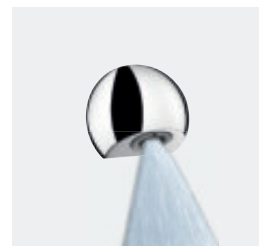
Operating pressure	1 - 5 bar, 3 bar recommended
Pressure differential CW / HW	$\Delta P < 1$ bar
Temperature limiter	Can be adjusted
HW supply	55°C max
Time flow	30 seconds



Soft technology: soft-touch operation



Anti-scalding safety



Comfortable spray



Waterproof recessing housing



Vandal-resistant





- **Water savings:** 80%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** recessed installation, concealed fixings
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

## TEMPOMIX 3

Recessed time flow shower mixer with soft-touch operation

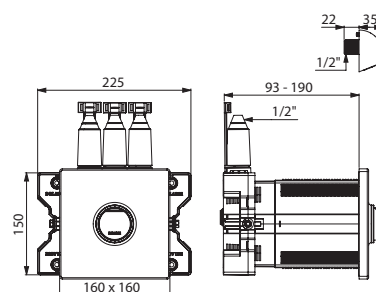


- **Tamperproof chrome-plated metal control plate 160 × 160mm.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcocks and flow rate adjustment, filters, non-return valves and cartridge are all integrated and accessible from the front.
  - TEMPOMIX 3 single control mixer F1/2".
  - Supplied in 2 kits: secure system flush without sensitive elements.
- **Temperature control and operation via the push-button.**
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar for the kit.  
Mixer only flow rate 12 lpm at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Suitable for people with reduced mobility.
- 10-year warranty.

TEMPOMIX 3 recessed shower valve in recessed waterproof housing		
Kit with shower head	<b>794BOX1</b> + <b>794219</b>	<b>£309.76</b> <b>£317.04</b>
Mixer without shower head (flow rate 12 lpm)	<b>794BOX1</b> + <b>794218</b>	<b>£309.76</b> <b>£214.03</b>

We recommend installing a floor trap (see page 139)

**Option:** rain-effect nozzle, add "DP" after reference 794219 (see page 144)

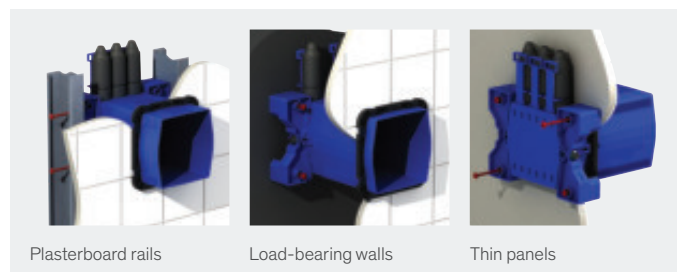


794BOX1 + 794219

## TEMPOMIX 3 RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

### Modular

Attachable from the sides, front or behind, DELABIE's recessed housing can be used on **plasterboard rails**, on **load-bearing walls** or even **thin panels**, the installation is therefore modular, adapting to the type of project.



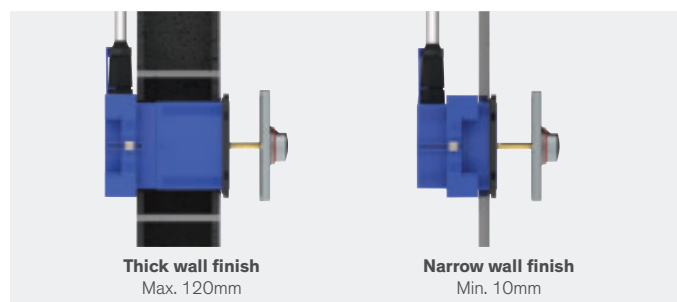
Plasterboard rails

Load-bearing walls

Thin panels

### Adaptable

It is the ideal positioning of the collar that enables the housing to be cut to size lengthwise depending on the wall thickness whilst still guaranteeing complete waterproofing. **Thin or thick, the housing adapts to all the requirements of walls from 10 to 120mm.**



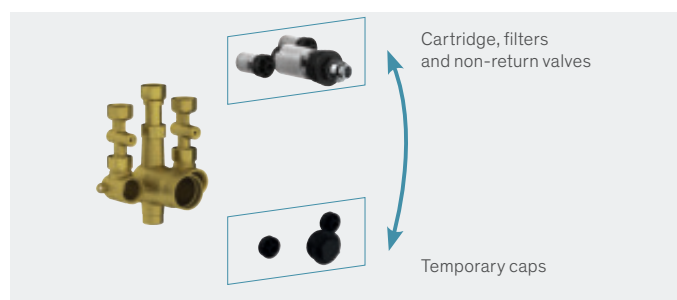
Thick wall finish  
Max. 120mm

Narrow wall finish  
Min. 10mm

### Quick and easy to install

The TEMPOMIX 3 can be connected to standard piping or "pipe in pipe". The hydraulic connection is made from the outside of the housing.

During installation, the time flow cartridge, the filters and non-return valves are replaced by temporary caps to **flush the system safely**, without damaging the technical elements.



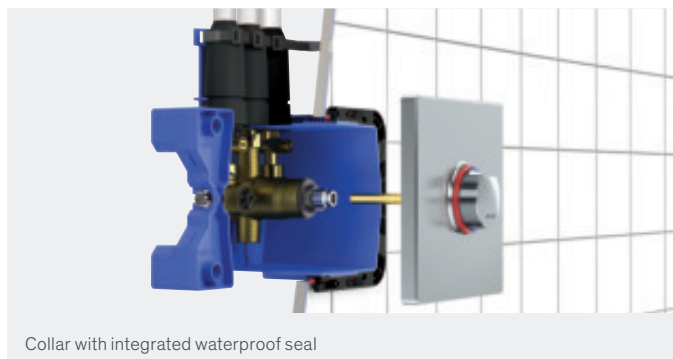
Cartridge, filters  
and non-return valves

Temporary caps

### 100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system). **It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Collar with integrated waterproof seal

### Resistant to intensive use and vandalism

A **solid brass** body, shock-resistant mechanisms, a **chrome-plated metal plate**, the TEMPOMIX 3 will withstand even the most extreme handling. Its fixings are concealed. Its streamlined design discourages any attempt to pull it off.

### Minimal servicing and simple to maintain

**Maintenance is carried out from the front** by simply removing the control plate.

The technical elements are accessible and the loose parts come **pre-assembled**. Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

### 85% water savings

Shut-off is **automatic after ~30 seconds** of flow. DELABIE's time flow controls remove any risk of waste through negligence. The flow time is reduced to the necessary minimum (wetting, rinsing). The **flow rate is regulated at 6 lpm** regardless of pressure variations in the system.

### Soft-touch operation

Soft technology allows all users (children, the elderly or people with reduced mobility) to use the controls with no effort. The TEMPOMIX 3 requires **half the effort to operate** compared to a conventional shower control.

### Temperature limitation and selection

Users can choose the temperatures themselves. The selection is made via the **single control push-button**.

The mixer is supplied with a pre-set maximum **temperature limiter** which can be adjusted at installation. The user cannot increase the temperature above the maximum set temperature, reducing any risk of scalding.

**STREAMLINED DESIGN  
LIGATURE-RESISTANT**  
Reducing the risk of harm



**FLOW RATE REGULATED AT 6 LPM**  
Water savings

**SCALE-RESISTANT SHOWER HEAD**  
Minimal servicing

**WATERPROOF HYDRAULIC  
CONNECTION**  
Standard pipe or "pipe in pipe"

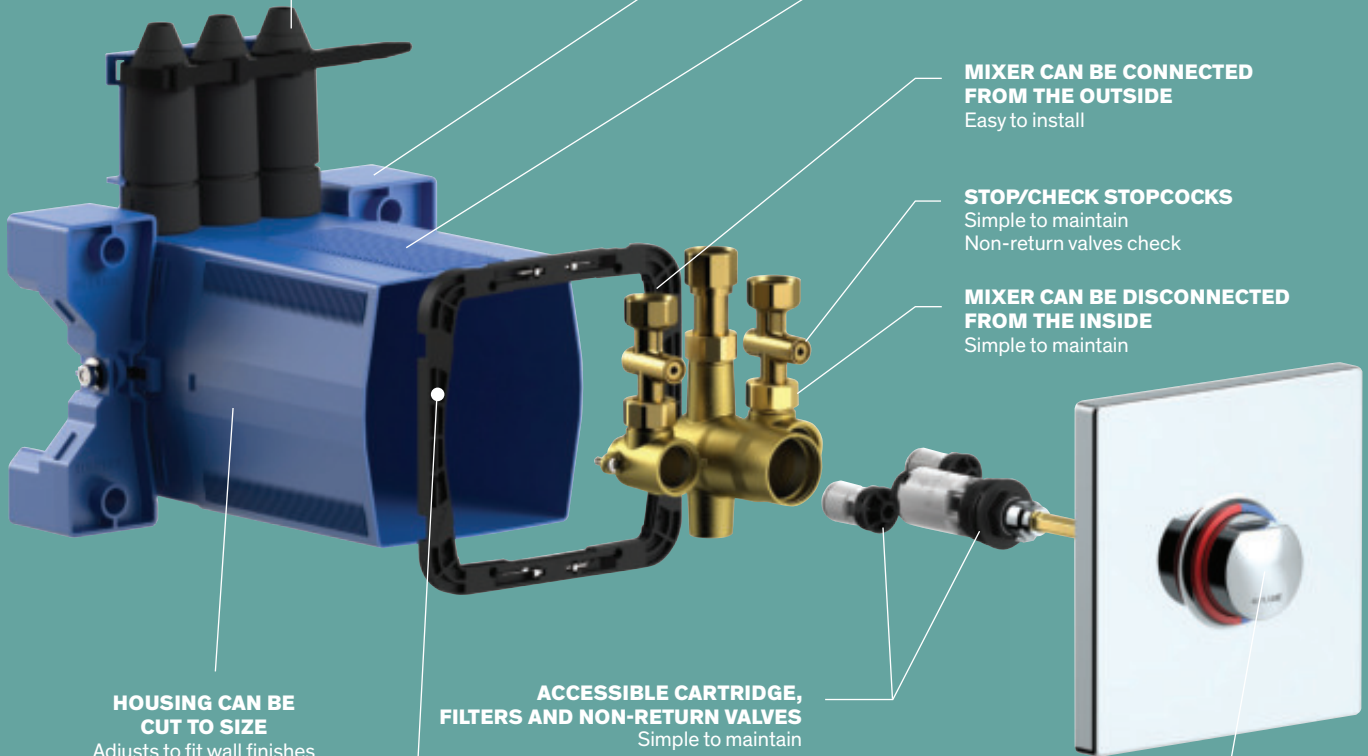
**FINS CAN BE ADJUSTED ACCORDING  
TO INSTALLATION TYPE**  
Easy to install

**NOTCHES TO CLIP  
AND FIX COLLAR ONTO** (patented)  
Easy to install

**MIXER CAN BE CONNECTED  
FROM THE OUTSIDE**  
Easy to install

**STOP/CHECK STOPCOCKS**  
Simple to maintain  
Non-return valves check

**MIXER CAN BE DISCONNECTED  
FROM THE INSIDE**  
Simple to maintain



**HOUSING CAN BE  
CUT TO SIZE**  
Adjusts to fit wall finishes  
up to 120mm

**ACCESSIBLE CARTRIDGE,  
FILTERS AND NON-RETURN VALVES**  
Simple to maintain

**SOFT-TOUCH OPERATION  
AND TEMPERATURE SELECTION**  
Improved comfort



**COLLAR  
WITH INTEGRATED SEAL**  
Completely waterproof



TEMPOMIX 3 time flow shower kit **794450** - Floor trap **682001UK** - Double coat hook **4042P**





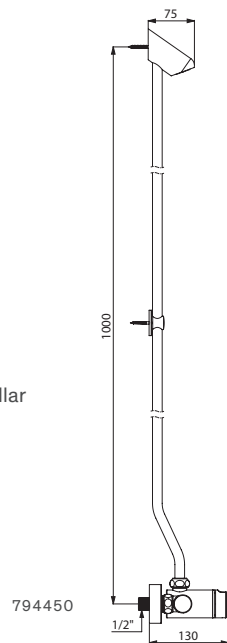
- **Water savings:** 80%
- **Vandal-resistant:** chrome-plated solid brass, streamlined design
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation

### TEMPOMIX 3

Exposed time flow shower kit



- **TEMPOMIX 3 single control mixer** 3/4".
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **TONIC JET shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Reinforced shower column Ø 16mm and collar (mounting bracket and screws included).
- Offset connectors M1/2", for centres 130 - 170mm.
- **Available with AB anti-blocking system:** water will flow only when the push-button is released.
- Suitable for people with reduced mobility.
- 10-year warranty.



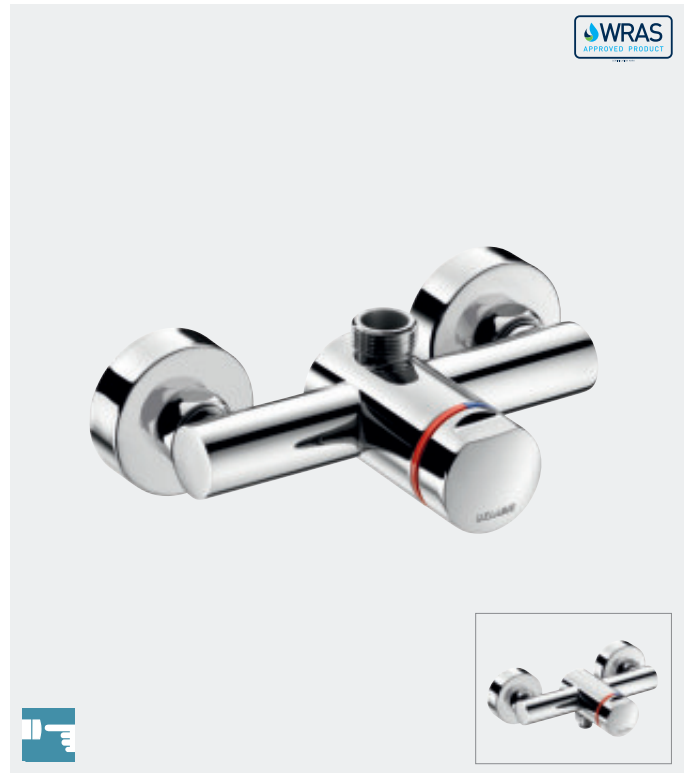
\* Provisional availability 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.

TEMPOMIX 3 exposed		
Shower kit	794450	£465.16
Shower kit with AB system	794450AB*	£478.18

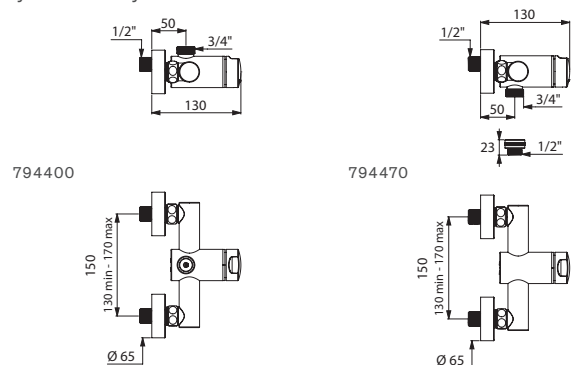
We recommend installing a floor trap (see page 139)  
Options: STOP/CHECK connectors (see page 144)  
Rain-effect nozzle, add "DP" after the reference (see page 144)

### TEMPOMIX 3

Exposed time flow shower mixer



- **TEMPOMIX 3 single control mixer** 3/4".
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted from 6 - 12 lpm.
- Chrome-plated solid brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Offset connectors M1/2", for centres 130 - 170mm.
- Suitable for people with reduced mobility.
- 10-year warranty.



TEMPOMIX 3 exposed mixer		
Top inlet M3/4"	794400	£295.70
Bottom inlet M3/4" with union M1/2"	794470	£302.73

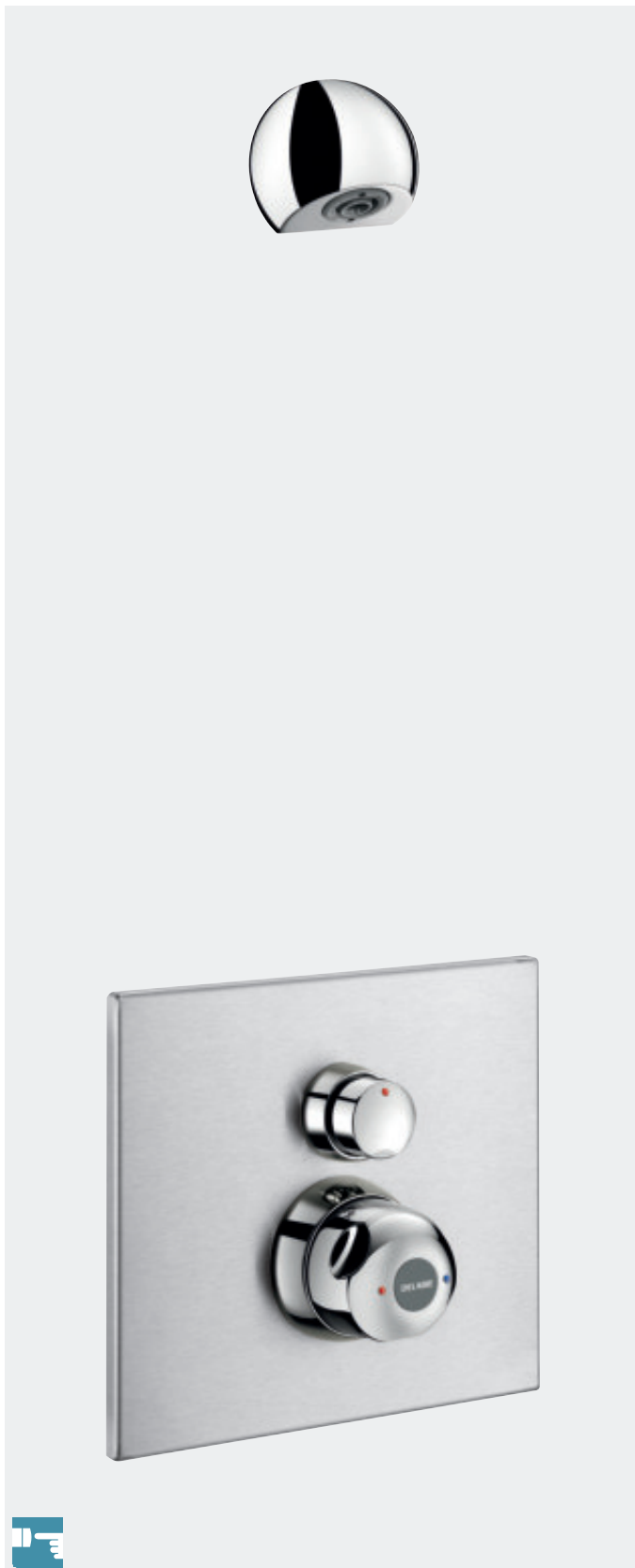
We recommend installing a floor trap (see page 139)  
Options: STOP/CHECK connectors (see page 144) and shower heads (see page 142)



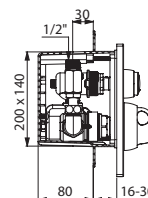
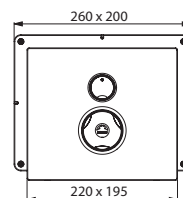
- **Water savings:** 80%
- **Comfort:** temperature selection directly via the mixer, thermostatic control, soft-touch operation
- **Anti-scalding safety:** automatic shut-off if cold water fails
- **Easy to install:** adjustable waterproof housing

## SECURITHERM

Thermostatic time flow shower kit in a waterproof housing



- Tamperproof satin finish stainless steel control plate 195 × 220mm.
- **Waterproof recessing housing.**
- 16 - 30mm allowance for different wall finishes.
- **SECURITHERM thermostatic mixer 3/4".**
- **Anti-scalding safety:** automatic shut-off if cold water fails.
- **Anti-cold showers function:** automatic shut-off if hot water fails.
- Adjustable temperature control from 32 - 40°C, pre-set at 38°C.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar for the kit.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Concealed fixings, stopcocks M1/2".
- Integrated filters and non-return valves.
- Chrome-plated Bayblend® control knob.
- Suitable for people with reduced mobility.
- 10-year warranty.



792BOX + 792219

SECURITHERM shower recessed in waterproof housing		
Kit with shower head	<b>792BOX</b> <b>+ 792219</b>	<b>£222.17</b> <b>£621.47</b>
Mixer without shower head (flow rate 9 lpm)	<b>792BOX</b> <b>+ 792218</b>	<b>£222.17</b> <b>£533.54</b>

We recommend installing a floor trap (see page 139)

**Option:** rain-effect nozzle, add "DP" after reference 792219 (see page 144)



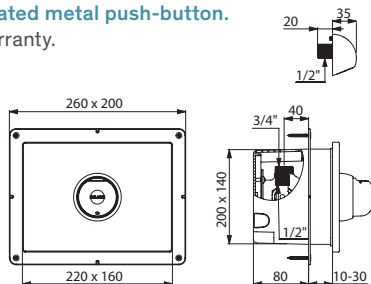
- **Water savings:** 80%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** chrome-plated ligature-resistant collar, recessed installation, concealed fixings

### TEMPOMIX

Time flow shower kit in a waterproof housing



- Tamperproof bright polished stainless steel control plate 160 × 220mm.
- **Waterproof recessing housing.**
- 10 - 30mm allowance for different wall finishes.
- **TEMPOMIX single control mixer 3/4".**
- **Ligature-resistant collar.**
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Time flow ~30 seconds, soft-touch operation.**
- **Flow rate 6 lpm** at 3 bar for the kit.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Concealed fixings, stopcocks M1/2".
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- 10-year warranty.



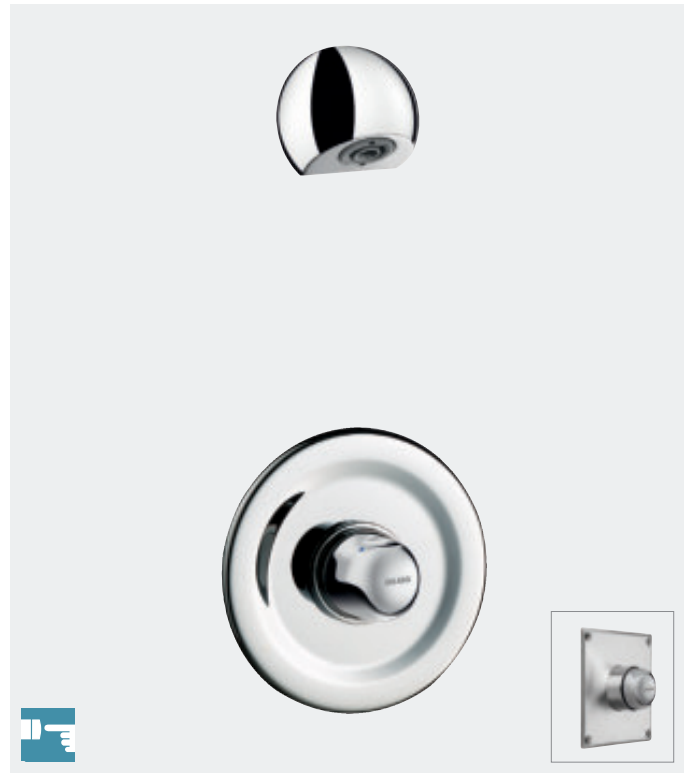
790BOX + 790219

TEMPOMIX shower recessed in waterproof housing		
Kit with shower head	<b>790BOX</b> <b>+ 790219</b>	<b>£104.68</b> <b>£439.92</b>
Mixer without shower head (flow rate 12 lpm)	<b>790BOX</b> <b>+ 790218</b>	<b>£104.68</b> <b>£336.90</b>

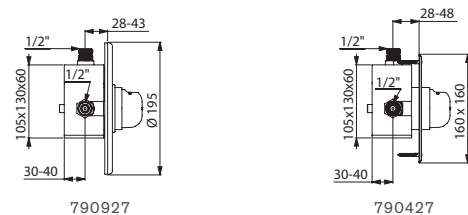
We recommend installing a floor trap (see page 139)

### TEMPOMIX

Time flow shower kit in a standard housing



- Chrome-plated metal or stainless steel wall plate.
- **Standard recessing housing.**
- Recessing depth can be adjusted.
- **TEMPOMIX single control mixer 3/4".**
- **Ligature-resistant collar.**
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Time flow ~30 seconds, soft-touch operation.**
- **Flow rate 6 lpm or 12 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- M1/2" connections for copper tubes.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- 10-year warranty.



790927

790427

TEMPOMIX shower recessed in standard housing		
<b>Kit with shower head</b> (flow rate - 6 lpm)		
With wall plate Ø 195mm and ROUND shower head	<b>790909</b>	<b>£427.09</b>
With st. steel wall plate 160×160, ROUND shower head	<b>790709</b>	<b>£427.09</b>
<b>Mixer without shower head</b> (flow rate - 12 lpm adjustable)		
With wall plate Ø 195mm	<b>790927</b>	<b>£324.07</b>
With stainless steel wall plate 160 × 160mm	<b>790427</b>	<b>£324.07</b>

We recommend installing a floor trap (see page 139)

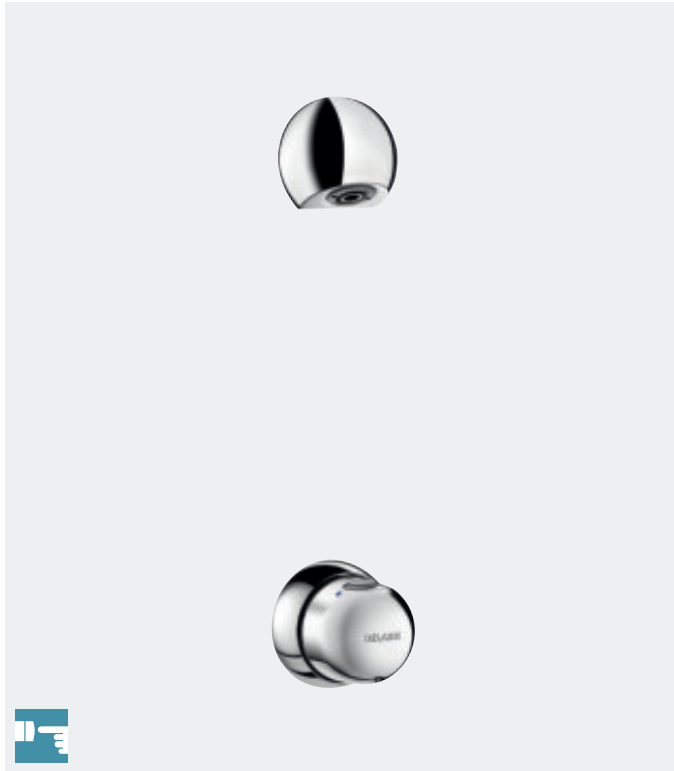
## DELABIE / Time flow shower controls TEMPOMIX



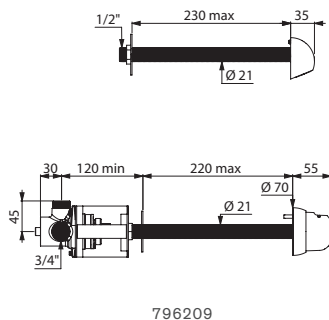
- **Water savings:** 80%
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** chrome-plated solid brass, cross wall model

### TEMPOMIX

Cross wall time flow shower kit



- **TEMPOMIX 3/4" single control mixer.**
- For walls  $\leq 220$ mm.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Ligature-resistant collar.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Solid brass valve body and shower head.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Threaded rods can be cut to size.
- 10-year warranty.



796209

<b>TEMPOMIX cross wall shower kit</b>	<b>796209</b>	<b>£486.10</b>
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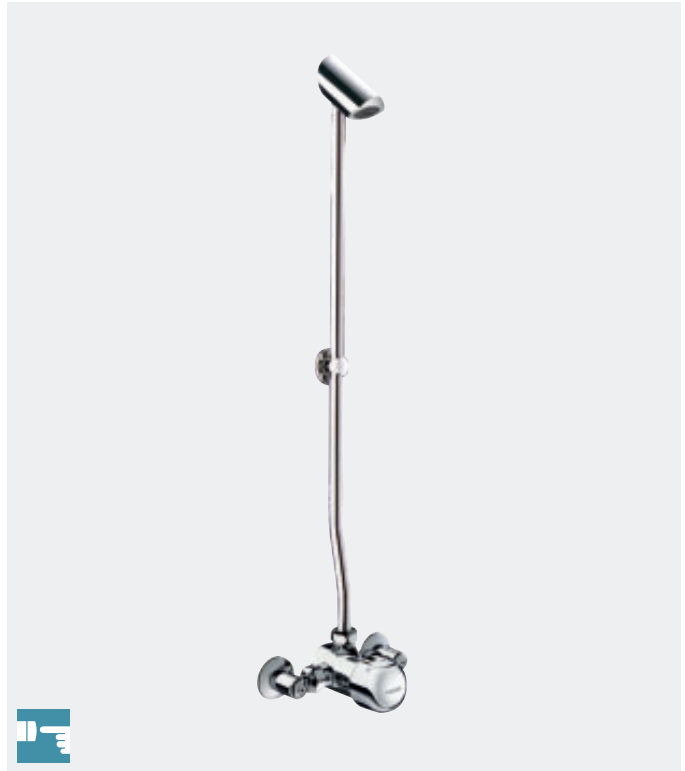
We recommend installing a floor trap (see page 139)

**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)

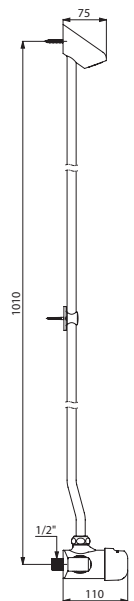
Other cross wall lengths available on request (minimum order of 200 units)

### TEMPOMIX

Exposed time flow shower kit



- **TEMPOMIX 3/4" single control mixer.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **TONIC JET shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Reinforced shower column  $\varnothing 16$ mm and collar (mounting bracket and screws supplied).
- Available with or without M $\frac{1}{2}$ " unions.
- 10-year warranty.



790006

<b>TEMPOMIX exposed shower kit</b>		
With 2 elbow stopcocks, 150mm centres	<b>790006</b>	<b>£509.26</b>
With 2 elbow unions, 150mm centres	<b>790008</b>	<b>£472.40</b>
Without supply unions M $\frac{3}{4}$ " 90mm centres	<b>790001</b>	<b>£414.17</b>

We recommend installing a floor trap (see page 139)

**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)



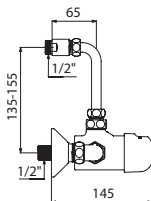
- **Water savings**
- **Comfort:** temperature selection directly via the single control mixer, soft-touch operation
- **Vandal-resistant:** chrome-plated solid brass

### TEMPOMIX

Exposed time flow shower mixer



- **TEMPOMIX 3/4" single control mixer.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- With 2 offset M1/2" unions for 110 - 194mm centres and top inlet M1/2" can be adjusted from 135 - 155mm.
- 10-year warranty.



790875

**TEMPOMIX exposed mixer with offset unions**      **790875**      **£470.10**

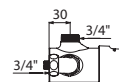
We recommend installing a floor trap (see page 139)  
**Option:** shower heads (see page 141)

### TEMPOMIX

Exposed time flow shower mixer



- **TEMPOMIX 3/4" single control mixer.**
- For wall-mounted, exposed installation.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Available with or without elbow unions.
- 10-year warranty.



790874



790000

TEMPOMIX exposed mixer		
With elbow unions 150mm centres	<b>790874</b>	<b>£318.84</b>
With in-line unions 90mm centres	<b>790000</b>	<b>£253.63</b>
For panels 1 - 10mm	<b>790970</b>	<b>£270.54</b>
For panels 8 - 16mm	<b>790975</b>	<b>£270.54</b>
Reinforced wall plate Ø 80mm. Recommended for installing on panels or dry walls	<b>824800</b>	<b>£31.60</b>

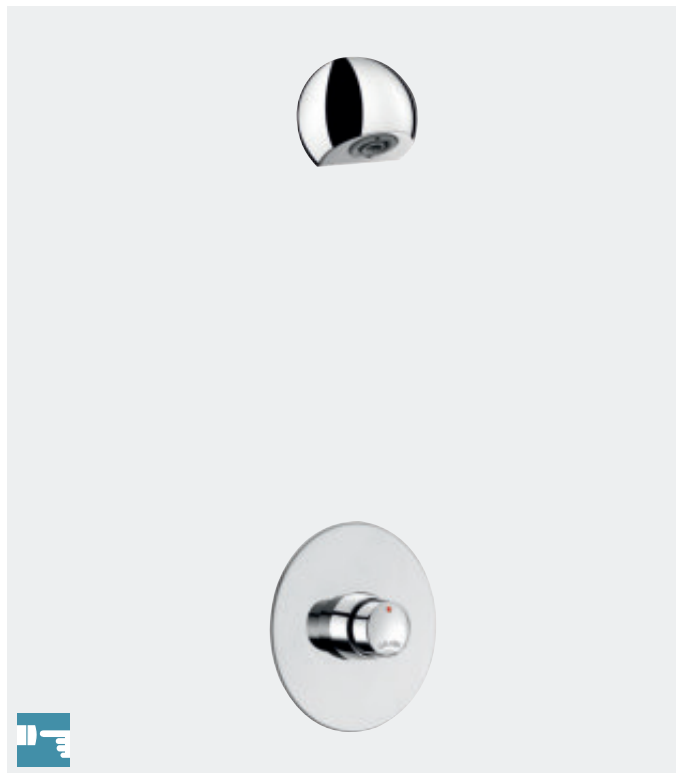
We recommend installing a floor trap (see page 139)  
**Option:** shower heads (see page 141)



- **Water savings:** 80%
- **Comfort:** soft-touch operation

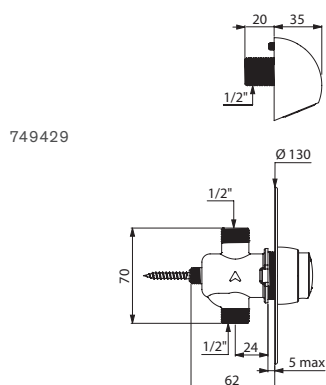
## TEMPOSOF 2

Recessed time flow shower kit



- **TEMPOSOF 2 M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- For recessed installation.
- Bright polished 304 stainless steel wall plate  $\varnothing$  130mm.
- Spacing can be adjusted from 1 – 5mm.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Solid brass body and shower head.
- Suitable for people with reduced mobility. 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*

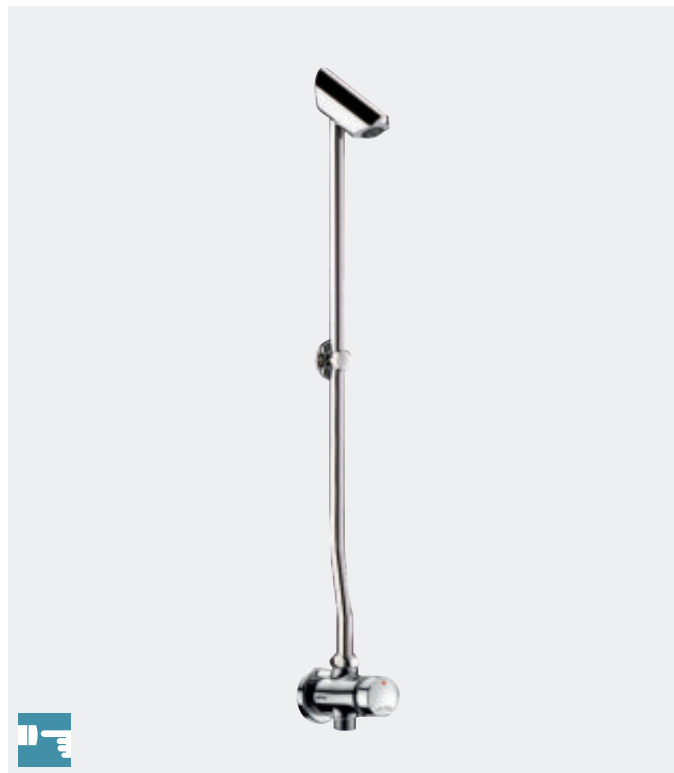


<b>TEMPOSOF 2 recessed shower kit</b>	<b>749429</b>	<b>£237.83</b>
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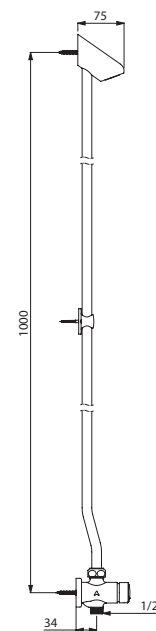
*We recommend installing a TMV (see page 151) and a floor trap (see page 139)*

## TEMPOSOF 2

Exposed time flow shower kit



- **TEMPOSOF 2 M $\frac{1}{2}$ " time flow valve** for mixed water supply from beneath.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **TONIC JET shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Reinforced shower column  $\varnothing$  16mm and collar (mounting bracket and screws supplied).
- Suitable for people with reduced mobility.
- 10-year warranty.



<b>TEMPOSOF 2 exposed shower kit</b>		
TEMPOSOF 2 exposed	<b>747801</b>	<b>£300.23</b>
In-line stopcock MF $\frac{1}{2}$ " (see page 144)	<b>825215</b>	<b>£33.39</b>
Elbow stopcock MF $\frac{1}{2}$ " (see page 144)	<b>836015</b>	<b>£47.00</b>

*We recommend installing a TMV (see page 151) and a floor trap (see page 139)*  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)



- **Water savings:** 80%
- **Comfort:** soft-touch operation

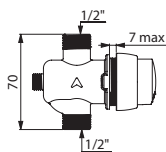
### TEMPOSOFT 2

Time flow valve for panels



- **TEMPOSOFT 2 M<sup>1</sup>/<sub>2</sub>" time flow valve** for mixed water supply.
- **For panels or dry walls 7mm max.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Solid brass body.
- Suitable for people with reduced mobility.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



749870

<b>TEMPOSOFT 2 valve for panels</b>	<b>749870</b>	<b>£93.29</b>
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)

**Option:** shower heads (see page 141)

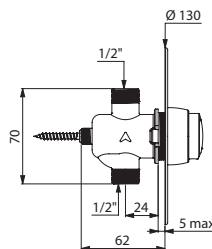
### TEMPOSOFT 2

Recessed time flow valve



- **TEMPOSOFT 2 M<sup>1</sup>/<sub>2</sub>" time flow valve** for mixed water supply.
- For recessed installation.
- Bright polished 304 stainless steel wall plate Ø 130mm.
- Spacing can be adjusted from 1 – 5mm.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Solid brass body.
- Suitable for people with reduced mobility.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



749428

<b>TEMPOSOFT 2 recessed valve</b>	<b>749428</b>	<b>£121.09</b>
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)

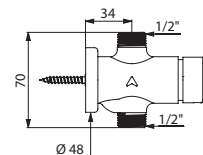
**Option:** shower heads (see page 141)

### TEMPOSOFT 2

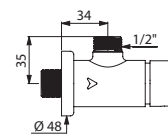
Exposed time flow valve



- **TEMPOSOFT 2 M<sup>1</sup>/<sub>2</sub>" time flow valve** for mixed water supply.
- For wall-mounted exposed installation.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate pre-set at 6 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass body.
- Suitable for people with reduced mobility.
- 10-year warranty.



747800



748800

<b>TEMPOSOFT 2 exposed valve</b>		
Straight for in-line inlets	<b>747800</b>	<b>£98.52</b>
Angled for recessed inlets	<b>748800</b>	<b>£87.19</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

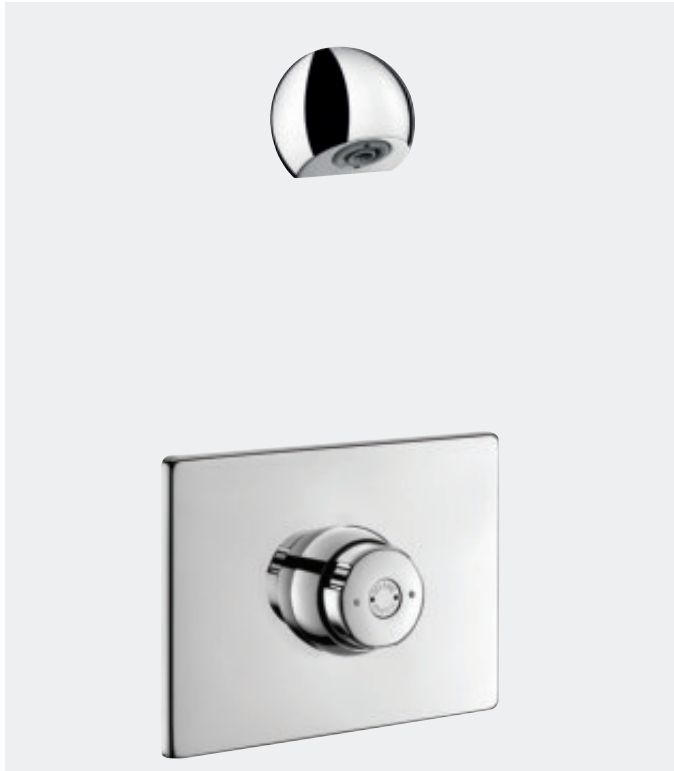
**Option:** shower heads (see page 142)



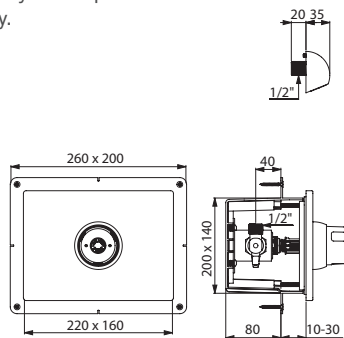
- **Water savings**
- **Vandal-resistant:** ligature-resistant collar, recessed installation, concealed fixings
- **Easy to install:** adjustable waterproof housing

## TEMPOSTOP

Recessed time flow shower kit



- Tamperproof bright polished stainless steel control plate 160 × 220mm.
- **Waterproof recessing housing.**
- 10 - 30mm allowance for different wall finishes.
- **TEMPOSTOP 3/4" time flow valve** for mixed water supply.
- **Ligature-resistant collar.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Solid brass body.
- Concealed fixings.
- Stopcock M1/2" with filter.
- Chrome-plated Bayblend® push-button.
- 10-year warranty.



749BOX + 749239

<b>TEMPOSTOP recessed shower kit in waterproof housing</b>	<b>749BOX + 749239</b>	<b>£212.95 £306.74</b>
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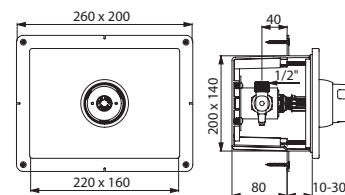
We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)

## TEMPOSTOP

Recessed time flow shower valve



- Tamperproof bright polished stainless steel control plate 160 × 220mm.
- **Waterproof recessing housing.**
- 10 - 30mm allowance for different wall finishes.
- **TEMPOSTOP 3/4" time flow valve** for mixed water supply.
- **Ligature-resistant collar.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar, can be adjusted.
- Solid brass body.
- Concealed fixings.
- Stopcock M1/2" with filter.
- 10-year warranty.



749BOX + 749218

<b>TEMPOSTOP recessed valve in waterproof housing</b>		
With chrome-plated Bayblend® push-button	<b>749BOX + 749218</b>	<b>£212.95 £203.70</b>
With chrome-plated metal push-button	<b>749BOX + 749218CXL</b>	<b>£212.95 £235.06</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** shower heads (see page 141)





- **Water savings**
- **Vandal-resistant:** chrome-plated solid brass, recessed installation

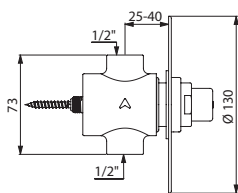
### TEMPOSTOP

Recessed time flow valve



- **TEMPOSTOP F 1/2" time flow valve** for mixed water supply.
- For recessed installation.
- Stainless steel wall plate Ø 130mm.
- Recessing depth between 25 - 40mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Solid brass body and push-button.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



749128

TEMPOSTOP recessed valve with wall plate	749128	£149.47
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)

**Option:** shower heads (see page 141)

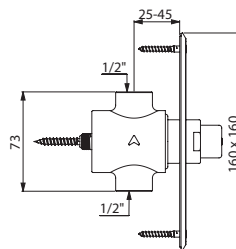
### TEMPOSTOP

Recessed time flow valve



- **TEMPOSTOP F 1/2" time flow valve** for mixed water supply.
- For recessed installation.
- Satin finish stainless steel control plate 160 x 160mm.
- Recessing depth between 25 - 45mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Solid brass body and push-button.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



749628

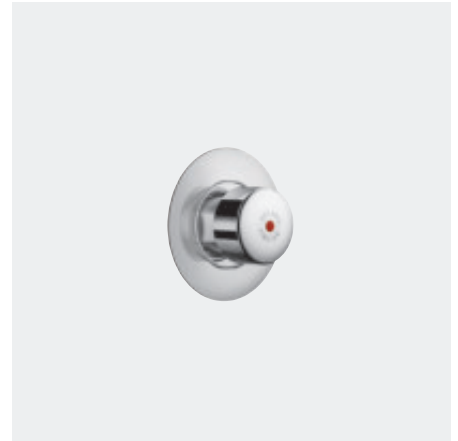
TEMPOSTOP recessed valve with wall plate	749628	£149.47
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)

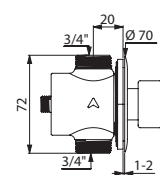
**Options:** shower heads (see page 141) and tamperproof screws (see page 275)

### TEMPOSTOP

Time flow valve for panels



- **TEMPOSTOP M 3/4" time flow valve** for mixed water supply.
- For panel mounting 2mm max.
- Chrome-plated metal wall plate Ø 70mm.
- **Time flow ~30 seconds.**
- **Flow rate 12 lpm** at 3 bar, can be adjusted.
- Solid brass body and push-button.
- Rear locking ring.
- 10-year warranty.



749770

TEMPOSTOP valve for panels	749770	£125.96
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We recommend installing a TMV (see page 151) and a floor trap (see page 139)

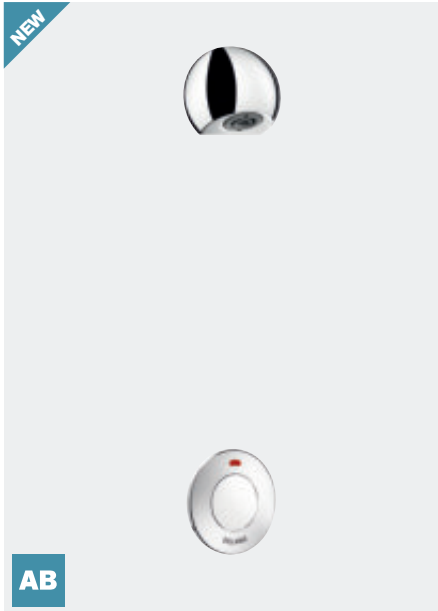
**Option:** shower heads (see page 141)



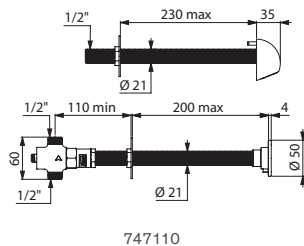
- **Water savings:** 80%
- **Vandal-resistant:** chrome-plated solid brass, cross wall model with anti-blocking (AB) system

**TEMPOSTOP**

Cross wall time flow shower kit



- **TEMPOSTOP M $\frac{1}{2}$ " time flow valve** for mixed water supply.
- For cross wall installation.
- **Time flow ~15 or 30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated metal control.
- Concealed fixings and anti-rotating nut.
- Threaded rods can be cut to size.
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 10-year warranty.

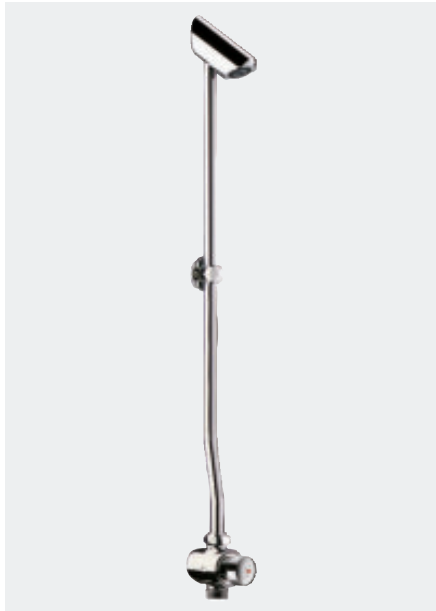


TEMPOSTOP cross wall shower kit		
For walls ≤ 200mm, ~15 seconds	<b>747110</b>	<b>£270.67</b>
For walls ≤ 200mm, AB system, ~30 seconds	<b>749110</b>	<b>£270.67</b>
Back-nut with 3 screws (reinforced clamp behind wall)	<b>826315</b>	<b>£10.26</b>

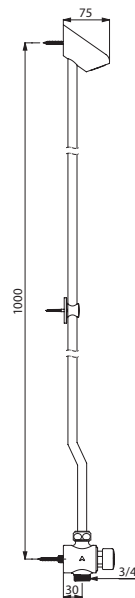
We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)

**TEMPOSTOP**

Exposed time flow shower kit



- **TEMPOSTOP time flow valve** for mixed water supply from beneath.
- For wall-mounted, exposed installation.
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **TONIC JET shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Reinforced shower column Ø 16mm and collar (mounting bracket and screws supplied).
- 10-year warranty.

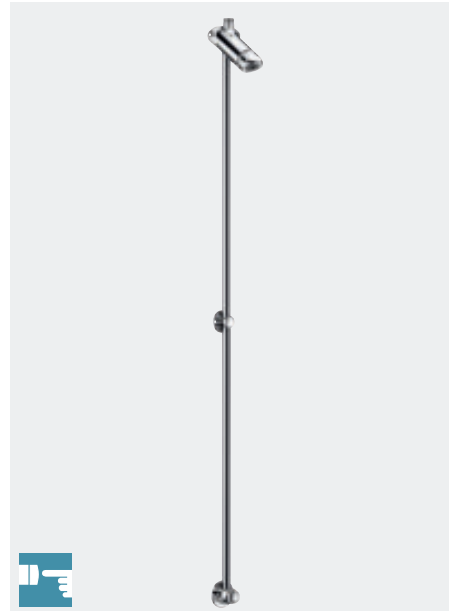


TEMPOSTOP exposed shower kit		
TEMPOSTOP exposed, M $\frac{3}{4}$ "	<b>749001</b>	<b>£290.53</b>
Angled stopcock, adjustable spacing (see page 144)	<b>836020</b>	<b>£47.56</b>

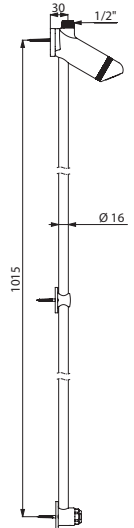
We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)

**SPORTING**

Exposed time flow shower kit



- **SPORTING time flow valve M $\frac{1}{2}$ "** for top inlet supply with mixed water.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **shower head** with automatic flow rate regulation.
- Column Ø 16mm and collar (mounting bracket and screws supplied).
- De-pressurising push-button.
- Chrome-plated solid brass body.
- Integrated filter and non-return valve.
- Suitable for people with reduced mobility.
- 10-year warranty.



SPORTING exposed shower kit		
SPORTING exposed (Reinforced shower column Ø 16mm and collar)	<b>714000</b>	<b>£307.91</b>
Elbow stopcock MF $\frac{1}{2}$ " (see page 144)	<b>825215</b>	<b>£33.39</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)  
**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)



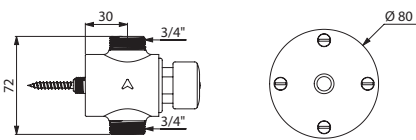
- **Water savings:** 80%
- **Vandal-resistant:** chrome-plated solid brass

### TEMPOSTOP

Exposed time flow valve M<sup>3</sup>/<sub>4</sub>"



- **TEMPOSTOP M<sup>3</sup>/<sub>4</sub>" time flow valve** for in-line mixed water supply.
- For wall-mounted, exposed installation.
- **Time flow ~30 seconds.**
- **Flow rate 12 or 75 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass body and push-button.
- 10-year warranty.



749000

824800

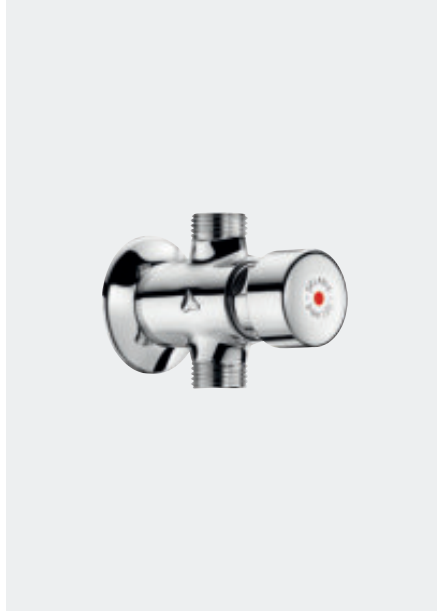
TEMPOSTOP M <sup>3</sup> / <sub>4</sub> " exposed valve		
12 lpm with flow rate adjustment	<b>749700</b>	<b>£119.84</b>
75 lpm without flow rate adjustment. <i>Recommended for low pressure environments</i>	<b>749000</b>	<b>£109.08</b>
Reinforced wall plate Ø 80mm. <i>Recommended for installing on panels or dry walls</i>	<b>824800</b>	<b>£31.60</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

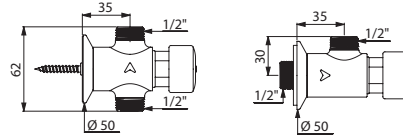
**Option:** shower heads (see page 141)

### TEMPOSTOP

Exposed time flow valve M<sup>1</sup>/<sub>2</sub>"



- **TEMPOSTOP M<sup>1</sup>/<sub>2</sub>" time flow valve** for mixed water supply.
- For wall-mounted, exposed installation.
- **Time flow ~15 or 30 seconds.**
- **Flow rate pre-set at 9 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass body and push-button.
- 10-year warranty.



747000

748000

TEMPOSTOP exposed valve M <sup>1</sup> / <sub>2</sub> "		
Straight for in-line inlets, M <sup>1</sup> / <sub>2</sub> " (~15 seconds)	<b>747000</b>	<b>£71.19</b>
Straight for in-line inlets, M <sup>1</sup> / <sub>2</sub> " Ø 15mm for compression fittings (~30 seconds)	<b>749721</b>	<b>£140.95</b>
Angled for recessed inlets, M <sup>1</sup> / <sub>2</sub> " (~15 seconds)	<b>748000</b>	<b>£81.62</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)

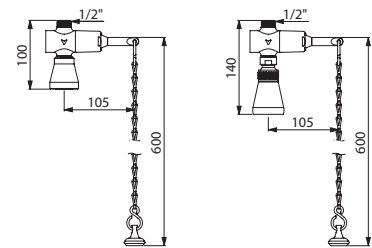
**Option:** shower heads (see page 141)

### TEMPOSTOP

Chain-pull time flow shower kit



- **TEMPOSTOP M<sup>1</sup>/<sub>2</sub>" time flow valve** for mixed water supply from above.
- Ceiling-mounted.
- **Time flow ~15 seconds.**
- **Flow rate 6 or 9 lpm** at 3 bar, can be adjusted.
- Chrome-plated solid brass body.
- Lever and chain fitted with handle.
- With fixed GYM shower head or adjustable GYM COMFORT shower head (see pages 142 and 143).
- 10-year warranty.



747006

747004

Chain-pull TEMPOSTOP shower kit		
With fixed tamperproof GYM shower head 6 lpm	<b>747006</b>	<b>£177.65</b>
With adjustable GYM COMFORT shower head	<b>747004</b>	<b>£182.18</b>

We recommend installing a TMV (see page 151) and a floor trap (see page 139)





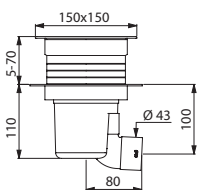
- **Easy to install:** trap suitable for different floor types (soft or hard)
- **Vandal-resistant:** tamperproof stainless steel grid and screw fixings

### Adjustable height floor trap

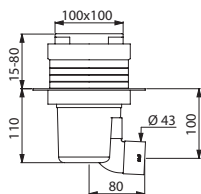
For tiled, concrete and vinyl floors



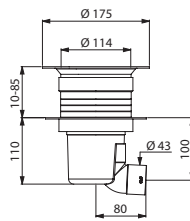
- **Flow rate 36 lpm (meets standards).**
- **Water level 50mm.**
- **Bright polished stainless steel grid.**
- **Horizontal outlet Ø 43mm** integrated into the height of the floor trap (saves height and space in all dimensions).
- Integrated waterproof plate to seal waterproof membrane.
- Withstands high temperatures: 60°C continuous, 85°C peak.
- Plunger with handle: easy to grip and easy to clean.
- Smooth PVC body (prevents build-up of impurities).
- Classified non-flammable (American certification UL94).
- **Height adjusts** with extension.
- Grid fixed by 2 stainless steel screws.
- For hard floors (tiled or concrete) or soft floors (vinyl).
- 10-year warranty.



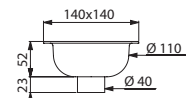
683001UK



682001UK



683002UK



684000

Floor trap for tiled or concrete floors		
150 x 150mm, adjustable height up to 70mm	<b>683001UK</b>	<b>£97.86</b>
100 x 100mm, adjustable height up to 80mm	<b>682001UK</b>	<b>£57.59</b>
Floor trap for soft or vinyl floors		
Ø 114mm, adjustable height up to 85mm	<b>683002UK</b>	<b>£73.71</b>

### Floor trap

For tiled or concrete floors



- **Flow rate 18 lpm.**
- **Water level 18mm.**
- Brass body 140 × 140mm.
- Bright polished stainless steel grid fixed by a stainless steel screw.
- PVC bell.
- **Vertical outlet Ø 40mm** (provide elbow for horizontal outlet).
- For hard floors (tiled or concrete).
- 10-year warranty.

<b>Floor trap 140 x 140mm</b>	<b>684000</b>	<b>£77.18</b>
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## DELABIE / Rain-effect shower heads RAINY



- **Water savings:** 80%
- **Comfort:** rain-effect flow engulfs user, effective and comfortable shower
- **Design:** sleek and timeless design for spas, leisure centres, gyms, hotels, swimming pools etc.

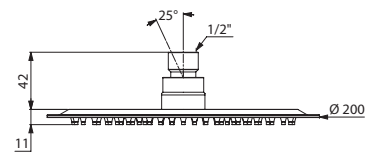


### RAINY

Rain-effect shower head



- Shower head.
- **Flow rate 6 lpm** at 3 bar.
- A higher flow rate can be achieved (remove flow rate regulator).
- Scale-resistant head with nozzles.
- **Soft rain-effect flow engulfs user.**
- Chrome-plated metal.
- Inlet M $\frac{1}{2}$ ".
- Available for wall or ceiling-mounted installation.

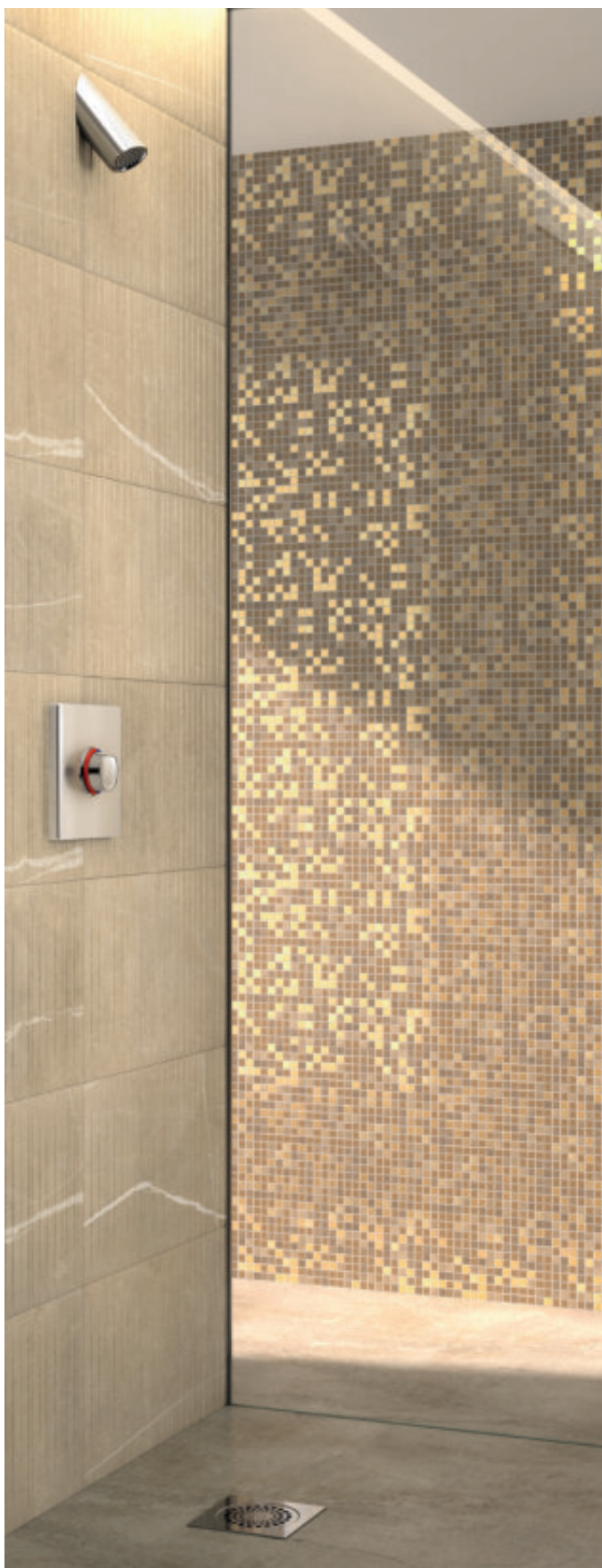


708040

RAINY wide shower head		
Shower head	<b>708040</b>	<b>£117.11</b>
Horizontal shower arm 1/2"	<b>710040</b>	<b>£32.54</b>
Vertical shower arm 1/2"	<b>710050</b>	<b>£26.01</b>

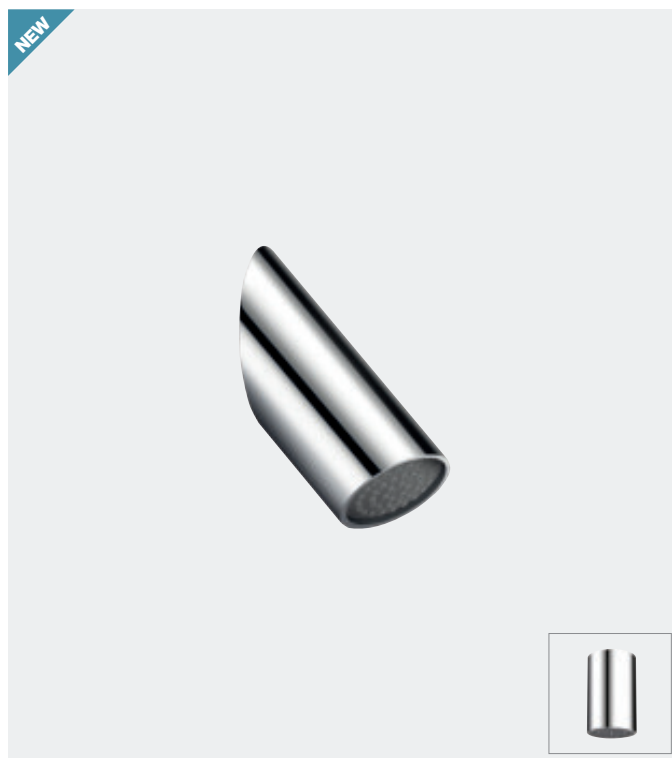


- **Water savings:** 80%
- **Comfort:** rain-effect flow engulfs user, effective and comfortable shower
- **Easy to install:** the shower head clips onto the connection installed in the wall
- **Design:** sleek and timeless design for spas, leisure centres, gyms, hotels, swimming pools etc.

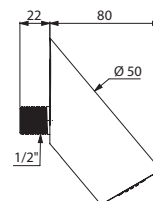


### RAINY

Rain-effect shower head



- Fixed shower head.
- **Flow rate 6 lpm** at 3 bar.
- A higher flow rate can be achieved (remove flow rate regulator).
- Scale-resistant head with nozzles, ligature-resistant.
- **Soft rain-effect flow engulfs user.**
- Chrome-plated metal.
- **Easy installation system:** install the connection in the wall and then clip the shower head to it.
- Inlet M $\frac{1}{2}$ ".
- Recessed version is available, for panels, ceiling-mounted or cross wall (cut-to-size threaded rod).



708000

RAINY shower head		
For recessed water inlet	<b>708000</b>	<b>£91.08</b>
For panels ≤ 15mm	<b>708010</b>	<b>£91.08</b>
Wall-hung	<b>708030</b>	<b>£91.08</b>
For partitions ≤ 230mm	<b>708200</b>	<b>£110.62</b>

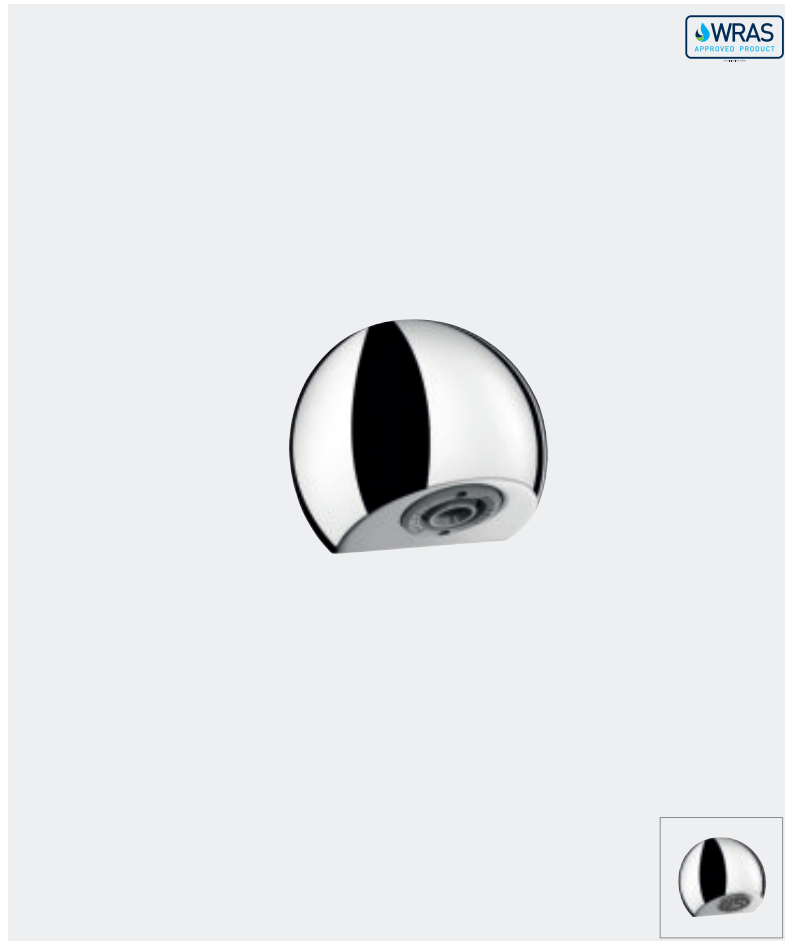
## DELABIE / Scale-resistant shower heads



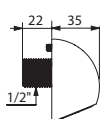
- **Water savings:** 80%
- **Easy to service:** scale-resistant nozzle, no water or impurities retention, shower head drains after use
- **Comfort:** adjustable conical jet, efficient and comfortable coverage
- **Vandal-resistant:** tamperproof, chrome-plated solid brass, recessed or cross wall versions, ligature-resistant nozzle

### ROUND

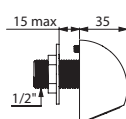
Scale-resistant shower head



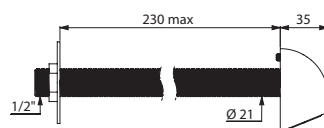
- Fixed shower head.
- **Flow rate 6 lpm** at 3 bar.
- **Automatic flow rate regulation.**
- **Scale-resistant and ligature-resistant** nozzle with adjustable spray.
- Chrome-plated solid brass.
- Fixed with concealed blocking screw.
- Systematically drains after use (no water or impurity retention).
- Inlet M $\frac{1}{2}$ ".
- Available for recessed, panels, columns or cross wall versions (threaded rods can be cut to size).
- 10-year warranty.



709000



709010



709200

ROUND shower head		
For recessed inlets	<b>709000</b>	<b>£115.02</b>
For panels $\leq$ 15mm	<b>709010</b>	<b>£115.71</b>
For walls $\leq$ 230mm	<b>709200</b>	<b>£143.65</b>

**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)  
Other cross wall lengths are available on request

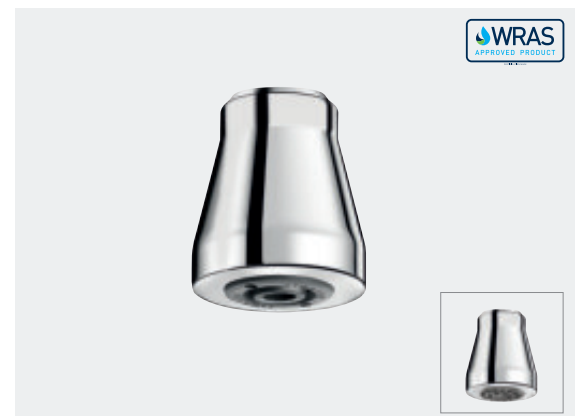
### TONIC JET

Scale-resistant shower head

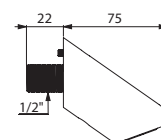


### GYM

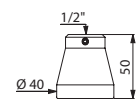
Scale-resistant shower head



- Ceiling-mounted shower head. Inlet F $\frac{1}{2}$ ".



712000



716000

TONIC JET shower head		
For recessed inlets	<b>712000</b>	<b>£115.02</b>
For panels $\leq$ 10mm	<b>712010</b>	<b>£115.63</b>
For column set F $\frac{3}{4}$ " and collar (mounting bracket and screws supplied)	<b>712020</b>	<b>£198.55</b>
GYM shower head		
	<b>716000</b>	<b>£60.56</b>

**Option:** rain-effect nozzle, add "DP" after the reference (see page 144)  
Other cross wall lengths are available on request





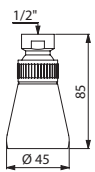
- **Comfort:** rain-effect
- **Vandal-resistant:** brass, streamlined design, concealed fixings

### GYM COMFORT

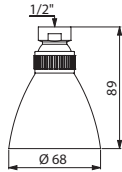
Shower head



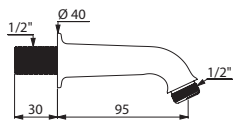
- Adjustable shower head.
- Scale-resistant.
- 30 lpm at 3 bar without flow rate limiter.
- 10-year warranty.



711000



711002



710000



927005.5P

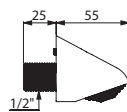
GYM COMFORT shower head		
F 1/2", Ø 45mm	<b>711000</b>	<b>£61.45</b>
EXTRA F 1/2", Ø 68mm	<b>711002</b>	<b>£79.66</b>
Chrome-plated brass shower arm, MM 1/2"		
L. 95mm	<b>710000</b>	<b>£47.00</b>
Flow rate limiters, FM 1/2"		
5 - 6 lpm (5 per pack)	<b>927005.5P</b>	<b>£70.34</b>
10 lpm (5 per pack)	<b>927015.5P</b>	<b>£70.34</b>

### Wall-mounted with grid

Shower head



- Compact, fixed and tamperproof shower head.
- 5 ring spray plate.
- Fixed via concealed grub screw.
- 40 lpm at 3 bar without flow rate limiter.
- For recessed water supply.
- 10-year warranty.



64000

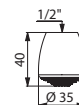
<b>Wall-mounted shower head</b>	<b>64000</b>	<b>£88.61</b>
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### Ceiling-mounted

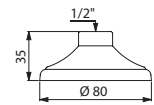
Shower head



- Ceiling-mounted and tamperproof shower head.
- 10-year warranty.



88CH5

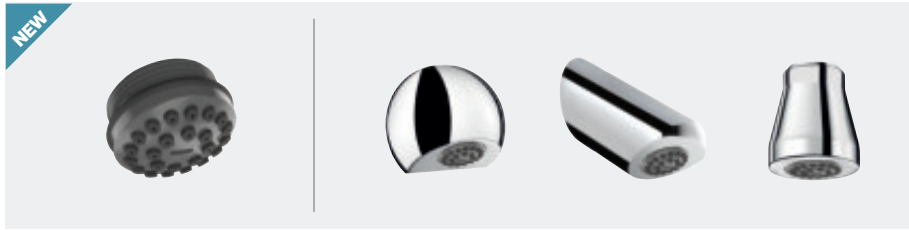


715000

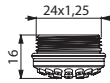
Ceiling-mounted shower head		
With 5 rings, chrome-plated brass	<b>88CH5</b>	<b>£37.84</b>
Chrome-plated, large rim Ø 80mm	<b>715000</b>	<b>£23.42</b>

**Comfort nozzle**

Rain-effect



- Rain-effect comfort nozzle.
- Can replace nozzles from ROUND, TONIC JET and GYM shower heads.
- Add "DP" after the reference.
- 10-year warranty.



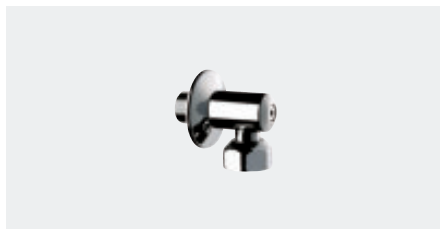
DP



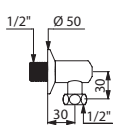
Rain-effect comfort nozzle	DP	£19.23
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**Elbow union**

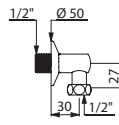
With or without stopcock



- With or without integrated stopcock.
- With retractable nut.
- Chrome-plated brass.
- 10-year warranty.



836015

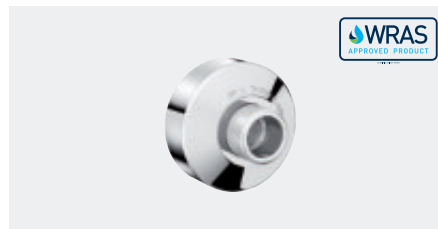


838015

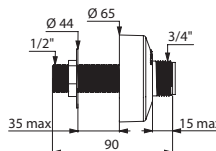
Elbow STOP union with stopcock		
MF 1/2", L. 30mm, H. 30mm	<b>836015</b>	<b>£47.00</b>
M 1/2" - F 3/4", L. 30mm, H. 30mm ±2mm	<b>836020</b>	<b>£47.56</b>
MF 1/2", L. 20mm, H. 30mm	<b>836215</b>	<b>£47.00</b>
Elbow union without stopcock L. 30mm		
MF 1/2", H. 27mm	<b>838015</b>	<b>£32.87</b>
M 1/2" - F 3/4", H. 29mm	<b>838020</b>	<b>£34.58</b>
FF 3/4", H. 20mm with rivet nuts (2 per pack)	<b>874220.2P</b>	<b>£65.48</b>

**In-line connector**

With STOP/CHECK



- Chrome-plated brass connector.
- M 1/2" - M 3/4".
- Escutcheon Ø 65mm.
- In-line for cross wall installation.
- STOP function: integrated stopcock.
- CHECK function: checks if non-return valves are watertight where fitted to mixers (DELABIE patented).
- Supplied in packs of 2.
- 10-year warranty.



855755UK.2P

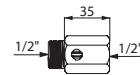
Wall connector with STOP/CHECK	855755UK.2P	£84.34
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**In-line STOP union**

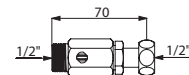
With stopcock



- Integrated stopcock.
- Nickel-plated brass.
- MF 1/2".
- 10-year warranty.



825015



825215

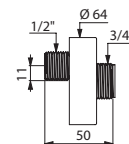
In-line STOP union		
Without nut	<b>825015</b>	<b>£14.54</b>
With retractable nut	<b>825215</b>	<b>£33.39</b>

**Offset connector**

Standard



- Offset standard connector 11mm.
- M 1/2" - M 3/4".
- Escutcheon Ø 64mm.
- L. 50mm.
- Chrome-plated brass.
- Supplied in packs of 2.
- 10-year warranty.



856794.2P

Offset standard connectors	856794.2P	£31.77
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### Soap dish

Wall-mounted



- Concealed fixings.
- Support fixed to wall by 4 screws.
- Chrome-plated Bayblend®.
- Matte or bright finish.
- 10-year warranty.

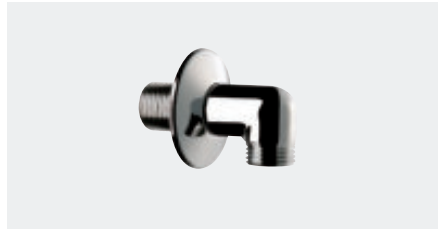


710500

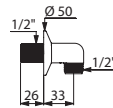
Wall-mounted soap dish		
Matte finish	<b>710500</b>	<b>£42.51</b>
Bright finish	<b>710501</b>	<b>£42.51</b>

### Wall-mounted elbow outlet

For flexible shower hoses



- Wall-mounted elbow outlet for flexible shower hoses.
- Solid brass.
- MM½".
- 10-year warranty.



868121

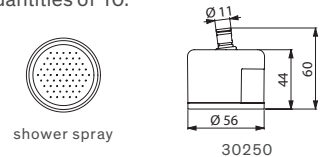
Wall-mounted elbow outlet	<b>868121</b>	<b>£42.95</b>
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### BIOFIL wall shower filter

Anti-legionella and all-germ



- Single use wall shower filter with 0.1µm nominal absolute sterilising grade.
- Hydrophilic polyethylene hollow fibres.
- Length of maximum use: 2 months.
- Filtration area: 1,400cm<sup>2</sup>.
- Filtration flow rate: 5.5 lpm at 3 bar.
- Maximum upstream pressure at point-of-use: 5 bar.
- Medical device CE Class I.
- Packaged individually. Must be ordered in quantities of 10.



1 wall shower filter		
Non-sterile	<b>30250</b>	<b>£74.85</b>
Push-fit M24/125	<b>820125</b>	<b>£40.59</b>
Push-fit M24x125 vandal-resistant	<b>821125</b>	<b>£47.37</b>

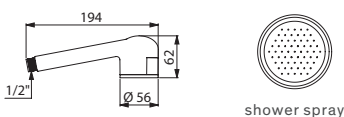
For more information (see page 149)

### BIOFIL shower filter

Anti-legionella and all-germ



- Single use shower filter with 0.1µm nominal absolute sterilising grade.
- Hydrophilic polyethylene hollow fibres.
- Length of maximum use: 2 months.
- Filtration area: 1,400cm<sup>2</sup>.
- Filtration flow rate: 12.4 lpm at 3 bar.
- Maximum upstream pressure at point-of-use: 5 bar.
- Medical device CE Class I.
- Packaged individually. Must be ordered in quantities of 10.



30261

1 BIOFIL shower filter		
Non-sterile	<b>30261</b>	<b>£81.88</b>

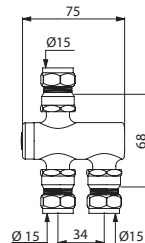
For more information (see page 149)

### PREMIX NANO

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 34 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding failsafe.
- Filters and non-return valves.
- Thermal shocks are possible.
- Supplies one shower.
- 10-year warranty.



732116

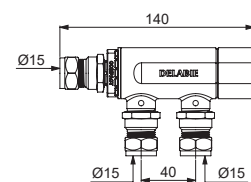
PREMIX NANO		
Nickel, M½" Ø 15mm	<b>732115</b>	<b>£87.66</b>
Nickel, F½" Ø 15mm	<b>732115MEC</b>	<b>£110.24</b>
Polished, M½" Ø 15mm	<b>732116</b>	<b>£103.17</b>

### PREMIX COMPACT

Thermostatic mixing valve



- Thermostatic mixing valve for MW distribution.
- Temperature can be adjusted from 30 - 60°C.
- To be placed upstream of the shower.
- Anti-scalding safety.
- Filters and non-return valves.
- Thermal shocks are possible.
- 10-year warranty.



733115

PREMIX COMPACT		
M½" Ø 15mm - 1-3 showers	<b>733115</b>	<b>£122.01</b>
M¾" Ø 15mm - 1-5 showers	<b>733116</b>	<b>£165.17</b>



DELABIE

3+

Net. 10000

Modelo de ducha  
Código de barras  
www.delabie.com

Date of installation / Date of purchase  
...../...../.....

Date of installation / Date of purchase  
...../...../.....

CE



SERVO 02180000000000000000  
LOT 0207120110004

## CONTROLLING WATERBORNE HEALTH RISKS

Water, essential for hygiene, can also be a source of infection if its quality is not controlled. The proliferation of bacteria (Legionella, Pseudomonas aeruginosa, etc.) in the water supply or in mixers and taps may cause serious infections, especially for vulnerable people.

**Water systems in all buildings open to the public should be monitored for Legionella** i.e. swimming pools, leisure centres, hotels and holiday accommodation, campsites, medical social care and social care establishments, spaces for disabled people, prisons, etc.

This applies in all circumstances where the Health and Safety at Work Act 1974 - which imposes the monitoring of the bacteriological quality of water in sanitary installations - applies.

The prevention of health risks associated with pathogenic bacteria in water systems should be a constant concern for public buildings.

**The BIOFIL range of terminal filters is a preventative or curative solution to secure the water quality at the point-of-use and protect the health of the user.**

## AREAS OF USE

### Anti-Legionella and all-germ filters

Non-sterile BIOFIL filters are **CE marked class I Medical Devices**. They offer facilities that welcome the public **to protect their users against the risk of Legionella and instant compliance with regulations**. They are suitable for all types of buildings that welcome the public for the following usage: body hygiene, hand-washing and balneotherapy.

BIOFIL filters can be installed on the compromised point-of-use (basin or shower). They filter water directly at the point-of-use ensuring the water is free of bacteria.

## THE INSTANT BIOFIL SOLUTION

Mixer or tap can be used immediately after installation of the filter.

## BIOFIL FILTERS PERFORMANCE

### Hollow fibre filter

Each BIOFIL filter incorporates a hollow fibre membrane with a water filtration threshold of 0.1 micron absolute-rated. They **deliver water free from microorganisms** (bacteria, protozoa, fungi, particles in water systems...) without changing its chemical composition. **They provide total protection against waterborne infection.**

### Larger filtration area than flat membrane

The filtration area is substantially larger in BIOFIL filters with hollow fibre membranes than it is in flat membranes. This large filtration area allows a **larger volume of water to be filtered**. Consequently the storage capacity for bacteria and impurities trapped inside the filter is much greater.

### Reduced risk of premature clogging

Articles in suspension stay on the surface of the hollow fibre membrane which delays clogging. The large capacity of the storage area means that the membrane's lifespan is longer.

### Extremely compact filters

Unlike other terminal filters on the market, BIOFIL filters are smaller due to the compact nature of the fibre. They are suitable for most water controls on the market.

## TOTAL CONTROL OF MANUFACTURING PROCESS

### 100% quality controlled

The fibre quality and porosity of the finished product are continuously monitored during the manufacturing process for 100% of the fibres.

## COMPONENT DISPOSAL STRATEGY

BIOFIL filters are classified as household waste. The outer packaging is made from recycled cardboard which is also fully recyclable.



Bacteriologically controlled water



Section of the BIOFIL tap filter



Tilted to optimise the position of the tap filter



CE marked class I Medical Devices for non-sterile filters



ROUND shower head fitted with BIOFIL cartridge

## QUICK AND EASY TO INSTALL

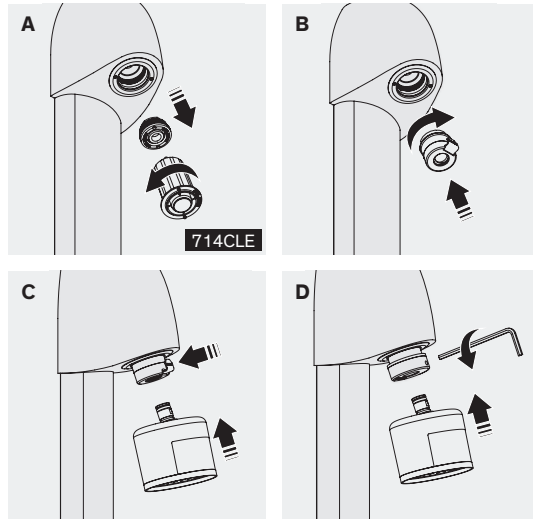
BIOFIL cartridges and shower heads are simple to connect to the outlet requiring treatment without the need for tools. The water supply does not need to be shut off. Push-fit connectors allow filters to be fitted to all water control outlets and shower hoses. A screw-in version, which can be installed on the flexible hose in a matter of seconds, without a connector, is also available.



BIOFIL shower filter

To install a cartridge on a SPORTING shower panel or on a DELABIE shower head: replace the nozzle **A** with the connector **B**:

- Standard connector version see **C**.
- Vandal-resistant connector version see **D**.



Maximum lifespan

## RESISTANT TO WATER SYSTEM TREATMENTS

BIOFIL filters will withstand thermal and chemical shocks.

During chemical or thermal shocks, impurities are trapped in the filter and reduce its lifespan. DELABIE therefore recommends changing the filter after any treatment.

### Resistance to thermal shocks:

Temperatures of 70°C for a cumulative period of 30 minutes during its lifetime.

### Resistance to chemical shocks:

Chlorine levels for 2-month filters: 2 hours at 100ppm; 3-month filters: 3 hours at 100ppm; 4 hours at 100ppm.

## LIFESPAN

BIOFIL anti-Legionella and all-germ filters can be used for up to 4 months after initial installation (depending on the model installed).

**After the time period marked on the filter (2, 3 or 4 months), DELABIE recommends changing the filter to avoid any risk of retro-contamination from the bacteria concentrated in the filter especially in at-risk areas.**

**Note:** The amount of impurities in the water will vary between water systems. Filters will therefore become clogged at different rates.

If the filter becomes clogged prematurely, it is necessary to change it. We recommend pre-filtration upstream at different levels in the system to filter out sand and scale, etc.

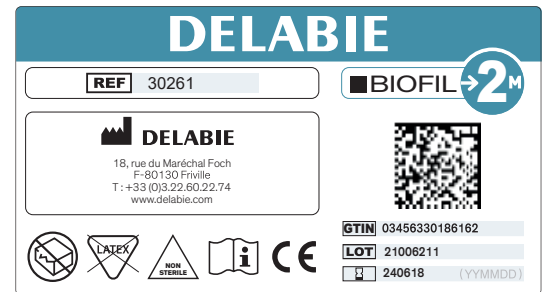
Bacterial proliferation is significantly reduced in an installation where the water is pre-filtered, and the lifespan of all equipment is greatly increased.

## OPTIMISED TRACEABILITY

To control the health risks associated with water, the whole process from the manufacture of the medical device components to the use of the finished product must be completely traceable.

### Individual packet label

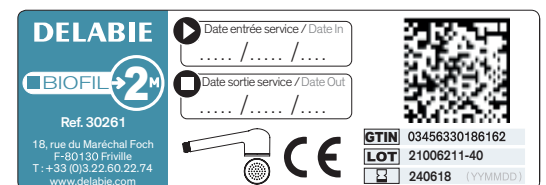
All BIOFIL filters have a unique batch number which can be easily traced back through the production process.



### Double labelling on the filter

Filters are supplied with 2 waterproof labels which identify the product and ensure traceability when the filter is changed.

One is positioned on the product itself, the other can be removed and transferred to the record log, ensuring traceability.



For more information on the BIOFIL terminal filters range, see the catalogue "Water Controls for Healthcare Facilities and Retirement Homes" (Doc 900UK).



- **BIOSAFE:** immediate protection against waterborne nosocomial infections (Legionella, pseudomonas aeruginosa, etc.)
- **Quick and easy to install:** connect without tools or shutting off the water supply, filters suitable for all types of water controls
- **Filtration area:** larger than flat membrane
- **Space-saving:** suitable for taps with low drop heights

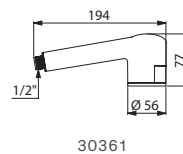
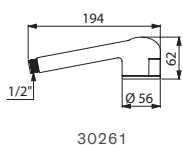
### BIOFIL shower filter

Anti-legionella and all-germ



- Single use shower filter with **0.1µm nominal** absolute sterilising grade.
- **Quick to install: screws on to all standard shower hoses.**
- Hydrophilic polyethylene hollow fibres.
- Maximum lifespan: **2, 3 or 4 months.**
- Filtration area: 1,400cm<sup>2</sup> for 2-month versions; 2,200cm<sup>2</sup> for 3-month versions; and 3,200cm<sup>2</sup> for 4-month versions.
- Filtration flow rate: 12.4 - 13.2 lpm\* at 3 bar depending on the model (filter only, excludes any flow rate restrictor/regulator in the shower).
- Maximum upstream pressure: 5 bar.
- Compatible with and resistant to chemical and thermal shocks.
- **Non-sterile filter**, individually wrapped.
- **CE marked class I Medical Device.**
- **Very light hand spray:**
  - 2-month version: empty filter: 105g; filter filled with water: 186g.
  - 3 & 4-month versions: empty filter: 133g; filled with water 253g.

\*Average flow rate during the product lifespan.



1 BIOFIL shower filter		
2-month lifespan	<b>30261</b>	<b>£81.88</b>
3-month lifespan	<b>30361</b>	<b>£98.13</b>
4-month lifespan	<b>30461</b>	<b>£108.26</b>

\*Reference applies to a single unit. Can only be ordered in multiples of 10 (packaged in boxes of 10).

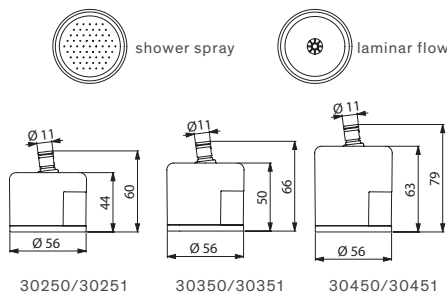
### BIOFIL wall shower filter

Anti-legionella and all-germ



- Single use shower filter with **0.1µm nominal** absolute sterilising grade.
- Hydrophilic polyethylene hollow fibres.
- Maximum lifespan: **2, 3 or 4 months.**
- **Space-saving**, suitable for taps with low drop heights.
- Filtration area: 1,400cm<sup>2</sup> for 2-month versions; 2,200cm<sup>2</sup> for 3-month versions; and 3,200cm<sup>2</sup> for 4-month versions.
- Filtration flow rate: 5.5 lpm\* at 3 bar for 2-month versions; 7.6 lpm\* at 3 bar for 3 and 4-month versions (filter only, excludes any flow rate restrictor).
- Maximum upstream pressure at point-of-use: 5 bar.
- Careful management of retro-contamination: **protective skirt** and filter position is optimised thanks to a **tilted connector.**
- Compatible with and resistant to chemical and thermal shocks.
- **Non-sterile**, individually wrapped.
- **CE marked class I Medical Device.**

\*Average flow rate during the product lifespan.



1 BIOFIL tap or wall shower filter		
2-month, shower spray	<b>30250</b>	<b>£74.85</b>
2-month, laminar flow	<b>30251</b>	<b>£74.85</b>
3-month, shower spray	<b>30350</b>	<b>£96.77</b>
3-month, laminar flow	<b>30351</b>	<b>£96.77</b>
4-month, shower spray	<b>30450</b>	<b>£106.91</b>
4-month, laminar flow	<b>30451</b>	<b>£106.91</b>

\*Reference applies to a single unit. Can only be ordered in multiples of 10 (packaged in boxes of 10).

### Additional fittings

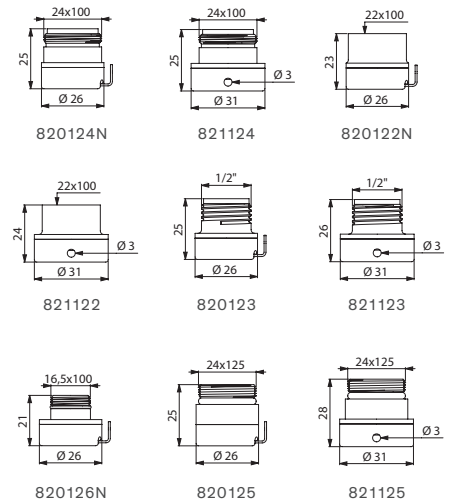


#### Push-fit connector

- Simple to connect to the point-of-use requiring treatment, no tools required.
- Standard or vandal-resistant versions available.



**Vandal-resistant version:**  
Tamperproof connector prevents vandalism and unauthorised removal of filter.



Push-fit connector for tap filter		
M24/100	<b>820124N</b>	<b>£40.59</b>
M24/100, vandal-resistant	<b>821124</b>	<b>£47.37</b>
F22/100	<b>820122N</b>	<b>£40.59</b>
F22/100, vandal-resistant	<b>821122</b>	<b>£47.37</b>
M1/2"	<b>820123</b>	<b>£40.59</b>
M1/2", vandal-resistant	<b>821123</b>	<b>£47.37</b>
M16.5x100	<b>820126N</b>	<b>£40.59</b>

Push-fit connector for wall shower filters		
M24x125	<b>820125</b>	<b>£40.59</b>
M24x125, vandal-resistant version	<b>821125</b>	<b>£47.37</b>

These connectors are suitable for use with the new range of filters shown opposite. Contact us if you need connectors for the previous model range.





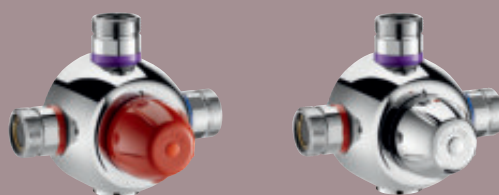
# Thermostatic mixing valves

SOLUTIONS  
FOR THERMOSTATIC  
MIXING VALVES

**152**

GROUP  
THERMOSTATIC  
MIXING VALVES

**158**



THERMOSTATIC  
MIXING VALVES

**162**





Hygiene and controlling bacterial proliferation



Chemical shocks are ineffective over the long term



Thermal shocks are ineffective over the long term

## ABOUT LEGIONNAIRES' DISEASE

### What is Legionnaires' disease?

It is a serious **respiratory infection** caused by a bacterium: Legionella. The illness which follows, Legionnaires' disease, is fatal in 15-20% of cases.

Legionella is a **system bacterium which develops in warm water in pipework or cisterns**. It only becomes dangerous when inhaled when it may spread into the lungs and rapidly develop in white blood cells.

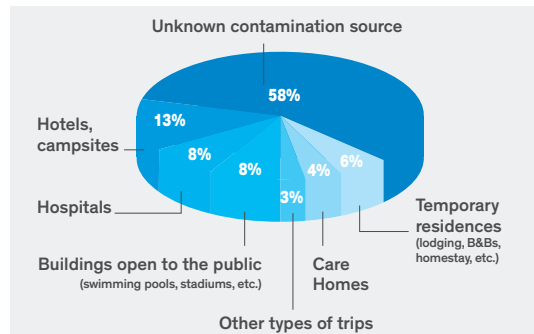
Legionnaires' disease is more likely to affect adults, especially older smokers and people with respiratory problems or weak immune systems.

Legionnaires' disease is treated with antibiotics. The World Health Organization (WHO) states that the alert level for Legionella starts at 1,000 Colony Forming Units (CFU) per litre of water (250 for hospitals). The UK alert level is 100 CFU/L.

### Which installations are at risk?

Legionellae develop in **stagnant water** between 25-45°C, with an optimum temperature between 30-37°C. Humid areas with scale, mud or which have been affected by corrosion are more prone to Legionella development.

Environments at risk include hot water systems, cooling towers, health resorts, water fountains, shower rooms, spas, etc.



Source: French Institute for Public Health Surveillance, 2015, based on 1,389 declared cases

### Development of Legionella per temperature

Temperature	Development of Legionella
< 20°C	Dormant
25-45°C	Multiplies
50°C	90% die within 2 hours
60°C	90% die within 2 minutes

Source: CSTC Belgium November 2002

### Current curative treatments are ineffective

- Chemical shocks: a chlorine injection 50 mg/L for 1 hour (HSE guidance); ≥ 10 mg/L for 8 hours (WHO).
- Thermal shocks: circulating hot water at 60°C for 60 minutes (in Europe: 70°C for 30 minutes).

### • A short term effect:

The system can be very quickly recolonised within **3-4 weeks**. The inside of the pipework is covered by a biofilm: a sort of gel which bacteria stick to, feed on and proliferate in. The biofilm protects them and enables them to withstand temperature variations (thermal shocks) and biocide products (chemical shocks).

During curative treatments, the risk is not only that the bacteria will get used to the treatment and thus develop their resistance to it, but above all will provoke detachment of bacteria aggregates which will be deposited closer to the water outlet and thus, to the user.

### • Negative effect in distribution networks and drainage systems

They are not necessarily designed to withstand temperatures above 60°C or significant quantities of chlorine. They can cause **corrosion or premature ageing of the distribution and drainage system**.

### • High risk for the user

- During the treatment, the user is exposed to high risks:
- **3<sup>rd</sup> degree burns** in the case of a thermal shock.
  - **Poisoning** in the case of chemical shock treatment.

### • Costly and difficult operation to undertake

Curative treatments are difficult to undertake fully at all points in the system (various deposits, dead-legs, heat loss, etc.). They require the water **supply to be out-of-service** and the mobilisation of **maintenance staff**.

To avoid these treatments it is important to act on four levels:

- **Avoid dead-legs and water stagnation.**
- Regularly **maintain** the system to prevent corrosion or scaling.
- **Produce and store hot water at a high temperature** that will prohibit bacterial proliferation.
- **Maintain the temperature** in the system with a circulating loop and mix the water as close as possible to the point-of-use.

The only **preventive treatments** that are effective in the long term are the ones recommended by the **UK Health and Safety Executive (HSE) technical guidance "HSG274 Part 2" in 2014**.

## REGULATIONS

HSE guidance recommends the monitoring of Legionella levels where there is a high risk of contamination.

The guidance recognises that the traditional method of controlling the risk of Legionella development is to produce and distribute higher water temperatures. Yet, this significantly increases the risk of scalding at the point-of-use.

(Source: Centre for Burns, St Joseph and St Luc Hospital, Lyon, France).

- At 50°C: burns in 7 seconds and 3<sup>rd</sup> degree burns in 100 seconds.
- At 60°C: 3<sup>rd</sup> degree burns in 3 seconds on average (5 seconds for an adult, 1-2 seconds for a child).

HSG274 Part 2 recommends the installation of thermostatic mixing valves where there is a high risk of scalding to users e.g. very young, very elderly, infirm, mentally disabled and physically disabled.

- Hot water should be distributed so that it reaches a temperature of 50°C (55°C in healthcare premises) within one minute at the outlets.
- Thermostatic mixing valves should be installed as close as possible to the point-of-use.

### HSG 274 Part 2, 2014

HSE guidance for the control of Legionella bacteria in hot and cold water systems states that monitoring for Legionella should be carried out:

- when water is treated with biocides or when distribution temperatures are reduced from HSE guidelines.
- where water treatment regime control levels are not being consistently achieved.
- where there is a high-risk of contamination e.g. hospitals and care homes.
- where an outbreak of legionellosis has been identified.

A risk assessment is required to identify:

Monitoring frequency of installations for all points-of-use considered at-risk:

- **Sentinel points for temperature measurement and bacteriological testing:**
  - Once a week in healthcare facilities.
  - Once a month for all other facilities receiving public.

### Bacterial analysis: once a year

DELABIE recommends two water assessments: one on the first draw-off, to detect Pseudomonas aeruginosa and one on the second to detect Legionella.

If the hot water systems haven't been used for several weeks, samples for Legionella assessment have to be taken just after the purge of the system and within two weeks before receiving the public.

### Legionella monitoring levels

Alert level	< 100 CFU/L
Remedial action level	> 100 up to 1,000 CFU/L
Curative action level	> 1,000 CFU/L

CFU/L: Colony Forming Units per litre

### The control of Legionella bacteria in hot and cold water systems

Guidance on compliance with the relevant parts of the Management of Health and Safety at Work Regulations 1999 in public premises.

(Source: UK Health and Safety Executive, HSG 274 Part 2, 2014).

It recommends:

- Minimum temperatures to limit the risk of development of Legionella.
  - Maximum temperatures to limit the risk of scalding.
  - At the calorifier outlet the hot water temperature must constantly be above 60°C.
  - In storage equipment, water must be maintained at a minimum temperature of 60°C.
  - At every point in the distribution system, hot water must be delivered to the outlet at 50°C (55°C in healthcare facilities) within one minute of turning on the tap.
- The HSE advises that long pipe runs between TMVs and outlets should be avoided and should not exceed 2 metres in length.

The maximum temperature of sanitary hot water at the point-of-use is set at:

- 44°C for bath fill (46°C if assisted)
- 41°C for showers
- 41°C for washbasins,

with special dispensation for catering applications. (Source: Health and Safety Executive information sheet 09/12; TMVA Code of Practice, 2000).



PREMIX SECURITY

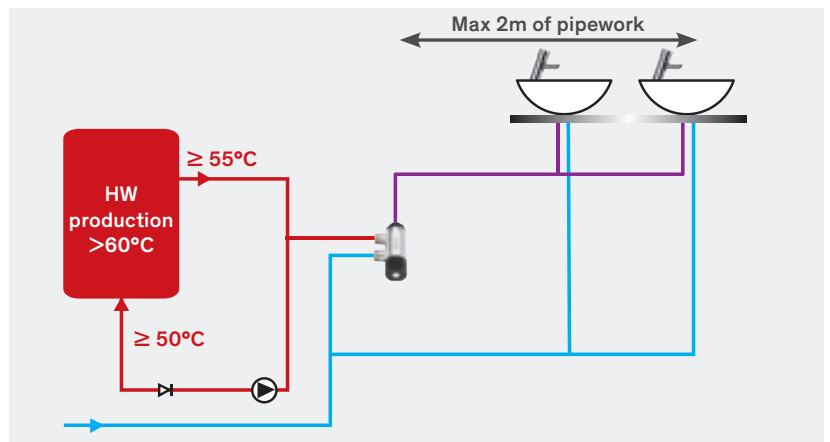


PREMIX COMFORT



PREMIX COMPACT

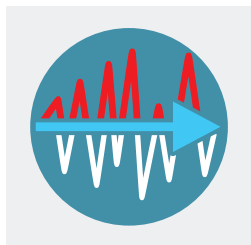
THERMOSTATIC MIXING VALVES



Pipes between centralised thermostatic mixing valves and the points-of-use should not be longer than 2 metres.

### Capacity and length of pipework

Material	Pipe dimension	Pipe length for a capacity of	
		3 litres	1 litre
Copper	15 × 1	22m	7m
	18 × 1	15m	5m
	22 × 1	9m	3m
Galvanised steel	DN 15	15m	5m
	DN 20	8m	2m
PEX/PER plastic	15 × 2.5	38m	12m
	18 × 2.5	22m	7m
PR plastic	20 × 1.9	14m	4m
	25 × 1.9	8m	2m



Temperature stability

## GENERAL CHARACTERISTICS

Designed for public and commercial applications, PREMIX thermostatic mixing valves deliver a highly stable blend of mixed water at the desired temperature.

They enable simultaneous supply to one or more sanitary points-of-use (depending on the model chosen) for showers, basins, etc.

**Fast to react**, they constantly regulate the hot water temperature in the system.

**Innovative**, they benefit from PREMIX technology (automotive thermo-reactive cell) which has indisputable performance advantages over existing technologies (bi-metal, dual controls, etc.).

### Comfort

PREMIX thermostatic mixing valves ensure a constant temperature regardless of variations in pressure or flow rate in the system: they respond immediately to any changes.

**PREMIX anticipates all variations in temperature and corrects them for the user.**

### Anti-scalding safety

PREMIX thermostatic mixing valves include an automatic safety feature ensuring that the hot water supply shuts off if the cold water supply fails. They also provide temperature limitation thanks to an adjustable index ring.

**PREMIX thus eliminates any risk of scalding.**

### Preventive and permanent solutions against Legionnaires' disease

The Health and Safety Executive's guidance HSG 274 Part 2 (2014) recommends maintaining the hot water temperature permanently above 50°C at all points in the system in order to prevent any risk of Legionella bacteria proliferation.

Water must be mixed as close as possible to points-of-use.

**PREMIX contributes to preventing any risk of bacterial proliferation.**

## TECHNICAL ADVANTAGES

### Reliability

The **automotive thermostatic cell** of the PREMIX is located in the heart of the mixing chamber, which enables it to **have superior sensitivity to any variations in pressure or flow rate in the system**. It optimises the regulation of both hot and cold water supplies.

### Precise temperature control

PREMIX valves are supplied pre-calibrated and are **precise to the exact degree recommended for the flow range**. The chosen temperature can be locked by the installer.

### Minimal pressure loss

The PREMIX mechanism (without hydraulic relays) enables direct circulation of water between inlets and outlets. This **reduces the pressure loss** and optimises flow rate capacity of the system (ensuring excellent performance at low, medium or high pressures).

### Minimal servicing

The internal working is designed to be as simple as possible with few moving parts. The PREMIX is manufactured with **scale and corrosion resistant mechanisms**.

It is recommended that preventive checks be carried out on the calibration and anti-scalding safety at least twice a year.

### Quick and low cost maintenance

**Cartridges** are simple and **can be changed from the front without having to remove the whole mixing valve**. Filters and non-return valves are accessible from the exterior without having to remove the mechanism.

### Comprehensive range

DELABIE offers a full range of products, from group thermostatic mixing valves (COMFORT, SECURITY, ECONOMIX models), to smaller sizes designed for fewer points-of-use (COMPACT and NANO models). **There are thus PREMIX solutions for all types of layouts.**

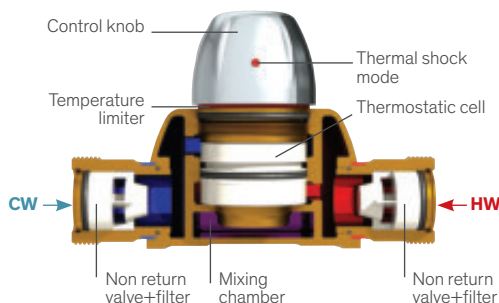
**10-year warranty** against any manufacturing defects.



Anti-scalding safety



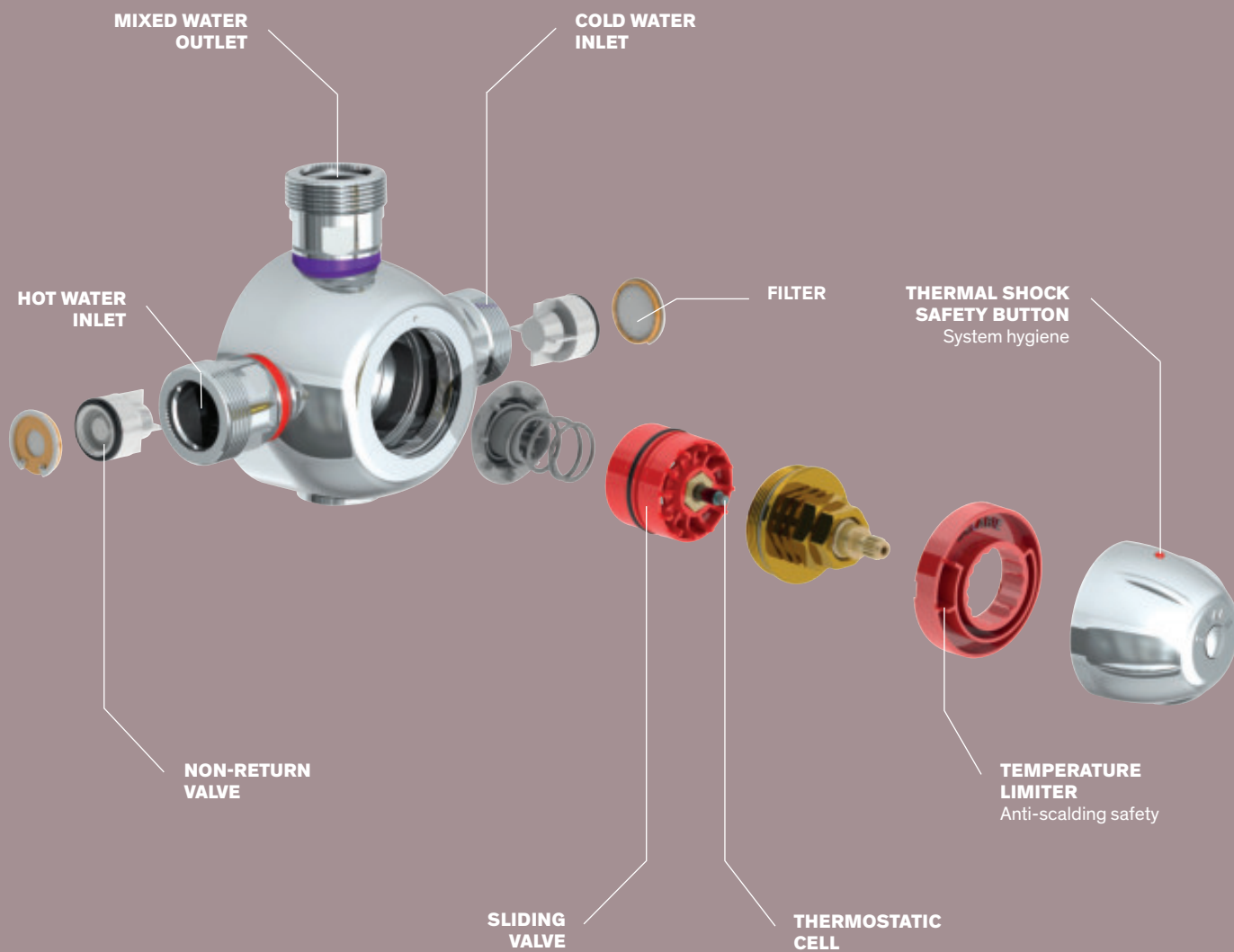
Preventive and permanent solution against Legionella



## OPERATION

The thermostatic cell in the heart of the mixing chamber reacts rapidly to every temperature variation. Constantly in motion, it expands and contracts with changes in the flow rate and temperature to control a sliding valve that opens and closes the hot and cold water inlets.

- As the mixed water temperature rises, the thermostatic cell expands and pushes the sliding valve down. This immediately restricts the passage of hot water and opens the cold inlet.
- As the mixed water temperature falls, the thermostatic cell contracts and the sliding valve is pushed upwards by the balancing spring. It immediately restricts the passage of cold water and opens the hot inlet.
- If there is a cold water supply failure, the thermostatic cell expands instantly and the sliding valve closes the hot water inlet. The hot water flow is stopped within 3 seconds preventing the user from being scalded.



## Normal or low frequency of simultaneous use:

The following formula is recommended as a means of determining the simultaneity coefficient:

$$\frac{0.8}{\sqrt{x-1}}$$

(x represents the number of points-of-use)

## High-frequency of simultaneous use (public places):

DELABIE recommends using the following formula to determine the simultaneity coefficient:

$$\frac{2}{\sqrt{x-1}}$$

(x represents the number of points-of-use)

## Exceptionally high-frequency:

Use of coefficient 1 for up to 15 points-of-use.

The choice of PREMIX thermostatic mixing valve depends upon the installation type, the frequency of simultaneous use (coefficient), the number of points-of-use, and the dynamic water pressure at the PREMIX inlets. To select the appropriate PREMIX for an installation, it is necessary to calculate the design corrected flow rate.

## 1. DETERMINING THE COEFFICIENT OF SIMULTANEOUS USE

It depends on type of site (public and commercial places) and number of points-of-use to supply.

Number of taps and valves to be connected	Simultaneity coefficient	
	High simultaneity frequency	Normal/low simultaneity frequency
	Sport stadia, schools, boarding schools, camp sites, etc.	Hospitals, hotels, offices, apartment blocks, social housing, etc.
1 - 5	<b>1</b>	<b>1</b>
5 - 10	<b>1</b>	<b>0.5</b>
10 - 15	<b>0.6</b>	<b>0.3</b>
15 - 25	<b>0.5</b>	<b>0.3</b>
25 - 40	<b>0.4</b>	<b>0.2</b>
40 - 60	<b>0.3</b>	<b>0.15</b>
More than 60	<b>0.2</b>	<b>0.1</b>

## 2. CALCULATING GROSS FLOW RATE

The expected flow rate depends on operating flow rate for each type of outlet (refer to manufacturer's data sheets for tap and valve flow rates).

	Flow rate	Number of fittings	Total gross flow rate
DELABIE time flow basins	<b>3 lpm</b>	x ...	= ...
DELABIE time flow showers	<b>6 lpm</b>	x ...	= ...
Basin, sink, shower, bidet	<b>12 lpm</b>	x ...	= ...
Bath tub	<b>20 lpm</b>	x ...	= ...
TOTAL GROSS FLOW RATE for all points-of-use			

## 3. CALCULATING THE DESIGN FLOW RATE

To supply installation branch.

Total gross flow rate	<b>X</b>	Simultaneity coefficient	<b>=</b>	<b>Design corrected flow rate</b> for mixed water
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## 4. SIZING THE APPROPRIATE PREMIX

The choice depends on the design corrected flow rate and pressure loss.

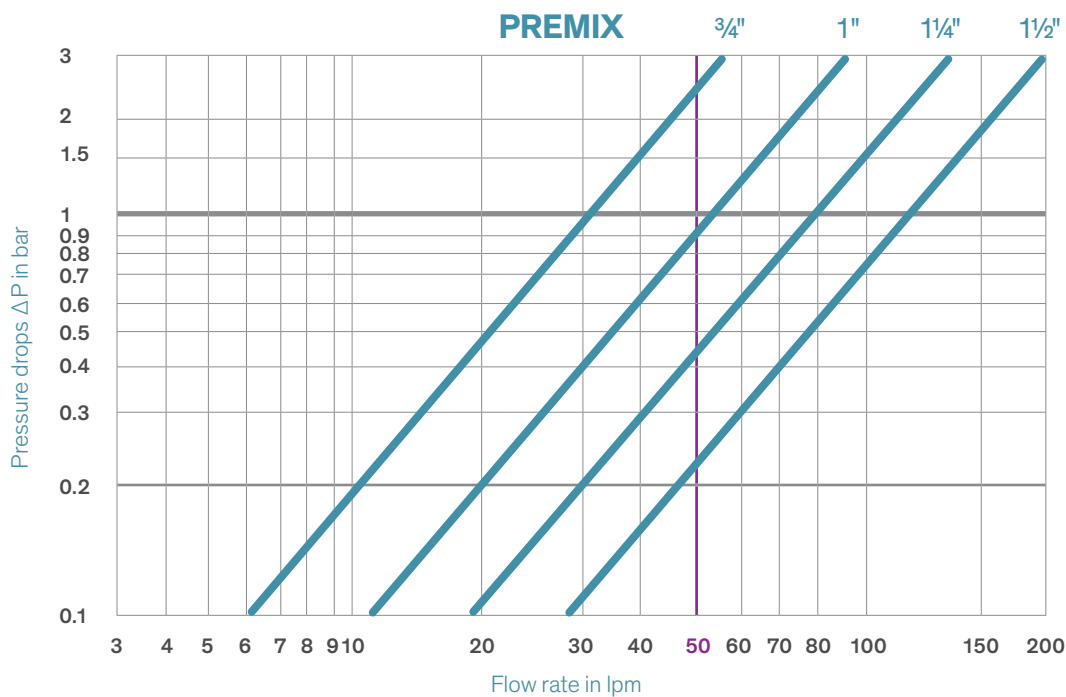
1. Select the PREMIX size depending on design corrected flow rate for mixed water in the system.
2. Check the PREMIX pressure loss.  
Having established dynamic pressures at the thermostatic mixing valve inlet and the required residual pressure for supplying installation, select the model chosen based on the associated pressure drop.

### Example:

For a 50 lpm design flow rate:

The PREMIX 3/4" records a 2.4 bar pressure loss as opposed to 0.9 bar for the PREMIX 1".

NB: When supply pressure is 3 bar (recommended), pressure loss should not exceed 1 bar.



### Chart of PRESSURE LOSSES:

Dynamic pressure drop when operated under varying flow rates.

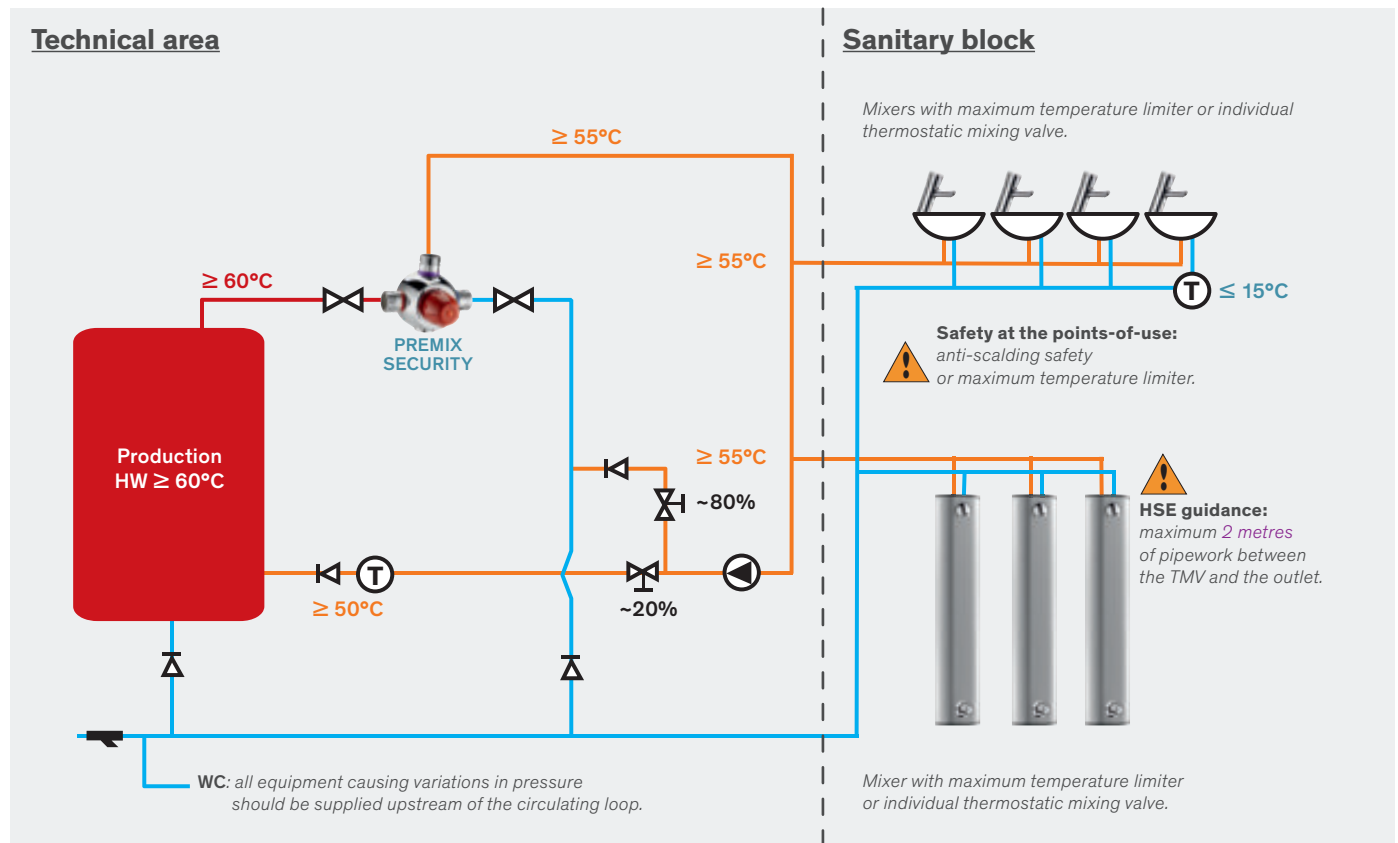
**REMINDER: Check pipework pressure losses (e.g. different floor levels, extended supply pipes, etc.). See chapter "Sanitary technical data" (page 268).**

Due to the diversity of fittings possible, this information is not contractual and is for guidance only. The designer remains responsible for determining the best simultaneity coefficient and TMV model.

**Circulating loop with PREMIX SECURITY and points-of-use WITH maximum temperature limiter**

PREMIX SECURITY enables the sanitary hot water circulating loop to be maintained at a constant temperature  $\geq 50^{\circ}\text{C}$  (recommended at  $55^{\circ}\text{C}$ ), which reduces heat loss (15% energy savings) and prolongs the life of the system.

- Points-of-use supplied at  $50^{\circ}\text{C}$  or more equate to an increased risk of scalding.
  - The HSE guidance HSG 274 Part 2 (2014) restricts the maximum temperature at the hot water outlet to  $< 41^{\circ}\text{C}$ .
- To guarantee safety, all DELABIE is mixers (thermostatic, electronic or time flow) which are used at the point-of-use are fitted with a maximum temperature limiter, which can be adjusted by the installer.



**GUIDANCE FOR A QUICK SELECTION OF PREMIX WITH DELABIE WATER CONTROLS**

PREMIX	Flow rate at 3 bar pressure loss	Recommended operating range	High simultaneous use		Normal simultaneous use	
			Number of taps and valves	Simultaneity coefficient	Number of taps and valves	Simultaneity coefficient
¾"	55 lpm	10 - 45	Up to 6	1	Up to 6	1
1"	90 lpm	20 - 70	Up to 12	1	Up to 16	0.3
1¼"	140 lpm	30 - 110	Up to 25	0.5 - 0.7	Up to 50	0.15
1½"	190 lpm	40 - 150	Up to 40	0.4 - 0.6	Up to 100	0.1

**High simultaneous use:** sports stadia, swimming pools, schools, boarding schools, campsites, etc. (DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; average use 5 lpm).

**Normal simultaneous use:** hospitals, hotels, offices, apartment blocks, social housing, etc. (DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; sinks 12 lpm; baths 20 lpm; average use 12 lpm).





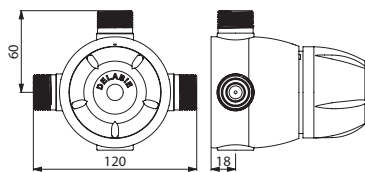
- **Automatic anti-scalding safety:** automatic shut-off if cold water fails
- **Comfort:** temperature stability regardless of variations in pressure, flow rate or temperature in the system
- **Solution against Legionnaires' disease:** complies with the UK HSE technical guidance "HSG274 Part 2" in 2014
- **Installation:** at the hot water system outlet (HW)

## PREMIX SECURITY

Group thermostatic mixing valve for circulating loops 44 - 58°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- **Filters and non-return valves can be accessed from the outside without removing the mechanism.**
- **Thermal shocks are possible.**
- **Interchangeable cartridge with thermostatic cell.**
- High-resistance chrome-plated brass body.
- Maximum hot water temperature: 85°C.
- Differential hot water / mixed water: 15°C minimum.
- Pressure differences at the inlets: 1 bar maximum (0.5 bar recommended).
- Minimum pressure / maximum: 1 - 10 bar (1 - 5 bar recommended).
- Left hand side hot water inlet (red ring) and right hand side cold water inlet (blue ring).
- Mixed water outlet at the top (purple ring).
- For bottom outlet: unscrew / place blanking cap at the top and outlet connector at the bottom.
- **15% energy savings:** heat loss minimised (comparison between a circulating loop at 55°C and a non-circulating system at 70°C).
- **Safety and increased system lifespan**  
(Hot water at >65°C leads to premature ageing within the system).
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the production outlet.**
- 10-year warranty.



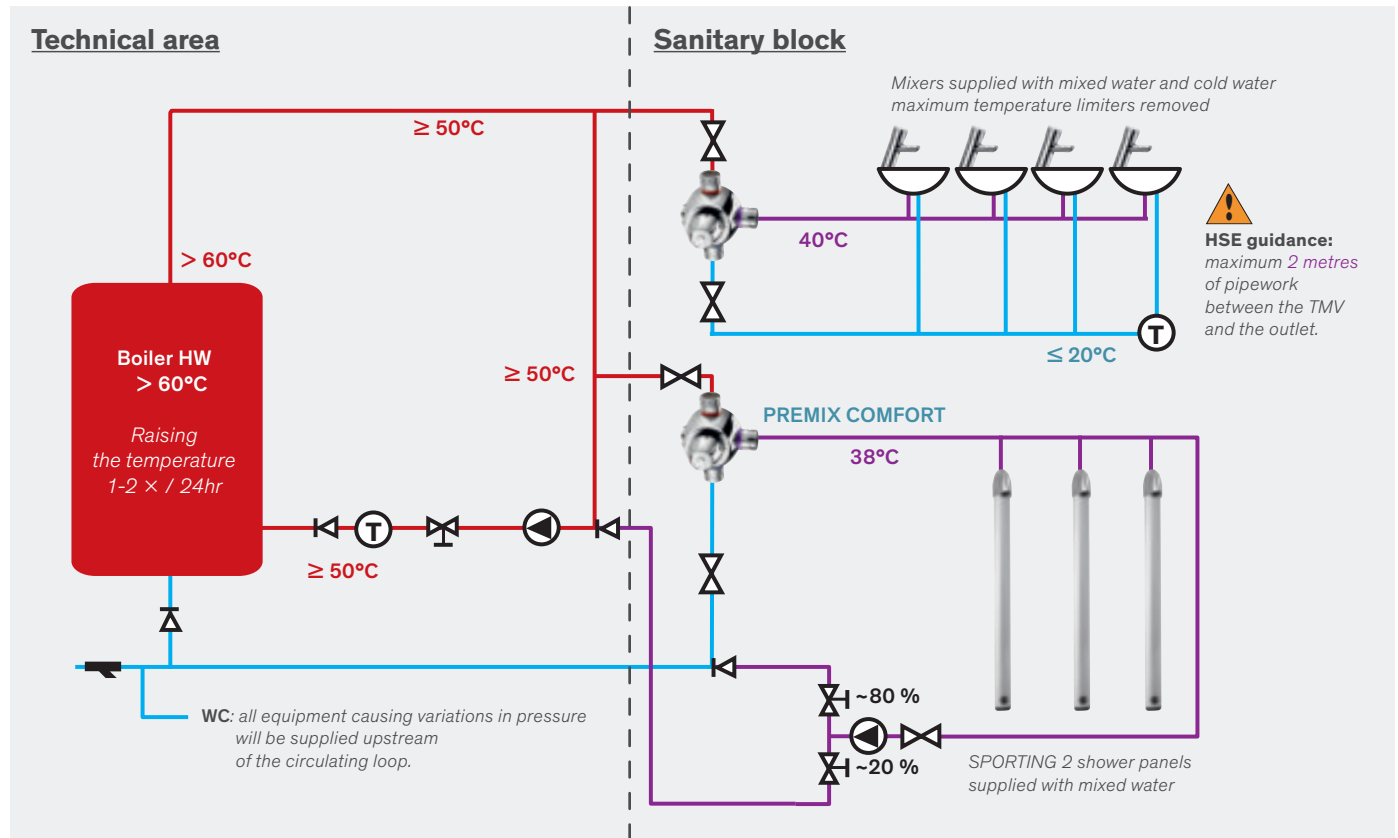
731052

Description	Dimensions			Reference	Price
	W	H	D		
PREMIX SECURITY 55, M¾"	120	60	18	<b>731052</b>	<b>£599.55</b>
PREMIX SECURITY 90, M1"	160	80	23	<b>731053</b>	<b>£929.30</b>
PREMIX SECURITY 140, M1¼"	180	90	26	<b>731054</b>	<b>£1,333.99</b>
PREMIX SECURITY 190, M1½"	196	98	26	<b>731055</b>	<b>£1,723.67</b>

**Circulating loop PREMIX COMFORT and points-of-use WITHOUT maximum temperature limiter**

PREMIX COMFORT reduces the risk of scalding by limiting the temperature at the points-of-use: mixed water supply < 41°C.

- The points-of-use do not have a temperature limiter.
- The HSE advises that long pipe runs between TMVs and outlets should be avoided and should not exceed 2 metres in length.



**GUIDANCE FOR A QUICK SELECTION OF PREMIX WITH DELABIE WATER CONTROLS**

PREMIX	Flow rate at 3 bar pressure loss	Recommended operating range	High simultaneous use		Normal simultaneous use	
			Number of taps and valves	Simultaneity coefficient	Number of taps and valves	Simultaneity coefficient
3/4"	55 lpm	10 - 45	Up to 6	1	Up to 6	1
1"	90 lpm	20 - 70	Up to 12	1	Up to 16	0.3
1 1/4"	140 lpm	30 - 110	Up to 25	0.5 - 0.7	Up to 50	0.15
1 1/2"	190 lpm	40 - 150	Up to 40	0.4 - 0.6	Up to 100	0.1

**High simultaneous use:** sports stadia, swimming pools, schools, boarding schools, campsites, etc.  
(DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; average use 5 lpm).

**Normal simultaneous use:** hospitals, hotels, offices, apartment blocks, social housing, etc.  
(DELABIE basin taps 3 lpm; DELABIE showers 6 lpm; sinks 12 lpm; baths 20 lpm; average use 12 lpm).



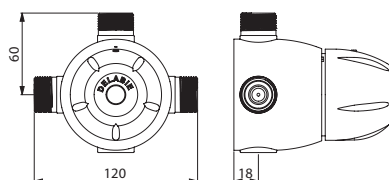
- **Automatic anti-scalding safety:** automatic shut-off if cold water fails
- **Comfort:** temperature stability regardless of variations in pressure or flow rate in the system
- **Solution against Legionnaires' disease:** complies with the UK HSE technical guidance "HSG274 Part 2" in 2014
- **Installation:** upstream of point-of-use

## PREMIX COMFORT

Group thermostatic mixing valve for mixed water 32 - 42°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- **Filters and non-return valves can be accessed from the outside without removing the mechanism.**
- **Thermal shock with no specific lever needed** (push-button on the control knob).
- **Interchangeable cartridge with automotive cell.**
- High-resistance chrome-plated brass body.
- Maximum hot water temperature: 85°C.
- Differential hot water / mixed water: 15°C minimum.
- Pressure differences at the inlets: 1 bar max. (0.5 bar recommended).
- Minimum pressure / maximum: 1 - 10 bar (1 - 5 bar recommended).
- Left hand side hot water inlet (red ring) and right hand side cold water inlet (blue ring).
- Mixed water outlet at the top (purple ring).
- For bottom outlet: unscrew / place blanking cap at the top and outlet connector at the bottom.
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the point-of-use.**
- Available in 2 sizes to replace the common existing models (standard exchange).
- 10-year warranty.



731002

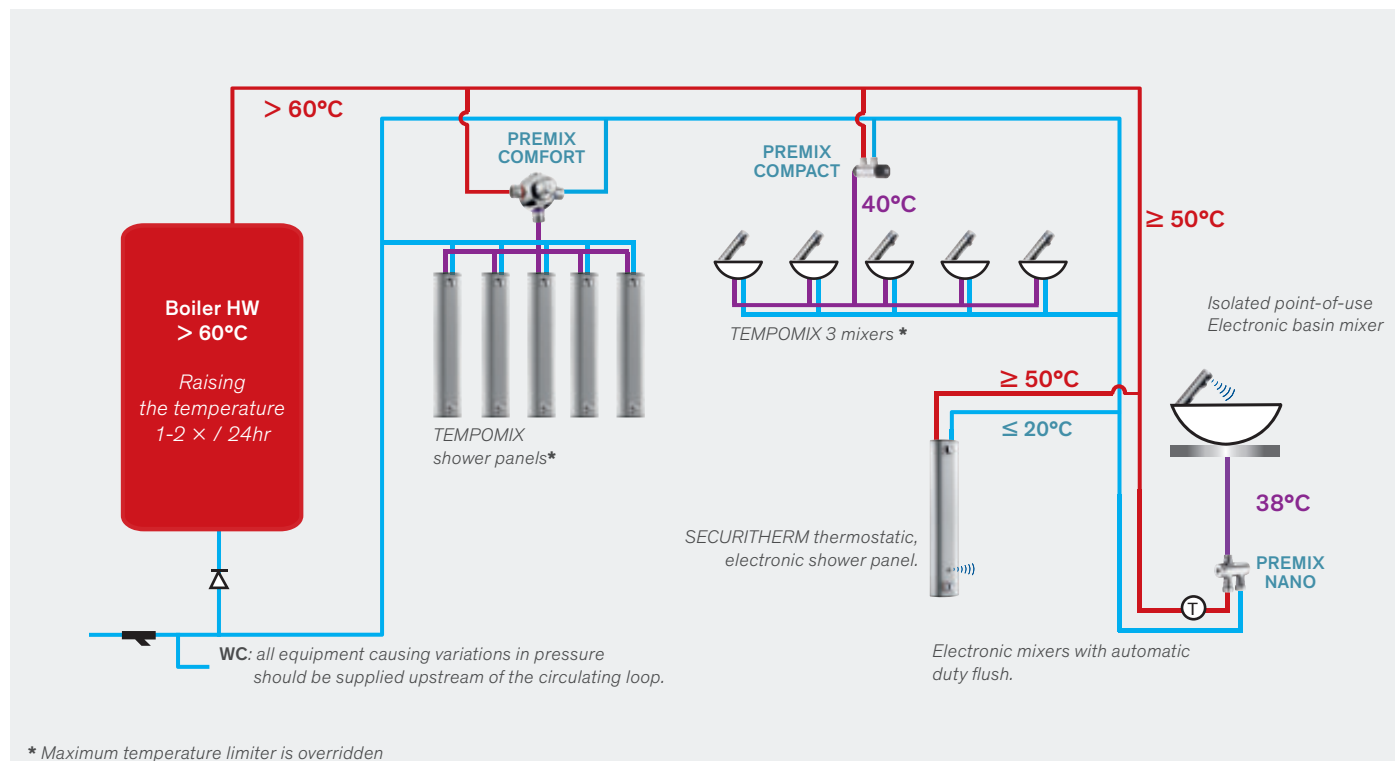
Description	Dimensions			Reference	Price
	W	H	D		
PREMIX COMFORT 55, M $\frac{3}{4}$ "	120	60	18	731002	£599.55
PREMIX COMFORT 90, M1"	160	80	23	731003	£929.30
PREMIX COMFORT 140, M1 $\frac{1}{4}$ "	180	90	26	731004	£1,333.99
PREMIX COMFORT 190, M1 $\frac{1}{2}$ "	195	98	26	731005	£1,723.67
PREMIX COMFORT T2, M $\frac{3}{4}$ "	120	81	18	731200	£599.55
PREMIX COMFORT T3, M1"	146	95	23	731300	£929.30
PREMIX COMFORT T4, M1 $\frac{1}{4}$ "	180	107	26	731400	£1,333.99
PREMIX COMFORT T5, M1 $\frac{1}{2}$ "	218	129	26	731500	£1,723.67

**No circulating loop, PREMIX COMFORT, COMPACT or NANO and duty flush system**

In installations where there is no circulating loop, stagnating water at temperatures below 50°C can cause Legionella bacteria to develop. In older installations where a circulating loop is not possible, we recommend the solution below to combat bacterial proliferation.

**Solutions:**

- PREMIX COMFORT, COMPACT or NANO to lower the temperature of the water at the points-of-use to a maximum of 41°C (HSG 274 Part 2, 2014).
- DELABIE electronic mixers, taps or valves with automatic duty flush can be installed at the extreme end of each distribution arm (as a minimum) to prevent any bacterial development: automatic duty flush for ~60 seconds every 24 hours after the last use.



**PREMIX COMFORT**

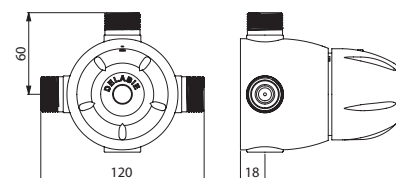
Group thermostatic mixing valve for mixed water supply 32 - 42°C



- **Anti-scalding safety.**
- **Regulates temperature variations.**
- Filters and non-return valves can be accessed from the outside without removing the mechanism.
- **Thermal shock with no specific lever needed** (push-button on the control knob).
- Interchangeable cartridge with automotive cell.
- **Maximum temperature limiter, can be adjusted by the installer.**
- **Reduced risk of scalding by reducing the temperature at the point-of-use.**
- 10-year warranty.

For more information and models of PREMIX COMFORT see page 161

Description	Dimensions			Reference	Price
	W	H	D		
PREMIX COMFORT 55, M3/4"	120	60	18	<b>731002</b>	<b>£599.55</b>
PREMIX COMFORT 90, M1"	160	80	23	<b>731003</b>	<b>£929.30</b>
PREMIX COMFORT 140, M1 1/4"	180	90	26	<b>731004</b>	<b>£1,333.99</b>
PREMIX COMFORT 190, M1 1/2"	195	98	26	<b>731005</b>	<b>£1,723.67</b>



731002



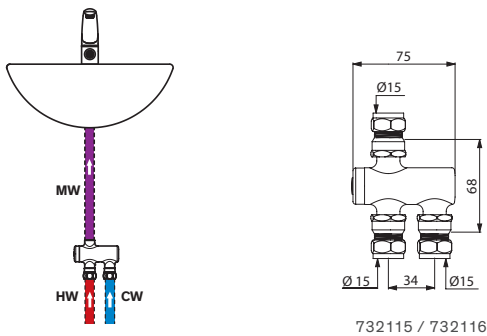
- **Anti-scalding failsafe:** automatic shut-off if cold water fails
- **Comfort:** regulates temperature variations for a stable temperature at the point-of-use
- **Installation:** upstream of the taps and valves

### PREMIX NANO

Thermostatic mixing valve with mixed water 34 - 60°C



- For 1 - 2 taps or 1 shower.
- **Anti-scalding failsafe:** automatic shut-off if cold or hot water supply fails.
- Temperature pre-set at 38°C, can be adjusted by the installer 34 - 60°C.
- Brass body.
- **Filters and non-return valves.**
- Recommended flow rate range: from 3 - 12 lpm.
- **Thermal shocks are possible.**
- 10-year warranty.



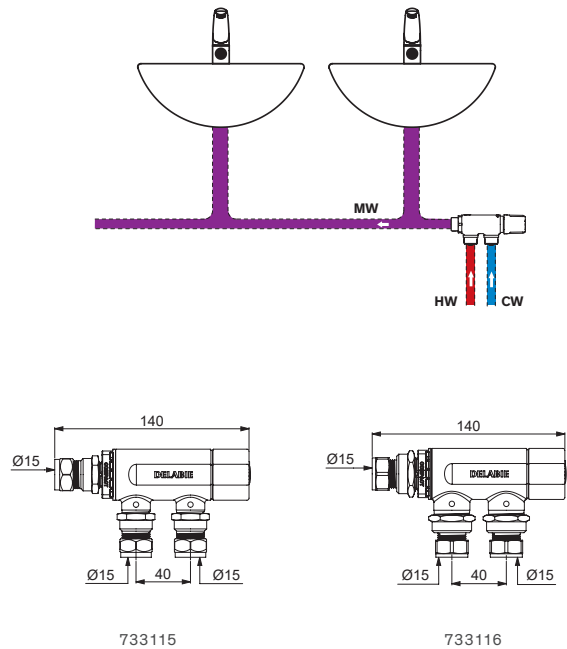
PREMIX NANO (from 3 - 12 lpm)		
Nickel-plated body M½", Ø 15mm	<b>732115</b>	<b>£87.66</b>
Nickel, F½" Ø 15mm	<b>732115MEC</b>	<b>£110.24</b>
Polished chrome body M½", Ø 15mm	<b>732116</b>	<b>£103.17</b>

### PREMIX COMPACT

Thermostatic mixing valve with mixed water 30 - 60°C



- For 2 - 10 sanitary points-of-use (depending on the flow rate).
- **Anti-scalding safety:** automatic shut-off if cold or hot water supply fails.
- Temperature pre-set at 38°C, can be adjusted by the installer 30 - 60°C.
- Brass body.
- **Filters and non-return valves.**
- Recommended flow rate range:
  - ½": from 5 - 20 lpm
  - ¾": from 5 - 25 lpm.
- **Thermal shocks are possible.**
- 10-year warranty.



PREMIX COMPACT		
M½" Ø 15mm for 2 to 7 taps/mixers: from 5 to 20 lpm	<b>733115</b>	<b>£122.01</b>
M¾" Ø 15mm for 2 to 10 taps/mixers: from 5 to 25 lpm	<b>733116</b>	<b>£165.17</b>

THERMOSTATIC MIXING VALVES



# Urinals: Valves and frame systems

SOLUTIONS  
FOR URINALS  
**167**

ELECTRONIC  
CONTROLS AND  
FRAME SYSTEMS  
**171**



TIME FLOW  
CONTROLS  
AND FRAME SYSTEMS  
**181**



ADDITIONAL  
FITTINGS AND  
RECOMMENDATIONS  
**190**







## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Optimised space and time

Two urinals can easily replace one WC. This helps combat the problem of space in public and commercial facilities. As they are used standing up, the usage time for urinals is shorter, therefore the turnover of users is faster.

### Resistant to intensive use and vandalism

DELABIE's controls are specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The urinal valve bodies have been specifically designed and are fitted with **shock-resistant** mechanisms and sensors.

The **reinforced fixings** and **streamlined designs** discourage attempts to pull them off.

For areas that require tamperproof installations, there are recessed and cross wall versions which have mechanisms that cannot be accessed by the user.

### Minimal servicing and simple to maintain

The **scale-resistant** solutions and the filters ensure minimal servicing.

Maintenance is easier. The **spare parts** are **standardised** to ensure quick and easy replacement by the maintenance staff.

Direct access to the components without having to remove the valve.

### Easy to install

The urinal valves exist in the following models:

- **exposed**: visible water supply
- **recessed** in the wall
- **cross wall**: the mechanisms cannot be accessed by the user
- **on frame systems**: supplied pre-assembled, installation is quick and simple.

## DESIGN

### Commercial environments and design

DELABIE's products, known for their endurance and reliability, have a **timeless design**. The diversity of the product range fits in perfectly with any commercial installation.

In an office building or a shopping centre, it is paramount that the product design fits in with its surroundings.


In prison, products must be resistant and secure: concealed mechanisms, streamlined design, etc.

### Design without constraints

Aesthetic products are subject to less vandalism as they are better respected. The **smooth shape** of the urinal valves reduces the build-up of dirt and facilitates cleaning.

Easy but secure access to the control mechanisms provides easy maintenance.

### Technical characteristics

Operating pressure	1 - 5 bar, 3 bar recommended
Electrical supply*	230V / 50 Hz class II (without earth connection)
Electronic unit*	Independent or integrated
6V Lithium battery*	CR123 or 223 CR-P2 standard battery Average lifespan ~350,000 cycles or 3 - 6 years
Duty Flush programme can be adjusted*	12 or 24h after last use (or OFF)
	Complies with European Directives CEM 2014/30/UE and BT 2014/35/UE
Time flow	~3 or 7 seconds

\* Depending on model

**10-year warranty** against any manufacturing defects.



Vandal-resistant



Design

## WATERLESS URINALS



### Water saving?

"Waterless" urinals have to be rinsed every 2 hours to avoid unpleasant odours. The reality is that they consume 18 to 36 litres of water per day (6 x 3L). Therefore, maintenance staff need to be available.

### Ecological?

Occlusive liquid cartridges and sealing fluid bottles create waste and have an unknown impact on the environment.

### Economical?

The purchase price of a waterless urinal is high. Running costs are also high (liquids and servicing products). Regular changes of consumables involve substantial manpower.

### Hygienic?

Waterless urinals do not rinse the urinal bowl or the pipework. As a result, bacteria stay in the bowl and develop continuously after each use. The build-up of urine can also cause blockages in the pipework.



## THE ADVANTAGES OF ELECTRONIC URINAL VALVES

### GUARANTEED HYGIENE

#### Automatic and systematic flush

The urinal is cleaned automatically without any need for contact when the user leaves. **No manual contact prevents the spread of germs by hand.**

#### Hygienic duty flush

When a urinal is not used regularly, water stagnates in the pipework and bacteria develop. **Electronic urinals automatically activate every 24 hours after the last use** in order to circulate the water in the system. This duty flush also enables the renewal of the water in the trap: a natural barrier preventing bad odours rising.

#### Reduced-stagnation solenoid valve

Traditionally, solenoid valves operate with a membrane system that always carries a certain volume of stagnant water. DELABIE has developed a system without a membrane: **100% of the water held in the valve is, therefore, renewed with each use.**

### 60% WATER AND ENERGY SAVINGS

#### A smaller rinsing area

Due to the smaller bowl size, a urinal uses up to **6 times less water than a WC pan.**

#### The right rinse

In order to find **the ideal balance between effectiveness and savings**, the water volume supplied must be adjusted depending on the size of the urinal. This setting is adjustable on every model and enables **water savings of up to 60%.**

#### Demonstrated efficiency

In order to properly clean a urinal the bowl must be rinsed and the water in the trap renewed. With a minimum flow rate of 0.15 L/sec. for 3 seconds, sufficient water is used to clean the urinal. This consumption can even be optimised thanks to models with a **high-frequency mode** (TEMPOMATIC 4).

#### Energy savings

Infrared active pulse technology used on electronic controls is a **low-power consumption solution.** The battery-operated electronic models have an average lifespan of **350,000 cycles** (i.e. 3 to 6 years) depending on the frequency of use. The Lithium batteries are widely available, affordable and recyclable.

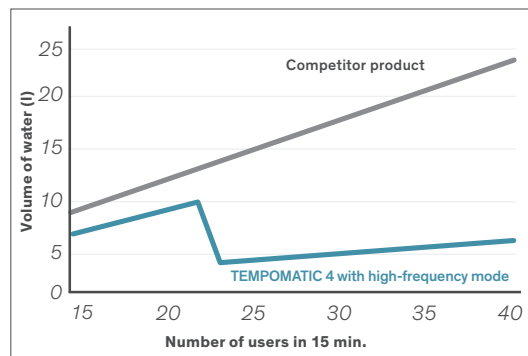
### HIGH-FREQUENCY MODE

#### An intelligent and adaptable solution

DELABIE has developed an "intelligent" urinal valve: able to detect high-frequency periods and **to adapt its rinse** accordingly. These high-use periods often occur during intermissions at concert halls or theatres, half-time at stadiums, break time at schools, etc.

During **peak periods**, only the bowl is rinsed between two users, reducing the water volume. At the end of the busy period, a complementary rinse takes place to rinse the urinal completely and renew the water in the trap.

#### Water consumption comparison



The TEMPOMATIC 4 offers three rinsing modes according to the type of urinal. It also includes a stopcock and a flow rate adjuster.

#### Water consumption optimisation according to urinal type

	Short rinse	Additional rinse
<b>Programme 1</b> (Standard urinal)	2 seconds	2 seconds
<b>Programme 2</b> (Siphon urinal)	2 seconds	4 seconds
<b>Programme 3</b> (Siphon action urinal)	3 seconds	8 seconds



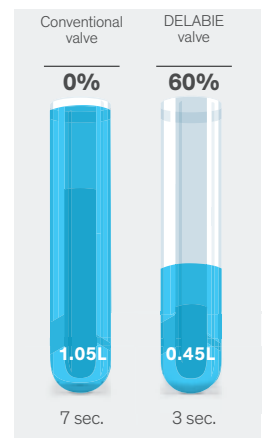
Hygiene and controlling bacterial proliferation



Reduced-stagnation solenoid valve



Discover our water savings video



Water savings per use





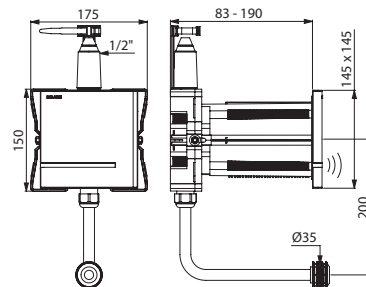
- **Water savings:** high-frequency mode, 3 available programmes
- **Hygiene:** systematic individual rinsing with no manual contact, hygienic duty flush, reduced-stagnation solenoid valve
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)
- **Easy to replace the batteries:** after 3 - 6 years, without removing the urinal valve or shutting off the water

## TEMPOMATIC 4

Recessed electronic urinal valve



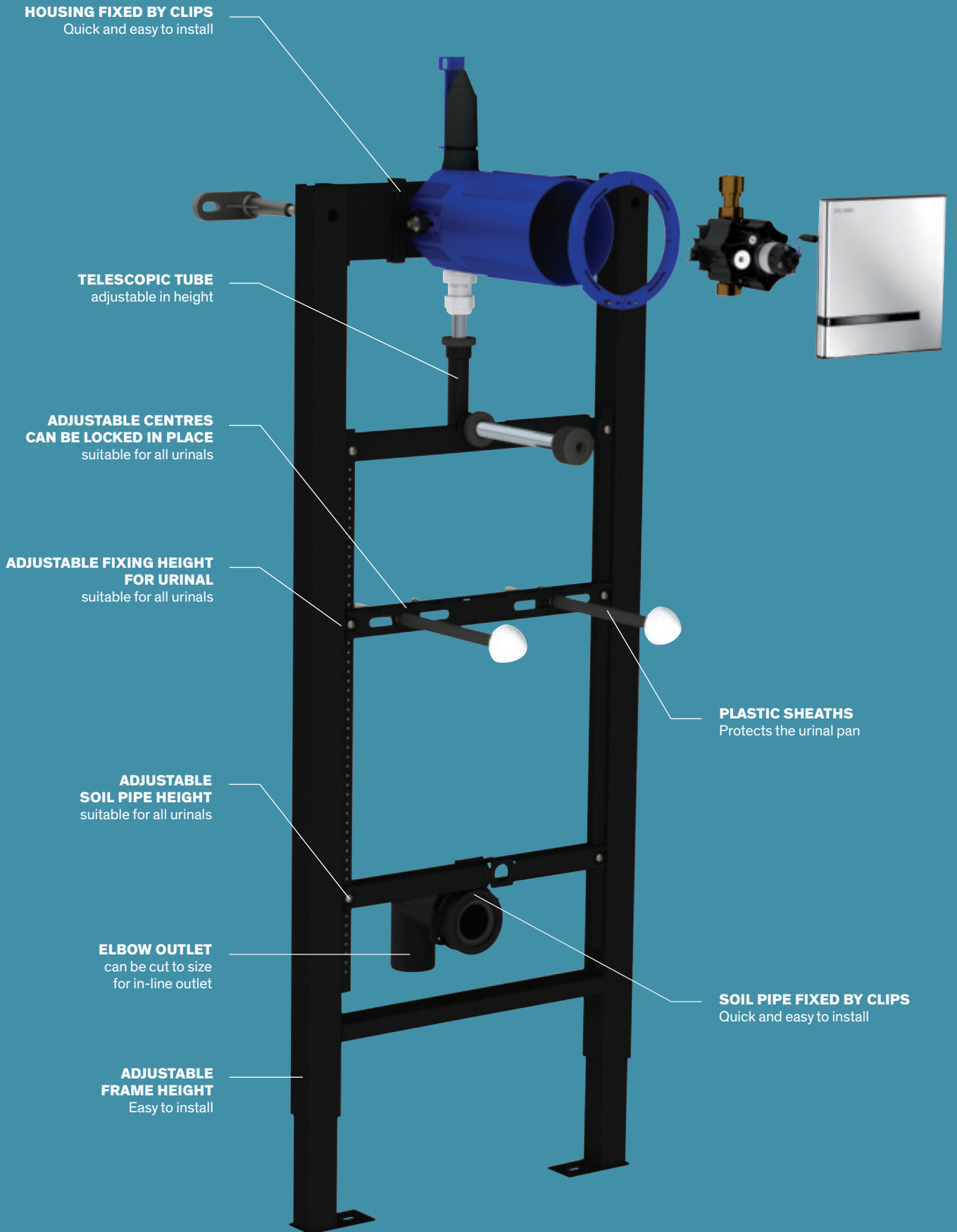
- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Control plate 145 x 145mm with integrated electronics.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 83mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, filter and solenoid valve are all integrated and accessible from the front.
  - TEMPOMATIC 4 F 1/2" urinal valve is compatible with sea water, rain water and grey water.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **3 programmes** (rinse volume can be set according to urinal type).
- **High-frequency mode** (exclusive to DELABIE):
  - Short rinse after each user.
  - Additional rinse at the end of the busy period.
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after the last use: prevents vacuums.
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Connection with  $\varnothing$  35mm connection washer (for standard urinals) or 1/2" brass connection (for urinals supplied by flexible).
- For use with neck tube ref. 752430 or 757430.
- Suitable for people with reduced mobility.
- 10-year warranty.



430PBOX + 430016 + 752430

TEMPOMATIC 4 recessed urinal valve in a waterproof housing		
Bright polished finish stainless steel 6V battery-operated	430PBOX + 430016	£132.00 £378.94
Bright polished finish stainless steel 230V mains supply	430SBOX + 430010	£154.87 £406.02
Satin finish stainless steel 6V battery-operated	430PBOX + 430006	£132.00 £378.94
Satin finish stainless steel 230V mains supply	430SBOX + 430000	£154.87 £406.02
White powder-coated finish stainless steel 6V battery-operated	430PBOX + 430026	£132.00 £378.94
White powder-coated finish stainless steel 230V mains supply	430SBOX + 430020	£154.87 £406.02
Black tempered glass finish 6V battery-operated	430PBOX + 430036	£132.00 £455.46
Black tempered glass finish 230V mains supply	430SBOX + 430030	£154.87 £481.49
$\varnothing$ 35mm neck tube supply for urinals	752430	£24.72
Neck tube supply for urinals with flexible 1/2"	757430	£46.29







- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Vandal-resistant:** install behind a solid partition wall, concealed fixings
- **Hygiene:** systematic individual rinsing without manual contact, hygienic duty flush

**TEMPOFIX 3 with TEMPOMATIC 4**  
Frame system with electronic urinal valve



- Black powder-coated steel frame for wall-mounted installation.
- Fixes to floor and load-bearing walls, anchoring bolts supplied.
- Adjustable bracket 100 - 280mm.
- Frame height can be adjusted from 0 - 200mm.
- Ø 50mm soil pipe with waterproof seal.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 13 - 120mm.**
- 10-year warranty.

**Fitted with TEMPOMATIC 4 F½" electronic valve:**

- Battery-operated with CR123 6V Lithium batteries or 230/6V mains supply (cable and transformer supplied).
- Control plate 145 × 145mm with integrated electronics.
- Shock-resistant infrared presence detection sensor.
- Waterproof recessing housing.
- Detection delay is 10 seconds.
- **3 programmes** (rinse volume can be set according to urinal type).
- **High-frequency mode** (exclusive to DELABIE).
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after last use: prevents vacuums.
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Connection with Ø 35mm connection washer (for standard urinals) or ½" brass connection (for urinals supplied by flexible).
- Suitable for people with reduced mobility.

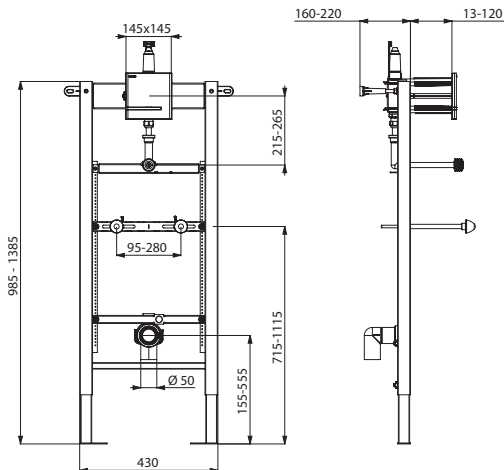
**TEMPOFIX 3 with TEMPOMATIC 4 urinal valve**

**6V battery-operated models**

Bright polished finish stainless steel - urinal Ø 35mm	543006 + 430016	£507.53 £378.94
Bright polished finish stainless steel urinal with flexible ½"	543006D + 430016	£507.53 £378.94
Satin finish stainless steel - urinal Ø 35mm	543006 + 430006	£507.53 £378.94
Satin finish stainless steel - urinal with flexible ½"	543006D + 430006	£507.53 £378.94
White powder-coated finish stainless steel urinal Ø 35mm	543006 + 430026	£507.53 £378.94
White powder-coated finish stainless steel urinal with flexible ½"	543006D + 430026	£507.53 £378.94
Black tempered glass finish urinal Ø 35mm	543006 + 430036	£507.53 £455.46
Black tempered glass finish urinal with flexible ½"	543006D + 430036	£507.53 £455.46

**230/6V mains supply models**

Bright polished finish stainless steel - urinal Ø 35mm	543000 + 430010	£521.07 £406.02
Bright polished finish stainless steel urinal with flexible ½"	543000D + 430010	£521.07 £406.02
Satin finish stainless steel - urinal Ø 35mm	543000 + 430000	£521.07 £406.02
Satin finish stainless steel - urinal with flexible ½"	543000D + 430000	£521.07 £406.02
White powder-coated finish stainless steel urinal Ø 35mm	543000 + 430020	£521.07 £406.02
White powder-coated finish stainless steel urinal with flexible ½"	543000D + 430020	£521.07 £406.02
Black tempered glass finish urinal Ø 35mm	543000 + 430030	£521.07 £481.49
Black tempered glass finish urinal with flexible ½"	543000D + 430030	£521.07 £481.49

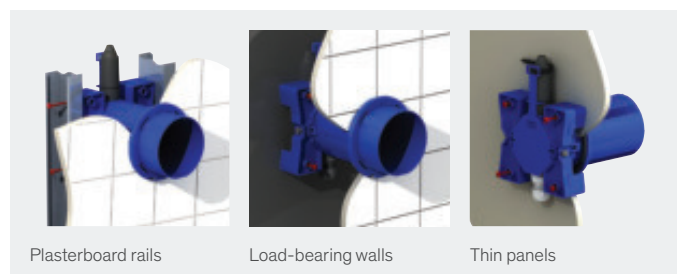


543006 + 430016

## TEMPOMATIC 4 RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

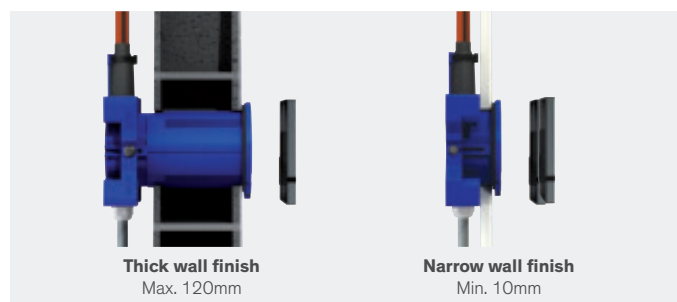
### Modular

Attachable from the sides, front or behind, DELABIE's recessed housing can be used on **plasterboard rails**, on **load-bearing walls** or even **thin panels**, the installation is therefore modular, adapting to the type of project.



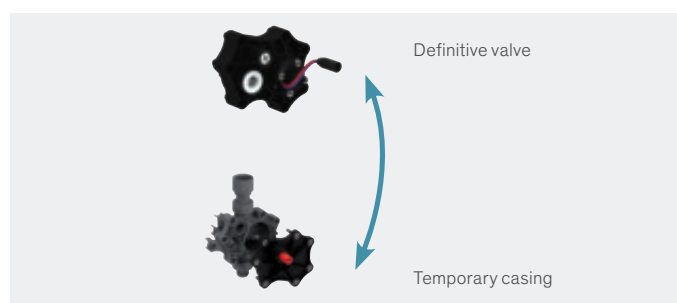
### Adaptable

It is the ideal positioning of the collar that enables the housing to be cut to size lengthwise depending on the wall thickness whilst still guaranteeing complete waterproofing. **Thin or thick, the housing adapts to all the requirements of walls from 10 to 120mm.**



### Quick and easy to install

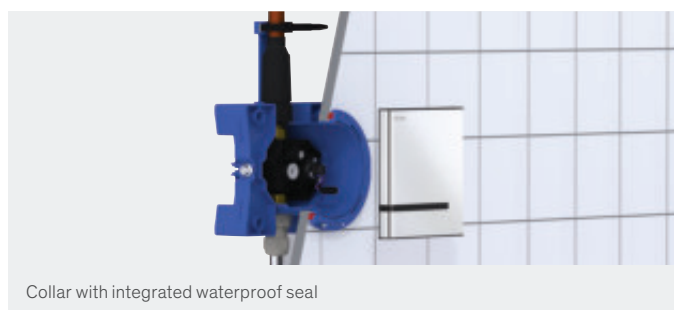
The TEMPOMATIC 4 can be connected to standard piping or "pipe in pipe". The hydraulic connection is made from the outside of the housing. During the installation, the solenoid valve, the filter and the stopcock are replaced by a temporary casing to facilitate and **ensure a safe system flush**, without damaging the technical elements.



### 100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system). **It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



### Minimal servicing and simple to maintain

**Maintenance is carried out from the front** by simply removing the control plate.

The technical elements are accessible and the loose parts come **pre-assembled**. An **LED** indicates when the **batteries need to be replaced**. Integrated in the plate, they can be replaced **without cutting off the water or removing the valve**.

The TEMPOMATIC 4 is suitable for grey water, rain water and sea water.

Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

### Water savings

Thanks to its **optimised flow rate and time flow**, the TEMPOMATIC 4 rinse provides just the necessary flush volume and, therefore, the best compromise between water consumption and efficacy. It also features the **high-frequency mode**.

*For more information see page 169.*

### Hygiene

The TEMPOMATIC 4 recessed urinal flush rinses automatically after each user leaves. **No manual contact** prevents the spread of germs by hand. The **hygienic duty flush** prevents bacterial proliferation and the problem of vacuums.

The TEMPOMATIC 4 is supplied with a **reduced-stagnation solenoid valve**. *For more information see page 169.*

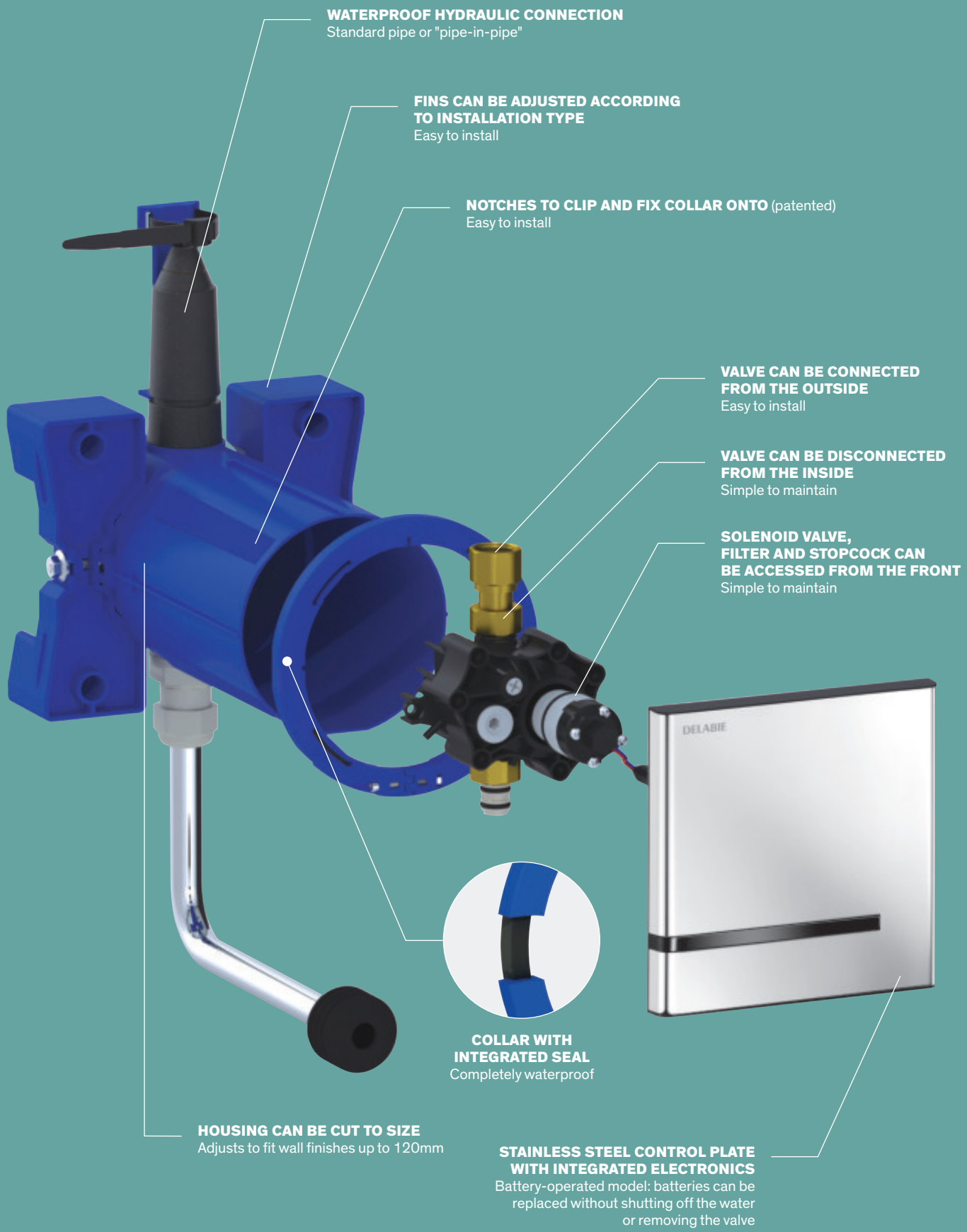
### Design

The TEMPOMATIC 4 control plate has a **timeless design**, available in bright polished, satin, black glass or white finish.

Compact and discreet, it fits perfectly in any type of public and commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning.

This new concept combines **design and functionality**: the electronics are integrated directly in the wall plate.





**WATERPROOF HYDRAULIC CONNECTION**  
Standard pipe or "pipe-in-pipe"

**FINS CAN BE ADJUSTED ACCORDING TO INSTALLATION TYPE**  
Easy to install

**NOTCHES TO CLIP AND FIX COLLAR ONTO** (patented)  
Easy to install

**VALVE CAN BE CONNECTED FROM THE OUTSIDE**  
Easy to install

**VALVE CAN BE DISCONNECTED FROM THE INSIDE**  
Simple to maintain

**SOLENOID VALVE, FILTER AND STOPCOCK CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain



**COLLAR WITH INTEGRATED SEAL**  
Completely waterproof

**HOUSING CAN BE CUT TO SIZE**  
Adjusts to fit wall finishes up to 120mm

**STAINLESS STEEL CONTROL PLATE WITH INTEGRATED ELECTRONICS**  
Battery-operated model: batteries can be replaced without shutting off the water or removing the valve





- **Water savings:** high-frequency mode, 3 available programmes
- **Hygiene:** systematic individual rinsing with no manual contact, hygienic duty flush, reduced-stagnation solenoid valve
- **Easy to install:** electronic system integrated into the body of the urinal valve
- **Easy to replace the battery:** after 3 - 6 years, without removing the urinal valve or shutting off the water

**TEMPOMATIC 4**

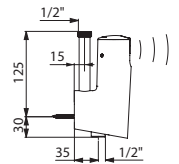
Exposed electronic urinal valve with integrated battery



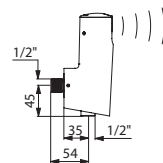
- **Battery-operated with integrated 223 CR-P2 6V Lithium battery.**
- For wall-mounted, exposed installation.
- **Reduced-stagnation solenoid valve and electronic unit integrated** into the body of the urinal valve.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **3 programmes** (rinse volume can be set according to the type of urinal).
- **High-frequency mode** (exclusive to DELABIE):
  - short rinse after each user
  - additional rinse at the end of the busy period.
- **Hygienic duty flush** every 24 hours after last use: prevents vacuums.
- Compatible with rain water.
- Flow rate 0.15 L/sec. at 3 bar, can be adjusted.
- **Integrated stopcock and flow rate adjuster.**
- One-piece chrome-plated metal body.
- M1/2" connection.
- Suitable for people with reduced mobility.
- 10-year warranty.

*Ideal for replacing old installations:*

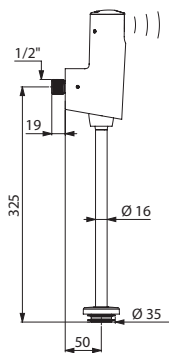
*Can easily be installed where there was previously a time flow urinal valve.*



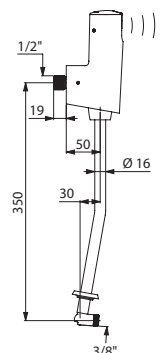
479410



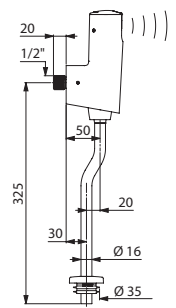
479411



479412



479413



479416

<b>TEMPOMATIC 4 exposed valve</b>		
<b>Valve only (M1/2" outlet, 35mm gap from wall)</b>		
In-line	<b>479410</b>	<b>£373.14</b>
Angled	<b>479411</b>	<b>£359.04</b>
<b>Full kit (angled supply)</b>		
For standard urinal: 50mm gap from wall	<b>479412</b>	<b>£391.44</b>
For DELABIE FINO urinal	<b>479413</b>	<b>£405.52</b>
For DELABIE DELTA urinal	<b>479414</b>	<b>£402.70</b>
For DELABIE DELTACÉRAM urinal	<b>479415</b>	<b>£388.62</b>
For non-standard urinal: 30mm gap from wall	<b>479416</b>	<b>£390.04</b>



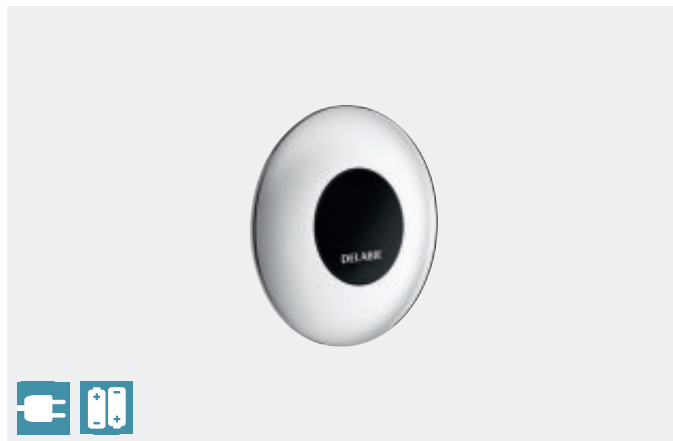


- **Hygiene:** no manual contact, hygienic duty flush
- **Water savings:** 60%
- **Vandal-resistant:** cross wall installation, concealed fixings

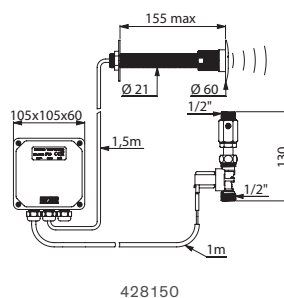


## TEMPOMATIC

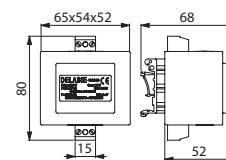
Cross wall electronic urinal valve



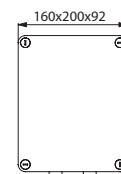
- **Mains supply or CR123 6V Lithium batteries.**
- Electronic control unit with solenoid valve, filter and stopcock M1/2".
- For cross wall installation.
- Shock-resistant infrared presence detection sensor.
- **Detection distance, time flow and flow rate can be adjusted** during installation.
- We recommend a 230/12V transformer (see below) for mains supply models.
- **Detection delay is 3 seconds.**
- **Automatic pre-rinse** is possible.
- **Time flow ~3 seconds**, can be adjusted from 3 - 12 seconds.
- **Hygienic duty flush** every 24 hours after last use: prevents vacuums.
- Compatible with rain water.
- Flow rate 0.3 L/sec. at 3 bar, can be adjusted.
- Wall plate flush to the wall.
- Threaded rod can be cut to size.
- Suitable for people with reduced mobility.
- 10-year warranty.



428150



406000



406220

### TEMPOMATIC cross wall urinal valve

For walls ≤ 155mm - 12V mains supply	<b>428150</b>	<b>£430.95</b>
For walls ≤ 225mm - 12V mains supply	<b>428200</b>	<b>£438.79</b>
For partitions ≤ 155mm - 6V battery-operated	<b>428156</b>	<b>£430.95</b>
For partitions ≤ 225mm - 6V battery-operated	<b>428206</b>	<b>£438.79</b>

### Transformer 230/12V for 1 - 5 TEMPOMATIC urinals

Without housing	<b>406000</b>	<b>£101.42</b>
In a waterproof housing	<b>406220</b>	<b>£352.34</b>

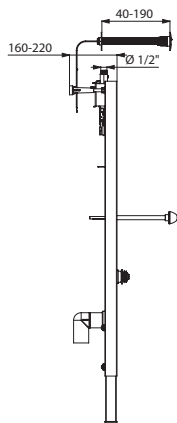
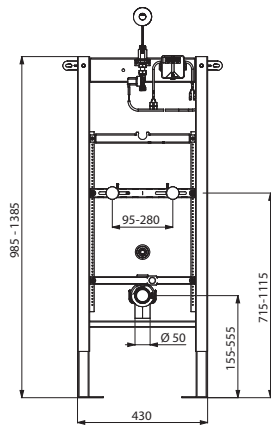
Alternative cross wall lengths are available on request



- **Hygiene:** no manual contact, hygienic duty flush
- **Vandal-resistant:** recessed or on frame system

### TEMPOFIX 3 with TEMPOMATIC

Frame system with electronic urinal valve



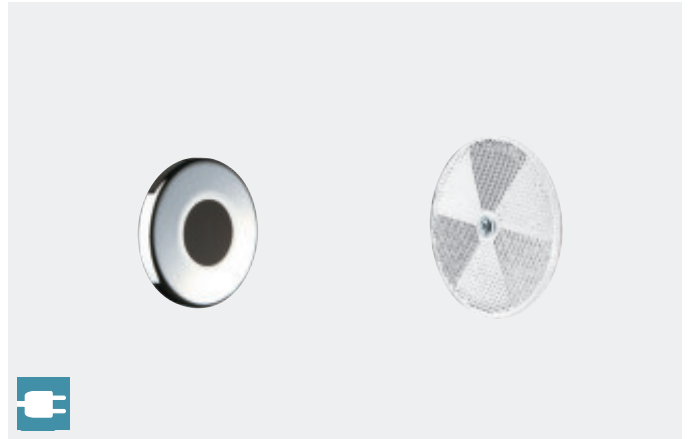
543100

- Black powder-coated steel frame for wall-mounted installation.
- Fixes to floor and load-bearing walls, anchoring bolts supplied.
- Adjustable bracket 100 - 280mm.
- Frame height can be adjusted from 0 - 200mm.
- Ø 50mm soil pipe with waterproof seal.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 40 - 190mm.**
- Suitable for people with reduced mobility.
- 10-year warranty.

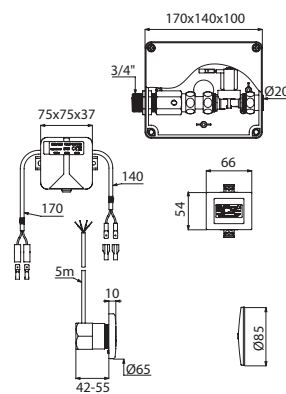
Fitted with a TEMPOMATIC M $\frac{1}{2}$ " electronic urinal valve mains supply 12V (see opposite).

### TEMPOMATIC multi-urinals

Recessed electronic valve with infrared barrier for urinals



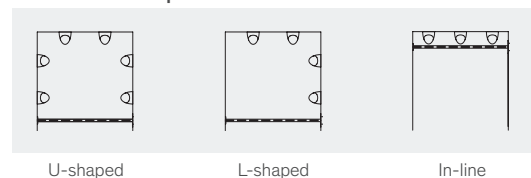
- **Rinsing for 1 - 8 standard or stall urinals or 2 siphon action urinals.**
- For recessed installation.
- Electronic unit with 230/12V transformer.
- Hydraulic unit with solenoid valve, stopcock M $\frac{3}{4}$ " and filter.
- **Hygienic duty flush** every 24 hours after last use, prevents vacuums.
- Recessed infrared detector Ø 50mm and reflector Ø 85mm.
- **Automatic pre-rinse** is possible after the arrival of the first user.
- **Automatic rinse** every 30 or 60 seconds.
- **Time flow pre-set at 3 seconds**, can be adjusted from 2 - 14 seconds.
- Flow rate 0.3 L/sec. at 3 bar, can be adjusted.
- Maximum detection range recommended: 6 metres.
- **Anti-blocking security:** automatic shut-off after 20 uninterrupted cycles.
- Suitable for people with reduced mobility.
- 10-year warranty.



487620



#### Installation examples



TEMPOFIX 3 frame system with TEMPOMATIC TC	543100	£820.43
We recommend installing a transformer (see opposite)		

TEMPOMATIC multi-urinals	487620	£877.54
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## 60% WATER AND ENERGY SAVINGS

### A smaller rinsing area

Due to the smaller bowl size, a standard urinal uses up to **6 times less water than a WC pan**.

### Optimised time flow

DELABIE's urinal valves are more economical in terms of water than most of the valves available on the market. Time flow is set at **3 seconds** instead of the usual 7 seconds, resulting in up to 60% water consumption savings whilst maintaining appropriate hygiene levels.

### Efficiency

With a minimum flow rate of 0.15 L/sec. for 3 seconds, the water volume is 45cl which is enough to renew the water in a conventional trap. This flow rate can be adjusted during installation.

### Energy savings

DELABIE's time flow urinal valves operate completely autonomously with no need for an electrical supply. They **do not consume any power at all**.

### Ecological

DELABIE's time flow urinal valves are made from materials that are **100% recyclable** which ensures that the products receive the best ecological assessment in their category.

### Environmental labels

The water and energy saving performance of DELABIE's time flow urinal valves means that the buildings achieve the highest performance standards for international rating schemes such as LEED, BREEAM or HQE.

*For more information see page 8.*

## SPECIFICALLY DESIGNED FOR COMMERCIAL ENVIRONMENTS

### Superior endurance

The time flow mechanisms in DELABIE's urinal valves are hard-wearing.

The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, ensuring **reliable and durable timing**.

DELABIE's water controls perform to the highest standards. Each model is subjected to endurance tests under extreme conditions in endurance laboratories.

## TECHNICAL SOLUTIONS SUITABLE FOR ALL CONSTRAINTS

Public and commercial buildings have different requirements depending on the place of installation and type of user.

DELABIE has developed specific products to respond to a variety of challenges (comfort, design, new buildings, refurbishment, users with specific needs, etc.).

### Soft technology: soft-touch operation

DELABIE has developed time flow controls with a **soft-touch operation**.

Soft technology allows all users (children, the elderly or people with reduced mobility) to use the controls with no effort required.

**TEMPOSOFT 2** and **TEMPOFLUX** models are fitted with a priming system that requires half the effort to operate, compared to conventional controls.

### Waterproof recessing

Some models have a waterproof recessing housing (TEMPOSTOP and TEMPOFLUX models).

**TEMPOFLUX** features **DELABIE's newest generation of recessing housings**. This housing is 100% waterproof and can be installed on different fixtures (rails, solid walls, panels) and can be adapted to fit different wall thicknesses from 10 - 120mm.

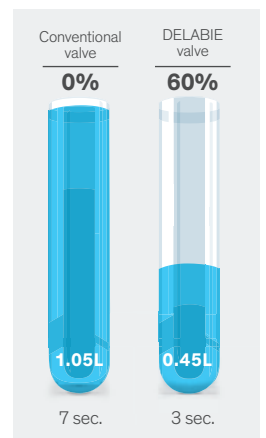
### Types of installation

For refurbishment projects in particular, the water supply, available pressure or the associated urinals can be a problem for the installer.

DELABIE offers urinal valves with **in-line** or **angled** inlet supply, with  $\frac{3}{4}$ " union (with ~7 seconds time flow) or  $\frac{1}{2}$ " union (with ~3 or 7 seconds time flow).



Optimised time flow



Water savings per use



Soft technology:  
soft-touch operation



Vandal-resistant



Endurance







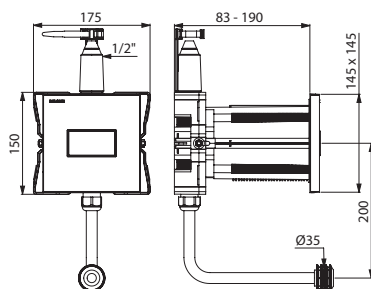
- **Water savings:** 60%
- **Comfort:** soft-touch operation
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

### TEMPOFLUX

Recessed time flow urinal valve



- **Satin finish stainless steel control plate 145 × 145mm.**
- **Chrome-plated metal button.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes from 10 - 120mm (while maintaining the minimum recessing depth of 83mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, filter and cartridge are all integrated and accessible from the front.
  - TEMPOFLUX F½" urinal valve is compatible with sea water, rain water and grey water.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- **Soft-touch operation.**
- **Time flow pre-set at ~3 seconds or ~7 seconds.**
- **Flow rate pre-set at 0.15 L/sec. at 3 bar,** can be adjusted up to 0.3 L/sec.
- Complies with European standard EN 12541 (class II acoustic level).
- Connection with Ø 35mm connection washer (for standard urinals) or ½" brass connection (for urinals supplied by flexible).
- For use with neck tube ref. 752430 or 757430.
- Suitable for people with reduced mobility.
- 10-year warranty.

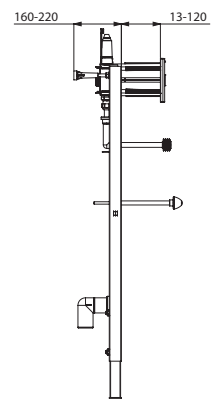
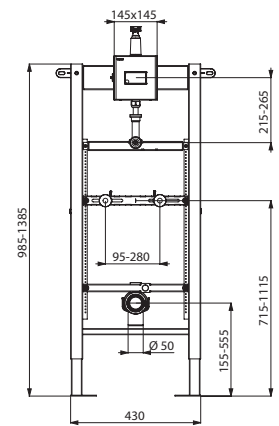


778BOX + 778700 + 752430

TEMPOFLUX recessed urinal valve in a waterproof housing		
Time flow ~3 seconds	<b>778BOX</b> <b>+ 778700</b>	<b>£132.00</b> <b>£192.94</b>
Time flow ~7 seconds	<b>778BOX</b> <b>+ 778707</b>	<b>£132.00</b> <b>£192.94</b>
Ø 35mm neck tube supply for urinals	<b>752430</b>	<b>£24.72</b>
Neck tube supply for urinals with flexible ½"	<b>757430</b>	<b>£46.29</b>

### TEMPOFIX 3 with TEMPOFLUX

Frame system with time flow urinal valve



543006 + 778700

- Black powder-coated steel frame for wall-mounted installation.
- Fixes to floor and load-bearing walls, anchoring bolts supplied.
- Adjustable bracket 100 - 280mm.
- Frame height can be adjusted from 0 - 200mm.
- Ø 50mm soil pipe with waterproof seal.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 13 - 120mm.**
- 10-year warranty.

Fitted with a TEMPOFLUX F½" time flow urinal valve (see opposite).

TEMPOFIX 3 with TEMPOFLUX urinal valve		
<b>Time flow ~3 seconds</b>		
For urinals Ø 35mm	<b>543006</b> <b>+ 778700</b>	<b>£507.53</b> <b>£192.94</b>
For urinals with flexible ½"	<b>543006D</b> <b>+ 778700</b>	<b>£507.53</b> <b>£192.94</b>
<b>Time flow ~7 seconds</b>		
For urinals Ø 35mm	<b>543006</b> <b>+ 778707</b>	<b>£507.53</b> <b>£192.94</b>
For urinals with flexible ½"	<b>543006D</b> <b>+ 778707</b>	<b>£507.53</b> <b>£192.94</b>





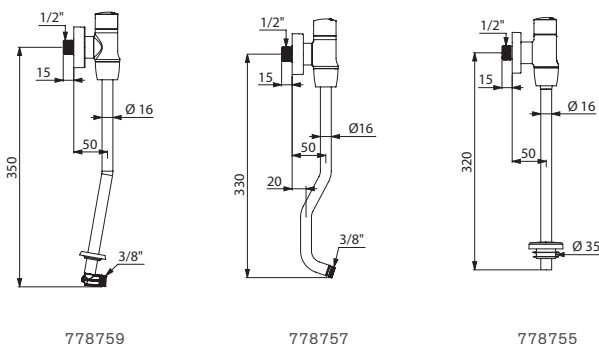
- **Water savings:** 60%
- **Comfort:** soft-touch operation
- **Simple to maintain:** innovative stopcock and flow rate adjustment system integrated in the wall plate

## TEMPOFLUX

Exposed time flow urinal valve



- For standard or siphon action urinals.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~3 seconds or ~7 seconds.**
- Flow rate pre-set at 0.15 L/sec. at 3 bar, can be adjusted up to 0.3 L/sec.
- **Innovative stopcock and flow rate adjustment system integrated in the wall plate (patented).**
- **Complies with European standard EN 12541** (class II acoustic level).
- Compatible with rain water.
- Chrome-plated solid brass body M1/2".
- With chrome-plated neck tube.
- Angled for recessed inlet.
- Suitable for people with reduced mobility.
- 10-year warranty.



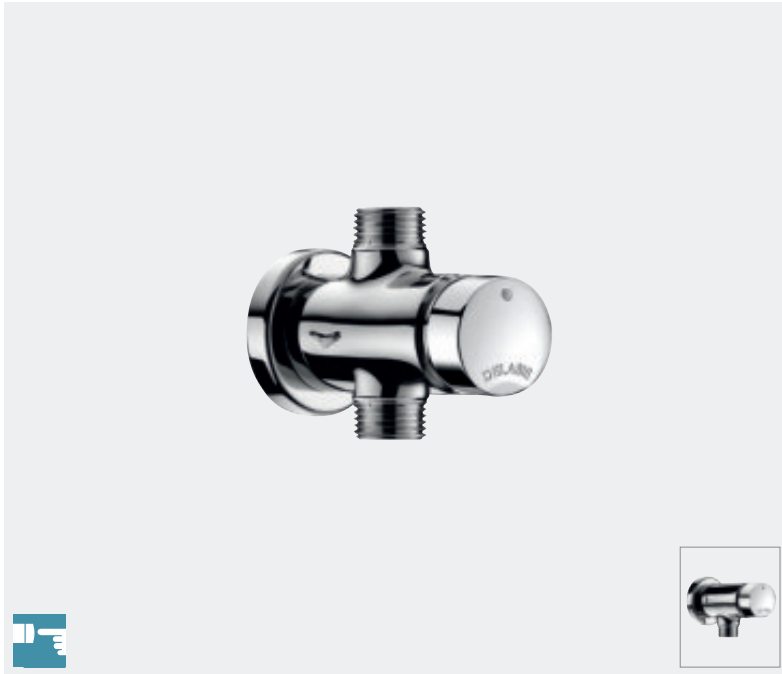
TEMPOFLUX exposed kit for DELABIE urinals		
<b>For FINO urinal</b>		
Time flow ~3 seconds	<b>778759</b>	<b>£162.40</b>
Time flow ~7 seconds	<b>778769</b>	<b>£162.40</b>
<b>For DELTA urinal</b>		
Time flow ~3 seconds	<b>778757</b>	<b>£162.40</b>
Time flow ~7 seconds	<b>778767</b>	<b>£162.40</b>
<b>For DELTACÉRAM urinal</b>		
Time flow ~3 seconds	<b>778756</b>	<b>£163.46</b>
Time flow ~7 seconds	<b>778766</b>	<b>£163.46</b>
<b>TEMPOFLUX exposed kit for urinals with rim</b>		
<b>For standard urinal</b> (50mm gap from wall) <i>(type ALLIA Blagnac or DURAVIT Jim, Starck, D-code or IDEAL STANDARD Axif or LAUFEN Caprino or ROCA Mini or VB O.Novo etc.)</i>		
Time flow ~3 seconds	<b>778755</b>	<b>£157.98</b>
Time flow ~7 seconds	<b>778765</b>	<b>£157.98</b>
<b>For non-standard urinal</b> (30mm gap from wall)		
Time flow ~3 seconds	<b>778754</b>	<b>£163.46</b>
Time flow ~7 seconds	<b>778764</b>	<b>£163.46</b>



- **Water savings:** 60%
- **Vandal-resistant:** solid brass, recessed version
- **Comfort:** soft-touch operation

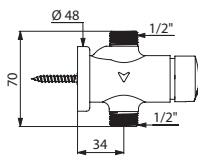
**TEMPOSOF 2**

Exposed time flow urinal valve

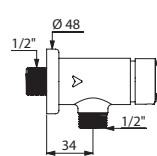


- For standard or siphon action urinals.
- **Soft-touch operation.**
- Compatible with rain water.
- **Time flow ~3 seconds or ~7 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated solid brass body M1/2".
- Suitable for people with reduced mobility.
- 10-year warranty.

*The recessed version of this urinal valve does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



777800

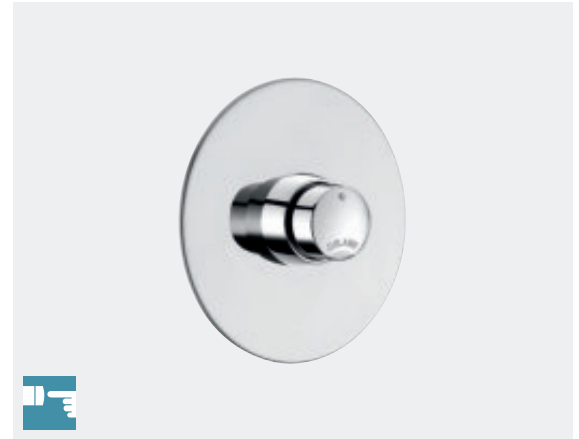


778800

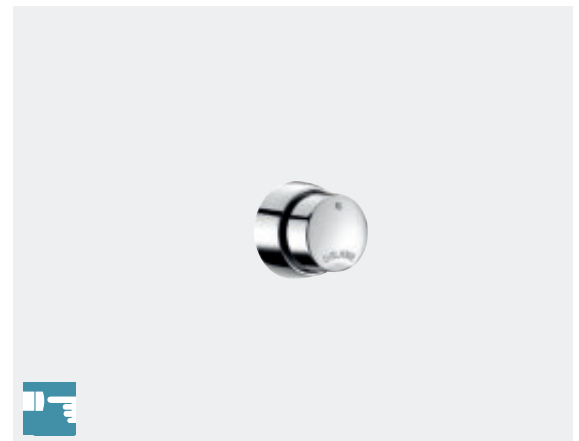
TEMPOSOF 2 exposed urinal valve		
<b>Time flow ~3 seconds</b>		
Straight for in-line inlets	<b>777800</b>	<b>£84.73</b>
Angled for recessed inlets	<b>778800</b>	<b>£78.37</b>
<b>Time flow ~7 seconds</b>		
Straight for in-line inlets	<b>777807</b>	<b>£84.73</b>
Angled for recessed inlets	<b>778807</b>	<b>£78.37</b>
<b>Options:</b> unions and neck tubes (see page 190)		

**TEMPOSOF 2**

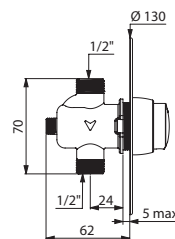
Wall-mounted recessed time flow urinal valve



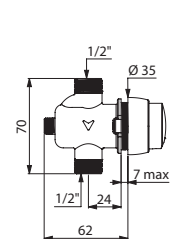
- TEMPOSOF 2 recessed time flow urinal valve:**
- Bright polished stainless steel wall plate Ø 130mm.
  - Spacing can be adjusted from 1 - 5mm.



- TEMPOSOF 2 time flow urinal valve for panels:**
- For panels or dry wall installation up to 7mm maximum.



777130



777140

TEMPOSOF 2 urinal valve, recessed or for panels		
Recessed behind a wall plate	<b>777130</b>	<b>£121.09</b>
For panels or dry walls	<b>777140</b>	<b>£95.14</b>
<b>Options:</b> unions and neck tubes (see page 190)		





- **Water savings:** 60%
- **Vandal-resistant:** recessed or cross wall installation

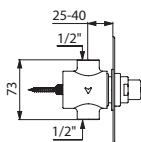
**TEMPOSTOP**

Recessed time flow urinal valve



- For standard or siphon action urinals.
- For recessed installation.
- Recessing depth can be adjusted.
- Stainless steel plate Ø 130mm.
- Compatible with rain water.
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 0.25 L/sec.** at 3 bar, can be adjusted.
- Solid brass body F1/2".
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



779128

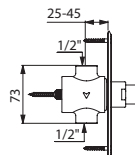
**TEMPOSTOP**

Recessed time flow urinal valve



- For standard or siphon action urinals.
- For recessed installation.
- Recessing depth can be adjusted.
- Stainless steel plate 160 × 160mm.
- Compatible with rain water.
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 0.25 L/sec.** at 3 bar, can be adjusted.
- Solid brass body F1/2".
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



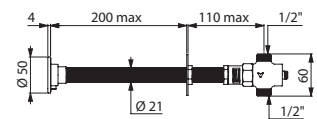
779427

**TEMPOSTOP**

Cross wall time flow urinal valve



- For standard or siphon action urinals.
- For walls ≤ 200mm.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated metal body M1/2".
- Control base plate with anti-rotating pin.
- Connecting nut.
- Threaded rod can be cut to size.
- 10-year warranty.



777110

TEMPOSTOP recessed valve with plate	779128	£149.47
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TEMPOSTOP recessed valve with plate	779427	£166.03
Option: tamperproof screws (see page 275)		

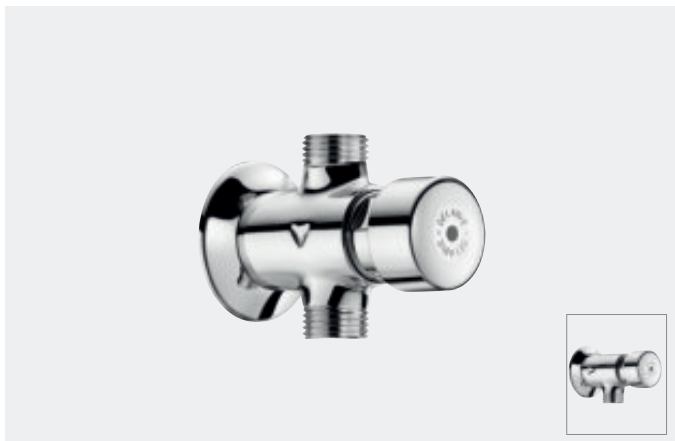
TEMPOSTOP cross wall urinal valve	777110	£120.45
Alternative cross wall lengths are available on request		



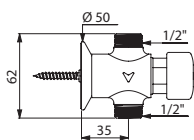
- **Water savings:** 60%
- **Vandal-resistant:** chrome-plated solid brass

### TEMPOSTOP

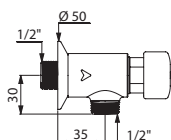
Exposed time flow urinal valve M $\frac{1}{2}$ "



- For standard, siphon action, or stall urinals.
- For wall-mounted, exposed installation.
- Compatible with rain water.
- **Time flow ~3 seconds** or ~7 seconds.
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated solid brass body M $\frac{1}{2}$ ".
- Wall plate.
- 10-year warranty.



777000



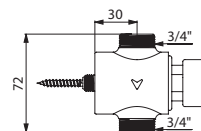
778000

### TEMPOSTOP

Exposed time flow urinal valve M $\frac{3}{4}$ "



- For siphon action urinals.
- For wall-mounted, exposed installation.
- Compatible with rain water.
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 0.25 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated solid brass body M $\frac{3}{4}$ ".
- Straight for in-line inlets.
- 10-year warranty.



779000

#### TEMPOSTOP exposed urinal valve M $\frac{1}{2}$ "

##### Time flow ~3 seconds

Straight for in-line inlets	<b>777000</b>	<b>£71.09</b>
Angled for recessed inlets	<b>778000</b>	<b>£78.37</b>

##### Time flow ~7 seconds

Straight for in-line inlets	<b>777007</b>	<b>£71.09</b>
Angled for recessed inlets	<b>778007</b>	<b>£78.37</b>

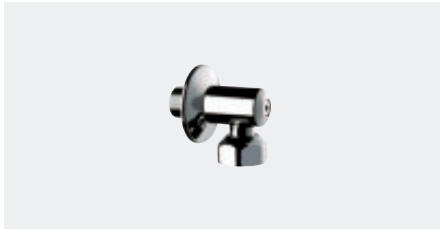
**Options:** unions and neck tubes (see page 190)

<b>TEMPOSTOP exposed urinal valve M<math>\frac{3}{4}</math>"</b>	<b>779000</b>	<b>£109.83</b>
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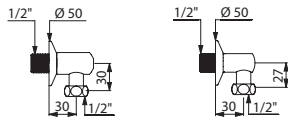
**Options:** unions and neck tubes (see page 190)

**Elbow union**

With or without stopcock



- Retractable nut.
- Chrome-plated brass.
- L. 30mm.
- 10-year warranty.



836015

838015

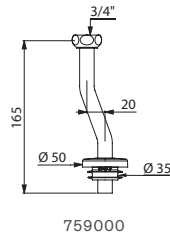
Elbow STOP union with stopcock		
MF 1/2", H. 30mm	<b>836015</b>	<b>£47.00</b>
M 1/2" - F 3/4", H. 30mm ± 2mm	<b>836020</b>	<b>£47.56</b>
Elbow union without stopcock		
MF 1/2", H. 27mm	<b>838015</b>	<b>£32.87</b>
M 1/2" - F 3/4", H. 29mm	<b>838020</b>	<b>£34.58</b>

**Neck tube**

For siphon action urinals



- **F 3/4" Ø 35mm.**
- IDEAL STANDARD Prival 3803.
- NOVOBOCH Mistal or Vasco.
- ROCA Mural.
- SELLES 8620 or Mistal.
- VILLEROY & BOCH Targa 7502/7504 or Esta 7508.
- 10-year warranty.



759000

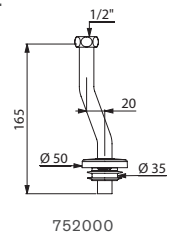
<b>Neck tube F 3/4" Ø 35mm</b>	<b>759000</b>	<b>£37.84</b>
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**Neck tube**

For standard or siphon action urinals



- **F 1/2" Ø 35mm.**
- ALLIA GEBERIT Satolas 43650/43651 or Blagnac 3560.
- DURAVIT Ben 848.7, Pago 839.6, Jim or Neiße.
- IDEAL STANDARD Pindard.
- LAUFEN Como.
- NOVOBOCH Oural 600.
- PORCHER Axif.
- SELLES Euroline.
- SPHINX Eurobase.
- VILLEROY & BOCH Java, Toboga, Troja, Magnum, Targa, Esta.
- 10-year warranty.



752000

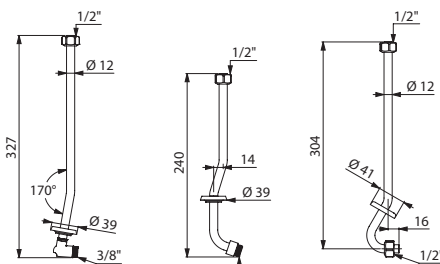
<b>Neck tube F 1/2" Ø 35mm</b>	<b>752000</b>	<b>£34.02</b>
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**Neck tube**

For DELABIE urinals



- **F 1/2".**
  - DELABIE FINO, DELTA or DELTACÉRAM.
  - 10-year warranty.
- For matching urinals see DELABIE "Stainless Steel Sanitary Ware" catalogue (Doc 750UK).



757135

757162

757118

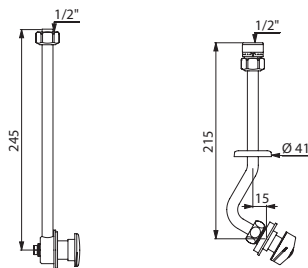
Neck tube F 1/2", for DELABIE urinals		
FINO	<b>757135</b>	<b>£49.29</b>
DELTA	<b>757162</b>	<b>£61.37</b>
DELTACÉRAM	<b>757118</b>	<b>£46.11</b>

**Neck tube**

For ALLIA / SELLES urinals



- **F 1/2" with water nozzle.**
- ALLIA GEBERIT Aubagne, Amigo 3645.
- SELLES 8418.
- 10-year warranty.



751000

758645

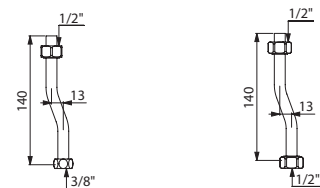
Neck tube F 1/2", for ALLIA / SELLES urinals		
ALLIA/GEBERIT Aubagne, SELLES 8418	<b>751000</b>	<b>£48.41</b>
ALLIA/GEBERIT Amigo 3645	<b>758645</b>	<b>£86.67</b>

**Neck tube**

For I.S. / PORCHER urinals



- IDEAL STANDARD Exposed 3873.
- PORCHER Exposed 2642/2651, HygieniQ.
- 10-year warranty.



753000

753395

Neck tube F 1/2", for I.S. / PORCHER urinals		
IDEAL STANDARD F 1/2" - F 3/8" Exposed 3873	<b>753000</b>	<b>£22.53</b>
PORCHER F 1/2" - F 3/8" Exposed 2641/2651		
PORCHER F 1/2" HygieniQ	<b>753395</b>	<b>£29.76</b>

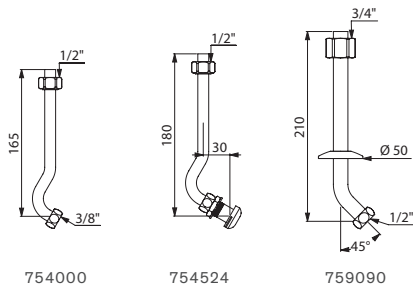


**Neck tube**

For JACOB DELAFON urinals



- JACOB DELAFON Coquille 2-1519, Patio.
- 10-year warranty.



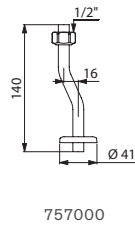
Neck tube for JACOB DELAFON urinals		
Coquille 2-1519 F $\frac{1}{2}$ " without water nozzle	<b>754000</b>	<b>£25.09</b>
Coquille 2-1519 F $\frac{1}{2}$ " with water nozzle	<b>754524</b>	<b>£54.05</b>
Patio F $\frac{3}{4}$ "	<b>759090</b>	<b>£47.77</b>

**Neck tube**

For ROCA urinals



- F $\frac{1}{2}$ ".
- ROCA Urito.
- 10-year warranty.



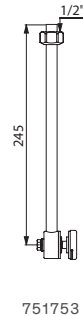
Neck tube F $\frac{1}{2}$ ", for ROCA urinals	<b>757000</b>	<b>£26.01</b>
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**Neck tube**

For VILLEROY & BOCH urinals



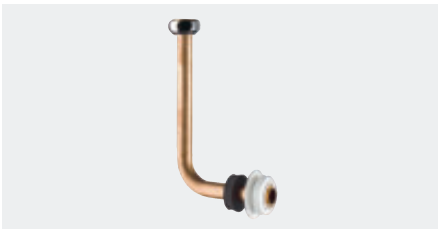
- F $\frac{1}{2}$ ".
- VILLEROY & BOCH Losange 7530.
- With water nozzle.
- 10-year warranty.



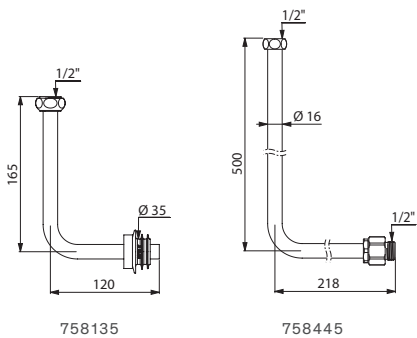
Neck tube F $\frac{1}{2}$ ", for VILLEROY & BOCH urinals	<b>751753</b>	<b>£64.58</b>
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**Recessed inlet**

For standard or siphon action urinals



- 10-year warranty.

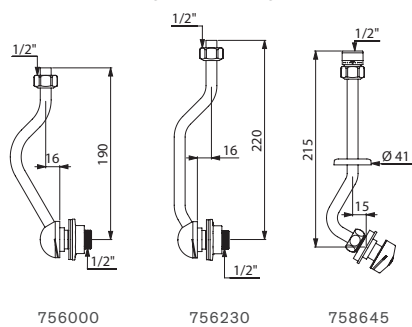


Recessed inlet		
Recessed neck tube F $\frac{1}{2}$ " Ø 35mm	<b>758135</b>	<b>£42.36</b>
Recessed neck tube F $\frac{1}{2}$ " - M $\frac{1}{2}$ "	<b>758445</b>	<b>£42.32</b>
Recessed union M $\frac{1}{2}$ " Ø 35mm	<b>758035</b>	<b>£21.57</b>

**Neck tube for stalls**

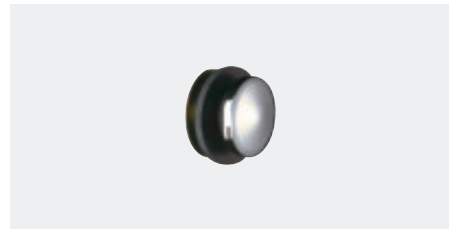


- F $\frac{1}{2}$ ".
- Water nozzle. 10-year warranty.

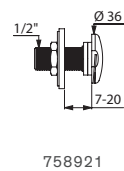


Neck tube for stalls		
SELLES 452, ALLIA/GEBERIT Montceau 007350	<b>756000</b>	<b>£57.97</b>
J.D. Murale 2 - N498, Boissière 2 - N478	<b>756230</b>	<b>£60.41</b>
ALLIA/GEBERIT Montceau 007390, SELLES 0467	<b>758645</b>	<b>£86.67</b>

**Water nozzle for stalls**



- 10-year warranty.



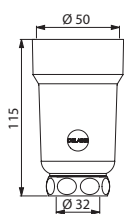
Water nozzle for stalls		
M $\frac{3}{8}$ "	<b>758021</b>	<b>£31.04</b>
M $\frac{1}{2}$ "	<b>758921</b>	<b>£31.04</b>

**SIPHURINOIR**

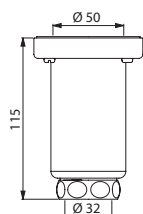
Urinal trap



- Vertical urinal trap Ø 50mm.
- Outlet Ø 32mm with nut.
- 50mm water level.
- 10-year warranty.



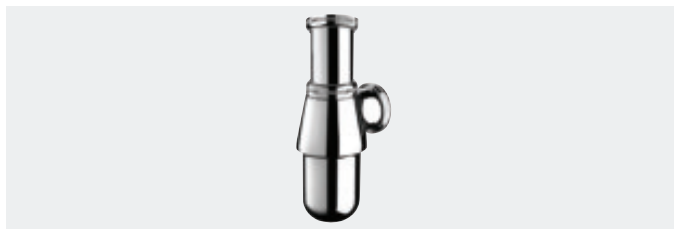
771000



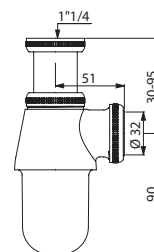
310000

SIPHURINOIR		
Chrome-plated ABS - with lip seal	<b>771000</b>	<b>£40.32</b>
Chrome-plated brass - with compression seal	<b>310000</b>	<b>£107.53</b>

**Bottle urinal trap with horizontal outlet**



- Inlet F1¼".
- Horizontal outlet Ø 32mm with nut.
- Water level 50mm.
- Chrome-plated brass.
- 10-year warranty.



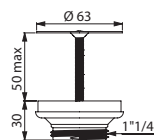
517000

<b>Bottle trap with horizontal outlet</b>	<b>517000</b>	<b>£62.29</b>
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**Urinal waste**



- Stainless steel grid Ø 63mm to cover a hole of Ø 54mm maximum.
- Outlet M1¼".
- Central screw.
- 10-year warranty.



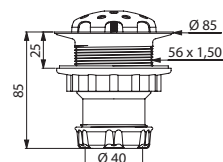
580000

<b>Urinal waste</b>	<b>580000</b>	<b>£12.78</b>
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**Stall waste**



- With integrated trap.
- With stainless steel inlet filter and polypropylene body.
- Outlet Ø 40mm with nut.
- 10-year warranty.



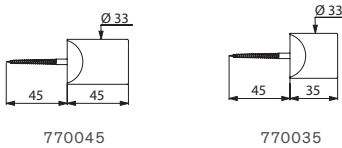
785000

<b>Stall waste</b>	<b>785000</b>	<b>£42.43</b>
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### Corner wedge



- For TEMPOSTOP (ref. 777000 and 777007) or TEMPOSOFT 2 (ref. 778800 and 778807) on corner-mounted urinals.
- 10-year warranty.

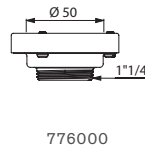


Corner wedge		
ALLIA Aubagne 3640, Satolas 43610	770045	£39.49
VILLEROY & BOCH Troja 7540		
IDEAL STANDARD Exposed 3874	770035	£39.49
JACOB DELAFON Coquille 2, 1516		
LAUFEN Como		
PORCHER Exposed 2651		

### Urinal outlet



- Inlet Ø 50mm with compression seal.
- Outlet M1¼".
- Chrome-plated brass.
- 10-year warranty.

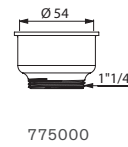


Urinal outlet	776000	£64.81
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### Urinal outlet to seal



- To seal.
- Inlet Ø 54mm.
- Outlet M1¼".
- Chrome-plated brass.
- 10-year warranty.



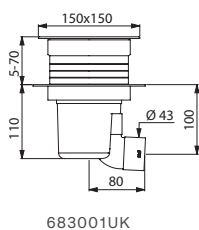
Urinal outlet	775000	£23.55
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### Floor trap 150 × 150mm

For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel plate and grid 150 × 150mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 70mm with extension.
- 10-year warranty.



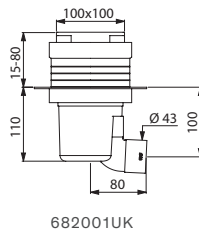
Floor trap 150 × 150mm	683001UK	£97.86
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### Floor trap 100 × 100mm

For tiled or concrete floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid 100 × 100mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 80mm with extension.
- 10-year warranty.



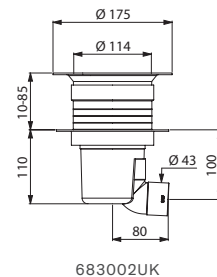
Floor trap 100 × 100mm	682001UK	£57.59
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### Floor trap Ø 114mm

For soft or vinyl floors



- Flow rate 36 lpm (meets standards).
- Water level 50mm.
- Bright polished stainless steel grid Ø 114mm.
- Horizontal outlet Ø 43mm integrated into the height of the floor trap.
- Height adjusts up to 85mm with extension.
- 10-year warranty.



Floor trap Ø 114mm	683002UK	£73.71
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## DELABIE / Recommendations by type of urinal

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS					ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC battery-operated	TEMPOMATIC mains supply	+ Neck tube	+ Trap Waste
ALLIA - SELLES - GEBERIT	AMIGO	03645	in-line	777000	777800	758645	771000	-	479410	-	758645	771000
	AMIGO	03645	angled	778000	778800	758645	771000	-	479411	-	758645	771000
	AGORA	83621	recessed	779128	-	-	-	-	-	-	-	-
	AUBAGNE 2	03639	in-line	777000	777800	751000	517000	-	479410	-	751000	517000
	AUBAGNE 2	03639	angled	778000	778800	751000	517000	-	479411	-	751000	517000
	AUBAGNE 2 D'ANGLE	03639	in-line	777000 + 770045	778000 + 770045	751000	517000	-	-	-	-	-
	BLAGNAC	03560	in-line	777000	777800	752000	-	777015	479410	-	752000	-
	BLAGNAC 2	03580		-	-	-	-	-	-	-	-	
	BLAGNAC	03560	angled	778000	778800 or 778755	752000	-	-	479412	-	-	-
	BLAGNAC 2	03580		-	-	-	-	-	-	-	-	
	BLAGNAC	03570	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	BLAGNAC 2	03590		-	-	-	-	-	-	-	-	
	MONTCEAU	07350	in-line	777000	777800	756000	785000	-	479410	-	756000	785000
	MONTCEAU	07350	angled	778000	778800	756000	785000	-	479411	-	756000	785000
	MONTCEAU	07350	recessed	779427 + 758021	-	-	785000	-	-	-	-	-
	MONTCEAU MURALE	07390	in-line	777000	777800	758645	785000	-	479410	-	758645	785000
	MONTCEAU MURALE	07390	angled	778000	778800	758645	785000	-	479411	-	758645	785000
	NOGENT 2	03629	in-line	777000	777800	750000	517000	-	479410	-	750000	517000
	NOGENT 2	03629	angled	778000	778800	750000	517000	-	479411	-	750000	517000
	NOGENT 2 D'ANGLE	03629	in-line	777000 + 770045	777800 + 770045	750000	517000	-	-	-	-	-
	ROISSY	0836411	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430006	430SBOX + 430010	752430	-
	ROISSY	0836410	recessed	-	778BOX + 778700	-	-	-	430PBOX + 430006	430SBOX + 430010	-	-
	SATOLAS D'ANGLE	03610	in-line	-	-	-	-	777015 + 770045	-	-	-	-
	SATOLAS	03620	recessed	779128	-	-	-	-	-	-	-	-
SATOLAS	03650	in-line	777000	777800	752000	-	777015	479410	-	752000	-	
SATOLAS	03650	angled	777000	777800 or 778755	752000	-	-	479412	-	-	-	
SATOLAS	03660	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-	
DELABIE	DELTA	134770 164770	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	DELTA	134170	in-line	777000	777800	757162	-	-	479410	-	757162	-
	DELTA	134170	angled	778000	778800 or 778757	757162	-	-	479414	-	-	-
	DELTACÉRAM	134718	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	DELTACÉRAM	134118	in-line	777000	777800	757118	-	-	479410	-	757118	-
	DELTACÉRAM	134118	angled	778000	778800 or 778756	757118	-	-	479415	-	-	-
	FINO	135710	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	FINO	135110	in-line	777000	777800	757135	-	-	479410	-	757135	-
	FINO	135110	angled	778000	778800 or 778759	757135	-	-	479413	-	-	-
	STALLE L	130200 130210 130220	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	STALLE LP	130300 130310 130320	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430006	430SBOX + 430000	757430	-
	Wall-mounted trough urinal	130100 130110 130120	exposed	-	-	-	-	-	-	487620	-	-

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS					ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC battery-operated	TEMPOMATIC mains supply	+ Neck tube	+ Trap Waste
DURAVIT	ARCHITEC	82037	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		81737 81937	in-line	777000	777800	752000	-	777015	479410	-	752000	-
		81737 81937	angled	778000	778800 or 778755	752000	-	-	479411 or 479412	-	752000	-
	BEN	84737	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		84737	in-line	777000	777800	752000	-	777015	479410	-	752000	-
		84737	angled	778000	778800 or 778755	752000	-	-	479411 or 479412	-	752000	-
	BILL	85135	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	DURAPLUS	83036	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	DURASTYLE	280630	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		280430		-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	D-CODE	82830066 82830067	in-line	777000	777800	-	-	-	479410	-	-	-
		82830066 82830067	angled	778000	778800	-	-	-	479411	-	-	-
		82930	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
	FIZZ	82336	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	JIM	85035	in-line	777000	777800	752000	-	777015	479410	-	752000	-
		85035	angled	778000	778800 or 778755	752000	-	-	479411 or 479412	-	752000	-
	RIMLESS	281530	in-line	777000	777800	752000	-	777015	479410	-	752000	-
		281530	angled	778000	778800	752000	-	-	479411 or 479412	-	752000	-
	STARCK	82135 83432	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
		82725		-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-
		82235	angled	778000	778800 or 778755	752000	-	-	479411 or 479412	-	752000	-
		826250066 826250067	in-line	777000	777800	-	-	-	479410	-	-	-
		826250066 826250067	angled	778000	778800	-	-	-	479411	-	-	-
VERO	280032	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-	
THUN	280430	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-	
	280530	in-line	777000	777800	752000	-	777015	479410	-	752000	-	
	280580	angled	778000	778800 or 778755	752000	-	-	479411 or 479412	-	752000	-	
STRUKTURA	EZA022	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-	
J. DELAFON	STALLE MURALE 2	EN498	in-line	777000	777800	756230	785000	-	479410	-	756230	785000
	COQUILLE 2	E1519	in-line	777000	777800	754524	517000 580000	-	479410	-	754524	517000 580000
	COQUILLE 2	E1519	angled	778000	778800	754524	517000 580000	-	479411	-	754524	517000 580000
	ODEON	E1147	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	PATIO	E1545 E1546	in-line	779000	-	759090	-	-	479410	-	759090	-
	PATIO	E1548	recessed	-	778BOX + 778700	757430	-	-	430PBOX + 430016	430SBOX + 430010	757430	-

## DELABIE / Recommendations by type of urinal

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS					ELECTRONIC CONTROLS				
				Classic TEMPOSTOP	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC battery-operated	TEMPOMATIC mains supply	+ Neck tube	+ Trap Waste	
LAUFEN	CAPRINO	842061	recessed	-	778BOX + 778700	752430	-	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	CAPRINO	842062	in-line	777000	777800	752000	-	777015	479410	-	-	752000	-
	CAPRINO	842062	angled	778000	778800 or 778755	752000	-	-	-	479412	-	-	-
PORCHER - IDEAL STANDARD	APPLIQUE	P2641	in-line	777000	777800	753000	517000 580000	-	-	479410	-	753000	517000 580000
	APPLIQUE	P2641	angled	778000	778800	753000	517000 580000	-	-	479411	-	753000	517000 580000
	APPLIQUE D'ANGLE	P2651	in-line	777000 + 770035	777800 + 770035	753000	517000 580000	-	-	-	-	-	-
	AXIF	P2681	in-line	777000	777800	752000	-	777015	479410	-	-	752000	-
	AXIF	P2681	angled	778000	778800 or 778755	752000	-	-	-	479412	-	-	-
	AXIF	P2682	recessed	-	778BOX + 778700	752430	-	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	CONNECT	E8166		-	-	-	-	-	-	-	-	-	-
	AXIF +	E5706	in-line	777000	777800	752000	-	777015	479410	-	-	752000	-
	AXIF +	E5706	angled	778000	778800 or 778755	752000	-	-	-	479412	-	-	-
	AXIF +	E5705	recessed	-	778BOX + 778700	752430	-	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	CONQUE	P9870	in-line	777000	777800	-	517000	-	-	479410	-	-	517000
	CONQUE	P9870	angled	778000	778800	-	517000	-	-	479411	-	-	517000
	HYGIENIQ	S6123	in-line	777000	777800	753395	-	-	-	479410	-	753395	-
	HYGIENIQ	S6123	angled	778000	778800	753395	-	-	-	479411	-	753395	-
STALLE STELLA 3	J5137	in-line	777000	777800	756230	785000	-	-	479410	-	756230	785000	
STALLE STELLA 3	J5137	angled	778000	778800	756230	785000	-	-	479411	-	756230	785000	
ROCA	MINI	353145000	in-line	777000	777800	752000	771000	-	-	479410	-	752000	771000
	MINI	353145000	angled	778000	778800 or 778755	752000	771000	-	-	479412	-	-	771000
	MURAL	353330001	in-line	779000	-	759000	-	-	-	479410	-	752000	-
	HALL	A353623000	recessed	-	778BOX + 778700	752430	-	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	SITE	A359605000		-	-	-	-	-	-	-	-	-	-
	SPUN	A353147000 A353148000		-	-	-	-	-	-	-	-	-	-
	SITE	A359607000	in-line	777000	777800	752000	-	777015	479410	-	-	752000	-
	SPUN	A353149000	-	-	-	-	-	-	-	-	-	-	-
	SITE	A359607000	angled	778000	778800 or 778755	752000	-	-	-	479412	-	-	-
SPUN	A353149000	-		-	-	-	-	-	-	-	-	-	
SPHINX	EUROBASE	75	in-line	777000	777800	752000	-	777015	479410	-	-	752000	-
	EUROPA	85		-	-	-	-	-	-	-	-	-	-
	EUROBASE	75	angled	778000	778800 or 778755	752000	-	-	-	479412	-	-	-
	EUROPA	85		-	-	-	-	-	-	-	-	-	-
	EUROBASE	70	recessed	-	778BOX + 778700	752430	-	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	EUROPA	80		-	-	-	-	-	-	-	-	-	-
	ANTIBES	-		-	-	-	-	-	-	-	-	-	-
EUROPA	55	in-line	779000	-	759000	776000	-	-	479410	-	752000	776000	

Having selected a urinal brand and model, choose the associated water control equipment in the table below

Brand	Model	Reference	Connection	TIME FLOW CONTROLS					ELECTRONIC CONTROLS			
				Classic TEMPOSTOP	Soft TEMPOSOFT TEMPOFLUX	+ Neck tube	+ Trap Waste	or complete kit TEMPOSTOP	TEMPOMATIC battery-operated	TEMPOMATIC mains supply	+ Neck tube	+ Trap Waste
VILLEROY & BOCH	O.NOVO	7502	in-line	779000	-	759000	-	-	479410	-	752000	-
	TARGA PRO	7502										
	TARGA ARCHITECT.	5573										
	TARGA CLASSIC	7526										
	ARCHITECTURE	5586	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	TARGA PRO	7503										
	TARGA CLASSIC	7507										
	TARGA CLASSIC	7527										
	TARGA COMPACT	7557										
	O.NOVO	7513	in-line	779000	-	759000	776000	-	479410	-	752000	776000
	SUBWAY	7519										
	O.NOVO	7504	in-line	779000	-	759000	776000	-	479410	-	752000	776000
	O.NOVO	7508	in-line	777000	777800	752000	-	777015	479410	-	752000	-
	O.NOVO	7508	angled	778000	778800 or 778755	752000	-	-	479412	-	-	-
	LOSANGE TARGA PRO	7530	in-line	777000	777800	751753	517000 580000	-	-	-	-	-
LOSANGE TARGA PRO	7530	angled	778000	778800 or 778755	751753	517000 580000	-	-	-	-	-	
VITRA	ARKITEKT	6202	in-line	777000	777800	752000	-	777015	479410	-	752000	-
		S50										
		5330-1069										
	ARKITEKT	6202	angled	778000	778800	752000	-	-	479412	-	-	-
		S50										
		5330-1069										
	ARKITEKT	6563	in-line	779000	-	759000	-	-	479410	-	752000	-
		S20										
		5462-1069										
	ARKITEKT	6201	recessed	-	778BOX + 778700	752430	-	-	430PBOX + 430016	430SBOX + 430010	752430	-
	S20											
	5462-0309											
MATRIX	5128	recessed	779128	-	-	-	-	-	-	-	-	
RETRO	5218		+ 758035									



DELABIE



# WCs with direct flush systems: Valves and frame systems without cisterns

SOLUTIONS FOR WCs  
WITH DIRECT  
FLUSH SYSTEMS

**201**

ELECTRONIC  
FLUSH VALVES  
AND FRAME SYSTEMS

**211**



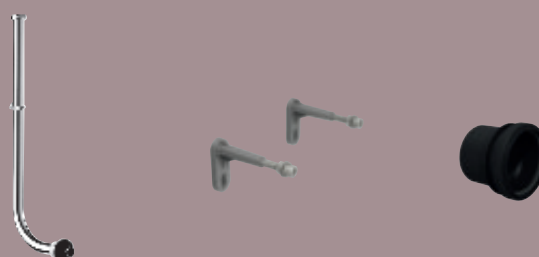
TIME FLOW  
FLUSH VALVES  
AND FRAME SYSTEMS

**223**



ADDITIONAL  
FITTINGS

**242**





TEMPOFIX 3 frame system with TEMPOFLUX 3 time flow direct flush system **564065DE + 763030** - S21 S wall-hung WC **110310BK** - Slimline toilet seat **102819**  
Toilet brush **4051BK** - Toilet roll holder **510083BK** - Coat hook **4043BK**

## DIRECT FLUSH SYSTEMS, WITHOUT CISTERNS: A PUBLIC WASHROOM REVOLUTION

Not suitable for intensive use, WCs with cisterns were designed for domestic use and are a source of recurring problems in public buildings.

Susceptible to scale build-up, and noisy, they encourage the proliferation of bacteria and pose a permanent risk of leaks when used in public and commercial environments.

Performing efficiently and designed for intensive use, **WC direct flush is the only toilet installation that is built for public and commercial buildings.**

Since there is no cistern, the direct flush WC system avoids water stagnation as well as the build up of scale or impurities in the installation. It is, therefore, much more hygienic than WCs with a cistern, preventing the risk of bacterial development, and ensuring complete comfort for the user thanks to its **highly efficient flush.**

It connects directly to the water system, so there is no refill time, and the flush can be activated without having to wait for the cistern to fill. Perfect for **successive uses**, the WC direct flush system also has an **impressively short rinse time** (just a few seconds). Say goodbye to noisy toilets!

Developed specifically for use in public buildings, and compliant with new environmental regulations, **direct flush provides the best combination of quality/durability/price for this type of environment.**

Aware that new consumption trends linked to eco-responsibility issues have a major impact on public places, such as the service sector, DELABIE has designed a **range of direct flush systems which allow optimised water consumption** and which are also eligible for the highest levels of ecological accreditation such as BREEAM, LEED and HQE.

**By removing the need for a cistern - the primary source of leaks in WCs - direct flush also reduces the waste of cold water.**



**TEMPOMATIC**  
Satin stainless steel, dual control  
Ref.: 464000



**TEMPOMATIC**  
Satin stainless steel, electronic  
Ref.: 465000



**TEMPOFLUX 3**  
Black glass, 3L/6L  
Ref.: 763030



**TEMPOFLUX 3**  
Satin stainless steel 3L/6L  
Ref.: 763000



**TEMPOFLUX 3**  
Chrome-plated metal, 3L/6L  
Ref.: 763040



**TEMPOFLUX 3**  
Chrome-plated metal, 6L  
Ref.: 763041

### WCS IN PUBLIC AND COMMERCIAL BUILDINGS: 7 REASONS TO SAY GOODBYE TO CISTERNS

#### Hygiene

Connected directly to the water system, **direct flush operates without a cistern**. Therefore there is no water stagnation which also avoids impurity deposits and bacterial development. Direct flush guarantees **total hygiene**.



DELABIE electronic flush systems for WCs prevent the spread of germs by hand thanks to their **touch-free control**. Also equipped with a **hygienic duty flush programme**, they renew the water in the pipework if not used for prolonged periods to limit bacterial development.



#### Available immediately

With direct flush **there is no need to wait** for the cistern to refill before flushing again.

Directly connected to the water system, **the flush is always available, even for successive flushes**. It is therefore, particularly suited to **intensive use** in public places.



#### Water savings

DELABIE WC direct flush **optimises water consumption**. This system reduces the risk of leaks considerably, unlike cisterns which are the largest source of wasted water and which result in significant water bills.

For example, **a small leak from a cistern can lead to a loss of 220m<sup>3</sup> of water** a total cost of £651 per year (cost per m<sup>3</sup> for cold water: £2.96, source: Thames Water website [thameswater.co.uk](http://thameswater.co.uk)). **Therefore, direct flush avoids this unnecessary consumption.**

Some DELABIE direct flush systems have a 3L/6L dual flush which can be adjusted to 2L/4L, to meet the requirements of environmental labels (see page 8).

DELABIE has developed an **"automatic intelligent flush"** programme which determines the need for a smaller or larger flush volume depending on use. This allows the correct consumption of water according to need and **avoids waste** while guaranteeing optimal cleanliness.



#### Limited and simplified maintenance

Designed for domestic use, cisterns have fragile mechanisms. Conversely, direct flush systems are **specifically designed for public and commercial places**. Perfectly able to withstand intensive use as well as vandalism, it is essential for public washrooms.

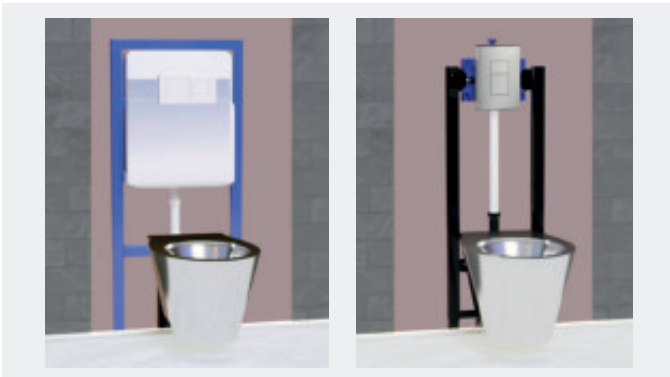
DELABIE mechanisms are **extremely robust**. Subjected to endurance tests, they are able to withstand over **500,000 operations**. The battery lifespan, for battery-operated versions, is 3 to 6 years depending on the frequency of use, i.e. approximately **350,000 uses**.

**Maintenance** on DELABIE products is, therefore, **infrequent** and is also **easy to undertake**. Maintenance access is from the front.



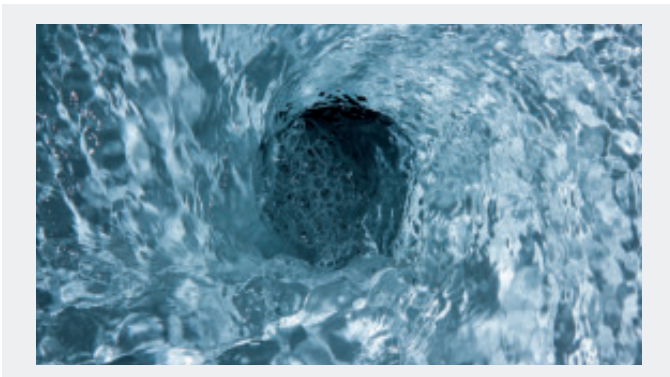
**Space saving**

Thanks to the **absence of a cistern**, direct flush allows **significant space saving**. DELABIE frame systems are also very compact, which is a real advantage for buildings seeking to optimise space.



**Efficiency**

Connected directly to the water system, direct flush **uses the system's water pressure** to flush the WC pan. As a result, the **flush is more powerful and more effective** compared to a cistern flush. Direct flush guarantees optimum cleanliness.



**Wide, design-led range**

At DELABIE, aesthetics play a major role in product development. The design must be able to **adapt to any type of environment**, as well as being both durable and reliable. This is why DELABIE offers a **wide range of WC valves**: electronic, time flow, exposed, recessed, cross wall and with or without a frame system. A variety of finishes are also available (satin, chrome, or even black glass). This wide range of DELABIE solutions allows all the requirements of public and commercial buildings to be met.



WCs

**SIZING HORIZONTAL FINAL PIPEWORK**

DTU update (August 2013)

**Simultaneous use**

The DTU (*Unified Technical Document*) confirms the **special calculation method for direct flush valves**.

The operating time is very short (a few seconds) and there is no refill time.

So calculations for pipe diameters for direct flush systems are not made in the same ways as for cistern flush systems.

The DTU recommends the following method for direct flush valves:

Number of valves installed	Number of valves used simultaneously
3 valves	1 valve
4 to 12 valves	2 valves
13 to 24 valves	3 valves
25 to 50 valves	4 valves
> 50 valves	5 valves

**DIRECT FLUSH SYSTEMS:  
A RAPID RETURN ON INVESTMENT**

WCs with cisterns are still often installed in public places, in particular, because the initial investment may seem lower. However, the initial saving ultimately turns out to be very costly, very quickly.

The many advantages of the WC direct flush system - improved hygiene, fewer leaks, water savings, reduced maintenance and easy servicing - very quickly make the product better value.

By switching to a direct flush system, gains can be made on several levels:

- **Fewer water leaks** (which can reach 220m<sup>3</sup> per year per WC).
- **Fewer maintenance interventions:** there are multiple components that need to be changed regularly on cistern-flush systems such as: fragile mechanisms which cannot withstand scale, control plates that break since they are not designed for intensive use or vandalism, etc.  
Direct flush valves are equipped with scale and shock-resistant mechanisms with 10-year warranties.
- **Less labour is required** to repair leaks or carry out maintenance.

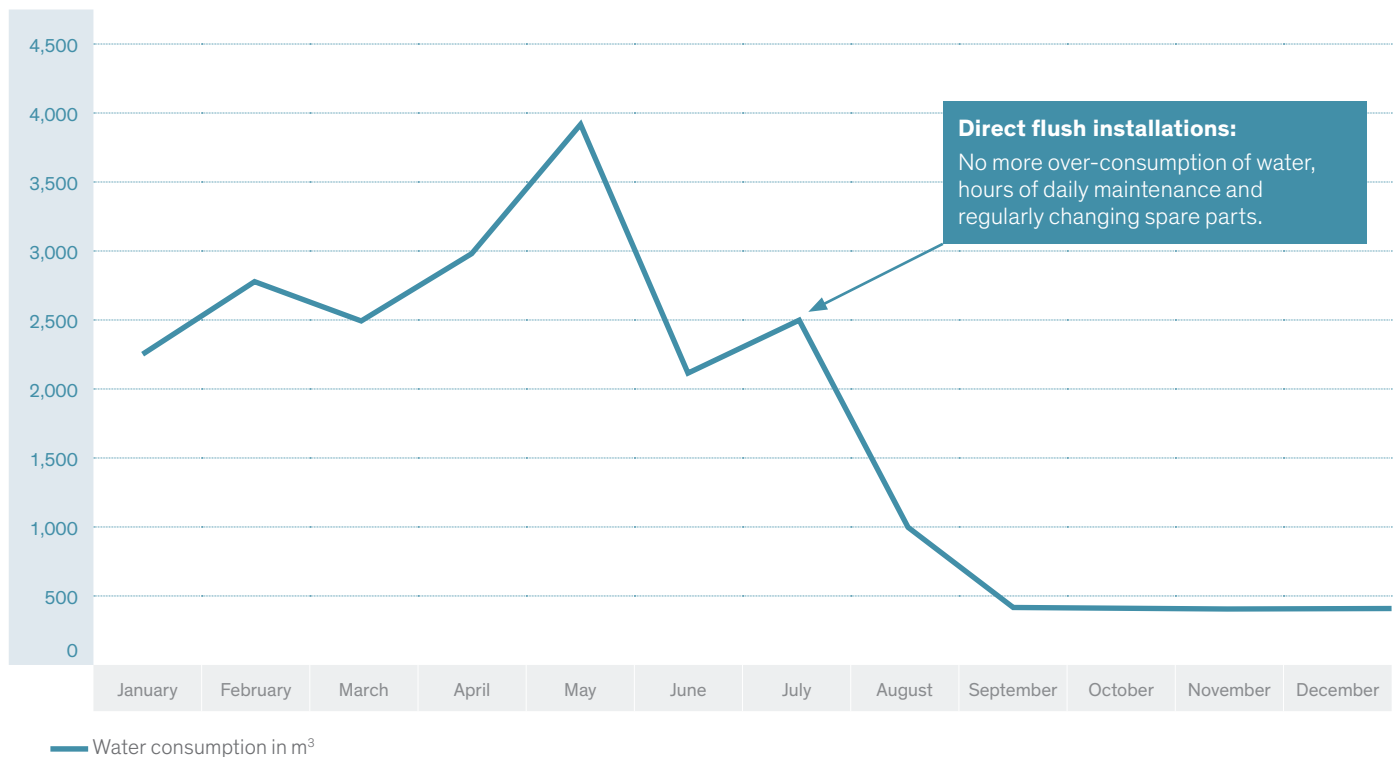
Many retirement homes, care facilities, student accommodation, etc. are currently fitted with cistern-flush WCs, because these facilities are associated with a residential setting. However, even if the users are resident for long periods, they are still **public buildings** with the same needs as any other public building: water savings, resistance to frequent use, ease to install and maintain, etc.

**Example: a retirement home with 300 beds.**

**With cistern-flush WCs installed:**

- Mechanisms require changing every 3 years
- 2 hours of maintenance required per day to repair leaking cisterns.

**Replacing cistern-flush WCs by a direct flush system:**



## PROJECTS FEATURING DELABIE'S DIRECT FLUSH



Louvre Museum - Lens



Brighton University - Brighton



Jean Bouin Stadium - Paris



Honda - Swindon



York Racecourse - York



Charles de Gaulle Airport - Paris



Las Rozas Shopping Centre - Spain



Winchester College - Hampshire



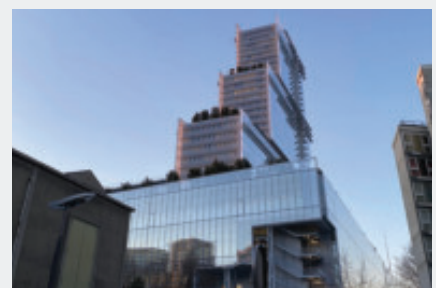
Bercaill Hotel - Wambrechies



Gravity Tower - Hong-Kong



St John's University - York



Palais de justice (courthouse) - Paris

**DIRECT FLUSH IS DESIGNED FOR INTENSIVE USE IN PUBLIC AND COMMERCIAL PLACES**



**CISTERNS ARE DESIGNED FOR DOMESTIC, LESS INTENSIVE USE**





## ADVANTAGES OF DIRECT FLUSH

### Hygiene

- The flush connects directly to the water system.
- No cistern: no water stagnation or bacterial development.
- Flushes automatically, without manual contact.
- Pipework flushes daily to prevent bacterial proliferation in the water system.

### Water savings

- Thanks to the direct connection onto the pipework without any intermediary, there is no need for a fragile mechanism.
- The risk of leaks is greatly reduced with this system.
- On electronic versions, an intelligent flush programme determines the optimal flush volume for perfect cleaning and reduced water consumption.

### Immediate availability

- Possible to use for successive flushes without having to wait between 2 uses.
- An essential feature for periods of high traffic (e.g. motorway service stations, stadiums, concert venues, schools).

### Limited and simplified maintenance

- Specifically designed for frequent use, direct flush mechanisms are durable (up to 500,000 operations) and resistant (scale-resistant mechanisms).
- Maintenance is, therefore, infrequent and the mechanism is easy to access from the front when necessary.
- 10-year warranty.

### Powerful and effective flush

- Uses the pressure in the pipework to rinse the pan.
- Thanks to the powerful flush, cleaning is effective and guarantees a clean WC pan.

### Space saving

- With no cistern, the frame systems with direct flush valves are more compact and can save several m<sup>2</sup> in a building.
- This space saving can optimise the profitability of a project when the price per m<sup>2</sup> is high.

## DISADVANTAGES OF CISTERNS

### Hygiene problems

- Cistern: up to 9L of stagnant water at an ambient temperature which encourages bacterial development.
- Bacteria can spread throughout the hydraulic installation.
- Bacteria can be projected through the air via the flush plume and inhaled by the user.

### Leaks and overconsumption of water

- Plastic mechanisms inside the tank are constantly submerged and, therefore, sensitive to scale build-up.
- They are the cause of frequent water leaks which are often invisible and inaudible and therefore detected late.
- Cisterns are the main source of wasted water. For example, a small leak from a cistern can cause a loss of 220m<sup>3</sup> of water that equates to £651 per year.

### Waiting time

- The cistern has to refill between each use, which may take up to 1 minute.
- In the event of a leak (even minimal), the tank may fail to fill and cause inconvenience and lead to vandalism by users.
- Successive flushes are not possible.

### Frequent maintenance and difficult to access

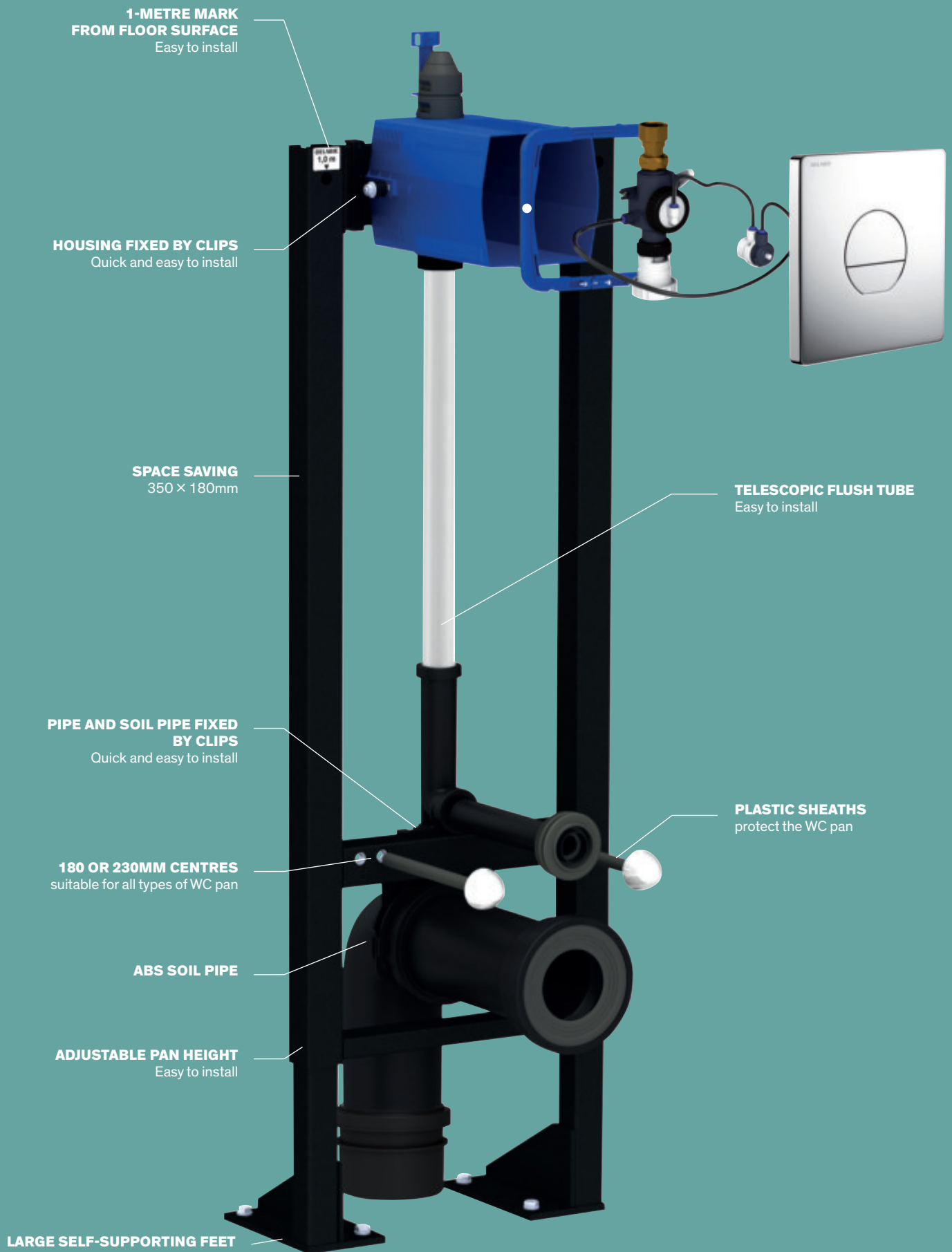
- Not designed for intensive use, the cistern's fragile mechanism is not very durable and must be changed regularly.
- Dismantling and access to the mechanism is difficult, and the bottom of the cistern remains inaccessible.
- Control plates need to be replaced frequently to compensate for careless use in public places.

### Ineffective flush

- The water drop between the cistern and the WC pan is only a few centimetres.
- The flush force is not powerful enough for effective cleaning.

### Large footprint

- Frame systems with cisterns take up more space and use more floor space.



## WHAT ARE THE ADVANTAGES OF A TEMPOFIX 3 FRAME SYSTEM IN PUBLIC AND COMMERCIAL PLACES?

### Easy to install

Installation and commissioning time should be taken into account when determining the total product cost, especially when installing a large number of products in public and commercial places.

The TEMPOFIX 3 frame system is delivered pre-mounted. The remaining components (flush tube, housing and soil pipe) are assembled by clipping into place. It is quick and easy to install.

When fixing the self-supporting TEMPOFIX 3 version of the frame system, the floor quality is the main criteria: the concrete floor should withstand a minimum load of 350kg/m<sup>3</sup>.

It is possible to install on non-load bearing floors (parquet, floors with underfloor heating, etc.) thanks to the wall-mounted model which is fixed to load-bearing walls.

DELABIE recommends a 25mm minimum wall thickness + tiling (= 2 × 1/2" wall boards or 1 × 1" wall board).

### Easy to adjust

Adjusting the pan height is simple: a mark indicates the "1-metre" point from the finished floor level on the frame system.

### Vandal-resistant

The structure of DELABIE's frame system is made from powder-coated steel. Its design provides it with an unrivalled resistance to deformation.

The French standard NF D12-208 requires that frame systems flex no more than 5mm when subjected to a uniformly distributed load of 400kg.

The TEMPOFIX 3 withstands 400kg loads and therefore meets this requirement.

It is delivered with large stable feet (for self-supporting installation) or with wall fixings (for wall-mounted installation).

### Optimised for stocking

Reduced frame weight and product packaging save space for storage and are an advantage for being kept on construction sites.

### A SINGLE PRODUCT for wall thicknesses from 10 - 120mm



### Advantages of wall-hung WCs

The height of the pan can be adjusted to suit the needs of the user, from children to people with reduced mobility.

A wall-hung WC allows easy access to clean the floor below the WC pan.

### Space saving

On average the TEMPOFIX 3 takes up 30% less space than other frame systems on the market. It is one of the most compact frame systems.

With no need for a cistern, it can be installed in the tightest of places such as service ducts.

The wall-anchoring bolts enable two TEMPOFIX 3 to be fixed back-to-back in a communal service duct (in Ladies and Gents toilets) without the need for a partition wall.

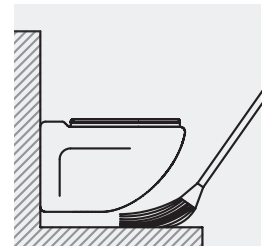
### Products suited to the needs of public and commercial places

Increasingly in public and commercial places, plasterboard walls are being replaced by gypsum blocks, brick, or even cinder blocks in order to improve the durability of the installations.

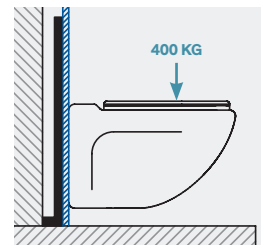
The TEMPOFIX 3, equipped with a new waterproof recessing housing, functions electronically (TEMPOMATIC dual control) or with timed flow (TEMPOFLUX 3), and the one model can adjust to any type of wall finish from 10 - 120mm.

DELABIE has developed its range of TEMPOFLUX 2 direct flush valves, offering extended versions of the valves and frames so that they can be adjusted to thicker walls up to 130mm.

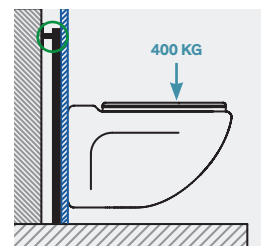
Such an innovative installation would prove difficult to achieve with cisterns.



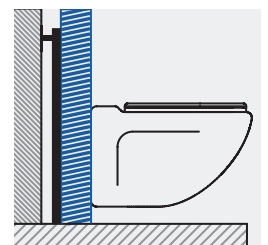
Easy to clean



Self-supporting TEMPOFIX 3



Wall-mounted TEMPOFIX 3



TEMPOFIX 3 for thick walls



Recessed TEMPOMATIC dual control electronic direct flush valve **464PBOX + 464006**  
BCN S wall-hung WC **110110** - Slimline toilet seat **102419** - Toilet roll holder **510083S** - Toilet brush set **4051S**



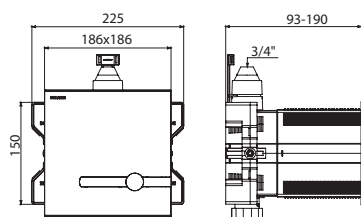
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary activation (push-button) or automatic flush (without contact)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

## TEMPOMATIC dual control

Recessed electronic direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated with CR123 6V Lithium batteries** or **230/6V mains supply** (cable and transformer supplied).
- **Satin finish stainless steel control plate 186 × 186mm** and chrome-plated metal button **with integrated electronics.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, activation and electronic unit are all integrated and accessible from the front.
  - TEMPOMATIC F $\frac{3}{4}$ " flush valve is compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **Voluntary activation** (anti-blocking push-button) or **automatically** when the user leaves.
- Independent push-button: the flush will activate even if the power supply fails.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use.
- **3 programmes** (rinse volume can be set according to type of WC pan).
- **Hygienic duty flush**, every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- Outlet connection for PVC tube  $\varnothing$  26/32mm.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



464PBOX + 464006

TEMPOMATIC recessed WC dual control flush valve in a waterproof housing		
6V battery-operated	464PBOX + 464006	£171.50 £543.08
230/6V mains supply	464SBOX + 464000	£171.50 £571.66

We recommend a flush tube (see page 242)





- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly

### TEMPOFIX 3 with TEMPOMATIC dual control

Frame system with electronic WC flush valve



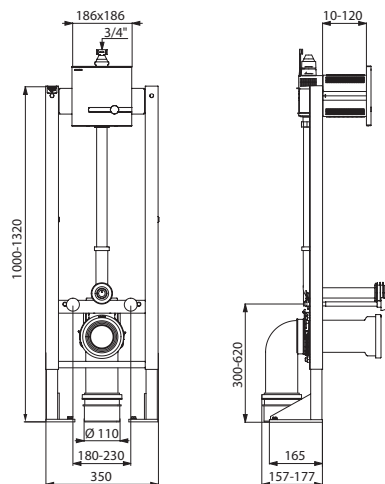
- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connectors, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**
- 10-year warranty.

#### Available in 2 versions:

Self-supporting frame system with large feet to fix to load-bearing floors.  
Wall-mounted frame system to fix to load-bearing walls.

#### Fitted with TEMPOMATIC dual control F¾" electronic direct flush valve:

- **Flush system without cistern:** directly connected to pipework.
- Battery-operated with CR123 6V Lithium batteries or 230/6V mains supply (cable and transformer supplied).
- Satin finish stainless steel control plate 186 × 186mm and chrome-plated metal button with integrated electronics.
- Waterproof recessing housing.
- Detection delay is 10 seconds.
- **Voluntary activation** (anti-blocking push-button) or **automatically** when the user leaves.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use.
- **3 programmes** (rinse volume can be set according to type of WC pan).
- **Hygienic duty flush**, every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- Compatible with sea water, rain water and grey water.
- Suitable for people with reduced mobility.



TEMPOFIX 3 WC frame system with TEMPOMATIC dual control		
Self-supporting model - 6V battery-operated	564065DE + 464006	£457.31 £543.08
Self-supporting model - 230/6V mains supply	564005DE + 464000	£457.31 £571.66
Wall-mounted version - 6V battery-operated	564060DE + 464006	£435.89 £543.08
Wall-mounted version - 230/6V mains supply	564000DE + 464000	£435.89 £571.66

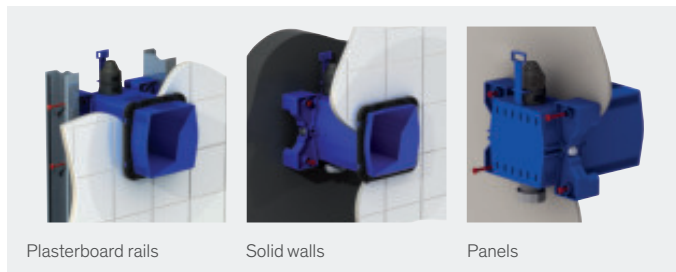
**Options:** wall fixings, sleeve connector and kit for disabled WC (see page 243)

564065DE + 464006

## TEMPOMATIC DUAL CONTROL RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

### Modular

Attachable from the sides, front or behind, DELABIE's recessed housing can be used on **plasterboard rails**, on **load-bearing walls** or even **thin panels**, the installation is therefore modular, adapting to the type of project.



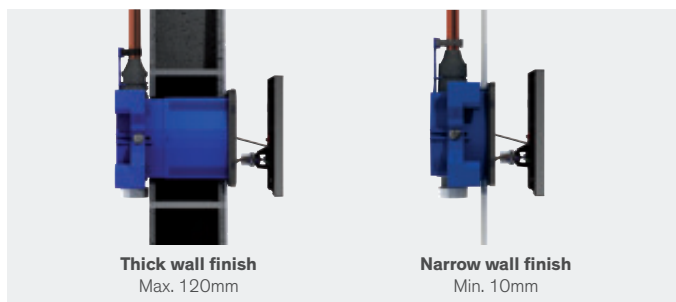
Plasterboard rails

Solid walls

Panels

### Adaptable

It is the ideal positioning of the collar that enables the housing to be cut to size lengthwise depending on the wall thickness whilst still guaranteeing complete waterproofing. **Thin or thick, the housing adapts to all the requirements of walls from 10 to 120mm.**

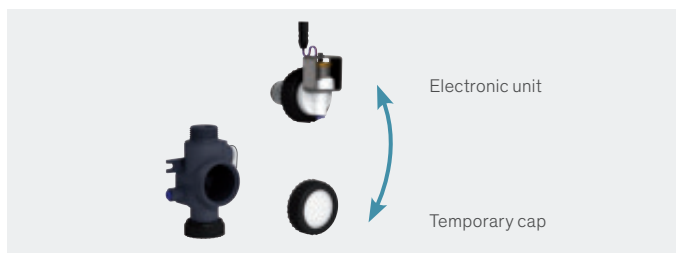


Thick wall finish  
Max. 120mm

Narrow wall finish  
Min. 10mm

### Quick and easy to install

The TEMPOMATIC dual control can be connected to standard piping or "pipe in pipe". The hydraulic connection is made from the outside of the housing. During the installation, the electronic unit is replaced by a temporary cap to **flush the system safely**, without damaging the technical elements.



Electronic unit

Temporary cap

### Water savings

DELABIE has developed an **"intelligent" rinse function** in the automatic mode. The system can distinguish between the need for a short rinse (2 to 3 litres) or a longer flush (4 to 6 litres).

### 100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system). **It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Collar with integrated waterproof seal

### Resistant to intensive use and vandalism

The control plate, made from satin finish stainless steel will withstand even the most extreme handling. Its fixings are concealed and its streamlined design discourages any attempt to pull it off. To prevent abuse or waste in the voluntary mode, the TEMPOMATIC dual control is fitted with an **AB anti-blocking system**. This security feature prevents the valve from being blocked in the open position. The flush takes place only when the push-button is released.

### Minimal servicing and simple to maintain

**Maintenance is carried out from the front** by simply removing the control plate. The technical elements are accessible and the loose parts come **pre-assembled**.

An **LED** indicates when the **batteries need to be replaced**. Integrated in the plate, they can be replaced **without cutting off the water or removing the valve**.

The **vacuum breaker** is located inside the housing.

In case of backflow, the water will evacuate in front of the wall via the housing, and not behind (or into) the wall.

The TEMPOMATIC dual control is suitable for grey water, rain water and sea water.

Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

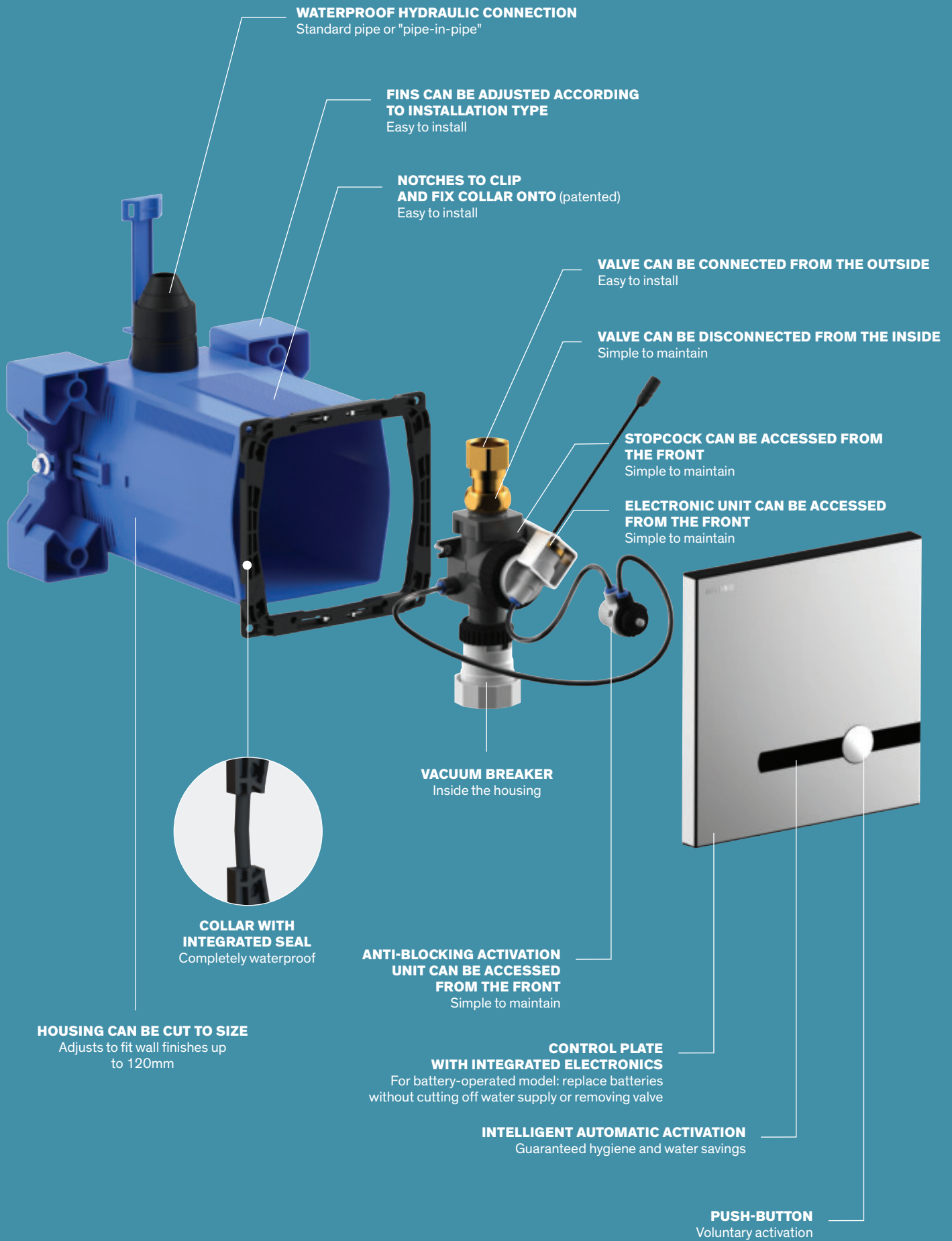
### Hygiene

The TEMPOMATIC dual control **flush** can be activated voluntarily via the push-button, or failing that, **automatically when the user leaves**. This dual control guarantees **permanent hygiene for the WC pan**, even if the user forgets or neglects to flush the WC. The **duty flush** prevents bacterial proliferation and ensures that the pipework is flushed every 24 hours when not in use.

### Design

The TEMPOMATIC dual control plate has a **timeless design**, available in satin finish stainless steel with a chrome-plated metal push-button. Thanks to its **sleek lines**, it fits perfectly in any type of public and commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning. This new concept combines **design and functionality**: the electronics are integrated directly in the control plate.





**WATERPROOF HYDRAULIC CONNECTION**  
Standard pipe or "pipe-in-pipe"

**FINS CAN BE ADJUSTED ACCORDING TO INSTALLATION TYPE**  
Easy to install

**NOTCHES TO CLIP AND FIX COLLAR ONTO (patented)**  
Easy to install

**VALVE CAN BE CONNECTED FROM THE OUTSIDE**  
Easy to install

**VALVE CAN BE DISCONNECTED FROM THE INSIDE**  
Simple to maintain

**STOPCOCK CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain

**ELECTRONIC UNIT CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain

**VACUUM BREAKER**  
Inside the housing

**COLLAR WITH INTEGRATED SEAL**  
Completely waterproof

**ANTI-BLOCKING ACTIVATION UNIT CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain

**HOUSING CAN BE CUT TO SIZE**  
Adjusts to fit wall finishes up to 120mm

**CONTROL PLATE WITH INTEGRATED ELECTRONICS**  
For battery-operated model: replace batteries without cutting off water supply or removing valve

**INTELLIGENT AUTOMATIC ACTIVATION**  
Guaranteed hygiene and water savings

**PUSH-BUTTON**  
Voluntary activation



TEMPOMATIC dual control electronic direct flush system remote **464306** - Drop-down support rail **511964C**  
Straight grab bar **511905C** - Toilet roll holder **511965C**



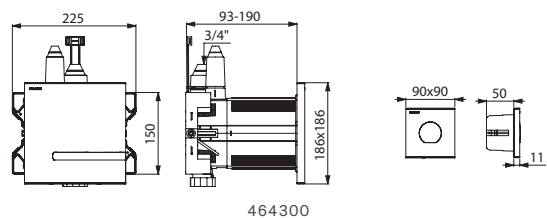
- **Hygiene:** automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** suitable for WCs for people with reduced mobility, touch-free automatic flush or by pushing side control
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Easy to install:** modular and adjustable waterproof housing

## TEMPOMATIC dual control remote

Recessed electronic direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Battery-operated with CR123 Lithium 6V batteries** or **230/6V mains supply** (cable and transformer supplied).
- Satin stainless steel **electronic control plate** 186 × 186mm.
- Satin stainless steel **time flow control plate** with chrome-plated button 90 × 90mm.
- **Recessed waterproof housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes from 10 to 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment are integrated and accessible from the front.
  - TEMPOMATIC F $\frac{3}{4}$ " valve compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **Touch-free automatic activation** when the user leaves or **voluntary** by pressing the side control.
- **AB anti-blocking system:** water will flow only when the push-button is released.
- **"Intelligent" automatic rinsing:** flush volume adapts according to use.
- **3 programmes** (rinsing volume can be set according to type of WC pan).
- **Hygienic duty flush** every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- Outlet connection for PVC tube  $\varnothing$  26/32mm.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



TEMPOMATIC WC dual control remote		
6V battery-operated	<b>464306</b>	<b>£744.37</b>
230/6V mains supply	<b>464300</b>	<b>£771.44</b>

We recommend a flush tube (see page 242)



TEMPOFIX 3 frame system with TEMPOMATIC Connect electronic direct flush system **564005DE + 465000** - S21 S wall-hung WC **110310**  
Toilet brush set **4051S** - Toilet roll holder **510083S**



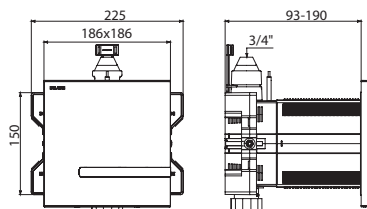
- **Hygiene:** touch-free automatic flush, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** touch-free automatic flush
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Easy to install:** modular and adjustable waterproof housing or on frame system

### TEMPOMATIC Connect

Recessed electronic direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **230/6V mains supply** (cable and transformer supplied).
- **Satin stainless steel control plate 186 × 186mm.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, activation and electronic unit are all integrated and accessible from the front.
  - TEMPOMATIC F<sup>3/4</sup>" flush valve is compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- Shock-resistant infrared presence detection sensor.
- **Detection delay is 10 seconds.**
- **Touch-free automatic activation** when the user leaves or **voluntary touch-free** (when hand is moved 4cm from the sensor).
- **"Intelligent" automatic rinsing:** flush volume adapts according to use.
- **3 programmes** (rinse volume can be set according to type of WC pan).
- **Hygienic duty flush**, every 24 hours (can be adjusted to 12 hours or OFF) after the last use.
- **Bluetooth® setting** with the DELABIE Connect app.
- Outlet connection for PVC tube Ø 26/32mm.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



464SBOX + 465000

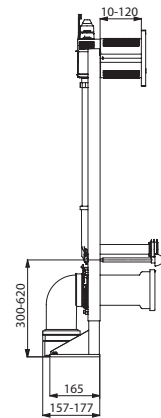
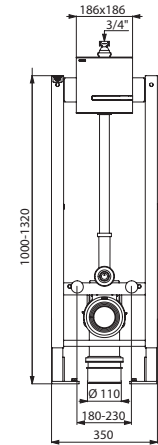
Provisional availability: 1<sup>st</sup> half 2023.  
Please contact the sales office to check availability.

<b>Recessed TEMPOMATIC Connect WC</b>	<b>464SBOX + 465000</b>	<b>£171.50</b> <b>£598.61</b>
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We recommend a flush tube (see page 242)

### TEMPOFIX 3 with TEMPOMATIC Connect

Frame system with electronic flush



564005DE + 465000

- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connectors, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**
- 10-year warranty.

#### Available in 2 versions:

Self-supporting frame system with large feet to fix to load-bearing floors.  
Wall-mounted frame system to fix to load-bearing walls.

Fitted with TEMPOMATIC Connect electronic flush valve (see opposite).

Provisional availability: 1<sup>st</sup> half 2023.

Please contact the sales office to check availability.

TEMPOFIX 3 WC frame system with TEMPOMATIC Connect		
Self-supporting model	<b>564005DE + 465000</b>	<b>£457.31</b> <b>£598.61</b>
Wall-mounted version	<b>564000DE + 465000</b>	<b>£435.89</b> <b>£598.61</b>

**Options:** wall fixings, sleeve connector and kit for disabled WC (see page 243)



TEMPOMATIC electronic direct flush valve **463030** - S21 S wall-hung WC **110310**  
Jumbo toilet paper dispenser **2912** - Toilet brush set **40515**



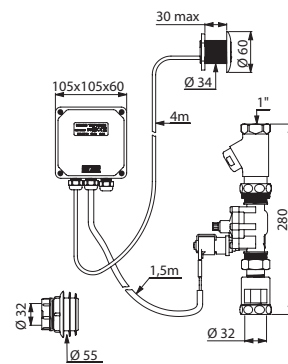
- **Hygiene:** automatic flush with no manual contact, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary activation or automatic flush
- **Vandal-resistant:** cross wall installation or on frame system, concealed fixings
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly

## TEMPOMATIC

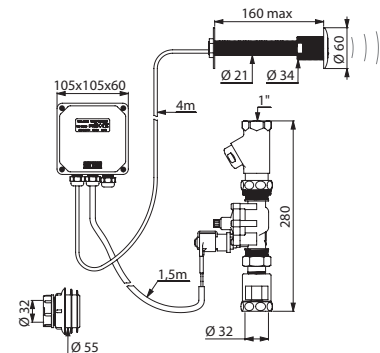
Cross wall electronic flush valve



- **Flush system without cistern:** directly connected to pipework.
- Mains supply with 1" solenoid valve.
- 230/12V transformer.
- IP65 independent electronic unit.
- **For cross wall installation.**
- Shock-resistant infrared presence detection sensor.
- **Touch-free automatic activation** when the user leaves or **voluntary touch-free** (when hand is moved 4cm from the sensor).
- **Time flow ~7 seconds**, can be adjusted from 3 - 12 seconds.
- **Detection distance, flow rate and flush volume can be adjusted.**
- Stopcock FF1".
- Vacuum breaker Ø 32mm.
- Connection washer Ø 32/55mm.
- Wall plate flush to the wall.
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



463030



463150

TEMPOMATIC WC cross wall flush valve		
For walls ≤ 30mm	463030	£812.04
For walls ≤ 160mm	463150	£812.04

[Alternative cross wall lengths available on request](#)



Recessed TEMPOFLUX 3 time flow direct flush system **763BOX + 763040** - S21 S wall-hung WC **110310** - Slimline toilet seat **102819**  
Toilet roll holder **510567** - Toilet brush set **4051S**





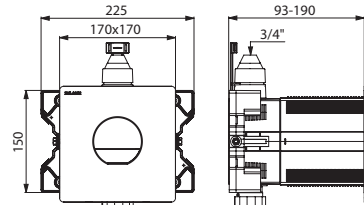
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L
- **Easy to install:** modular and adjustable waterproof housing (for walls and finishes)

### TEMPOFLUX 3

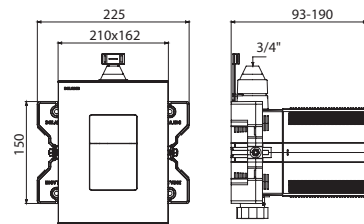
Recessed time flow direct flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Chrome-plated metal control plate 170 × 170mm, satin stainless steel 210 × 162mm, or black tempered glass 205 × 190mm.**
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, activation unit and cartridge are all integrated and accessible from the front.
  - TEMPOFLUX 3 F<sup>3/4</sup>" flush valve is compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
  - Supplied in 2 kits: secure system flush without sensitive elements.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L** or single flush 6L.
- Outlet connection for PVC tube Ø 26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



763BOX + 763040



763BOX + 763000

TEMPOFLUX 3 WC recessed in waterproof housing		
Chrome-plated metal control plate, dual flush	<b>763BOX + 763040</b>	<b>£142.92</b> <b>£243.70</b>
Chrome-plated metal control plate, single flush	<b>763BOX + 763041</b>	<b>£142.92</b> <b>£221.23</b>
Satin stainless steel control plate, dual flush	<b>763BOX + 763000</b>	<b>£142.92</b> <b>£171.50</b>
Black glass control plate, dual flush	<b>763BOX + 763030</b>	<b>£142.92</b> <b>£429.44</b>

We recommend a flush tube (see page 242)



TEMPOFIX 3 WC frame system with TEMPOFLUX 3 time flow direct flush system **564065DE + 763000** - S21 S wall-hung WC **110310** - Toilet brush set **4051S**  
Toilet paper dispenser **2912** - Coat hook **4043P**



- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted, clip into place assembly
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L

### TEMPOFIX 3 with TEMPOFLUX 3

Frame system with time flow flush



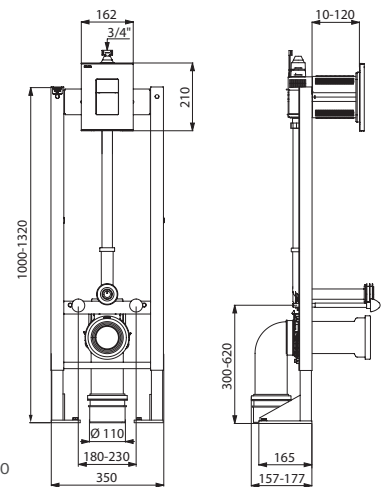
- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connectors, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid wall finishes from 10 - 120mm.**
- 10-year warranty.

**Available in 2 versions:**

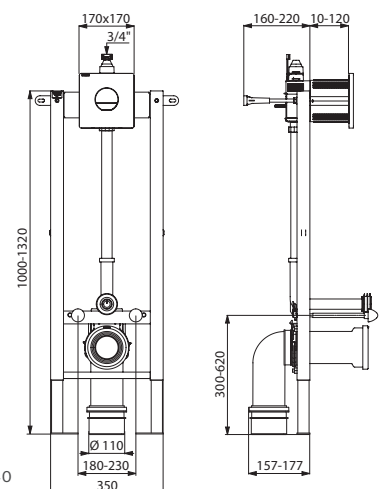
Self-supporting frame system with large feet to fix to load-bearing floors.  
Wall-mounted frame system to fix to load-bearing walls.

**Fitted with TEMPOFLUX 3 F¾" time flow direct flush valve:**

- Satin stainless steel control plate 210 × 162mm, chrome-plated metal 170 × 170mm or black tempered glass 205 × 190mm.
- Waterproof recessing housing.
- **Soft-touch operation.**
- **Dual flush 3L/6L, can be adjusted to 2L/4L** or single flush 6L.
- **AB anti-blocking system.**
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- Acoustic level complies with European standard EN 12541 class II.
- Compatible with sea water, rain water and grey water.
- Suitable for people with reduced mobility.



564065DE+ 763000



564060DE + 763040

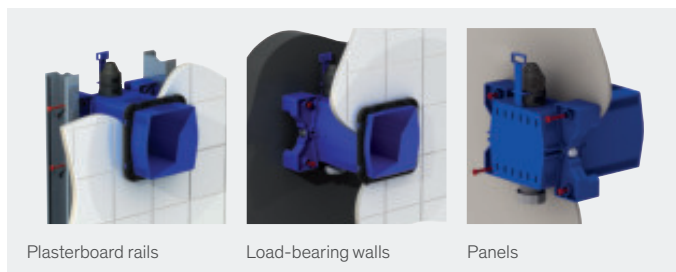
TEMPOFIX 3 WC frame system with TEMPOFLUX 3		
Satin finish stainless steel control plate		
Self-supporting model, dual flush	564065DE + 763000	£457.31 £171.50
Wall-mounted model, dual flush	564060DE + 763000	£435.89 £171.50
Chrome-plated metal control plate		
Self-supporting model, dual flush	564065DE + 763040	£457.31 £243.70
Wall-mounted model, dual flush	564060DE + 763040	£435.89 £243.70
Self-supporting model, single flush	564065DE + 763041	£457.31 £221.23
Wall-mounted model, single flush	564060DE + 763041	£435.89 £221.23
Black glass control plate		
Self-supporting model, dual flush	564065DE + 763030	£457.31 £429.44
Wall-mounted model, dual flush	564060DE + 763030	£435.89 £429.44

**Options:** wall fixings, sleeve connector and kit for disabled WC (see page 243)

## TEMPOFLUX 3 RECESSED: 100% WATERPROOF RECESSED HOUSING, MODULAR AND ADAPTABLE

### Modular

Attachable from the sides, front or behind, DELABIE's recessed housing can be used on **plasterboard rails**, on **load-bearing walls** or even **thin panels**, the installation is therefore modular, adapting to the type of project.



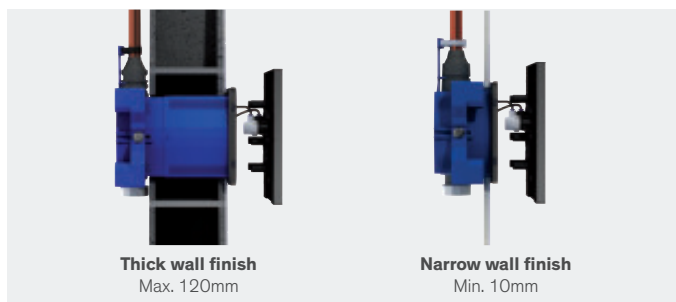
Plasterboard rails

Load-bearing walls

Panels

### Adaptable

It is the ideal positioning of the collar that enables the housing to be cut to size lengthwise depending on the wall thickness whilst still guaranteeing complete waterproofing. **Thin or thick, the housing adapts to all the requirements of walls from 10 to 120mm.**



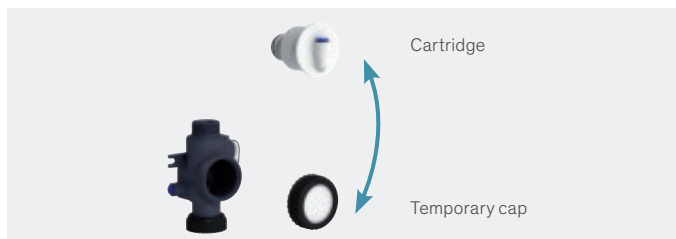
Thick wall finish  
Max. 120mm

Narrow wall finish  
Min. 10mm

### Quick and easy to install

The TEMPOFLUX 3 can be connected to standard piping or "pipe in pipe". The hydraulic connection is made from the outside of the housing.

During installation, the cartridge is replaced by a temporary cap to **flush the system safely**, without damaging the technical elements.



Cartridge

Temporary cap

### Water savings

The TEMPOFLUX 3 with **3L/6L dual flush** optimises flushing and water consumption. The flush volume can be adjusted to **2L/4L**, to achieve the highest standards for environmental labels.

*For more information see page 8.*

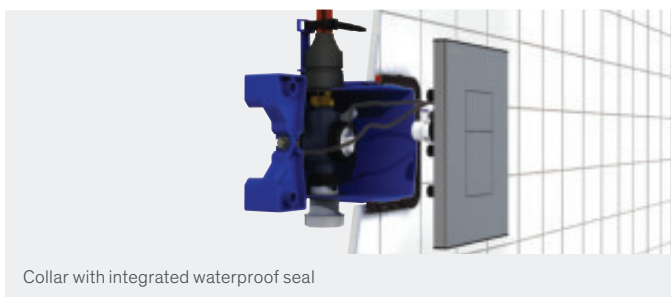
The **AB anti-blocking device** controls the flush volume regardless of how long the push-button is pressed for.

### 100% waterproof

Standard housings on the market are designed to be cut to size flush to the wall, which increases the risk of leaks between the wall and the collar.

DELABIE's recessed housing is equipped with a collar with an **integrated seal**, that clips onto the housing once the wall finish is in place (patented system).

**It is completely waterproof without silicone.** Any condensation is evacuated via the plate. **The wall stays intact throughout.**



Collar with integrated waterproof seal

### Resistant to intensive use and vandalism

The control plate, made from satin finish stainless steel will withstand even the most extreme handling. Its fixings are concealed and its streamlined design discourages any attempt to pull it off. To prevent abuse or waste, the TEMPOFLUX 3 is fitted with an **AB anti-blocking system**. This security feature prevents the valve from being blocked in the open position. The flush takes place only when the push-button is released.

### Minimal servicing and simple to maintain

**Maintenance is carried out from the front** by simply removing the control plate. The technical elements are accessible and the loose parts come **pre-assembled**.

The flush volume can be adjusted directly behind the control plate, without shutting off the water supply or removing the valve.

The **vacuum breaker** is located inside the housing.

In case of backflow, the water will evacuate in front of the wall via the housing, and not behind (or into) the wall.

The TEMPOFLUX 3 is suitable for grey water, rain water and sea water.

Making protection from frost and in-depth maintenance easier, **the valve can be disconnected and removed from the inside**, without removing the housing.

### Comfort

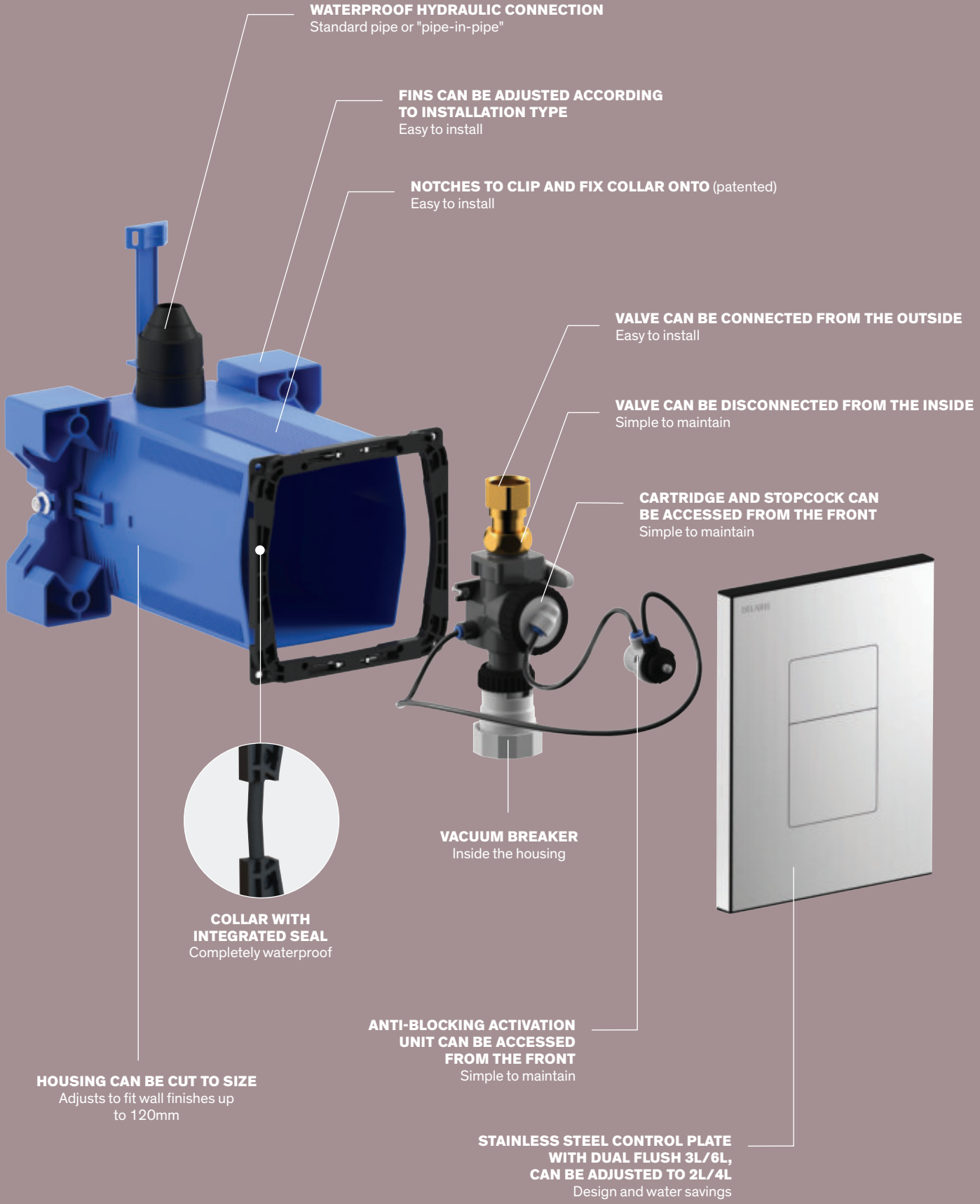
Thanks to its **soft-touch operation**, the TEMPOFLUX 3 can be used by all users (children, the elderly or people with reduced mobility).

The **acoustic level is low** and complies with European standard EN 12541 class II.

### Design

The TEMPOFLUX 3 control plate has a **timeless design** available in 3 finishes: **satin finish stainless steel, chrome-plated metal or black glass**.

Thanks to its sleek lines, it fits perfectly in any type of public or commercial building. Its smooth surface limits the build-up of dirt and facilitates cleaning.



**WATERPROOF HYDRAULIC CONNECTION**  
Standard pipe or "pipe-in-pipe"

**FINS CAN BE ADJUSTED ACCORDING TO INSTALLATION TYPE**  
Easy to install

**NOTCHES TO CLIP AND FIX COLLAR ONTO (patented)**  
Easy to install

**VALVE CAN BE CONNECTED FROM THE OUTSIDE**  
Easy to install

**VALVE CAN BE DISCONNECTED FROM THE INSIDE**  
Simple to maintain

**CARTRIDGE AND STOPCOCK CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain

**VACUUM BREAKER**  
Inside the housing

**COLLAR WITH INTEGRATED SEAL**  
Completely waterproof

**ANTI-BLOCKING ACTIVATION UNIT CAN BE ACCESSED FROM THE FRONT**  
Simple to maintain

**HOUSING CAN BE CUT TO SIZE**  
Adjusts to fit wall finishes up to 120mm

**STAINLESS STEEL CONTROL PLATE WITH DUAL FLUSH 3L/6L, CAN BE ADJUSTED TO 2L/4L**  
Design and water savings



TEMPOFIX 3 WC fire retardant frame system with TEMPOFLUX 3 time flow direct flush 565065DE + 763000 - Toilet brush set 4051P - Toilet roll holder 510082S  
Double coat hook 4042P



- **Fire resistance:** fire retardant 60 minutes
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to maintain and install:** pre-mounted frame system, service duct isn't required for maintenance
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, dual flush 3L/6L

## TEMPOFIX 3 with TEMPOFLUX 3

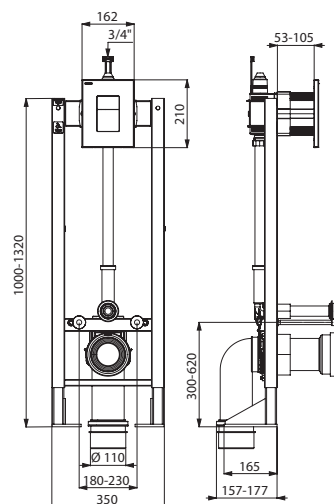
Fire retardant frame system with time flow direct flush



- Black powder-coated self-supporting steel frame with large feet for load-bearing floors.
- **Fire retardant 60 minutes** (tested according to norm ISO 834).
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connectors, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **Compatible with solid walls from 53 to 105mm**
- 10-year warranty.

### Fitted with TEMPOFLUX 3 3/4" time flow direct flush valve:

- Satin stainless steel control plate 210 × 162mm.
- Waterproof recessing housing with intumescent collar and fire protection set.
- **Soft-touch operation.**
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- **AB anti-blocking system.**
- Vacuum breaker inside the housing.
- Integrated stopcock and flow rate adjuster.
- Acoustic level complies with European standard EN 12541 class II.
- Compatible with sea water, rain water and grey water.
- Suitable for people with reduced mobility.



TEMPOFIX 3 WC self-supporting fire retardant frame system with TEMPOFLUX 3		565065DE + 763000	£767.79 £171.50
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Options: wall fixings, sleeve connector and kit for disabled WC (see page 243)

565065DE + 763000



**INTUMESCENT COLLAR AND FIRE PROTECTION SET**

Box sealed in the event of a fire



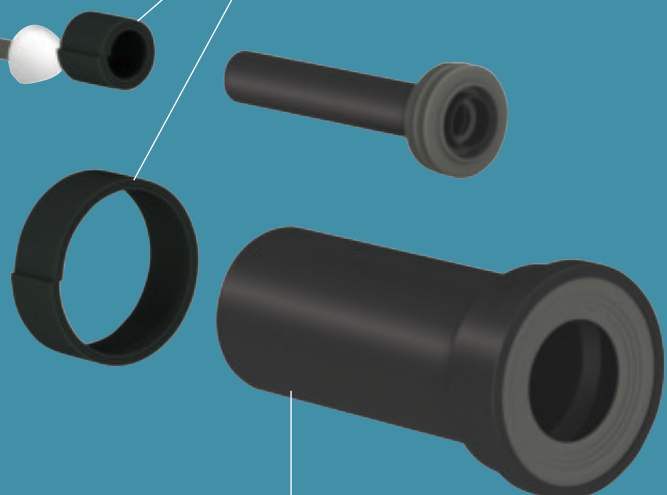
**ACCESS TO MECHANISM AND STOPCOCK FROM THE FRONT**

Easy to maintain  
Space saving in the service duct

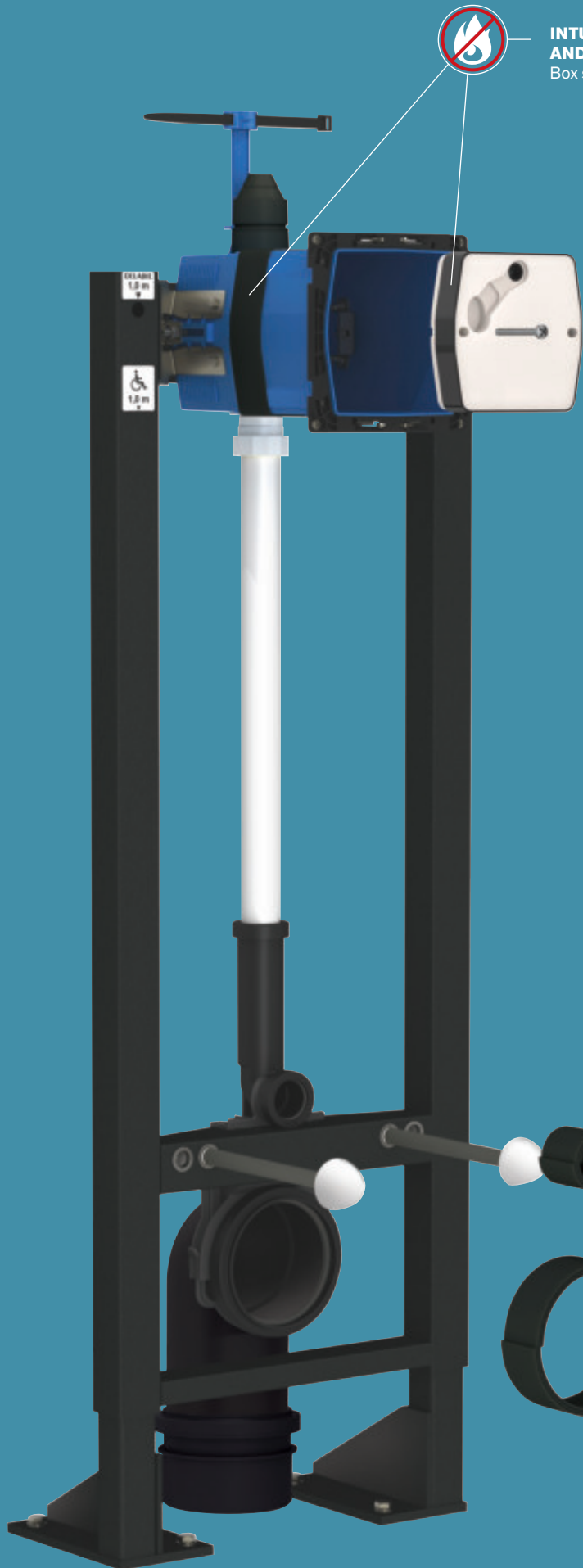


**INTUMESCENT COLLARS**

Supply and outlet pipes sealed in the event of a fire



**Ø 100MM SOIL PIPE**  
Effective flush





The French by-law from 25 June 1980 specifies rules of safety against the risk of fires and panic in public and commercial buildings. Buildings with accommodation like hotels, care homes and hospitals are particularly concerned.

If drilling > 75mm in a fire retardant partition (e.g. for a pipe), the building must have an adequate device to prevent the spread of fire to other areas.

« § 3. Pipes with a diameter larger than 75 millimetres and less than or equal to 315 millimetres must be flame retardant for 30 minutes for the walls in public and commercial buildings with the exception of horizontal pipes which can be fire resistant for 15 minutes. »

In Article CO 31 in the French by-law from 25 June 1980 approving general safety rules against the risk of fires and panic in public and commercial buildings, modified by 26 June 2008 by-law.

With DELABIE's fire retardant solution, the installation of the TEMPOFIX 3 guarantees:

- A space saving solution which is practical and looks good whilst being fire retardant for 60 minutes.
- Easy maintenance from the front (behind the control plate) without the need for access to a service duct.
- Suitable for walls 53 to 105mm.

Fire retardant solution CF 60 min - EI60 complies with fire safety regulations for public and commercial buildings. (Tests carried out by Firelab laboratories certified by the COFRAC and meeting ISO 834 norm).

In the UK Regulatory Reform (Fire Safety) Order 2005 sets out the guidelines for keeping premises safe and preventing fires.



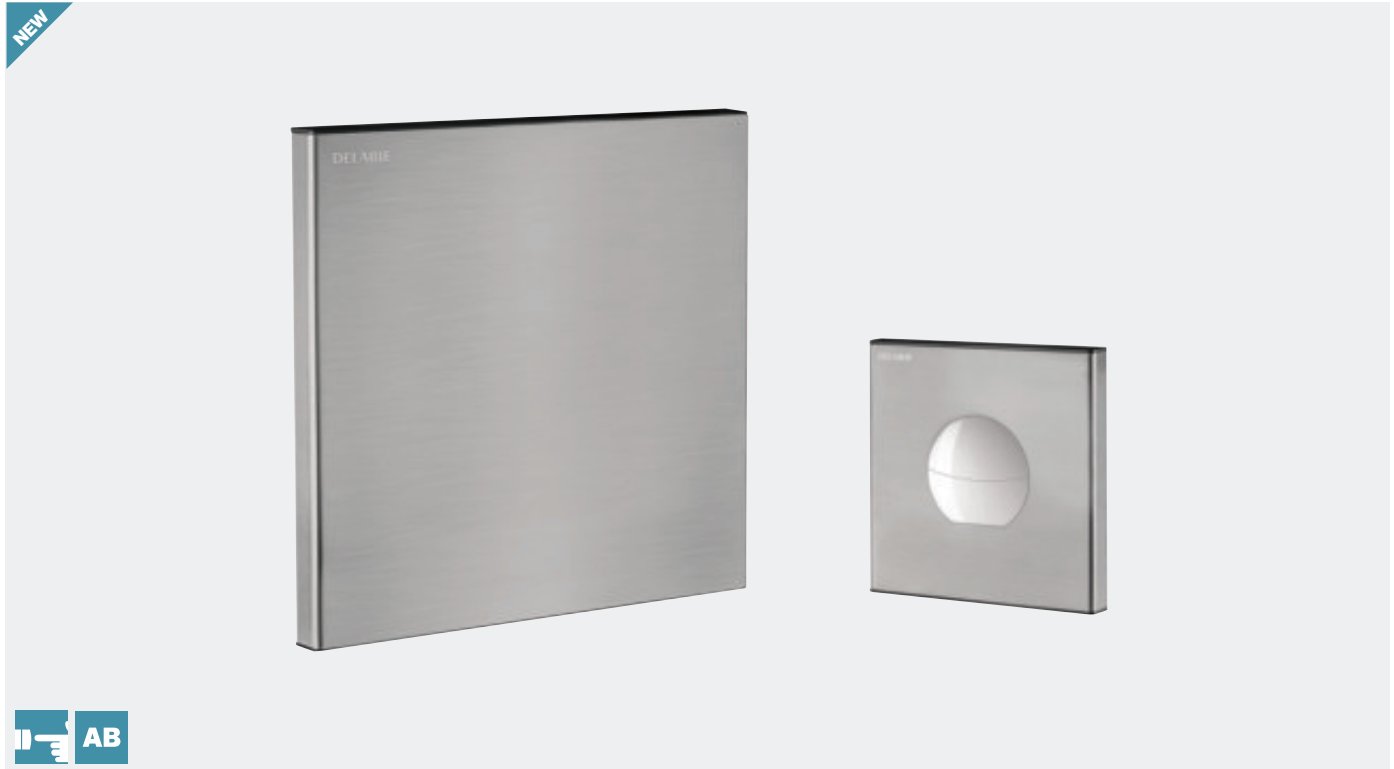
Two TEMPOFIX 3 fire retardant frame systems installed back to back.



- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Easy to install:** modular and adjustable waterproof housing

### TEMPOFLUX 3 AB remote

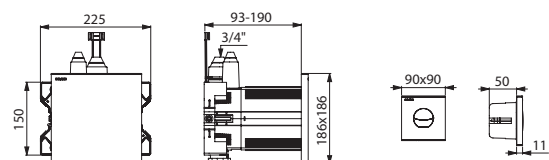
Recessed time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- **Wall plate** in satin stainless steel 186 × 186mm.
- **Time flow control plate** in satin stainless steel and chrome-plated button 90 × 90mm.
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, filter and cartridge are integrated and accessible from the front.
  - TEMPOFLUX 3 F $\frac{3}{4}$ " flush valve is compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- Outlet connection for PVC tube  $\varnothing$  26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



Other installation possibilities: see page 256.



<b>TEMPOFLUX 3 AB WC remote</b>	<b>763300</b>	<b>£426.31</b>
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We recommend a flush tube (see page 242)

763300



- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II

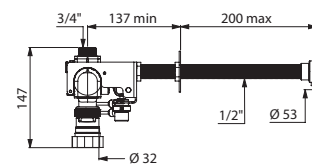


### TEMPOFLUX 3 AB

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls  $\leq 200\text{mm}$ .
- **Soft-touch operation.**
- **AB anti-blocking system:** flush only takes place once the push-button is released.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- Stopcock and volume/flow rate adjustment, activation unit and cartridge are all integrated and accessible via the service duct.
- Chrome-plated metal push-button.
- Shock-resistant mechanism.
- In-line inlet M $\frac{3}{4}$ ".
- Complies with European standard EN 12541 (class II acoustic level).
- Cut-to-size threaded rod.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without PVC flush tube.
- Compatible with rain water.
- Suitable for rimless pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



763256

TEMPOFLUX 3 AB WC cross wall		
With flush tube	<b>763266</b>	<b>£253.75</b>
Without flush tube	<b>763256</b>	<b>£213.42</b>





- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, 3L/6L dual flush
- **Vandal-resistant:** for recessed or cross wall installation

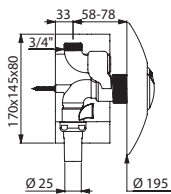
### TEMPOFLUX 2

Recessed time flow flush valve

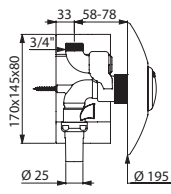


- **Flush system without cistern:** directly connected to pipework.
- Chrome-plated metal wall plate Ø 195mm.
- Multipurpose recessing housing.
- Recessing depth can be adjusted 0 - 20mm.
- **Available with 6L single flush or 3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Solid brass body.
- Chrome-plated metal push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube Ø 26/32mm.
- **Acoustic level complies with European standard EN 12541 class II.**
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



762902



762901

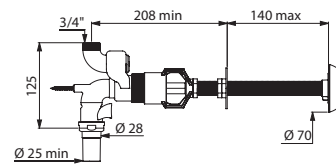
TEMPOFLUX 2 WC recessed		
3L/6L dual flush (DELABIE patented)	<b>762902</b>	<b>£287.94</b>
6L single flush	<b>762901</b>	<b>£265.62</b>

### TEMPOFLUX 2

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls ≤ 140mm.
- **3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Solid brass body.
- Chrome-plated metal push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube Ø 26/32mm.
- Threaded rod can be cut to size.
- **Acoustic level complies with European standard EN 12541 class II.**
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



762150

TEMPOFLUX 2 WC cross wall		
	<b>762150</b>	<b>£274.59</b>



- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful and constantly available flush, 3L/6L dual flush

**TEMPOFIX 3 with TEMPOFLUX 2**

Frame system for drywall



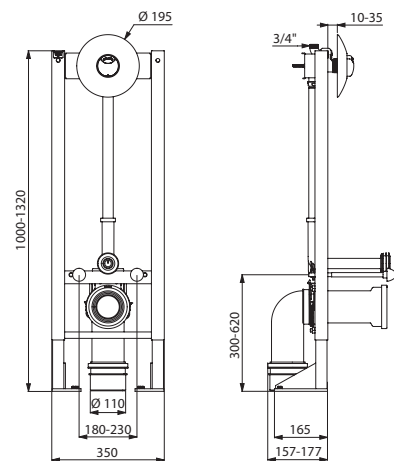
- Black powder-coated steel frame.
- Frame height can be adjusted from 0 - 200mm (with 1m mark).
- Ø 32mm flush tube with Ø 55mm connection washer.
- ABS soil pipe with HDPE sleeve connectors, Ø 110mm outlet with waterproof seal, with 2 setting positions.
- Delivered pre-mounted.
- **For walls from 10 - 35mm.**
- 10-year warranty.

**Available in 2 versions:**

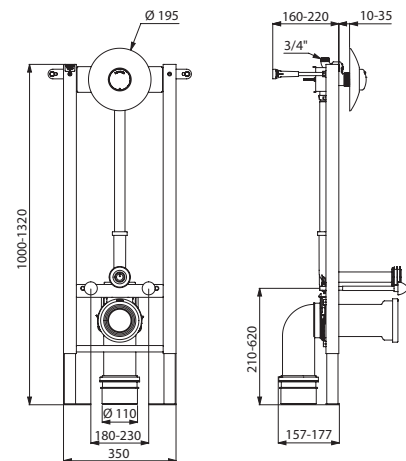
Self-supporting frame system with large feet to fix to load-bearing floors.  
Wall-mounted frame system to fix to load-bearing walls.

**Fitted with TEMPOFLUX 2 time flow direct flush system:**

- **Flush system without cistern:** directly connected to pipework.
- Ø 195mm chrome-plated metal wall plate with concealed fixings.
- **Available with 6L single flush or 3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- Vacuum breaker.
- **Stopcock and flow rate/volume adjuster.**
- Solid brass body and shock-resistant, scale-resistant mechanism.
- In-line inlet M<sup>3</sup>/<sub>4</sub>".
- Compatible with rain water.
- Acoustic level complies with European standard EN 12451 class II.



578305DE + 578222



578300DE + 578212

**TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for drywall from 10 - 35mm)**

<b>Self-supporting model</b>		
3L/6L dual flush (DELABIE patented)	<b>578305DE</b> + <b>578222</b>	<b>£524.22</b> <b>£113.71</b>
6L single flush (can be adjusted to 9L)	<b>578305DE</b> + <b>578212</b>	<b>£524.22</b> <b>£103.38</b>
<b>Wall-mounted model</b>		
3L/6L dual flush (DELABIE patented)	<b>578300DE</b> + <b>578222</b>	<b>£508.26</b> <b>£113.71</b>
6L single flush (can be adjusted to 9L)	<b>578300DE</b> + <b>578212</b>	<b>£508.26</b> <b>£103.38</b>

**Options:** wall fixings, sleeve connector and kit for disabled WC (see page 243)



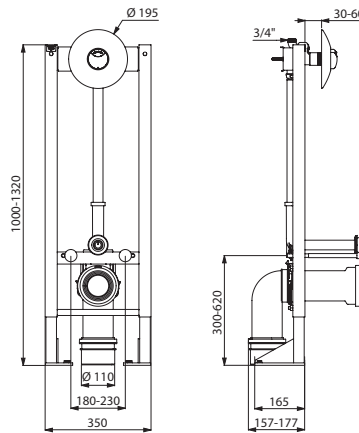
- **Specifically designed for public and commercial places:** space saving, easy to clean, withstands intensive use
- **Easy to install:** frame system delivered pre-mounted
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful and constantly available flush, 3L/6L dual flush

### TEMPOFIX 3 with TEMPOFLUX 2

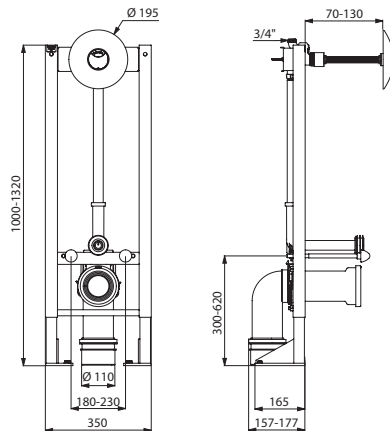
Frame system for semi-thick or thick walls



- See opposite for technical description.
- **For semi-thick solid walls from 30 - 60mm or thick walls from 70 - 130mm.**
- Available with 6L single flush or 3L/6L dual flush can be adjusted to 2L/4L. 10-year warranty.



578405DE + 578222



578305DE + 578230

TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for semi-thick walls from 30 - 60mm)		
<b>Self-supporting model</b>		
3L/6L dual flush (DELABIE patented)	578405DE + 578222	£565.21 £113.71
6L single flush (can be adjusted to 9L)	578405DE + 578212	£565.21 £103.38
<b>Wall-mounted model</b>		
3L/6L dual flush (DELABIE patented)	578400DE + 578222	£538.51 £113.71
6L single flush (can be adjusted to 9L)	578400DE + 578212	£538.51 £103.38
TEMPOFIX 3 WC frame system with TEMPOFLUX 2 (for thick, solid walls from 70 - 130mm)		
Self-supporting model		
3L/6L dual flush (DELABIE patented)	578305DE + 578230	£524.22 £190.42
Wall-mounted model		
3L/6L dual flush (DELABIE patented)	578300DE + 578230	£508.26 £190.42

For other wall thicknesses please contact us

**Options:** wall fixings, sleeve connector and kit for disabled WC (see page 243)

### RECOMMENDATIONS

**For drywall / plasterboard walls:**

Wall thickness: 10 - 35mm



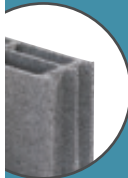
**For semi-thick gypsum block walls:**

Wall thickness: 30 - 60mm



**For thick brick or cinder block walls:**

Wall thickness: 70 - 130mm





- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** recessed or cross wall installation

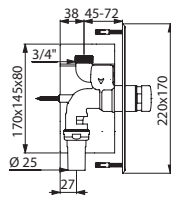
## TEMPOFLUX 1

Recessed time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- Stainless steel control plate 220 × 170mm.
- Multipurpose recessing housing.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Solid brass body and chrome-plated push-button.
- In-line inlet M $\frac{3}{4}$ ".
- Outlet connection for PVC tube  $\varnothing$  26/32mm.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 10-year warranty.

*This model does not have a waterproof recessing housing. The installer must ensure that the recessing area is waterproof and any leaks or condensation can drain away (see installation guide).*



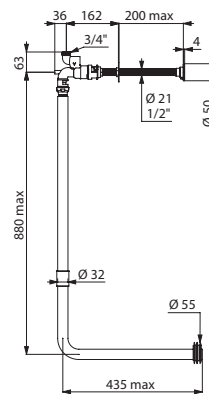
761627

## TEMPOFLUX 1

Cross wall time flow flush kit



- **Flush system without cistern:** directly connected to pipework.
- For walls  $\leq$  200mm.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Chrome-plated metal body.
- In-line inlet M $\frac{3}{4}$ ".
- Connection washer  $\varnothing$  32/55mm.
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without PVC flush tube  $\varnothing$  32mm.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 10-year warranty.



761210

TEMPOFLUX 1 WC recessed	761627	£236.21
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**Option:** tamperproof screws (see page 275)

TEMPOFLUX 1 WC cross wall kit		
With PVC flush tube	761210	£260.99
Without flush tube	761110	£223.31

Alternative cross wall lengths are available on request





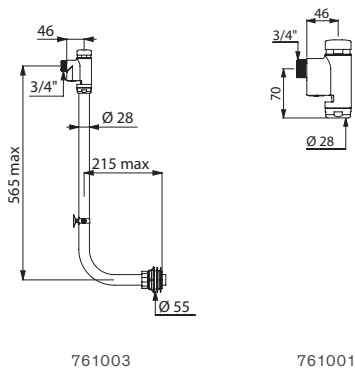
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** chrome-plated solid brass

### TEMPOFLUX 1

Exposed compact time flow flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Chrome-plated solid brass body and push-button.
- Angled inlet M $\frac{3}{4}$ ".
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without stainless steel flush tube.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 10-year warranty.



761003

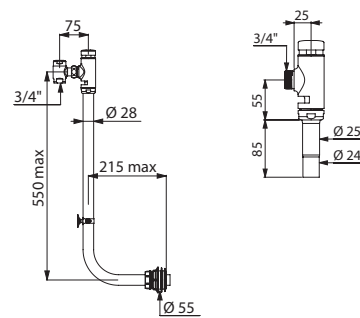
761001

### TEMPOFLUX 1

Exposed time flow flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Soft-touch operation.**
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Available with or without stopcock and flow rate/flush volume adjuster.**
- Chrome-plated solid brass body and push-button.
- Angled inlet  $\frac{3}{4}$ ".
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without stainless steel flush tube.
- Compatible with rain water.
- Suitable for people with reduced mobility.
- 10-year warranty.



761002

761025

TEMPOFLUX 1 WC exposed		
Kit with tube, collar and connection washer	<b>761003</b>	<b>£245.84</b>
Exposed time flow valve only	<b>761001</b>	<b>£166.82</b>

TEMPOFLUX 1 WC exposed		
<b>With separate elbow stopcock F<math>\frac{3}{4}</math>"</b>		
Kit with flush tube, collar and connection washer	<b>761002</b>	<b>£257.23</b>
<b>Without stopcock M<math>\frac{3}{4}</math>"</b>		
Kit with flush tube, collar and connection washer	<b>761004</b>	<b>£191.48</b>
With outlet nut $\varnothing$ 28mm, without flush tube	<b>761000</b>	<b>£112.46</b>
With flush tube $\varnothing$ 25mm and $\varnothing$ 24mm (replacements for SCHELL & BINE 120000 models)	<b>761025</b>	<b>£129.73</b>
<b>Accessories</b>		
Elbow stopcock FF $\frac{3}{4}$ "	<b>765020</b>	<b>£72.36</b>
Flat wall plate	<b>292020</b>	<b>£5.84</b>



- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** chrome-plated solid brass, shock-resistant mechanism, for recessed or cross wall installation

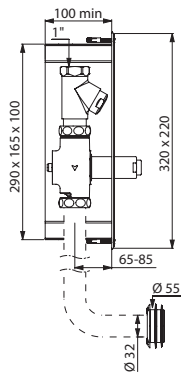
## TEMPCHASSE

Recessed time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- Satin stainless steel control plate 320 × 220mm.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **In-line rough brass stopcock and flow rate/flush volume adjuster.**
- Solid brass body and chrome-plated push-button.
- Shock-resistant mechanism.
- In-line inlet F1".
- Connection washer Ø 32/55mm.
- Base flow rate: 1.2 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- 10-year warranty.

*This model does not have a waterproof recessing housing.  
The installer must ensure that the recessing area is waterproof  
and any leaks or condensation can drain away (see installation guide).*



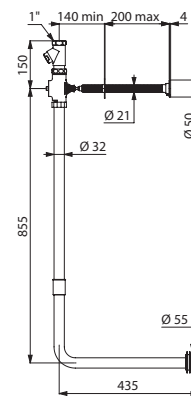
760220

## TEMPCHASSE

Cross wall time flow flush kit



- **Flush system without cistern:** directly connected to pipework.
- For walls ≤ 200mm.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **In-line rough brass stopcock and flow rate/flush volume adjuster.**
- Chrome-plated metal body.
- Shock-resistant mechanism.
- In-line inlet F1".
- Connection washer Ø 32/55mm.
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Available with or without PVC flush tube Ø 32mm.
- 10-year warranty.



760210

<b>TEMPCHASSE WC recessed flush valve</b>	<b>760220</b>	<b>£337.99</b>
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**Option:** tamperproof screws (see page 275)

<b>TEMPCHASSE WC cross wall kit</b>		
With PVC elbow flush tube Ø 32mm	<b>760210</b>	<b>£288.48</b>
Without flush tube	<b>760110</b>	<b>£233.52</b>

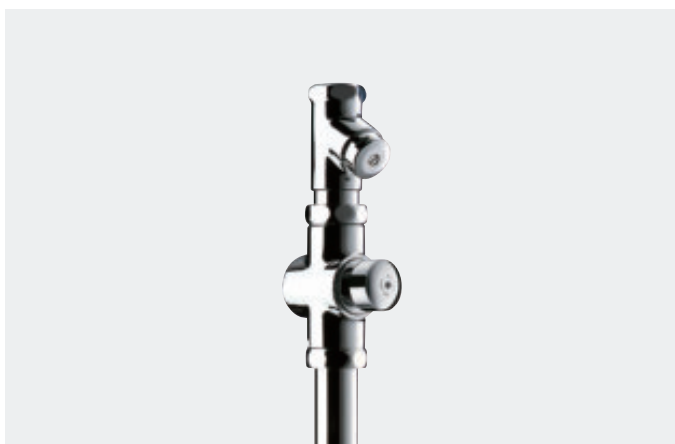
Alternative cross wall lengths are available on request



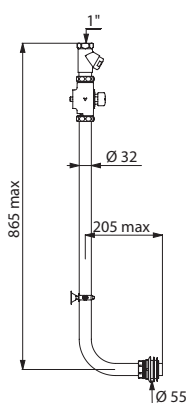
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** chrome-plated solid brass, shock-resistant mechanism

## TEMPOCHASSE

Exposed time flow flush kit



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **F1" chrome-plated brass stopcock and flow rate/flush volume adjuster.**
- Chrome-plated solid brass body and push-button.
- Shock-resistant mechanism.
- Connection washer  $\varnothing$  32/55mm with clamp.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Bright polished stainless steel elbow flush tube  $\varnothing$  32mm with nut and collar.
- 10-year warranty.



760004

### TEMPOCHASSE WC exposed kit

#### For conventional pans

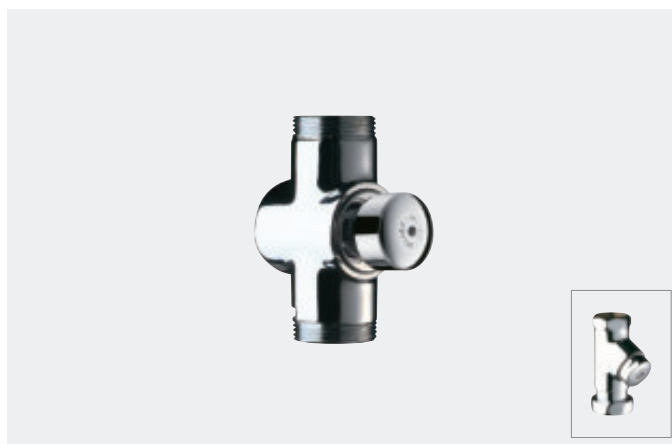
With in-line stopcock	<b>760004</b>	<b>£290.32</b>
With elbow stopcock	<b>760005</b>	<b>£280.72</b>

#### For slop hoppers

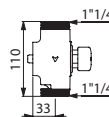
With in-line stopcock and straight flush tube	<b>760460</b>	<b>£329.85</b>
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## TEMPOCHASSE

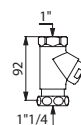
Exposed time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For wall-mounted, exposed installation.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- Chrome-plated solid brass body and push-button.
- Shock-resistant mechanism.
- In-line inlet M1 1/4".
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- 10-year warranty.



760000



764000



765000

### TEMPOCHASSE WC exposed

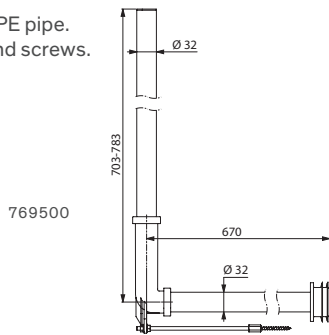
With push-button	<b>760000</b>	<b>£131.90</b>
In-line stopcock	<b>764000</b>	<b>£82.54</b>
Elbow stopcock	<b>765000</b>	<b>£72.99</b>

**Flush tube for WC pans**

For recessed flush system / cross wall



- For TEMPOMATIC, TEMPOFLUX 1, TEMPOFLUX 2, TEMPOFLUX 3 and TEMPOCHASSE.
- PVC tube for recessed or cross wall installation.
- With connection washer and HDPE pipe.
- Walls ≥ 60mm fix with bracket and screws.
- Ø 26/32mm.
- 10-year warranty.



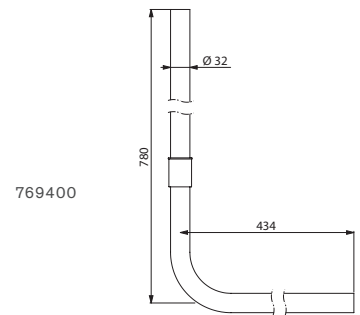
<b>Flush tube with connection washer for recessing for WC pans</b>	<b>769500</b>	<b>£61.97</b>
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**Flush tube for WC pans**

For recessed flush system / cross wall



- For TEMPOMATIC, TEMPOFLUX 1, TEMPOFLUX 2, TEMPOFLUX 3 and TEMPOCHASSE.
- PVC tube for recessed or cross wall installation.
- Ø 26/32mm (bare, without connection washer).
- 10-year warranty.



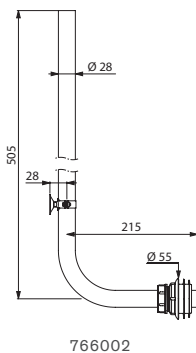
<b>Bare flush tube for recessing for WC pan</b>	<b>769400</b>	<b>£40.97</b>
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**Flush tube for WC pans**

For TEMPOFLUX 1 and 3 exposed and compact



- Bright polished stainless steel elbow flush tube Ø 28mm with collar and no nut.
- With connection washer Ø 28/55mm with clamp.
- 10-year warranty.



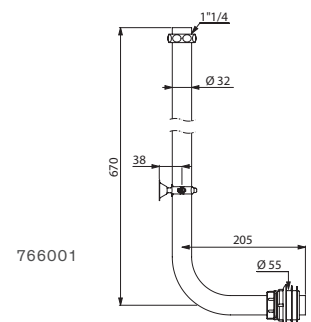
<b>Flush tube for WC pans</b>	<b>766002</b>	<b>£79.04</b>
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**Flush tube for squat WCs**

For TEMPOCHASSE exposed



- Elbow flush tube Ø 32mm with nut 1 1/4".
- Collar and connection washer Ø 32/55mm with clamp.
- 10-year warranty.



<b>Flush tube for WC pans</b>			
Bright polished stainless steel L. 205mm, H. 670mm	<b>766001</b>	<b>£84.88</b>	
PE L. 215mm, H. 665mm	<b>769001</b>	<b>£64.39</b>	

**Water nozzle**

For squat WCs



- Chrome-plated brass.
- For flush tubes  $\varnothing$  32mm.
- 10-year warranty.



702032

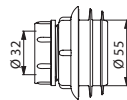
Water nozzle	702032	£31.91
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**Connection washer**

For tube  $\varnothing$  32mm



- With clamp.
- Neck  $\varnothing$  55mm.
- 10-year warranty.



705000

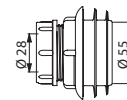
Connection washer $\varnothing$ 32mm	705000	£17.29
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**Connection washer**

For tube  $\varnothing$  28mm



- With clamp.
- Neck  $\varnothing$  55mm.
- 10-year warranty.



705028

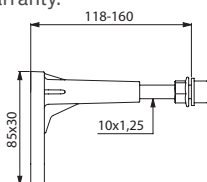
Connection washer $\varnothing$ 28mm	705028	£22.53
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**Wall fixings**

For TEMPOFIX 3



- Fixing kit for upper section of TEMPOFIX 3 frame system.
- 2 chrome-plated metal wall fixings, for reinforcing upper section of frame system.
- For installing if floors are non-load bearing.
- 10-year warranty.



578MUR

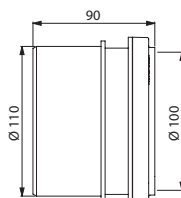
TEMPOFIX 3 wall fixings	578MUR	£39.30
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**Sleeve connector**

For TEMPOFIX 3



- For horizontal evacuation.
- $\varnothing$  100/110mm.
- High-density polyethylene (HDPE).
- 10-year warranty.



578110

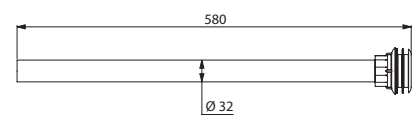
Sleeve connector	578110	£30.14
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**Connection kit for disabled WCs**

For TEMPOFIX 3



- Extended supply tube  $\varnothing$  32mm, L. 580mm.
- $\varnothing$  55mm connection washer.
- 10-year warranty.



578PMR

Connection kit for disabled WCs	578PMR	£19.48
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# Secure sector

SOLUTIONS  
FOR THE SECURE  
SECTOR  
**247**



BASIN  
CONTROLS  
**248**



SHOWER  
CONTROLS  
**250**



URINAL  
CONTROLS  
**252**



WC  
CONTROLS  
**253**





TEMPOFLUX 2 time flow direct flush system **762150** - SHA 700 squat WC **113610** - Toilet paper dispenser **2911**  
TEMPOMATIC electronic basin tap **44115715** - Soap dispenser **729150** - CANAL wash trough **120250** - Stainless steel rectangular mirror **3458**



## SPECIFICALLY DESIGNED FOR THE SECURE SECTOR

### High resistance to vandalism

DELABIE's water controls have been specifically designed to withstand intensive use and vandalism, both voluntary and involuntary.

The specific ergonomics of the products (streamlined design, tamperproof fixings, robust design) prevent any risk of harm.

Designed to be installed **cross wall** in service ducts, this equipment prevents the user from having access to the control mechanisms.

The control buttons, bodies, spouts and shower heads are made from chrome-plated solid brass.

Shock-resistant push-button limiters protect the mechanisms from the most heavy-handed users.

**Streamlined designs** and detection sensors flush to the wall prevent any risks of being pulled off.

The **fixings** are **reinforced**. The anti-rotating pin means that the whole body is securely fixed to the wall. The connecting nut ensures correct in-line installation of the push-button control and valve, resulting in ensured activation with every operation.

### Superior endurance

The time flow mechanisms in DELABIE's water controls are hard-wearing. The hydraulic timing system with a calibrated groove is self-cleaning, which extends its lifespan to over **500,000 operations**.

There is no metal-metal or metal-plastic friction, **ensuring reliable and durable timing**.

The detection system for electronic controls: **infrared active pulse** technology is the most reliable. It cannot be adjusted or affected by variations in light levels.

### Easy to install

The **threaded rods** for cross wall installation **can be cut** to the desired length. Simply connect the water supply to the flexibles.

### Minimal servicing

DELABIE guarantees minimal servicing. The flow straighteners, nozzles and mechanisms are made from **scale-resistant materials** (Hostaform®). Self-cleaning mechanisms are protected by filters.

### Simple to maintain

The **spare parts** are **standardised** to ensure quick and easy replacement by maintenance staff.

The whole of the system is integrated within an interchangeable **cartridge which can be accessed without having to remove the mixer or tap**.

Installation in service ducts enables the maintenance staff **to access the device outside of the area of use** which facilitates and secures their work.

**10-year warranty** against any manufacturing defects.

## WATER SAVINGS

### Water savings

Water saving is also a concern for the secure sector. Secure facilities accommodate people prone to acts of vandalism who are more likely to waste water voluntarily. DELABIE's fittings deliver water savings during conventional use but also prevent excessive consumption due to abuse.

- **Automatic shut-off and split delivery**

**The flow shuts off automatically** when hands are removed from the detection zone for electronic versions, or after several seconds for time flow versions. DELABIE's water controls remove the risk of waste through negligence.

The time flow is reduced to the necessary minimum (wetting, rinsing).

- **Regulated flow rate**

The flow rate is regulated at **3 lpm** for basins, **6 lpm** for showers and **3L/6L** for the TEMPOFLUX 2 and 3 WC ranges, which can be adjusted to 2L/4L.

### Anti-blocking system

To avoid abuse and waste, TEMPOSTOP and TEMPOFLUX 3 time flow models can be fitted with an **AB anti-blocking system**. This prevents the valve from being blocked in the open position. Water will not flow unless the push-button is released.

On TEMPOMATIC electronic models, the valve will block temporarily in case of abuse.

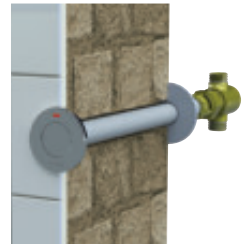
## HYGIENE AND CONTROLLING BACTERIAL PROLIFERATION

### Automatic shut-off with no manual contact

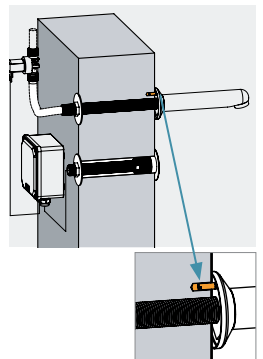
No manual contact after washing prevents the spread of germs by hand.

### Anti-bacterial duty flush programme

DELABIE's electronic water controls have a duty flush programme. **An automatic flush takes place every 24 hours after the last use** (basins, showers and urinals).



Cross wall time flow control



Cross wall electronic control with anti-rotating pin



Anti-blocking system



Hygiene and controlling bacterial proliferation

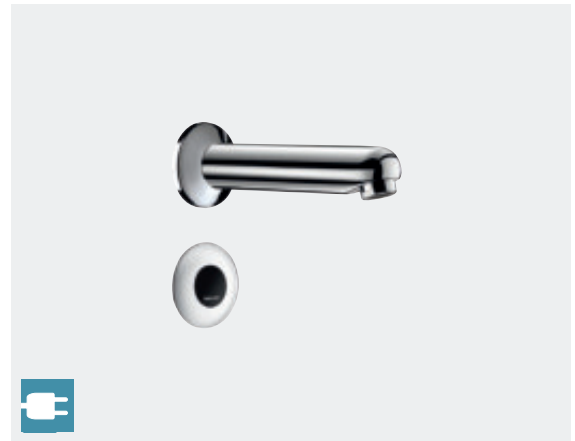


- **Water savings:** 90%
- **Vandal-resistant:** chrome-plated solid brass, cross wall installation, concealed fixings
- **Maintenance:** LED diagnostic aids
- **Hygiene:** no manual contact and anti-bacterial duty flush

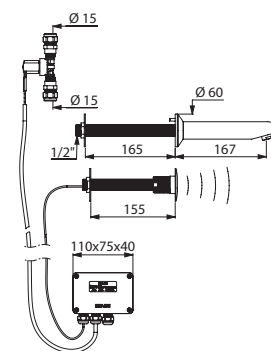


## TEMPOMATIC

Cross wall electronic basin tap



- **Independent IP65 electronic control unit.**
- **230/12V mains supply with transformer.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Scale-resistant flow straightener.**
- **Adjustable duty flush**  
(pre-set flush ~60 seconds every 24 hours after last use).
- Chrome-plated fixed spout L. 170mm with anti-rotating pin and back nut.
- Wall plate flush to the wall.
- Shock-resistant infrared presence detection sensor.
- Anti-blocking security.
- For walls ≤ 155mm.
- Solenoid valve M3/8" with filter seal.
- Threaded rods can be cut to size.
- 10-year warranty.



44115715

<b>TEMPOMATIC cross wall basin tap</b>	<b>44115715</b>	<b>£517.42</b>
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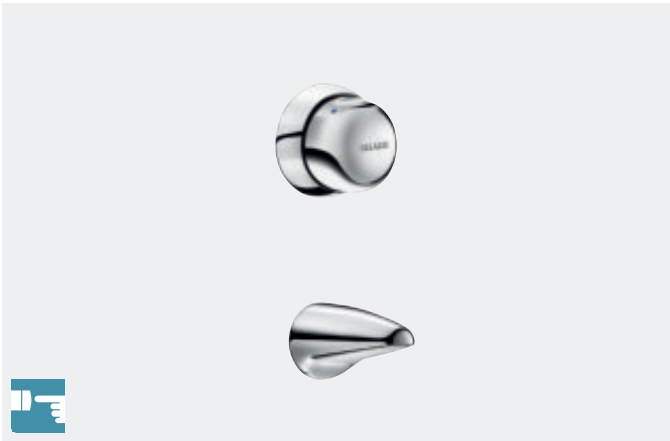
We recommend installing a TMV (see page 151)  
Alternative spout and cross wall lengths available on request



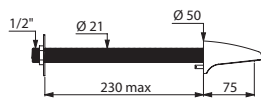
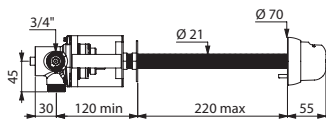
- **Water savings:** 85%
- **Vandal-resistant:** cross wall installation, concealed fixings, anti-blocking system (AB)

### TEMPOMIX

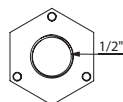
Cross wall time flow basin mixer



- **Soft-touch operation.**
- **Temperature control and operation via the push-button.**
- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Chrome-plated solid brass body M<sup>3/4</sup>".
- Chrome-plated metal push-button.
- Filters and non-return valves.
- Adjustable maximum temperature limiter.
- Tamperproof cross wall control ≤ 220mm.
- Tamperproof fixed cross wall spout ≤ 230mm.
- System for fixing to the wall via anti-rotating pin, back-nut and connection clamp.
- Threaded rods can be cut to size.
- 10-year warranty.



795209



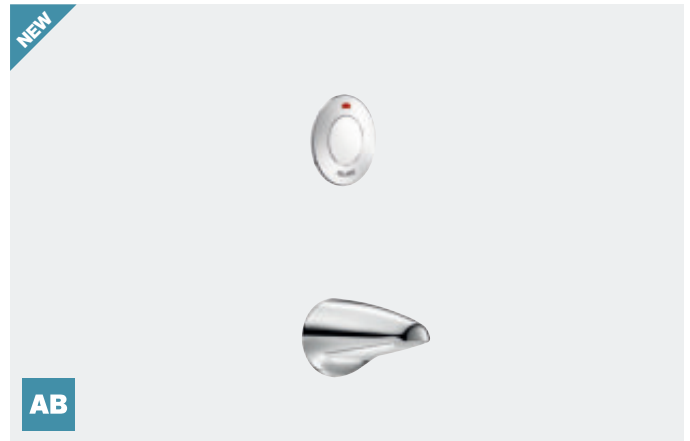
826315

TEMPOMIX cross wall basin mixer		
TEMPOMIX cross wall	<b>795209</b>	<b>£457.38</b>
Back nut F <sup>1/2</sup> " with 3 screws (reinforcing clamp behind the wall)	<b>826315</b>	<b>£10.26</b>

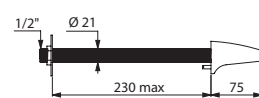
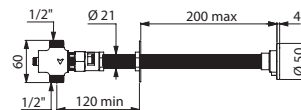
Alternative cross wall lengths (up to 400mm, min. 200 units) available on request

### TEMPOSTOP

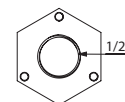
Cross wall time flow basin tap



- **Time flow ~7 seconds.**
- **Flow rate pre-set at 3 lpm** at 3 bar, can be adjusted from 1.4 - 6 lpm.
- **Tamperproof scale-resistant flow straightener.**
- Tamperproof cross wall control ≤ 220mm.
- Chrome-plated solid brass fixed tamperproof cross wall spout ≤ 230mm.
- Anti-rotating pin and back nut.
- **AB anti-blocking system:** water only flows when push-button is released.
- Available with 1 or 2 controls.
- Threaded rods can be cut to size.
- 10-year warranty.



748110



826315

TEMPOSTOP cross wall basin tap		
1 control	<b>748110</b>	<b>£212.90</b>
2 controls	<b>748210</b>	<b>£286.29</b>
Back-nut F <sup>1/2</sup> " with 3 screws (reinforcing clamp behind the wall)	<b>826315</b>	<b>£10.26</b>

We recommend installing a TMV (see page 151)  
Alternative cross wall lengths available on request

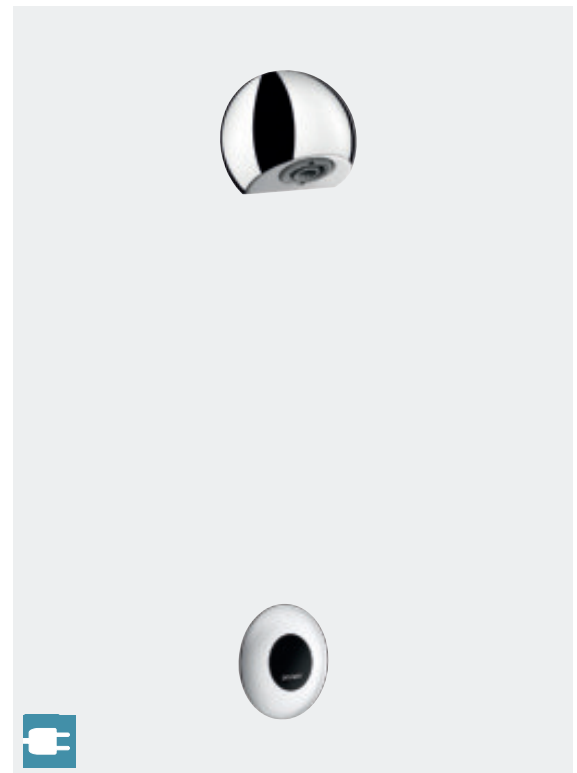


- **Water savings:** 80%
- **Vandal-resistant:** chrome-plated solid brass, cross wall installation, concealed fixings
- **Hygiene:** no manual contact, anti-bacterial duty flush, scale-resistant shower head
- **Maintenance:** LED diagnostic aids

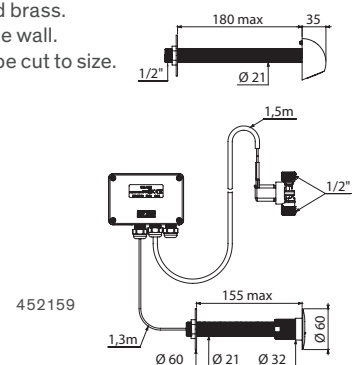


**TEMPOMATIC**

Cross wall electronic shower kit



- **TEMPOMATIC electronic valve** for mixed water supply.
- For walls  $\leq 155\text{mm}$ .
- Power supply by electronic control unit with solenoid valve  $1/2"$ .
- 230/12V transformer.
- **2 operation modes:**
  - automatic activation via presence detection.
  - voluntary ON/OFF activation by passing hand in front of sensor  $\sim 10\text{ cm}$ .
- **Duty flush** ( $\sim 60$  seconds every 24 hours after the last use).
- **Adjustable time flow** 30 - 60 seconds.
- **Flow rate 6 lpm** at 3 bar with chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated solid brass.
- Wall plate flush to the wall.
- Threaded rods can be cut to size.
- 10-year warranty.



<b>TEMPOMATIC cross wall shower kit</b>		
Kit with shower head	<b>452159</b>	<b>£494.51</b>
Control without shower head	<b>452150</b>	<b>£390.39</b>

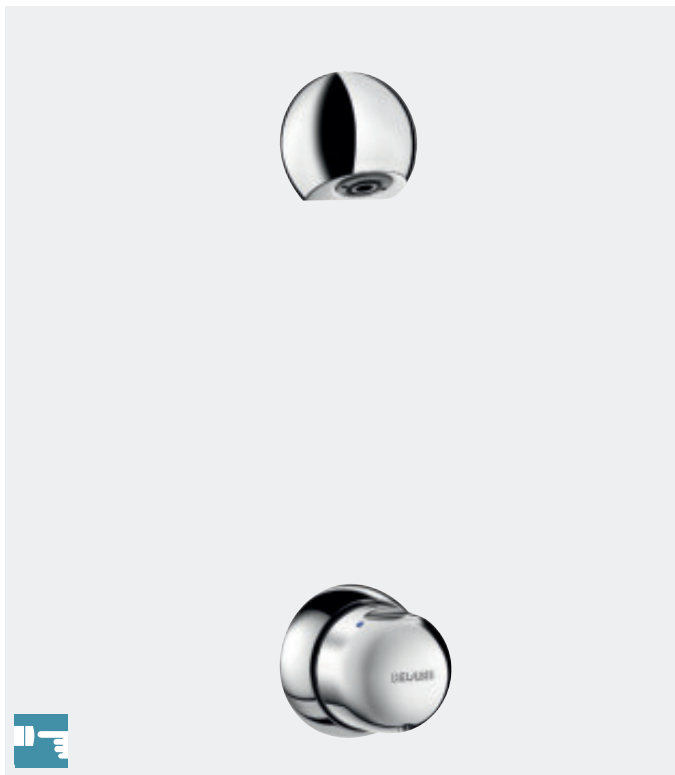
We recommend installing a TMV (see page 151) and a floor trap (see page 139)



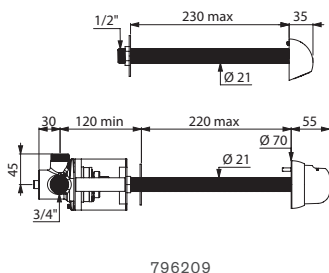
- **Water savings:** 80%
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Hygiene:** scale-resistant shower head

### TEMPOMIX

Cross wall time flow shower kit



- **TEMPOMIX 3/4" single control mixer.**
- For walls ≤ 220mm.
- Temperature control and operation via the push-button.
- Maximum temperature limiter (can be adjusted by the installer).
- **Ligature-resistant collar.**
- **Soft-touch operation.**
- **Time flow ~30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Solid brass valve body and shower head.
- Integrated filters and non-return valves.
- **Chrome-plated metal push-button.**
- Threaded rods can be cut to size.
- 10-year warranty.

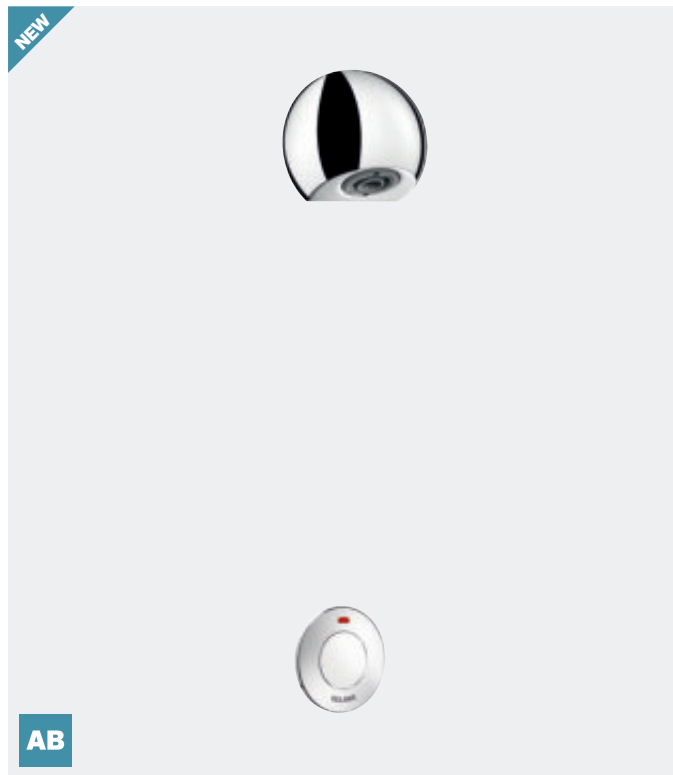


**TEMPOMIX cross wall shower kit**      **796209**      **£486.10**

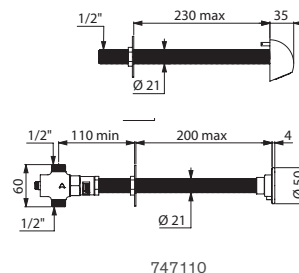
We recommend installing a floor trap (see page 139)  
Other cross wall lengths available on request (minimum 200 units)

### TEMPOSTOP

Cross wall time flow shower kit



- **TEMPOSTOP M1/2" time flow valve** for mixed water supply.
- For cross wall installation.
- **Time flow ~15 or 30 seconds.**
- **Flow rate 6 lpm** at 3 bar.
- Chrome-plated, tamperproof, scale-resistant **ROUND shower head** with automatic flow rate regulation.
- Chrome-plated metal control.
- Concealed fixings and anti-rotating pin.
- Threaded rods can be cut to size.
- **Available with AB anti-blocking system:** water only flows when push-button is released.
- 10-year warranty.



#### TEMPOSTOP cross wall shower kit

For walls ≤ 200mm, AB system, ~15 seconds	<b>747110</b>	<b>£270.67</b>
For walls ≤ 200mm, ~30 seconds	<b>749110</b>	<b>£270.67</b>
Back-nut with 3 screws (reinforced clamp behind the wall)	<b>826315</b>	<b>£10.26</b>

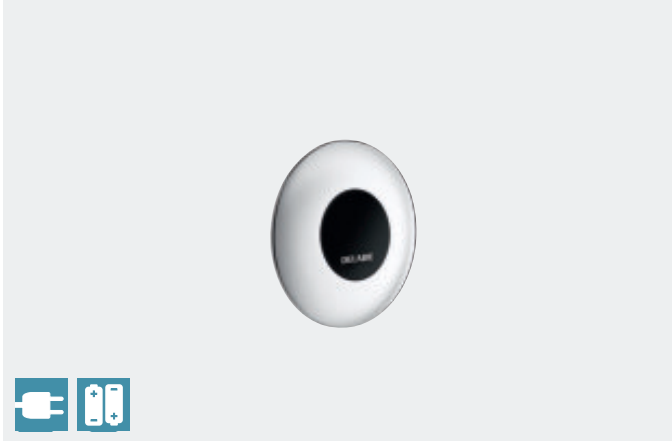
We recommend installing a TMV (see page 151) and a floor trap (see page 139)



- **Water savings:** 60%
- **Vandal-resistant:** cross wall installation, concealed fixings

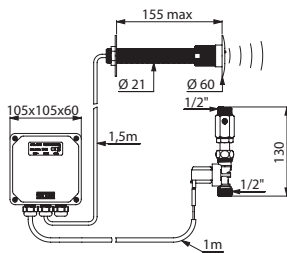
### TEMPOMATIC

Cross wall electronic urinal valve



- **Mains supply or 6V Lithium batteries.**
- Electronic control unit 12V with solenoid valve, filter and stopcock M $\frac{1}{2}$ ".
- For cross wall installation.
- Shock-resistant infrared presence detection sensor.
- **Detection distance, time flow and flow rate can be adjusted** during installation.
- We recommend a 230/12V transformer (see below) for mains supply models.
- **Detection delay is 3 seconds.**
- **Automatic pre-rinse** is possible.
- **Time flow ~3 seconds**, can be adjusted from 3 - 12 seconds.
- **Hygienic duty flush** every 24 hours after last use: prevents vacuums.
- Flow rate 0.3 L/sec. at 3 bar, can be adjusted.
- Wall plate flush to the wall.
- Threaded rod can be cut to size.
- Compatible with rain water.
- 10-year warranty.

For version with TEMPOFIX 3 frame system: see page 179



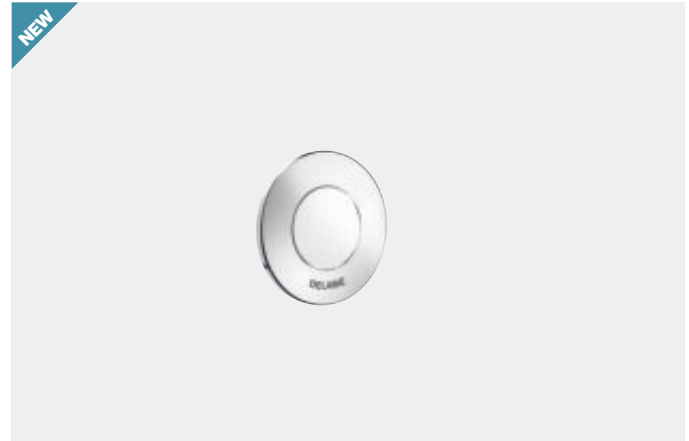
428150

TEMPOMATIC cross wall urinal valve		
For walls ≤ 155mm - 12V mains supply	428150	£430.95
For walls ≤ 225mm - 12V mains supply	428200	£438.79
For walls ≤ 155mm - 6V Lithium battery-operated	428156	£430.95
For walls ≤ 225mm - 6V Lithium battery-operated	428206	£438.79
Transformer 230/12V for 1 - 5 TEMPOMATIC urinals		
Without housing	406000	£101.42
In a waterproof housing	406220	£352.34

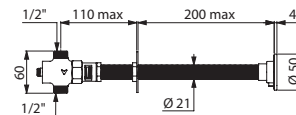
Alternative cross wall lengths available on request

### TEMPOSTOP

Cross wall time flow urinal valve



- For standard or siphon action urinals.
- For walls ≤ 200mm.
- Compatible with rain water.
- **Time flow ~3 seconds.**
- **Flow rate pre-set at 0.15 L/sec.** at 3 bar, can be adjusted.
- Chrome-plated metal body M $\frac{1}{2}$ ".
- Control base plate with anti-rotating pin.
- Connecting nut.
- Threaded rod can be cut to size.
- 10-year warranty.



777110

TEMPOSTOP cross wall urinal valve		
	777110	£120.45

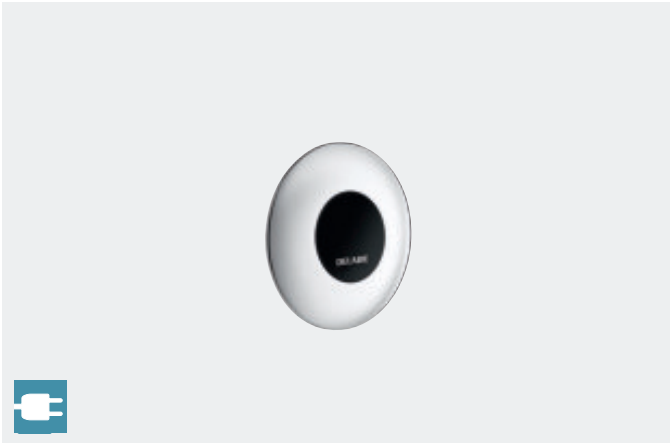
Alternative cross wall lengths available on request



- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Hygiene:** automatic flush with no manual contact, no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** voluntary activation or automatic flush

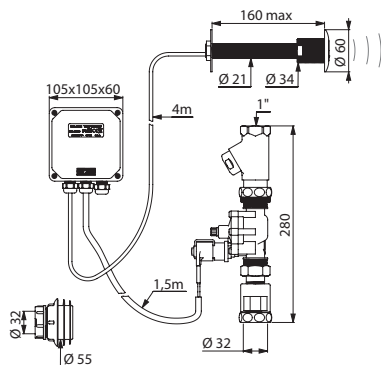
## TEMPOMATIC

Cross wall electronic flush valve



- **Flush system without cistern:** directly connected to pipework.
- Mains supply with 1" solenoid valve.
- 230/12V transformer.
- IP65 independent electronic unit.
- For cross wall installation.
- Shock-resistant infrared presence detection sensor.
- **Touch-free automatic activation** when the user leaves or **voluntary touch-free** (when hand is moved 4cm from the sensor).
- **Time flow ~7 seconds**, can be adjusted from 3 - 12 seconds.
- **Detection distance, flow rate and flush volume can be adjusted.**
- Stopcock FF1".
- Vacuum breaker Ø 32mm.
- Connection washer Ø 32/55mm.
- Wall plate flush to the wall.
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.

For version with TEMPOFIX 3 frame system: see page 221.



463150

### TEMPOMATIC WC cross wall

For walls ≤ 30mm	463030	£812.04
For walls ≤ 160mm	463150	£812.04

Alternative cross wall lengths available on request





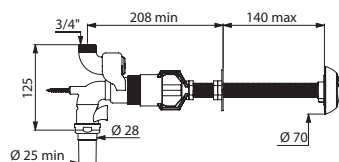
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly, 3L/6L dual flush
- **Vandal-resistant:** solid brass, cross wall installation, concealed fixings
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II

### TEMPOFLUX 2

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls  $\leq 140\text{mm}$ .
- **3L/6L dual flush** can be adjusted to 2L/4L.
- **Soft-touch operation.**
- **Vacuum breaker.**
- **Integrated stopcock and flow rate/flush volume adjuster.**
- Solid brass body.
- Chrome-plated metal push-button.
- In-line inlet  $M\frac{3}{4}$ ".
- Outlet connection for PVC tube  $\varnothing 26/32\text{mm}$ .
- Threaded rod can be cut to size.
- **Acoustic level complies with European standard EN 12541 class II.**
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Compatible with rain water.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



762150

#### Vandal-resistant

A **cross wall installation** is the most appropriate solution to withstand any risk of vandalism. With its **chrome-plated metal** push-button flush to the wall, the valve cannot be ripped off.

#### Maintenance

Any maintenance on the cross wall TEMPOFLUX 2 is done via **service ducts**. It provides the **installer** with a higher level of **security** in the secure sector and better access. Cartridges are easy to change without having to remove the valve.

#### Efficient direct flush

The flush valve is connected directly to the water supply. Employing **the pressure from the system**, the flush is more effective. Direct flush is **always available**, even for successive flushes. There is no delay while the cistern refills. Solving the problem of intensive use (playtime in schools, half-time at a football match, break in a factory, concert interlude, etc.).

#### Water savings

TEMPOFLUX 2 has a **3L/6L dual flush** which optimises flushing and water savings. **The flush volume can be adjusted to 2L/4L** to achieve the highest standards for international labels.

*For more information see page 8.*

Direct flush reduces the risk of leaks, unlike cisterns, where drips and leaks can go unnoticed and generate large water bills.

#### Comfort

Thanks to its **soft-touch operation**, TEMPOFLUX 2 cross wall can be operated by all users. The **acoustic level is low** and complies with the requirements of the European standard EN 12541 class II.

#### Design

TEMPOFLUX 2 has a **timeless design**. It fits in perfectly with any type of public and commercial building. In prison, products must be resistant and secure: concealed mechanisms, streamlined designs, etc. The smooth shapes reduce the build-up of dirt and facilitate cleaning.

TEMPOFLUX 2 WC cross wall	762150	£274.59
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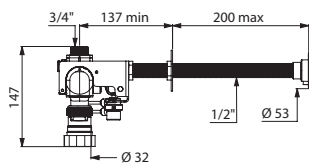
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Vandal-resistant:** cross wall installation, concealed fixings
- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)

### TEMPOFLUX 3 AB

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls  $\leq 200$ mm.
- **Soft-touch operation.**
- **AB anti-blocking system:** flush only takes place once the push-button is released.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **Stopcock and volume/flow rate adjustment, activation unit and cartridge are all integrated and accessible via the service duct.**
- Chrome-plated metal push-button.
- Shock-resistant mechanism.
- In-line inlet M $\frac{3}{4}$ ".
- Complies with European standard EN 12541 (class II acoustic level).
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without PVC flush tube.
- Compatible with rain water.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.



763256

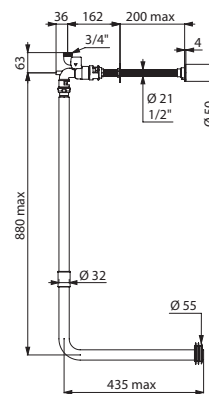
TEMPOFLUX 3 AB WC cross wall		
With flush tube	<b>763266</b>	<b>£253.75</b>
Without flush tube	<b>763256</b>	<b>£213.42</b>

### TEMPOFLUX 1 and TEMPOCHASSE

Cross wall time flow flush valve



- **Flush system without cistern:** directly connected to pipework.
- For walls  $\leq 200$ mm.
- **Time flow ~7 seconds.**
- **Vacuum breaker.**
- **In-line stopcock and flow rate/flush volume adjuster.**
- Chrome-plated metal body.
- Shock-resistant mechanism.
- In-line inlet.
- Connection washer  $\varnothing 32/55$ mm.
- Threaded rod can be cut to size.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Available with or without PVC flush tube  $\varnothing 32$ mm.
- Compatible with rain water.
- 10-year warranty.



761210

TEMPOFLUX 1 WC cross wall M $\frac{3}{4}$ " with soft-touch operation		
With flush tube	<b>761210</b>	<b>£260.99</b>
Without flush tube	<b>761110</b>	<b>£223.31</b>
TEMPOCHASSE WC cross wall F1"		
With flush tube	<b>760210</b>	<b>£288.48</b>
Without flush tube	<b>760110</b>	<b>£233.52</b>

Alternative cross wall lengths available on request

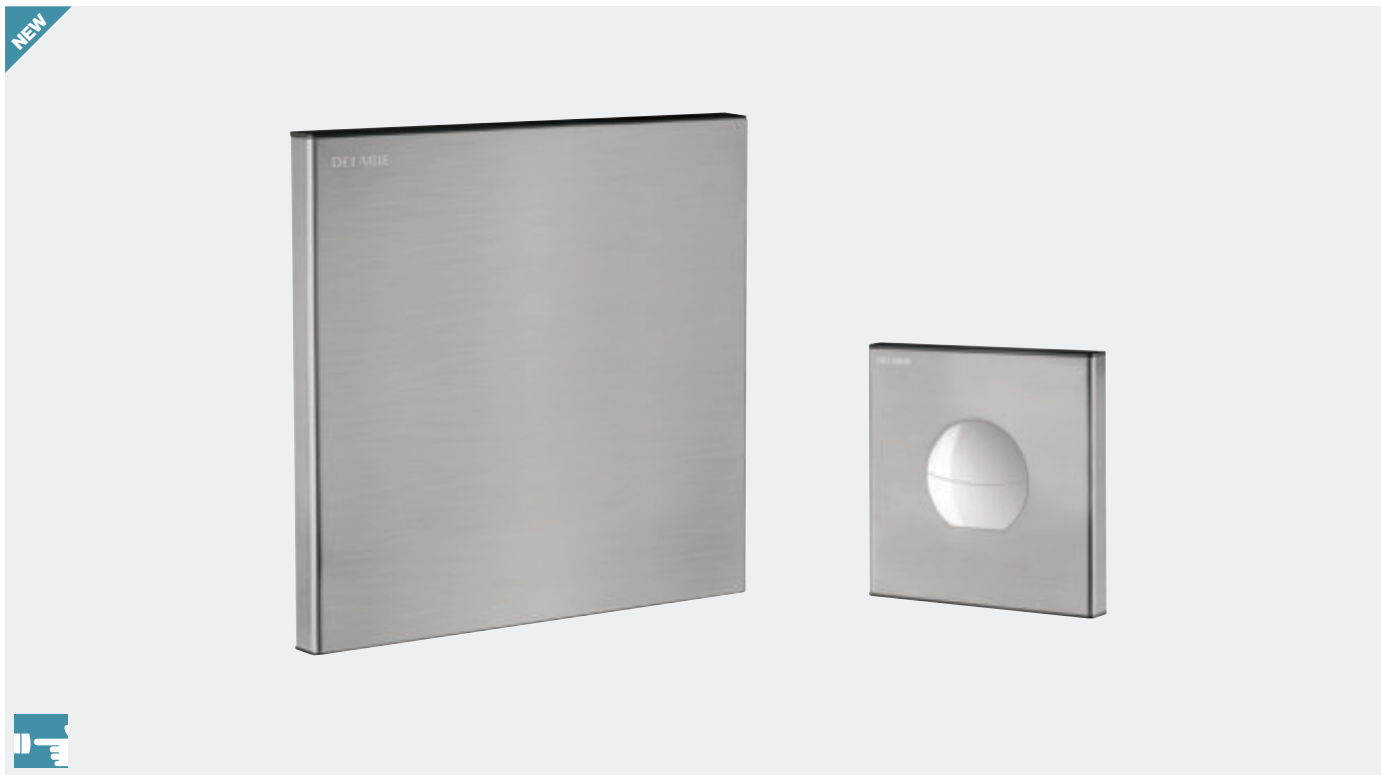




- **Hygiene:** no cistern: no water stagnation (reduces bacterial development)
- **Comfort:** soft-touch operation, low acoustic level complies with European standard EN 12541 class II
- **Efficiency and water savings:** direct flush reduces the risk of leaks, powerful flush is available instantly
- **Easy to install:** modular and adjustable waterproof housing

### TEMPOFLUX 3 AB remote

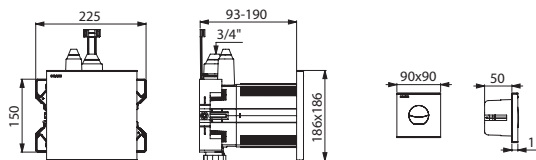
Recessed time flow flush system



- **Flush system without cistern:** directly connected to pipework.
- **Wall plate** in satin stainless steel 186 × 186mm.
- **Time flow control plate** in satin stainless steel and chrome-plated button 90 × 90mm.
- **Waterproof recessing housing:**
  - Collar with waterproof seal.
  - Hydraulic connection from the outside and maintenance from the front.
  - Adjusts to all types of installation (rails, solid walls, panels).
  - Compatible with wall finishes 10 - 120mm (while maintaining the minimum recessing depth of 93mm).
  - Suitable for standard or "pipe-in-pipe" supply.
  - Stopcock and flow rate adjustment, filter and cartridge are integrated and accessible from the front.
  - TEMPOFLUX 3 F<sup>3/4</sup>" flush valve is compatible with sea water, rain water and grey water.
  - Vacuum breaker inside the housing.
- **Soft-touch operation.**
- **AB anti-blocking system:** water only flows when push-button is released.
- **Dual flush 3L/6L, can be adjusted to 2L/4L.**
- Outlet connection for PVC tube Ø 26/32mm.
- Acoustic level complies with European standard EN 12541 class II.
- Base flow rate: 1 L/sec. at 1 bar dynamic pressure.
- Suitable for rimless WC pans without flow rate regulation and suitable for people with reduced mobility.
- 10-year warranty.

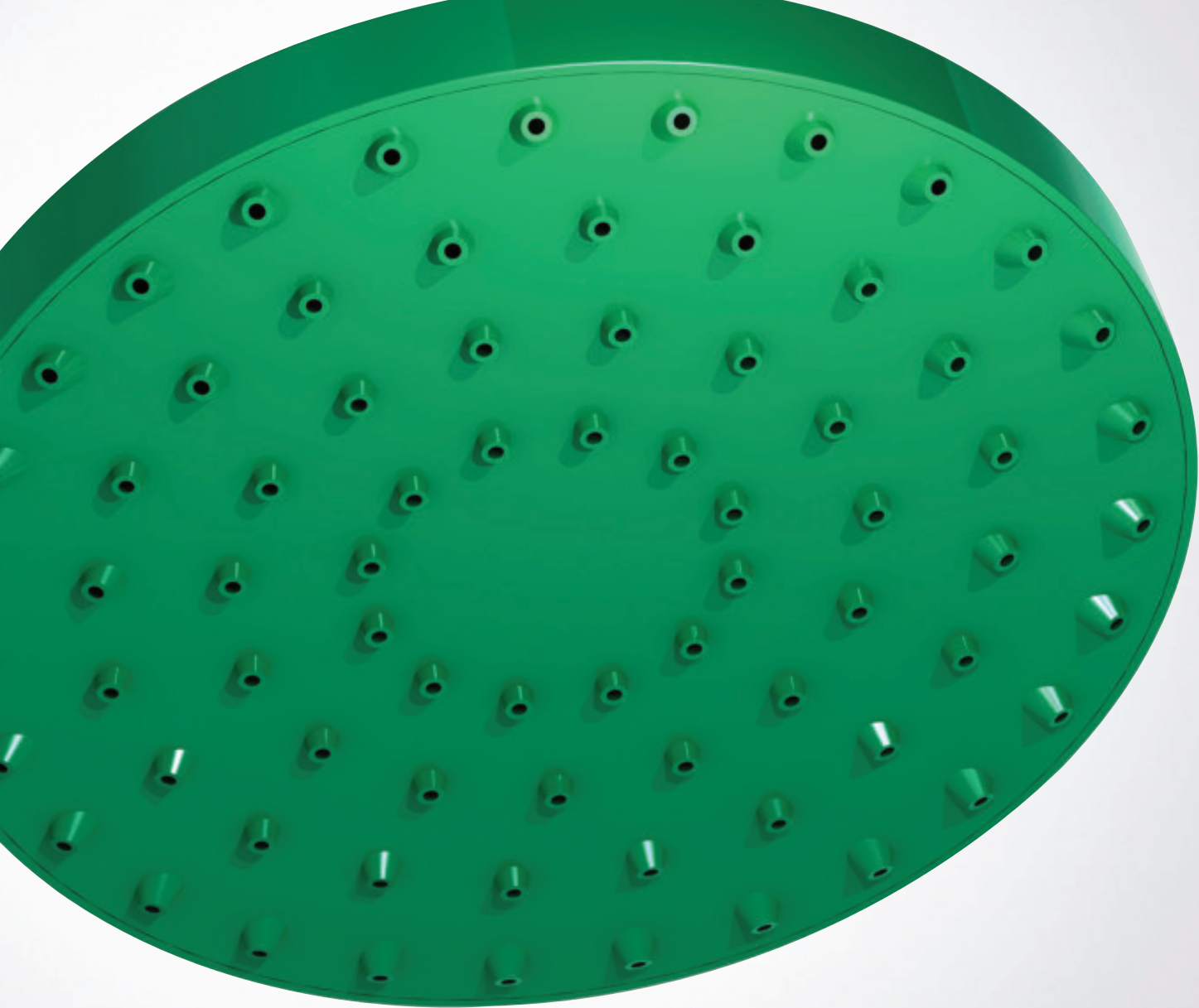


Other installation possibilities: see page 232.



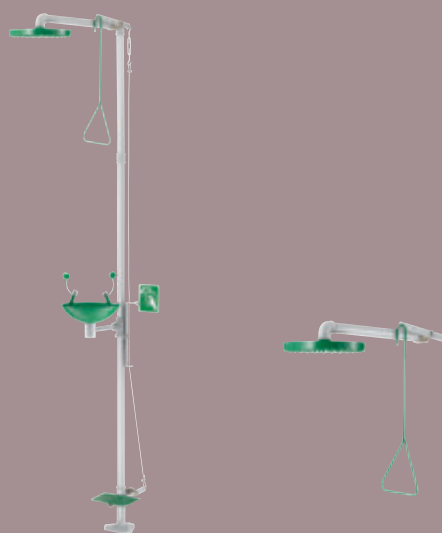
TEMPOFLUX 3 AB WC remote	763300	£426.31
We recommend a flush tube (see page 242)		

763300



# Safety controls

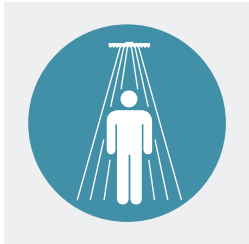
## SOLUTIONS FOR SAFETY CONTROLS **260**



## SAFETY SHOWERS **263**



## EYE WASH STATIONS **264**



Even, conical flow

## SAFETY CONTROLS: SPECIFICALLY DESIGNED FOR RAPID DECONTAMINATION

In order to address the risk of contamination to the body, face and/or eyes posed by harmful chemicals, DELABIE has developed a range of safety controls. DELABIE's safety showers and eye wash stations provide users with an **efficient decontamination** facility at the site of the incident, especially during the initial treatment phase.



Optimised rinsing for eyes

### Safety

The shower head with spray diffuser ensures an optimised spray for the whole body. The diameter and orientation of the diffuser ensures an **even, conical flow**.

The spray heads are fitted with aerators and stainless steel double filters to prevent any large debris in the water pipes coming into contact with the eyes. Protective caps prevent dust and other airborne contaminants entering the valve. The controls are easy to access.



Frost-free system comes as standard

### Reliable

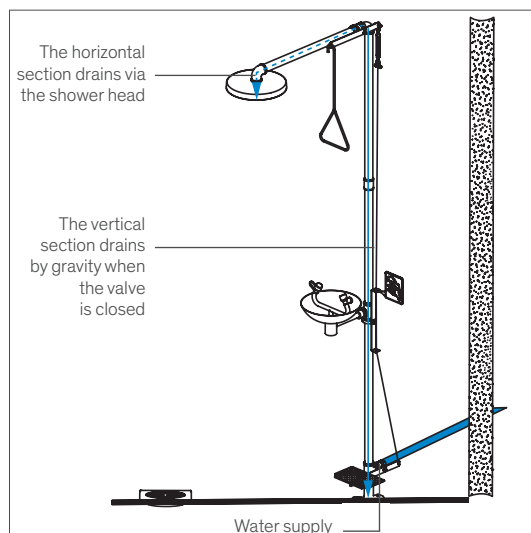
DELABIE's safety controls are fitted with **frost-free mechanisms as standard** (see below). They are made from corrosion-resistant materials.

### Frost-free system as standard

Most safety equipment is installed outside or in buildings that are not heated. DELABIE's safety controls are fitted with frost-free systems as standard and can be installed inside or outside buildings.

The frost-free system ensures that the riser column and shower head will deliver a proper spray with every use (see below).

The upstream supply pipework must also be protected from freezing temperatures.



### Efficient

DELABIE's safety controls deliver large flow rates which ensure rapid decontamination:

- Eye wash stations: flow rate 20 lpm at 3 bar dynamic pressure.
- Showers: flow rate 70 lpm at 3 bar dynamic pressure.

The diameter and position of the 74 holes in the shower head are designed for optimised rinsing.

### User comfort

The protective caps eject automatically with the pressure when the equipment is activated. The spray heads are fitted with aerators which ensure a **gentle spray** to avoid further injury to the user.

### Quick to install

DELABIE's safety controls are quick and easy to install. A mixed, potable water supply should be considered (DELABIE recommends installing a pre-mixer or a thermostatic mixing valve depending on the nature and flow rate of the equipment, see page 151).

So that the location of safety controls can be easily identified, green identification signs are supplied with each item.

### Easy to operate

DELABIE's safety controls are designed to be **quick and easy to operate**.

Water flows when the triangular handle is pulled, the foot pedal is pressed or the hand control is pulled towards the user.

### Compliance

DELABIE's safety controls comply with the following European standards:

- safety showers: European standard EN15154-1.
- eye wash stations: European standard EN15154-2.
- identification signs: International standard ISO 3864-1 covering graphic symbols, safety colours and safety signs in the work place and public places. This standard is included in the European directive 92/58/CEE standard.

### Easy to maintain

Standard parts **can be replaced without dismantling the equipment**. Maintenance staff can change the parts quickly and easily.

The equipment must be checked every 15 days to ensure that it is in good working order.

**10-year warranty** against any manufacturing defects.

**CIRCULAR SHOWER HEAD**  
Even, conical flow



**IDENTIFICATION SIGN FOR SAFETY SHOWERS**

**ERGONOMIC HANDLE**  
activates shower  
and eye wash simultaneously



**GALVANISED STEEL RISER COLUMN**  
Reliable

**IDENTIFICATION SIGN FOR EYE WASH STATIONS**



**EYE WASH STATION WITH GENTLE SPRAY**  
User comfort

**STAINLESS STEEL BASIN**  
Reliable

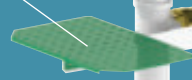
140mm



**HAND CONTROL**  
activates eye wash

**DRAINAGE**  
F1¼"

**FOOT CONTROL**  
activates eye wash



**WATER INLET F1"**

**BRASS FIXING PLATE**  
Reliable







- **Effective:** large flow rates for rapid decontamination
- **Frost-free protection:** frost-free system as standard, riser column and shower head drain
- **Comfort:** quick and easy to activate, gentle spray for users

## Eye wash and shower combination

Free-standing



- **Frost-free system as standard.**
- 304 stainless steel basin Ø 250mm with green finish.
- Eye wash spray heads fitted with protective caps in shock-resistant, green ABS. Caps eject automatically when eye wash is activated.
- **Flow rate 20 lpm** at 3 bar dynamic pressure, aerators with stainless steel double filters.
- Circular shower head Ø 250mm in green, shock-resistant ABS.
- **Flow rate 70 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- Pipes made from galvanised steel, grey powder-coated finish. Triangular pull handle in green powder-coated brass. Hand and foot controls in green powder-coated galvanised steel.
- Fixed to the floor by a brass plate (screws not included).
- Supplied with identification signs for first aid equipment: "Safety Shower" and "Safety Eye Wash".
- 10-year warranty.

### Operation:

¼-turn, nickel-plated brass valves open and close quickly.

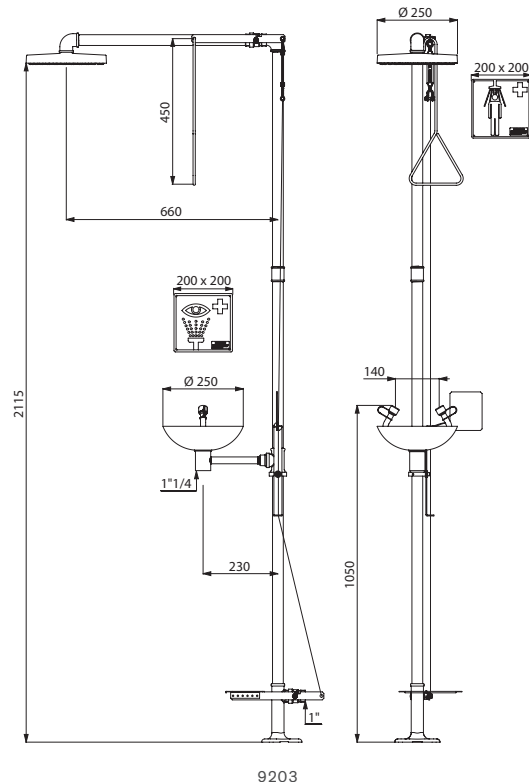
### Simultaneous eye wash and shower:

- Water flows simply by pulling on the triangular handle.
- The flow will continue even when the handle is released.
- The flow will stop when the handle is returned to its original position.

### Eye wash only:

- Water flow is operated by the foot pedal or the hand control.
- The eye wash will continue to flow when the pedal or hand control is released.
- The water flow will stop when the hand control is pulled towards the user or the foot pedal is raised.

The water does not shut off automatically, allowing the injured person to have both hands free (to remove their clothing, keep their eyes open, etc.).



9203

<b>Eye wash and shower combination</b>	<b>9203</b>	<b>£1,065.38</b>
We recommend installing a TMV (see page 151)		



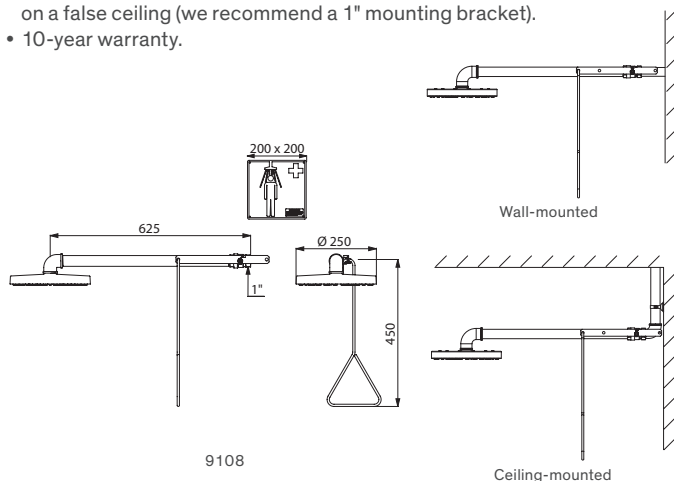
- **Effective:** large flow rate for rapid decontamination
- **Safety:** eye wash spray heads fitted with protective caps, stainless steel filters stop debris coming into contact with eyes
- **Frost-free protection:** frost-free system as standard, free-standing model drains automatically
- **Comfort:** quick and easy to activate, gentle spray for users

## Wall-mounted recessed safety shower

Horizontal model with manual control



- **Frost-free system as standard.**
- Circular shower head Ø 250mm in green, shock-resistant ABS.
- ¼-turn, nickel-plated brass valve opens and closes quickly.
- Water flows simply by pulling on the triangular handle.
- The flow will continue even when the handle is released.
- The flow will stop when the handle is returned to its original position.
- **Flow rate 70 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- Pipes made from galvanised steel, grey powder-coated finish.  
Triangular pull handle in green powder-coated brass.
- Supplied with identification sign for first aid equipment: "Safety Shower".
- For cross wall installation, with recessed supply, or for mounting on a false ceiling (we recommend a 1" mounting bracket).
- 10-year warranty.



Wall-mounted safety shower	9108	£219.54
We recommend installing a TMV (see page 151)		

## Eye wash station

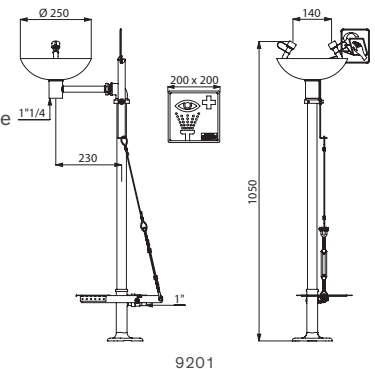
Manual and pedal control



- Free-standing eye wash station fitted with **frost-free system as standard.**
- Green powder-coated 304 stainless steel basin Ø 250mm.
- Eye wash spray heads fitted with protective caps; will eject automatically when activated.
- ¼-turn, nickel-plated brass valves open and close quickly.

### Operation:

- Model 9201: water runs when pedal or manual control is pushed.
- Model 9102: water runs when manual control is pushed.
- The eye wash will continue to operate when the pedal or manual control is released. The water flow will stop when the manual control is pulled towards the user and the pedal is raised on column versions.
- **Flow rate 20 lpm** at 3 bar dynamic pressure, aerators with stainless steel double filters.
- Pipes made from galvanised steel, powder-coated grey finish.
- Pedal and manual controls in green powder-coated galvanised steel.
- Fixed to the floor by a brass plate (screws not included).
- Supplied with identification sign for first aid equipment: "Safety Eye Wash".
- 10-year warranty.



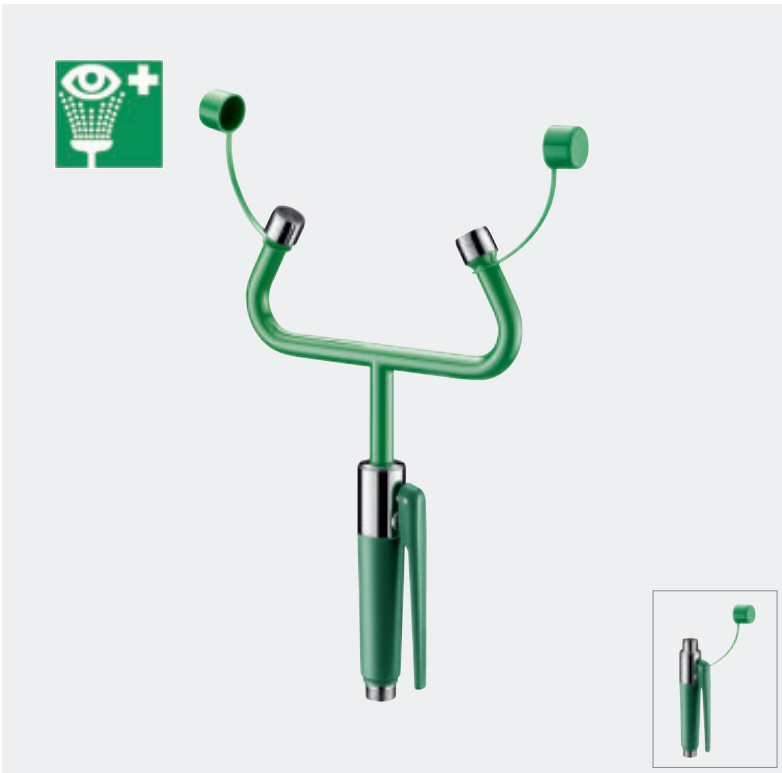
Free-standing eye wash station		
Free-standing, water supply F1"	9201	£725.19
Wall-mounted, water supply M½"	9102	£447.64
We recommend installing a TMV (see page 151)		



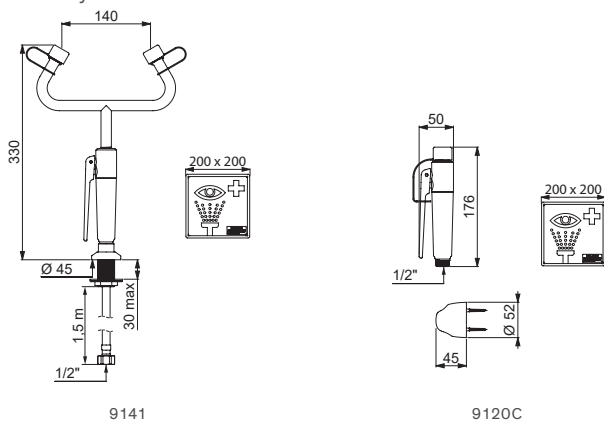
- **Effective:** large flow rate for rapid decontamination
- **Safety:** eye wash spray heads fitted with protective caps, stainless steel filters stop debris coming into contact with eyes
- **Comfort:** ergonomic grip in green polypropylene

### Trigger-operated eye wash - dual / single spray

Trigger-operated



- Eye wash spray heads fitted with protective caps in green ABS; will eject automatically when activated.
- Press the trigger to operate eye wash spray.
- A spring automatically shuts off spray.
- Aerator with stainless steel double filters.
- Ergonomic grip and trigger in green polypropylene.
- Supplied with identification sign for first aid equipment: "Safety Eye Wash".
- 10-year warranty.



Trigger-operated eye wash - dual spray (flow rate 9 lpm)		
Wall-mounted with support	<b>9121</b>	<b>£216.53</b>
Deck-mounted, flexible L.1.50m 15 × 100 ½"	<b>9141</b>	<b>£268.33</b>
Trigger-operated eye wash - single spray (flow rate 6 lpm)		
Wall-mounted with support	<b>9120C</b>	<b>£189.48</b>
Deck-mounted, flexible L.1.50m 15 × 100 ½"	<b>9140C</b>	<b>£234.54</b>

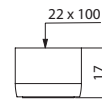
We recommend installing a TMV (see page 151)

### Additional fittings



#### Aerator F22/100:

- Aerator F22/100 with grid for comfortable spray.
- For hand sprays ref. 9120C, 9140C, 9121 and 9141 or for eye wash stations ref. 9102, 9201 and 9203.



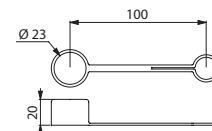
A22D75

Aerator F22/100		
For hand sprays	<b>A22D75</b>	<b>£19.40</b>
For eye wash stations	<b>A22LY75</b>	<b>£19.40</b>



#### Protective caps for aerators:

- Protective caps in green, shock-resistant ABS to protect the spray heads.
- Eject automatically when eye wash is activated.
- Supplied in packs of 2.



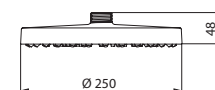
91AA75

Protective caps		
	<b>91AA75</b>	<b>£8.84</b>



#### Shower head:

- Circular shower head Ø 250mm M1".
- Green, shock-resistant ABS.
- **Flow rate 70 lpm** at 3 bar dynamic pressure.
- Water supply F1".
- 10-year warranty.



9225

Shower head		
	<b>9225</b>	<b>£61.77</b>



**Sanitary technical data**  
**Spare parts**  
**Certification**  
**Reference index**

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## GENERAL RULES FOR SANITARY INSTALLATIONS

Sanitary installations must comply with local and national water supply regulations (Water Supply Regulations, Scottish Bylaws, NF P 41-205, REEF).

These are, however, often incomplete for installations fitted with time flow controls. They require a particular assessment.

Pipework diameters are often chosen depending on the flow rate they provide to the different points-of-use, their development, the distribution height and the minimum static pressure available.

Every country has its own rules based on the same principals. Please refer to local and national regulations.

## CALCULATION CRITERIA FOR WATER SUPPLY PIPES

### Total pressure

Static pressure at the water meter.

### Static pressure

Pressure with no flow at a single point in the installation.

### Dynamic pressure

Pressure under flow at a single point in the installation.  
Maximum pressure for time flow valves to operate: 10 bar.  
Recommended pressure range: 1 to 5 bar.  
Recommended pressure on each floor: 3 bar.

(x) = number of time flow or electronic valves per installation branch.

### Base flow rate (Q mini L/sec.)

Minimum flow rate per fitting, serving as model for calculation. The base flow rates of time flow and electronic valves are mentioned in the catalogue and *table 2* (see page 270). Base flow rates are always presented in relation to dynamic pressure.

### Gross flow rate (Q)

Sum of base flow rate of the different valves on the same branch.

### Design flow rate

Gross flow rate (Q) x simultaneous coefficient (Y).

### Simultaneous coefficient

(Y) coefficient to apply to gross flow rate, relative to the number of installed valves (x) to simulate the number of valves operating simultaneously.

This coefficient will vary according to the type of product, run time and frequency of use of the sanitary facilities.

For example: the probability of having multiple showers operating at the same time is a lot higher than it is for WC flushes: a DELABIE shower runs for approximately 30 seconds at a time (over the length of the shower) while WC direct flush system (without cistern) only lasts a few seconds.

#### • Point-of-use: urinal, shower or basin.

Use the following formula:

$$Y = \frac{0,8}{\sqrt{(x-1)}}$$

#### • Direct flush valve (WC system without cistern)

Flush valves, which only operate for a few seconds, aren't counted the same way as other fittings in the calculation. These flush valve equivalents are as follows:

- for 3 installed valves: 1 valve operating
- for 4 to 12 installed valves: 2 valves operating
- for 13 to 24 installed valves: 3 valves operating
- for 25 to 50 installed valves: 4 valves operating
- for more than 50 installed valves : 5 valves operating.

Please note minimum dynamic pressure required for the correct functioning of fittings is as follows:

Product family	Ranges	Required dynamic pressure
Basins	TEMPOSTOP, TEMPOGENOU, MIX-MONOFOOT, TEMPOMATIC, BINOPTIC	0.5 bar min.
	TEMPOSOFIT, TEMPOMIX	1 bar min.
Showers	TEMPOSTOP, TEMPOMATIC, mechanical	0.5 bar min.
	SPORTING, TEMPOSOFIT, TEMPOMIX, OUTDOOR	1 bar min.
Urinals	TEMPOSTOP, TEMPOMATIC	0.5 bar min.
	TEMPOSOFIT, TEMPOFLUX	1 bar min.
WCs	TEMPOFLUX, TEMPOCHASSE, TEMPOMATIC	1 bar min.

## RECOMMENDATIONS FOR CONNECTION PIPE DIAMETER






To simplify your work, here are DELABIE's recommendations for selecting the correct internal diameter for horizontal final pipework (*table 1*). These diameters are calculated according to the base flow rates recommended by DELABIE for each point-of-use as well as the simultaneous coefficient calculated following the rules detailed in the previous chapter.

For pipes that are joined or connected using other types of quick connectors, the interior diameter of the passage through the connection should be verified.

**Important:** after choosing the diameter, check whether the residual dynamic pressure is sufficient at the valve inlets. Loss of pressure in the installation should also be considered.

**TABLE 1 / PIPEWORK DIAMETER RELATIVE TO THE NUMBER OF TIME FLOW OR ELECTRONIC VALVES**

Horizontal pipe runs - Design velocity 2 m/sec.

Time flow or electronic valve	Number of valves supplied on the same pipe run	FLOW RATE		PIPE Minimum interior diameter
		Gross flow rate L/sec.	Design corrected L/sec.	
 <b>BASIN</b> Base flow rate 0.05 L/sec.	1	0.05	0.05	6
	2 or 3	0.10 to 0.15	0.08	7
	4 to 6	0.20 to 0.30	0.09 to 0.11	8
	7 to 11	0.35 to 0.55	0.11 to 0.14	9
	12 to 17	0.60 to 0.85	0.14 to 0.17	10
	18 to 25	0.90 to 1.25	0.17 to 0.20	11
	26 to 36	1.30 to 1.80	0.21 to 0.24	12
	37 to 50	1.85 to 2.50	0.25 to 0.29	13
 <b>SHOWER</b> Base flow rate 0.10 L/sec.	1	0.10	0.10	8
	2 or 3	0.20 to 0.30	0.16 to 0.17	10
	4 or 5	0.40 to 0.50	0.18 to 0.20	11
	6 to 8	0.60 to 0.80	0.21 to 0.24	12
	9 to 15	0.90 to 1.50	0.25 to 0.32	13 to 14
	16 to 27	1.60 to 2.70	0.33 to 0.42	15 to 16
	28 to 50	2.80 to 5	0.43 to 0.57	17 to 19
	 <b>URINAL</b> With water nozzle and stall Flow rate 0.15 L/sec.	1	0.15	0.15
2 to 4		0.3 to 0.60	0.24 to 0.28	12 to 13
5 to 8		0.75 to 1.20	0.30 to 0.36	14 to 15
9 to 14		1.35 to 2.10	0.38 to 0.47	16 to 17
15 to 23		2.25 to 3.45	0.48 to 0.59	18 to 19
24 to 35		3.60 to 5.25	0.60 to 0.72	20 to 21
36 to 50		5.40 to 7.50	0.73 to 0.86	22 to 23
 <b>SIPHON ACTION URINAL</b> With small independent plastic or ceramic waste Base flow rate 0.25 L/sec.		1	0.25	0.25
	2 or 3	0.50 to 0.75	0.40 to 0.42	16
	4 to 7	1 to 1.75	0.46 to 0.57	17 to 19
	8 to 14	2 to 3.50	0.60 to 0.78	20 to 22
	15 to 25	3.75 to 6.25	0.80 to 1.02	23 to 25
	26 to 34	6.50 to 8.50	1.04 to 1.18	26 to 27
	35 to 50	8.75 to 12.50	1.20 to 1.43	28 to 30
	 <b>DIRECT FLUSH WC</b> 3/4" to 1 1/4" Base flow rate 1 L/sec.	1	1	1
2 or 3		2 to 3	1	25
4 to 12		4 to 12	2	36
13 to 24		13 to 24	3	44
25 to 50		25 to 50	4	50
+50		+50	5	56

## RECOMMENDATIONS FOR SIZING HORIZONTAL FINAL PIPEWORK

In order to determine the simultaneous coefficient, apply the recommendations from the DTU.  
Supply direct flush systems separately.

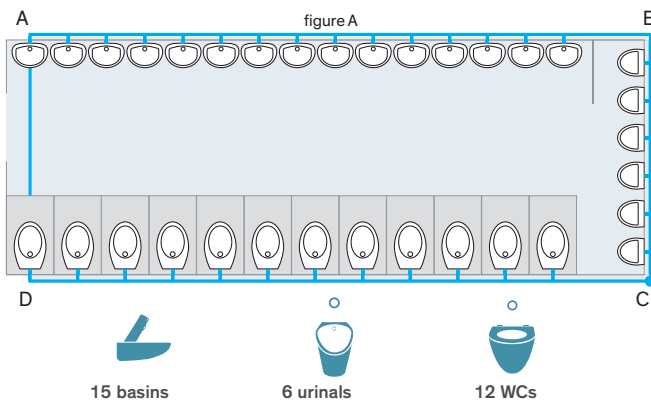
TABLE 2 / CALCULATION RULES FOR CONSIDERING SIMULTANEITY

	BASINS	SHOWERS	URINALS	SIPHON ACTION URINAL	WC
Base flow rate (Q min.)	0.05 L/sec.	0.10 L/sec.	0.15 L/sec.	0.25 L/sec.	1 L/sec.
Simultaneous coefficient (Y)	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	$\frac{0.8}{\sqrt{(x-1)}}^*$	<b>3 valves installed:</b> 1 valve operating <b>4 to 12 valves installed:</b> 2 valves operating <b>13 to 24 valves installed:</b> 3 valves operating <b>25 to 50 valves installed:</b> 4 valves operating <b>more than 50 valves installed:</b> 5 valves operating.
Design velocity (V)	2 m/sec.				

\*The formula presented here is with regards to general use.  
In the event of intensive use due to spikes in consumption (schools during break time, stadiums during half time, etc.), consult the project manager in order to establish the adequate level of simultaneity.  
The constant of 0.8 can therefore be increased to a maximum of 2.

### 1. Collect installation data for each branch

Example:



### 2. Calculate the design flow rate per installation branch

Add the base flow rates from the different fittings.  
See Q min. calculation table 2.

#### • ABC branch: basins urinals

##### Gross flow rate

	Branch	Number of fittings	Min. flow rate (Q min.)	Gross flow rate (Q)
	AB	15 basins	$\times$ 0.05 L/sec.	$=$ 0.75 L/sec.
	BC	6 urinals	$\times$ 0.15 L/sec.	$=$ 0.9 L/sec.
		21 fittings	Gross flow rate (Q min.)	$=$ 1.65 L/sec.

#### Simultaneous coefficient

To determine the simultaneous coefficient, follow the recommendations in table 2 and apply the formula:

$$Y = \frac{0.8}{\sqrt{(x-1)}}$$

#### Probable flow rate

The multiply the gross flow rate (Q) with the simultaneous coefficient (Y) in order to determine the probable flow rate.

Gross flow rate (Q)	Simultaneous coefficient (Y)	Design flow rate
1.65 L/sec.	$\times \frac{0.8}{\sqrt{(21-1)}}$	$=$ 0.30 L/sec.

#### • CD branch: Direct flush systems

Gross flow rate: 1 L/sec.

	Branch	Number of fittings
	CD	12 WC

#### Simultaneous coefficient

For direct flush, follow recommendation in table 2.

For 12 flush valves installed, there will only be 2 used simultaneously.

#### Probable flow rate

Min. flow rate	Number of valves counted	Probable flow rate
1 L/sec.	$\times$ 2	$=$ 2 L/sec.

### 3. Choice of pipework diameter: using the Darius Abacus chart

#### Reading the DARIUS ABACUS

Mark the design flow rate and the design velocity, join these points with a ruler.

The diameter and pressure drops can now be read on the corresponding scales.

#### • ABC branch: basins & urinals

(V) Design velocity = 2 m/sec.

(Q) Design flow rate = 0.30 L/sec.

- Ø minimum interior of final horizontal pipework: 14mm

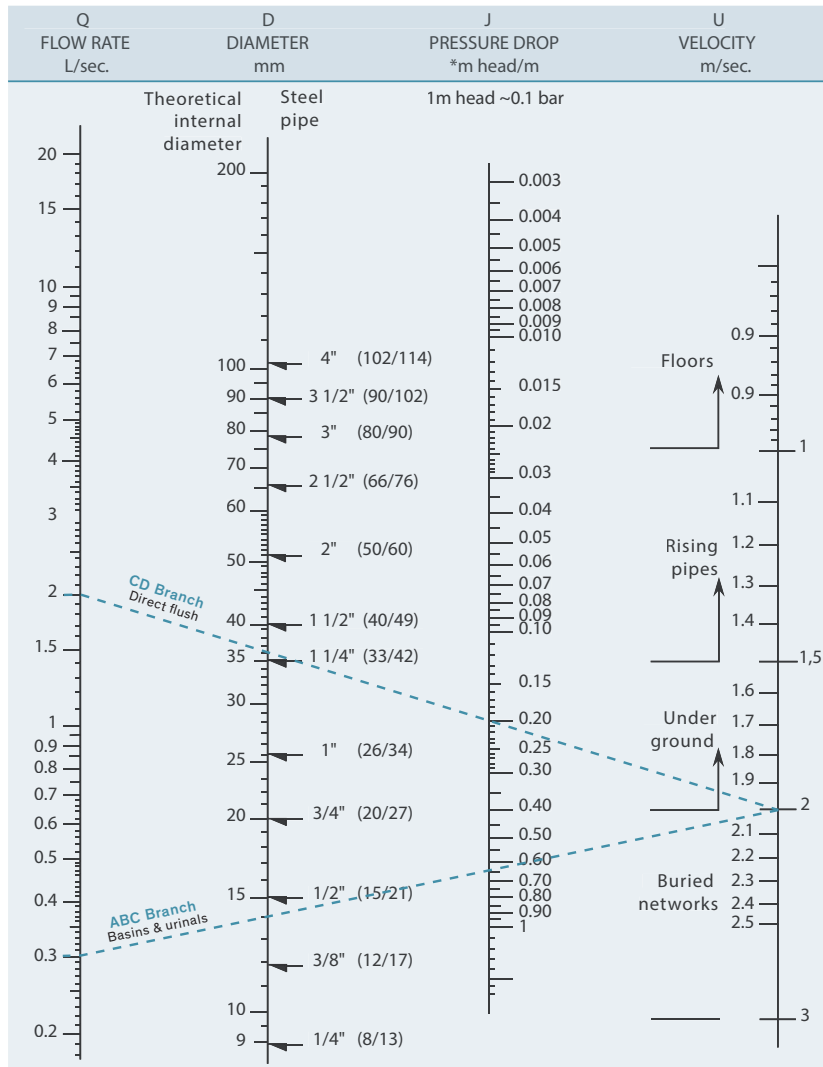


• **CD branch: direct flush**

(V) Design velocity = 2 m/sec.

(Q) Design flow rate = 2 L/sec.

- Ø minimum interior of final horizontal pipework: 36mm



#### 4. Pressure drop

In line with the rules of use, the pressure drop should be checked in the whole installation so as to confirm the choice of diameter.

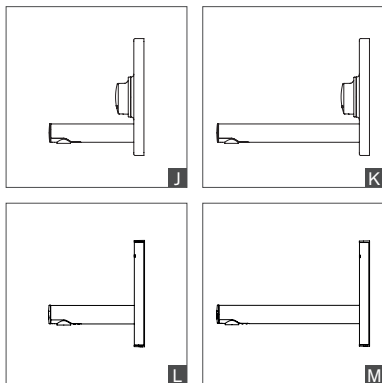
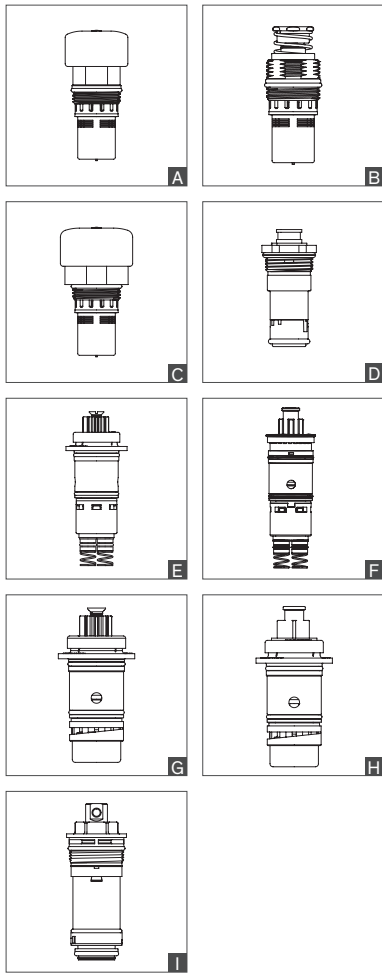
There are 3 types of pressure loss to consider:

- **Regular (or linear) pressure drops** concerning the installation. They are linked to friction in the pipework. The material (copper, multilayer, PEX, iron) used for the pipework also plays a role.
- **Slopes (or variation in altitude)** in the installation
- **Specific (or individual) pressure drops** are linked to the equipment (water meter, pressure reducers, boilers, group thermostatic mixing valves, elbows etc.). Contact manufacturers for more information.

Then check that the residual dynamic pressure is sufficient at each point-of-use.

If the drops in pressure are too significant to supply the furthest valve, choose a larger diameter or use a tank with a pressure pump (contact manufacturers).

## BASINS



### Cartridges

	Time flow (sec.)	Maintenance kit	Complete cartridge	Type
<b>For TEMPOSTOP</b>				
744000, 745100, 745107, 745200, 745250, 745257, 745300, 746000, 746007, 746292	7	-	743006 £41.63	A
745440, 745450, 746410, 747121, 748126	7	-	743306 £41.63	B
737152, 737202	3	-	743324 £41.63	B
741943, 741945, 747122L, 702451	7	-	743306AB £48.14	B
744001, 745101, 745301, 745351, 746001	7	-	743006AB £48.14	A
748150	15	-	743011 £41.63	A
748151	15	-	743011AB £48.14	A
<b>For TEMPOSTOP 2 / TEMPOMIX 2</b>				
700000, 700100, 702000	7	-	743910 £41.63	C
700000, 700100, 702000	15	-	743903 £41.63	C
700001, 700101, 702301, 702351	7	-	743910AB £48.14	C
700001, 700101, 702301, 702351	15	-	743903AB £48.14	C
700400, 700500, 702400	7	-	743306 £41.63	B
<b>For TEMPOSOFT</b>				
740000, 741000, 742000, 742100	7	-	743747 £45.37	D
<b>For TEMPOSOFT 2</b>				
740300, 740500, 741500, 741550, 742500, 742510	7	-	743747 £45.37	D
740300, 740500, 741500, 741550, 742500, 742510	15	-	743742 £45.37	D
<b>For TEMPOMIX</b>				
795000 and 795100 (old design)	7	753795 £59.32	743795 £96.14	E
795000 and 795100 (new design)	7	753795 £59.32	743791 £96.14	F
795926	7	753795 £59.32	743795 £96.14	E
795209	7	753796 £59.32	743798 £96.14	G
796000, 796838, 797000, 798152 (new design)	7	753796 £59.32	743796 £96.14	G
796000, 796838, 798152 (new design)	7	753796 £59.32	743786 £96.14	H
<b>For TEMPOMIX 3</b>				
794000, 794100, 794150, 794155, 794160, 794165, 794050, 794055, 794350, 794360, 794370, 794200, 794250	7	-	743894 £91.08	I
794000AB, 794100AB, 794150AB, 794160AB, 794155AB, 794165AB	7	-	743894AB £91.08	-
<b>For non-manual controls</b>				
TEMPOGENOU 734100, 735100, 735000, 735400, 735447	7	-	743305 £49.02	B
MONOFOOT 736001, 736101, 736102	-	753736 £22.17	-	-
MIXFOOT 739000, 739100, 739102	-	753739 £30.08	-	-

### Control plates

<b>For TEMPOMIX 3 recessed</b>				
Spout L. 110mm		794PLAQ11	£213.99	J
Spout L. 190mm		794PLAQ19	£213.99	K
<b>For BINOPTIC recessed</b>				
Spout L. 110mm - 6V battery-operated - chrome-plated stainless steel		370BCIPP	£303.80	L
Spout L. 190mm - 6V battery-operated - chrome-plated stainless steel		370BLIPP	£329.66	M
Spout L. 110mm - 6V battery-operated - satin finish stainless steel		370BCISP	£315.96	L
Spout L. 190mm - 6V battery-operated - satin finish stainless steel		370BLISP	£329.66	M
Spout L. 110mm - 230/6V mains - chrome-plated stainless steel		370BCIPS	£343.41	L
Spout L. 190mm - 230/6V mains - chrome-plated stainless steel		370BLIPS	£357.16	M
Spout L. 110mm - 230/6V mains - satin finish stainless steel		370BCISS	£330.21	L
Spout L. 190mm - 230/6V mains - satin finish stainless steel		370BLISS	£357.16	M

## SHOWERS

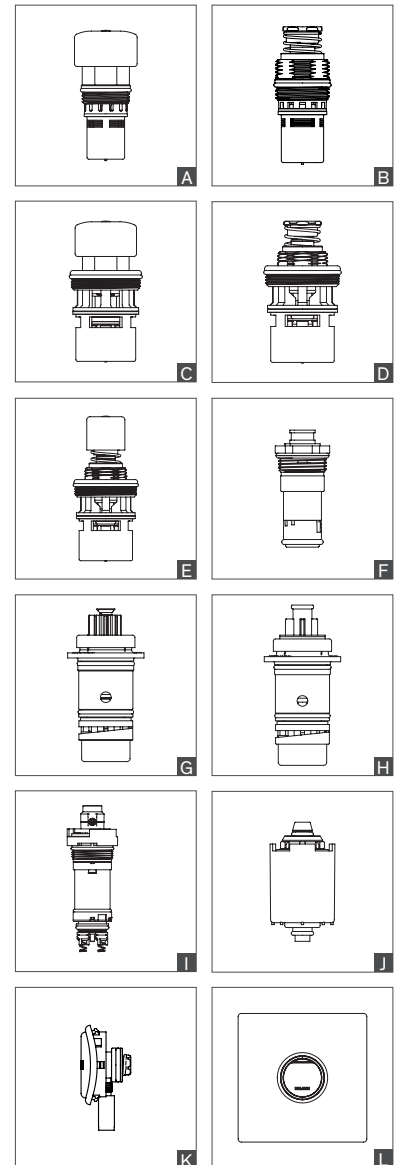
Cartridges	Time flow (sec.)	Maintenance kit		Complete cartridge		Type
<b>For TEMPOSTOP</b>						
747000, 748000	15	-	-	<b>743011</b>	<b>£41.63</b>	A
747004, 747006, 747500	15	-	-	<b>743311</b>	<b>£41.63</b>	B
749000	30	<b>753749</b>	<b>£30.08</b>	<b>743749</b>	<b>£65.39</b>	C
749BOX	30	<b>753149</b>	<b>£30.08</b>	<b>743644</b>	<b>£79.29</b>	-
749570, 749700, 749770, 749001, 749715, 749725	30	<b>753149</b>	<b>£30.08</b>	<b>743700</b>	<b>£69.23</b>	C
749142, 749146, 749152, 749159, 749212, 749219	30	<b>753149</b>	<b>£30.08</b>	<b>743642</b>	<b>£69.23</b>	D
749128, 749628, 749925	30	<b>753149</b>	<b>£30.08</b>	<b>743428</b>	<b>£69.23</b>	E
747122, 747214	15	-	-	<b>743311AB</b>	<b>£48.14</b>	B
<b>For TEMPOSOFT 2</b>						
747800, 747801, 748800, 749422, 749428, 749429, 749870	30	-	-	<b>743743</b>	<b>£45.37</b>	F
<b>For TEMPOMIX</b>						
790000, 790001, 790006, 790008, 790204, 790214, 790218, 790219, 790300, 790305, 790310, 790350, 790425, 790427, 790709, 790712, 790874, 790875, 790909, 790912, 790925, 790927, 790970 (old design)	30	<b>753790</b>	<b>£59.32</b>	<b>743790</b>	<b>£96.14</b>	G
790000, 790001, 790006, 790008, 790204, 790214, 790218, 790219, 790300, 790305, 790310, 790350, 790425, 790427, 790709, 790712, 790874, 790875, 790909, 790912, 790925, 790927, 790970 (new design)	30	<b>753790</b>	<b>£59.32</b>	<b>743789</b>	<b>£96.14</b>	H
796152, 796159, 796202, 796209	30	<b>753790</b>	<b>£59.32</b>	<b>743797</b>	<b>£96.14</b>	G
<b>For TEMPOMIX 3</b>						
794450, 794400, 794470, 794218, 794219	30	-	-	<b>743899</b>	<b>£91.08</b>	I
794450AB	30	-	-	<b>743899AB</b>	<b>£91.08</b>	I
<b>For SPORTING</b>						
713000, 714000, 714002	30	-	-	<b>743714</b>	<b>£30.08</b>	J
Starter only for: ditto	-	-	-	<b>714764</b>	<b>£30.08</b>	-
714700	30	-	-	<b>743715</b>	<b>£30.08</b>	J
Starter only for: 714700	-	-	-	<b>714765</b>	<b>£30.08</b>	K
Recessed nozzle	-	-	-	<b>714BE</b>	<b>£11.82</b>	-
714732, 714735	30	-	-	<b>743716</b>	<b>£45.35</b>	-
714732AB, 714735AB	30	-	-	<b>743716AB</b>	<b>£48.50</b>	-
<b>For OUTDOOR shower column</b>						
717510, 717511, 717520, 717521, 717540 (shower)	30	-	-	<b>743743</b>	<b>£45.37</b>	F
717511, 717521 (foot-rinse)	7	-	-	<b>743747</b>	<b>£45.37</b>	-

## Control plate

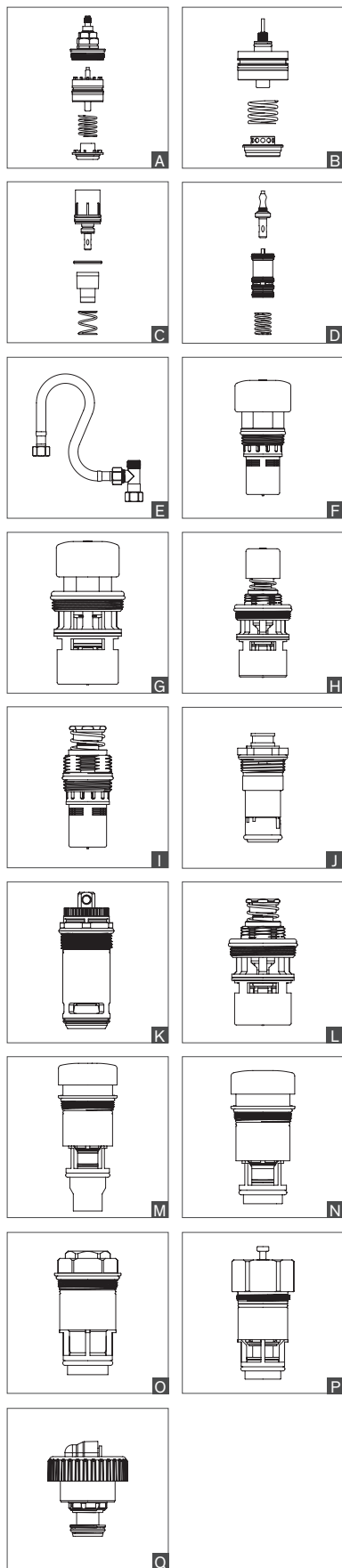
For TEMPOMIX 3 recessed	<b>794PLAQ</b>	<b>£104.59</b>	L
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## Thermostatic cartridge

<b>SECURITHERM shower panel</b>			
792300, 792303, 792304, 792305, 792310, 792313, 792314, 792320, 792324, 792330, 792334, 792340, 792344, 792350, 792354, 792370, 792380, 792390, 792400, 792403, 792404, 792410, 792413, 792414, 792504, 792514	<b>743792</b>	<b>£140.62</b>	-



## THERMOSTATIC MIXERS



	Repair kit	Type
<b>For PREMIX SECURITY after June 2008</b>		
731052, 731053	<b>753750</b>	<b>£139.45</b> A
731054, 731055	<b>753755</b>	<b>£175.69</b> B
<b>For PREMIX COMFORT after June 2008</b>		
731002, 731200, 731003, 731300	<b>753730</b>	<b>£127.31</b> A
731004, 731400, 731005, 731500	<b>753735</b>	<b>£175.69</b> B
<b>For PREMIX COMPACT</b>		
733015, 733016, 733020, 733021 (old design)	<b>753733</b>	<b>£44.53</b> C
733015, 733020 (new design)	<b>753734</b>	<b>£44.53</b> -
<b>For PREMIX NANO</b>		
732012, 732016, 732115, 732116, 732216	<b>743732</b>	<b>£42.99</b> D
Connection kit 3/8" for 732216	<b>732515</b>	<b>£47.00</b> E

## URINALS

### Cartridges

	Time flow (sec.)	Maintenance kit	Complete cartridge	Type
<b>For TEMPOSTOP</b>				
777000, 778000	3	-	<b>743004</b>	<b>£41.63</b> F
779000	7	-	<b>743707</b>	<b>£69.23</b> G
779BOX	7	-	<b>743645</b>	<b>£79.29</b> -
779128, 779427	7	-	<b>743528</b>	<b>£69.23</b> H
777200, 777924, 538300, 538350, 538400, 538450	3	-	<b>743324</b>	<b>£41.63</b> I
<b>For TEMPOSOFT 2</b>				
777130, 777140, 777800, 778800	3	-	<b>743744</b>	<b>£50.35</b> J
<b>For TEMPOFLUX</b>				
778755, 778757, 778700	3	-	<b>743778</b>	<b>£60.56</b> K
778755, 778757, 778700	7	-	<b>743777</b>	<b>£59.09</b> K

### Control plate

<b>TEMPOFLUX recessed</b>	<b>778PIS</b>	<b>£72.70</b>	-
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## WCs

### Cartridges

	Time flow (sec.)	Maintenance kit	Complete cartridge	Type	
<b>For TEMPOCHASSE</b>					
760000, 760004, 760005, 760450	7	<b>753779</b>	<b>£30.08</b>	<b>743779</b>	<b>£65.39</b> G
760150, 760220, 760605, 760627, 760700	7	<b>753779</b>	<b>£30.08</b>	<b>743605</b>	<b>£65.39</b> L
760410	7	<b>753779</b>	<b>£30.08</b>	<b>743705</b>	<b>£65.39</b> L
<b>For TEMPOFLUX</b>					
761000, 761001, 761002, 761003, 761004, 761025	7	<b>753761</b>	<b>£38.25</b>	<b>743761</b>	<b>£65.39</b> M
761627, 761900, 761920	7	<b>753761</b>	<b>£38.25</b>	<b>743762</b>	<b>£65.39</b> N
761150, 761200, 761700	7	<b>753763</b>	<b>£38.25</b>	<b>743763</b>	<b>£58.78</b> O
<b>For TEMPOFLUX 2</b>					
762901, 762902, 576211, 578300, 578305	7	-	-	<b>743622</b>	<b>£79.89</b> P
762150	7	-	-	<b>743623</b>	<b>£78.45</b> -
576227, 578400, 578405	7	-	-	<b>743677</b>	<b>£116.50</b> -
<b>For TEMPOFLUX 3</b>					
763000, 763030, 763040, 763041, 763256, 763266	7	-	-	<b>743765</b>	<b>£40.57</b> Q

### Control plates

<b>TEMPOFLUX 3 recessed</b>			
Satin stainless steel	<b>763PIM</b>	<b>£121.07</b>	-
Chrome-plated metal	<b>763PMM</b>	<b>£215.41</b>	-
Black glass	<b>763PVM</b>	<b>£351.36</b>	-

## AERATORS, FLOW STRAIGHTENERS, FILTERS, SCREWS, OTHER

	Repair kit		Type
<b>Scale-resistant aerators</b>			
F22 with ECO washer (2 per pack)	925622.2P	£15.31	A
M24 with ECO washer (2 per pack)	925624.2P	£15.31	B
<b>Comfort aerators</b>			
M16.5/100	925616.2P	£15.22	C
Removal key	222429	£4.38	D
<b>ECO aerators 1.4 lpm</b>			
M24/100	925724.2P	£13.05	E
M16.5/100	925716.2P	£18.52	F
<b>Flow straighteners at 3 lpm adjustable with 2.5mm Allen key</b>			
F22/100 with adjustable flow rate (2 per pack)	922022.2P	£10.80	G
Nylon, mesh 0.5mm for nuts 3/4" (10 per pack)	922024.2P	£10.80	H
Key to adjust (2.5mm Allen key)	C282025	£11.97	K
<b>Flow straighteners</b>			
Ø 18 for TEMPOSTOP 2 and TEMPOMIX 2	700BJ	£4.29	-
Ø 13mm for TEMPOSTOP, TEMPOSOFT 2 and TEMPOMIX 3	BJ13V	£1.83	-
M16.5/100	922016.2P	£8.86	I
Removal key for flow straightener M16.5/100	222429	£4.38	D
<b>BIOSAFE outlet</b>			
M16.5/100	923016.2P	£8.86	J
Removal key	222429	£4.38	D
<b>Flat filter washer</b>			
Nylon, mesh 0.5mm for nuts 1/2" (10 per pack)	60212.10P	£20.02	L
Nylon, mesh 0.5mm for nuts 3/4" (10 per pack)	60234.10P	£22.88	L
<b>Conical filter</b> 0.5mm mesh for nuts 3/8" (10 per pack)	60438.10P	£20.02	-
<b>Non-return valve</b>			
DW15	900015	£6.11	-
DW20	900020	£12.32	-
<b>Tamperproof screws</b> TORX M5 × 25 + metal plugs (4 per pack)	999049	£8.19	-
<b>Reinforced fixings kit for deck-mounted basin controls</b>			
Fixing plate	256P	£10.97	-
Fixing plate with threaded rods	256FIX	£13.74	-

## BINECO CONTROLS

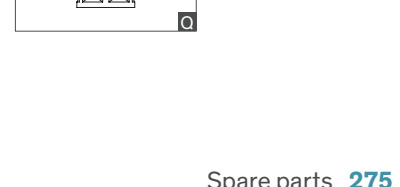
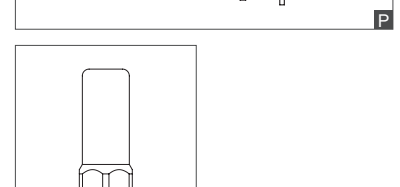
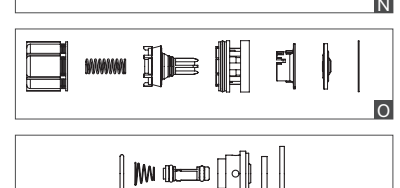
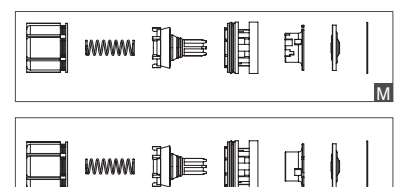
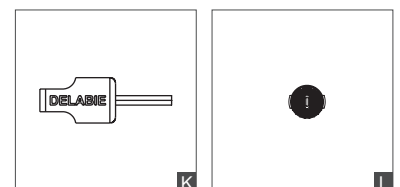
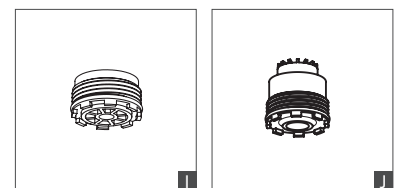
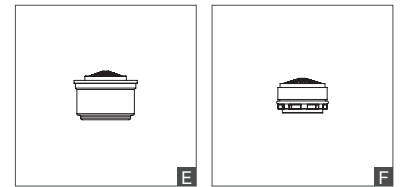
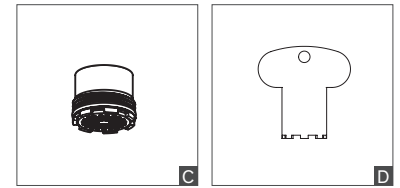
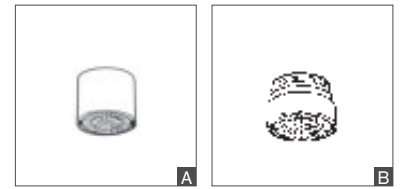
	Repair kit		Type
<b>BINECO basin ~15 seconds</b>			
Previous reference. 13A15 For series 304, 380, 601, 602, 603	KB7015	£20.98	M
<b>BINECO urinal/basin ~7 seconds</b>			
Previous reference 7A9. 1/2" For urinal series 303, 403, 356EBR, 382115, 404000 For basin series 198000, 199000, 201000, 201BIP, 68 SOL.	KB7007	£20.98	N
<b>BINECO shower ~25 seconds</b>			
Previous reference 20A25. 1/2" For series 66, 68205, 77215, 85000, 87215, 87CP2.	KB7025	£20.98	O
<b>BINECO shower, water fountain tap and bubbler</b>			
For shower push-starter 83000, 84000, 83APL, 84APL For water fountain tap and bubbler 311, 312, 319, 322, 323.	KBP311N	£12.57	P

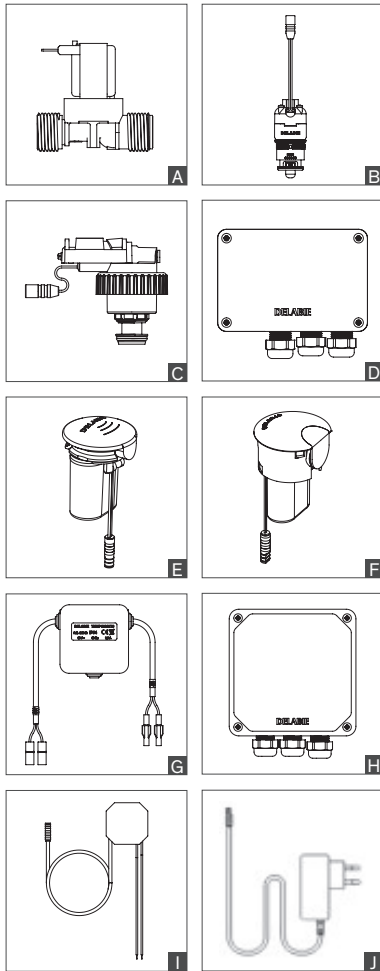
## WATER HAMMER ABSORBERS ADLACTION

- With stainless steel spring and piston
- Absorbs the smallest variations in pressure and water hammer up to 20 bar. Solid cast brass.



<b>Water hammer absorbers ADLACTION</b>			
F3/4" - H.92	23020	£35.15	Q
F1" - H.98	23026	£74.39	Q
F1 1/4" - H.103	23033	£133.03	Q





## SOLENOID VALVES

For basins, showers, urinals and WCs			
12V MM $\frac{1}{2}$ " for TEMPOMATIC basins, showers or urinals	495626	£55.34	A
12V MM $\frac{3}{8}$ " for TEMPOMATIC 1 and 2, BINOPTIC	495612	£54.53	A
12V MM $\frac{3}{4}$ " for siphon action urinals and TEMPOMATIC multi-urinals	429101	£73.82	A
12V MM1" for WCs and urinals except 463326	461035	£120.89	-
12V MM1" for WCs 463326	461034	£405.45	-
6V for TEMPOMATIC 3 basins	479749	£123.62	B
6V for TEMPOMATIC 4 basins	479748	£123.62	B
6V for TEMPOMATIC 4 basins (with adjustable flow rate)	479650	£123.62	-
6V for TEMPOMATIC 5	479666	£117.11	-
6V MM $\frac{3}{8}$ " for TEMPOMATIC 1 and 2 and BINOPTIC (old design)	495606	£123.62	-
6V MM $\frac{1}{2}$ " for TEMPOMATIC and SECURITHERM shower panels	479662	£123.62	-
6V for SPORTING 2	479661	£123.62	-
6V MM $\frac{1}{2}$ " SECURITHERM recessed for showers	479452	£123.62	-
6V MM $\frac{1}{2}$ " for recessed BINOPTIC and TEMPOMATIC 4 for urinals	430646	£87.78	-
6V for TEMPOMATIC 3 urinals	492647	£198.93	-
Electronic unit for TEMPOMATIC WC dual control	461032	£123.62	C
12V F1"-F1 $\frac{1}{4}$ " for WC with backflow prevention device and stopcock for TEMPOMATIC multifunction unit and TEMPOMATIC WC	463SRH	£234.91	-

## SOLENOID VALVES WITH ELECTRONIC CONTROL UNITS

6V for BINOPTIC 2 mains	373900	£260.26	-
6V for BINOPTIC 2 Bluetooth® mains	373901	£325.33	-
6V for BINOPTIC 2 battery-operated	373906	£260.26	-

## ELECTRONIC CONTROL UNITS

For basins, showers, urinals and WCs			
230/12V standard with "duty flush" option, with transformer for basins	495444BC	£227.03	D
6V with integrated batteries for TEMPOMATIC 3 basins	492446	£218.20	E
6V with integrated batteries TEMPOMATIC 4 basins	490446	£218.22	F
6V for TEMPOMATIC 4 basins, mains supply	490450	£218.22	F
230/12V multifunction with transformer for basins, showers, flush type 461...	495445BC	£335.11	D
6V battery-operated for basins	495446BC	£391.02	D
12V without transformer for multi-urinals with infrared barrier	487449	£340.14	G
12V without transformer for individual exposed or recessed urinals	428012	£447.01	G
12V without transformer for individual cross wall urinals	428112	£340.14	G
6V with integrated batteries for TEMPOMATIC 3 urinals	479446	£241.80	E
6V with integrated batteries for TEMPOMATIC 4 urinals	479436	£184.39	F
230/12V multifunction with transformer for dual flush type 463...	463000	£339.95	H

## SUPPLY CABLES

For TEMPOMATIC 4 basin with mains supply			
6V recessed supply	490240	£107.53	I
6V plug supply	490241UK	£73.82	J
Extension	490230EXT	£23.48	-

## SENSORS

For basins, showers, urinals and WCs			
For TEMPOMATIC multi-urinal with infrared barrier, with 5m cable	487499	£226.67	A
With cable 0.10m	495009	£87.03	A
With cable 0.70m	495070	£97.65	A
With cable 1.50m	495149	£107.66	A
With cable 5m	495499	£163.53	A
For BINOPTIC basin and TEMPOMATIC 2 basin, cable 0.70m	CEL378V	£75.80	-
For BINOPTIC basin and TEMPOMATIC 2 basin, cable 1.50m	CEL378150V	£97.21	-
For BINOPTIC basin and TEMPOMATIC 2 basin, cable 5m	CEL378499V	£163.53	-
For TEMPOMATIC WCs automatic/voluntary, with cable	463399	£230.14	A

NB: cable cannot be extended or cut

## BATTERIES

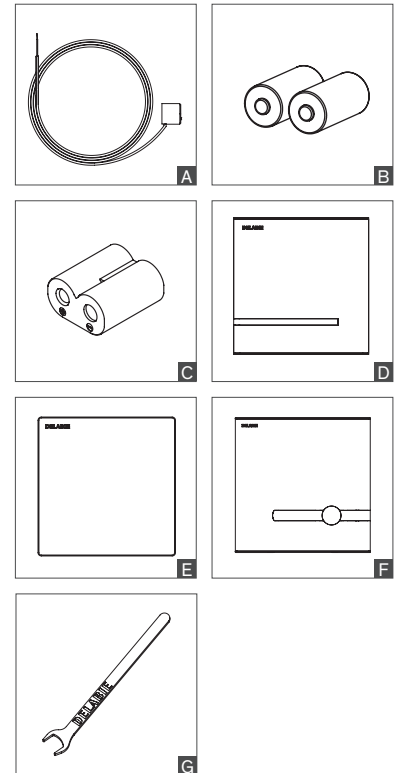
For basins, showers, urinals and WCs			
2 batteries 3V Lithium CR123 17345	990123	£21.29	B
1 battery 6V Lithium 223 CR-P2	990223	£23.94	C

## CONTROL PLATES WITH INTEGRATED ELECTRONICS

For TEMPOMATIC 4 urinals			
6V with integrated batteries - chrome-plated stainless steel	430PIPP	£253.44	D
230/6V - chrome-plated stainless steel	430PIPS	£281.60	D
6V with integrated batteries - satin finish stainless steel	430PISP	£253.44	D
230/6V - satin finish stainless steel	430PISS	£281.60	D
6V with integrated batteries - white powder-coated finish stainless steel	430PBP	£253.44	D
230/6V - white powder-coated finish stainless steel	430PBS	£281.60	D
6V with integrated batteries - tempered black glass finish	430PVP	£416.74	E
230/6V - tempered black glass finish	430PVS	£506.78	E
For TEMPOMATIC WC dual control			
6V with integrated battery - satin finish stainless steel	464PISP	£395.75	F
230/12V - satin finish stainless steel	464PISS	£469.18	F

## SPECIAL TOOLS

For waterproof recessed housing			
Spanner for 430PBOX, 430SBOX, 431PBOX, 431SBOX, 778BOX, 794BOX1, 794BOX3	430CLE	£30.22	G



**WATER REGULATIONS  
ADVISORY SERVICE**



All sanitary fittings that deliver water from a public mains water supply must comply with the Water Supply (Water Fittings) Regulations (1999) or Scottish Bylaws.

These fittings must be of an 'appropriate quality and standard' and must not contaminate the water or cause wastage.

Products that are WRAS approved demonstrate this compliance and are recognised by all water suppliers in the UK.

**TMV3 SCHEME**



The TMV scheme is an independent third party approval scheme administered by BuildCert. The scheme certifies that Type 3 thermostatic mixing valves conform to performance requirements of the NHS specification D08 in Healthcare and Commercial applications in the UK.

BuildCert also certifies Type 2 thermostatic mixing valves destined for use in domestic applications to ensure the safe use of hot water in domestic premises.

Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
30250	BIOFIL 2M non-sterile tap filter, shower flow	WRAS2106051	30/06/26			112
30251	BIOFIL 2M non-sterile tap filter, straight flow	WRAS2106051	30/06/26			149
30261	BIOFIL 2M non-sterile screw-in shower filter	WRAS2106051	30/06/26			145
30350	BIOFIL 3M non-sterile tap filter, shower flow	WRAS2106052	30/06/26			149
30351	BIOFIL 3M non-sterile tap filter, straight flow	WRAS2106052	30/06/26			149
30361	BIOFIL 3M non-sterile screw-in shower filter	WRAS2106052	30/06/26			149
30450	BIOFIL 4M non-sterile tap filter, shower flow	WRAS2106052	30/06/26			149
30451	BIOFIL 4M non-sterile tap filter, straight flow	WRAS2106052	30/06/26			149
30461	BIOFIL 4M non-sterile screw-in shower filter	WRAS2106052	30/06/26			149
311QU1	Swan neck fountain tap M3/8"	WRAS1912028	31/12/24			70
312QU1	Bubbler tap chromed M3/8" for fountain	WRAS1912028	31/12/24			70
37801515	BINOPTIC basin tap Ø15 for comp. fitting 230/12V + trans	WRAS1912055	31/12/24			41
378MCH15	BINOPTIC MIX basin mixer Ø15 for CF mains 230/12V + trans	WRAS1912055	31/12/24			41
379D1315	BINOPTIC c-w 190 basin tap Ø15 for CF spout L135 mains +trans	WRAS1910041	31/10/24			40
379DER15	BINOPTIC c-w 190 basin tap Ø15 for CF spout L205 mains +trans	WRAS1910041	31/10/24			40
379ENC15	BINOPTIC rec basin tap Ø15 for CF spout L200 mains + trans	WRAS1910041	31/10/24			40
379MCH15	BINOPTIC MIX c-wall 110 basin mix Ø15 for CF mains + trans	WRAS1910041	31/10/24			40
38801515	BINOPTIC basin tap Ø15 for CF H.170mm 230/12V mains supply	WRAS2003049	31/03/25			41
388MCHLH15	BINOPTIC MIX basin Ø15 for CF H.170mm mixer 230/12V mains	WRAS2003049	31/03/25			41
39801515	BINOPTIC basin Ø15 for CF H.250mm tap 230/12V mains supply	WRAS2003049	31/03/25			41
398MCHLH15	BINOPTIC MIX basin Ø15 for CF H.250mm mixer 230/12V mains	WRAS2003049	31/03/25			41
430000	TEMPOMATIC 4 recessed urinal st steel satin 230/6V kit 2/2	WRAS1804032	30/04/23			171
430006	TEMPOMATIC 4 recessed urinal st steel satin 6V batt kit 2/2	WRAS1804032	30/04/23			171
430010	TEMPOMATIC 4 recessed urinal pol st steel 230/6V kit 2/2	WRAS1804032	30/04/23			171
430016	TEMPOMATIC 4 recessed urinal pol st steel 6V battery kit 2/2	WRAS1804032	30/04/23			171
430020	TEMPOMATIC 4 recessed urinal white st steel 230/6V kit 2/2	WRAS1804032	30/04/23			171
430026	TEMPOMATIC 4 recessed urinal white st steel 6V batt kit 2/2	WRAS1804032	30/04/23			171
430030	TEMPOMATIC 4 recessed urinal black glass 230/6V kit2/2	WRAS1804032	30/04/23			171
430036	TEMPOMATIC 4 recessed urinal black glass 6V battery kit2/2	WRAS1804032	30/04/23			171
430PBOX	TEMPOMATIC 4 recessed elect urinal F1/2" 6V batteries kit 1/2	WRAS1804032	30/04/23			171
430SBOX	TEMPOMATIC 4 recessed electronic urinal F1/2" 230/6V kit 1/2	WRAS1804032	30/04/23			171
44200615	TEMPOMATIC 3 basin tap M1/2" 6V batteries 15mm + stopcock	Renewal	-			27
443006	TEMPOMATIC 3 wall mounted basin tap M1/2" 6V battery L190	Renewal	-			27
443406	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L.130	Renewal	-			25
443506	TEMPOMATIC 4 wall mounted basin tap M1/2" 6V batteries L190	Renewal	-			25
44000115	TEMPOMATIC 4 basin tap M1/2" rec UK mains plug Ø15 stopcock	Renewal	-			23
44000615	TEMPOMATIC 4 basin tap M1/2" 6V batteries 15mm + stopcock	Renewal	-			23
464000	TEMPOMATIC WC dual control recessed st steel 230/6V kit 2/2	WRAS2112033	31/12/26			211
464006	TEMPOMATIC WC dual control recessed st steel 6V bat. kit 2/2	WRAS2112033	31/12/26			211
464PBOX	TEMPOMATIC WC 3/4" rec dual ctrl vlv 6V bat kit 1/2 (+464006)	WRAS2112033	31/12/26			211
464SBOX	TEMPOMATIC WC 3/4" dual control rec 230/6V kit 1/2 (+464000)	WRAS2112033	31/12/26			211
48801515	BINOPTIC basin Ø15 for CF tap H.170mm 6V battery operated	WRAS2003049	31/03/25			41
488MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.170mm 6V battery operated	WRAS2003049	31/03/25			41
49801515	BINOPTIC basin Ø15 for CF tap H.250mm 6V battery operated	WRAS2003049	31/03/25			41
498MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.250mm 6V battery operated	WRAS2003049	31/03/25			41



Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
49000115	TEMPOMATIC MIX 4 basin M1/2" rec UK mains plug Ø15 stopcocks	Renewal	-			23
49000615	TEMPOMATIC MIX 4 basin mix M1/2" batteries 15mm + stopcocks	Renewal	-			23
49200615	TEMPOMATIC MIX 3 basin mix M1/2" 6V batteries Ø15 +stopcocks	Renewal	-			27
709000	Recessed vandal proof ROUND shower head M1/2"	WRAS1904701	30/04/24			142
709010	Vandal proof ROUND shower head M1/2" for panels 1-15mm	WRAS1904701	30/04/24			142
709200	Vandal proof ROUND shower head M1/2" for walls 230mm	WRAS1904701	30/04/24			142
712000	TONIC JET vandal proof recessed shower head M1/2"	WRAS1904701	30/04/24			142
712010	TONIC JET vandal proof shower head M1/2" for panels 1-10mm	WRAS1904701	30/04/24			142
714700	SPORTING 2 anodised alu sh panel M1/2" ~30sec time flow valve	WRAS1812000	31/12/23			107
716000	Ceiling mounted GYM vandal proof shower head F1/2" fixed	WRAS1904701	30/04/24			142
732115	PREMIX NANO thermostatic mixer Ø15mm nickel body	WRAS1910701	31/10/24	NSF2175/1119	07/11/24	163
732116	PREMIX NANO thermostatic mixer Ø15mm chromed body	WRAS1910701	31/10/24	NSF2175/1119	07/11/24	163
734100	TEMPOGENOU angled MM1/2" lever L350 ~7sec	WRAS1907013	31/07/24			69
735400	TEMPOGENOU inline MM1/2" lever L350 ~7sec	WRAS1907013	31/07/24			69
735447	TEMPOGENOU inline MM1/2", lever L350 ~7sec comp. fittings	WRAS1907013	31/07/24			-
73544715	TEMPOGENOU inline MM1/2", lever L350 ~7sec comp fit + olives	WRAS1907013	31/07/24			69
740500	TEMPOSOFT 2 basin tap M1/2" ~7sec time flow	WRAS1805010	31/05/23			61
741500	TEMPOSOFT 2 wall mtd basin tap M1/2" L110 ~7sec time flow	WRAS1804015	30/04/23			61
74250015	TEMPOSOFT MIX 2 mixer M1/2" ~7sec comp fit Ø15 + stopcocks	WRAS1805011	31/05/23			61
742510	TEMPOSOFT MIX 2 basin mixer F3/8" ~7sec time flow	WRAS1805011	31/05/23			-
745100	TEMPOSTOP basin tap M1/2" ~7sec time flow + back nut	WRAS2108701	31/08/26			66
745101	TEMPOSTOP AB basin tap M1/2" ~7sec time flow + back nut	WRAS2108701	31/08/26			66
745300	TEMPOSTOP basin tap M1/2" ~7sec time flow reinforced fixing	WRAS2108701	31/08/26			66
745301	TEMPOSTOP AB basin tap M1/2" ~7sec back nut with 3 screws	WRAS2108701	31/08/26			66
745440	TEMPOSTOP lever operated basin tap M1/2" ~7sec	WRAS2108701	31/08/26			66
746000	TEMPOSTOP wall mounted basin tap M1/2" ~7sec	WRAS2107082	31/07/26			67
746001	TEMPOSTOP AB wall mounted basin tap M1/2" ~7sec time flow	WRAS2107082	31/07/26			67
747800	TEMPOSOFT 2 wall mtd exp shower valve M1/2" inline ~30 sec	Renewal	-			133
748800	TEMPOSOFT 2 exposed shower valve M1/2" angled ~30 sec flow	Renewal	-			133
749428	TEMPOSOFT 2 rec shower valve M1/2" ~30 sec + wall plate Ø130	Renewal	-			133
749870	TEMPOSOFT 2 sh valve M1/2" for panels 7mm ~30 sec time flow	Renewal	-			133
792303	SECURITHERM st steel therm shower panel top inlets ~30sec	WRAS2203702	31/03/27	Renewal		98
79230415	SECURITHERM SS therm sh panel top inlets Ø15 ~30sec + soap	WRAS2203702	31/03/27	Renewal		98
792313	SECURITHERM st steel therm shower panel back inlets ~30sec	WRAS2203702	31/03/27	Renewal		98
792314	SECURITHERM SS therm sh panel back inlets ~30sec + soapdish	WRAS2203702	31/03/27	Renewal		98
792324	SECURITHERM therm SS panel top inlets ~30sec handset + fixed	WRAS2203702	31/03/27	Renewal		99
792334	SECURITHERM therm SS panel rear inlet ~30sec handset + fixed	WRAS2203702	31/03/27	Renewal		99
792344	SECURITHERM st steel therm sh panel top inlets + handspray	WRAS2203702	31/03/27	Renewal		99
792354	SECURITHERM st steel therm sh panel back inlets + handspray	WRAS2203702	31/03/27	Renewal		99
792770	SECURITHERM therm shower with filters for panels 1-7mm	WRAS2203702	31/03/27	Renewal		-
792770T	SECURITHERM TMV3 therm shower with filters for panels 1-7mm	WRAS2203702	31/03/27	Renewal		-
794000	TEMPOMIX 3 basin mixer F3/8" ~7sec time flow with stopcocks	WRAS2204047	30/04/27			-
79400015	TEMPOMIX 3 basin mix M1/2" ~7sec time flow + stopcock Ø15	WRAS2204047	30/04/27			53
794100	TEMPOMIX 3 basin mixer F3/8" ~7sec time flow	WRAS2204047	30/04/27			-
794050	TEMPOMIX 3 basin mixer M1/2" recessed ~7 sec spout L.110	WRAS2003059	31/03/25			55
794055	TEMPOMIX 3 basin mixer M1/2" recessed ~7 sec spout L.190	WRAS2003059	31/03/25			55
794150	TEMPOMIX 3 basin mix F3/8" cross wall 150 ~7 sec spout L.110	WRAS2003059	31/03/25			55
794155	TEMPOMIX 3 basin mix F3/8" cross wall 150 ~7 sec spout L.190	WRAS2003059	31/03/25			55
794160	TEMPOMIX 3 basin F3/8" cross wall 150 ~7 sec +stopcock L110	WRAS2003059	31/03/25			55
794165	TEMPOMIX 3 basin F3/8" cross wall 150 ~7 sec +stopcock L190	WRAS2003059	31/03/25			55
794350	TEMPOMIX 3 basin M1/2" exp mix 7sec c-c 150 swivel spt L150	WRAS1809014	30/09/23			53
794360	TEMPOMIX 3 basin M1/2" exp mixer 7sec c-c 150 fixed spt L150	WRAS1805009	31/05/23			53
794370	TEMPOMIX 3 basin M1/2" exp mixer ~7 sec c-c 150 short spout	WRAS1805009	31/05/23			53
794400	TEMPOMIX 3 shower M3/4" exp mixer ~30 sec c-c 150 top outlet	WRAS1805019	31/05/23			127
794470	TEMPOMIX 3 shower M1/2" exp mixer ~30 sec c-c 150 btm outlet	WRAS1805019	31/05/23			127
794BOX1+794218	Recessed thermostatic shower mixer in waterproof housing	WRAS2210040	31/10/27			123
794BOX1+794219	Recessed thermostatic shower kit in waterproof housing	WRAS2210040	31/10/27			123

Reference	Product	WRAS Certificate	Expiry Date	BuildCert Certificate	Expiry Date	Page
79500015	TEMPOMIX basin mixer M1/2" Ø15 ~7sec + stopcocks	WRAS1810035	30/11/23			59
820122N	Push-fit union F22/100 for BIOFIL tap filter	WRAS2204046	30/04/27			149
820123	Push-fit union M1/2" for BIOFIL tap filter	WRAS2204046	30/04/27			149
820124N	Push-fit union M24/100 for BIOFIL tap filter	WRAS2204046	30/04/27			149
820125	Push-fit union M24×125 for BIOFIL tap filter	WRAS2204046	30/04/27			149
820126N	Push-fit union M16.5×100 for BIOFIL tap filter	WRAS2204046	30/04/27			149
821122	Anti-vandal union F22/100 for BIOFIL tap filter	WRAS2204046	30/04/27			149
821123	Anti-vandal union M1/2" for BIOFIL tap filter	WRAS2204046	30/04/27			149
821124	Anti-vandal union M24/100 for BIOFIL tap filter	WRAS2204046	30/04/27			149
821125	Anti-vandal union M24/125 for BIOFIL tap filter	WRAS2204046	30/04/27			149
825015	Inline stopcock union nickel plated MF1/2" L35	WRAS2012035	31/12/25			144
855755	2 × STOP/CHECK unions M1/2"-M3/4", offset 12mm	WRAS2012053	31/12/25			-
855755UK	2 × STOP/CHECK unions M1/2"-M3/4" inline	WRAS2012053	31/12/25			72
941120	Wall mounted fixed L-shaped spout M1/2" L120 - H60 adj FS	WRAS1811017	30/11/23			71
947120	Wall mounted fixed spout M1/2" L.110 H16 Ø32 adjustable FS	WRAS1811017	30/11/23			71
947135	Wall mtd fixed spout M1/2" L120 H16 Ø32 adj FS + plate Ø60	WRAS1811017	30/11/23			71
947151	Fixed spout for walls 165mm M1/2" L120 Ø32 adjustable FS	WRAS1811017	30/11/23			71
947157	Fixed spout for walls 165mm M1/2" L170 Ø32 adjustable FS	WRAS1811017	30/11/23			71
947170	Wall mounted fixed spout M1/2" L160 H16 Ø32 adjustable FS	WRAS1811017	30/11/23			71
9639SRV	Single control thermostatic sequential mixer	Renewal	-			-
967152	Swivel swan neck spout M1/2" L150 H120 adj flow straightener	WRAS1811018	30/11/23			71
967202	Swivel swan neck spout M1/2" L200 H200 adj flow straightener	WRAS1811018	30/11/23			71
H9634	SECURITHERM thermostatic sequential shower panel back inlets	Renewal	-			101
H9635	SECURITHERM therm seq shower panel back inlets + handset	Renewal	-			101
H9636	SECURITHERM sequential shower panel flexi inlets w. handset	Renewal	-			101
H963615	SECURITHERM sequential shower panel copper inlets w. handset	Renewal	-			101
H9639	SECURITHERM sequential therm shower panel flexible inlets	Renewal	-			101
H963915	SECURITHERM sequential therm shower panel copper inlets Ø15	Renewal	-			101



# DELABIE / Reference index

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
1306T1	Tubular swivel spout Ø22 H140 L150	105.84	71	37301615	BINOPTIC 2 basin tap Ø15mm pol st steel batteries 6V +stopcock	433.09	29
1306T2	Tubular swivel spout Ø22 H260 L200	122.55	71	37303015	BINOPTIC 2 basin tap Ø15mm matte black mains 230/6V +stopcock	498.16	29
1306T3	Tubular swivel spout Ø22 H260 L300	133.30	71	37303615	BINOPTIC 2 basin tap Ø15mm matte black 6V batteries + stopcock	498.16	29
133788	Discontinued	-	-	373110E	BINOPTIC 2 basin tap M¾" pol stainless steel mains Bluetooth	507.53	29
133888	Discontinued	-	-	373900	Electronic housing and solenoid valve for BINOPTIC 2 mains	260.26	276
134118	Discontinued	-	-	373901	Electronic housing +solenoid vlv for BINOPTIC 2 mains Bluetooth	325.33	276
134718	Discontinued	-	-	373906	Electronic housing and solenoid valve for BINOPTIC 2 batteries	260.26	276
200000	Pre-mixer COMPACT MF½" for basin non return valves	83.92	73	37400015	BINOPTIC 2 basin tap Ø15mm sat st H170 mains +stopcock	459.11	31
204001	Deck mounted fixed spout M½" L150 H170 Ø16 FS 3lpm	75.93	71	37400615	BINOPTIC 2 basin tap Ø15mm sat st H170 batteries +stopcock	459.11	31
222429	Key for flow straightener removal, aerator, biosafe M16.5/100	4.38	72	37401015	BINOPTIC 2 basin tap Ø15mm pol st H170 mains +stopcock	459.11	31
23015	Water hammer absorber, F½" H90	29.74	-	37401615	BINOPTIC 2 basin tap Ø15mm pol st H170 batteries +stopcock	459.11	31
23020	Water hammer absorber, F¾" H92	35.15	275	37403015	BINOPTIC 2 basin tap Ø15 matte black H170 mains +stopcock	524.18	31
23026	Water hammer absorber, F1" H98	74.39	275	37403615	BINOPTIC 2 basin tap Ø15 matte black H170 batteries +stopcock	524.18	31
23033	Water hammer absorber, F1 ½" H103	133.03	275	374110E	BINOPTIC 2 bas tap M¾" pol stainless st H170 mains Bluetooth	533.54	31
256FIX	Fixing plate + threaded rods L. 130mm for mixers	13.74	275	37500015	BINOPTIC 2 basin tap Ø15 sat st H250 mains 230/6V stopcock	485.14	33
256P	Fixing plate for mixers	10.97	275	37500615	BINOPTIC 2 basin tap Ø15 sat st steel H250 batteries +stopcock	485.14	33
292015.2P	2 x Moulded wall plate Ø60x21x5 for tap M½"	10.28	67	37501015	BINOPTIC 2 basin tap Ø15 pol stainless st H250 mains +stopcock	485.14	33
292020	2 x Moulded wall plate Ø55x27x2 for tap M¾"	5.84	239	37501615	BINOPTIC 2 basin tap Ø15 pol st steel H250 batteries +stopcock	485.14	33
30050A.10P	Replaced by 30250	-	-	37503015	BINOPTIC 2 basin tap Ø15 matte black H250 mains +stopcock	550.21	33
30050P.10P	Replaced by 30250	-	-	37503615	BINOPTIC 2 basin tap Ø15 matte black H250 batteries +stopcock	550.21	33
30051A.10P	*10 x BIOFIL cart filter laminar (while stock then 30251)	725.63	-	375110E	BINOPTIC 2 bas tap M¾" pol stainless st H250 mains Bluetooth	559.58	33
30051P.10P	*10 x BIOFIL cart filter laminar (while stock then 30251)	725.63	-	378015	BINOPTIC basin tap M¾" mains 230/12V + trans	395.19	-
30060.10P	Replaced by 30261	-	-	37801515	BINOPTIC basin tap Ø15 for comp. fitting 230/12V + trans	419.93	41
30061.10P	Replaced by 30261	-	-	378015LD	BINOPTIC basin tap M¾" mains 230/12V 1.4 lpm	399.03	-
30250	BIOFIL 2M non-sterile tap filter, shower flow	74.85	112	378035	BINOPTIC basins M¾" matte black mains 230/12V	469.81	41
30251	BIOFIL 2M non-sterile tap filter, straight flow	74.85	149	378MCH	BINOPTIC MIX basin mixer M¾" mains 230/12V + trans	517.46	-
30261	BIOFIL 2M non-sterile screw-in shower filter	81.88	112	378MCH15	BINOPTIC MIX basin mixer Ø15 for CF mains 230/12V + trans	557.49	41
30350	BIOFIL 3M non-sterile tap filter, shower flow	96.77	149	378MCHB	BINOPTIC MIX basins M¾" matte black mixer mains 230/12V	593.91	41
30351	BIOFIL 3M non-sterile tap filter, straight flow	96.77	149	378MCHLD	BINOPTIC MIX basin mix M¾" mains 230/12V 1.4 lpm	521.30	-
30361	BIOFIL 3M non-sterile screw-in shower filter	98.13	149	379D13	BINOPTIC c-wall 190 basin tap M¾" spout L135 mains + trans	405.62	-
30450	BIOFIL 4M non-sterile tap filter, shower flow	106.91	149	379D1315	BINOPTIC c-w 190 basin tap Ø15 for CF spout L135 mains +trans	430.34	40
30451	BIOFIL 4M non-sterile tap filter, straight flow	106.91	149	379D13LD	BINOPTIC bsin M¾" tap Xwall 190mm spout L135mm mains 1.4 lpm	409.31	-
30461	BIOFIL 4M non-sterile screw-in shower filter	108.26	149	379DER	BINOPTIC c-wall 190 basin tap M¾" spout L205 mains + trans	405.62	-
304FC	Replaced by 60438.10P	-	-	379DER15	BINOPTIC c-w 190 basin tap Ø15 for CF spout L205 mains +trans	429.63	40
309000	Replaced by 776000	-	-	379DERLD	BINOPTIC bsin M¾" tap Xwall 190mm spout L205mm mains 1.4 lpm	409.31	-
310000	SIPHURINOIR vertical siphon +comp seal Ø50/32 H115 chr brass	107.53	192	379ECM	BINOPTIC MIX recessed/plate basin mix M¾" mains + trans	791.74	40
311QU1	Swan neck fountain tap M¾"	118.42	70	379ECML	BINOPTIC MIX rec basin mix M¾" mains + trans, long lever	832.34	40
311TR1	Swan neck fountain tap for Rilsan tube 4x6	117.11	70	379ENC	BINOPTIC rec basin tap M¾" spout L200 mains + trans	416.07	-
312QU1	Bubbler tap chromed M¾" for fountain	86.68	70	379ENC15	BINOPTIC rec basin tap Ø15 for CF spout L200 mains + trans	440.79	40
312TR1	*Bubbler tap for Rilsan tube (stock then 312QU1)	104.24	-	379ENCB	BINOPTIC basins M¾" rec. tap matte black spout L.200mm mains	490.98	40
318200	*Bubbler/spout for partitions L200 (while stock)	87.72	-	379ENCLD	BINOPTIC recessed basin tap M¾" spout L200 mains 1.4 lpm	419.91	-
319T61	Push button for fountain taps for Rilsan tube 4x6	90.70	70	379MCH	BINOPTIC MIX c-wall 110 basin mix M¾" mains 230/12V +trans	535.36	-
370000	BINOPTIC 2 rec basin tap satin 230/6V L110 kit 2/2 (+370SBOX)	486.56	39	379MCH15	BINOPTIC MIX c-wall 110 basin mix Ø15 for CF mains + trans	575.39	40
370006	BINOPTIC 2 rec basin tap satin 6V batt L110 kit 2/2 (+370PBOX)	422.54	39	379MCHB	BINOPTIC MIX basins M¾" mix matt black CW110 mains230/12V	612.06	40
370010	BINOPTIC 2 rec basin tap pol SS 230/6V L110 kit2/2 (+370SBOX)	502.67	39	38101015	BINOPTIC 2 basin tap Ø15 pol st st L140, CW, mains + stopcock	420.08	35
370016	BINOPTIC 2 rec basin tap pol SS 6V batt L110 kit2/2 (+370PBOX)	438.71	39	38201015	BINOPTIC 2 basin tap Ø15 pol st st L220, CW, mains +stopcock	433.09	35
370100	BINOPTIC 2 rec basin tap satin 230/6V L190 kit 2/2 (+370SBOX)	489.13	39	383000	BINOPTIC 2 basin tap M½" sat st st L140 panels, mains, stpck	390.39	35
370106	BINOPTIC 2 rec basin tap satin 6V batt L190 kit 2/2 (+370PBOX)	425.06	39	383010	BINOPTIC 2 basin tap M½" pol st st L140 panels, mains, stpck	390.39	35
370110	BINOPTIC 2 rec basin tap pol SS 230/6V L190 kit2/2 (+370SBOX)	505.21	39	384100	BINOPTIC 2 basin tap M½" w-mounted sat st steel L220 mains	416.43	35
370116	BINOPTIC 2 rec basin tap pol SS 6V batt L190 kit2/2 (+370PBOX)	441.25	39	384110	BINOPTIC 2 basin tap M½" w-mounted pol st steel L220 mains	416.43	35
370BCIPP	Short spout plate pol. st. st. - batteries for rec. BINOPTIC 2	303.80	272	384110E	BINOPTIC 2 basin tap M½" wall-m pol st steel L220 Bluetooth	494.51	35
370BCIPS	Short spout plate pol. st. st. - mains for recessed BINOPTIC 2	343.41	272	384130	BINOPTIC 2 basin tap M½" wall-mounted matte black L220 mains	481.49	35
370BCISP	Short spout plate satin st. st. - batteries for rec BINOPTIC 2	315.96	272	38801515	BINOPTIC basin tap Ø15 for CF H.170mm 230/12V mains supply	446.70	41
370BCISS	Short spout plate satin st. st. - mains for rec. BINOPTIC 2	330.21	272	388035	BINOPTIC basins M¾" matte black tap H. 170mm mains 230/12V	498.14	41
370BLIPP	Long spout plate pol. st. st. - batteries for rec. BINOPTIC 2	329.66	272	388MCHB	BINOPTIC basins M¾" matte black mixer H. 170mm mains 230/12V	622.04	41
370BLIPS	Long spout plate pol. st. st. - mains for rec. BINOPTIC 2	357.16	272	388MCHLH15	BINOPTIC MIX basin Ø15 for CF H.170mm mixer 230/12V mains	584.03	41
370BLISP	Long spout plate satin st. st. - batteries for rec. BINOPTIC 2	329.66	272	39801515	BINOPTIC basin Ø15 for CF H.250mm tap 230/12V mains supply	488.29	41
370BLISS	Long spout plate satin st. st. - mains for rec. BINOPTIC 2	357.16	272	398035	BINOPTIC basins M¾" matte black tap H. 250mm mains 230/12V	540.38	41
370PBOX	Waterproof rec housing for BINOPTIC 2 basin 6V battery kit 1/2	159.08	39	398MCHB	BINOPTIC basins M¾" matte black mixer H. 250mm mains 230/12V	664.28	41
370SBOX	Waterproof rec housing for BINOPTIC 2 basin 230/6V kit 1/2	177.65	39	398MCHLH15	BINOPTIC MIX basin Ø15 for CF H.250mm mixer 230/12V mains	625.64	41
371100	100 tokens Ø24 5-10 min delay	240.05	-	406000	Transformer 230/12V without box, suitable for DIN rail	101.42	178
37300015	BINOPTIC 2 basin tap Ø15mm sat st steel mains +stopcock	433.09	29	406220	Transformer 230/12V with waterproof box grey PVC	352.34	178
37300615	BINOPTIC 2 basin tap Ø15mm sat st steel batteries 6V +stopcock	433.09	29	428012	Elect control unit 12V for TEMPOMATIC urinal no transformer	447.01	276
37301015	BINOPTIC2 basin tap Ø15mm pol st steel mains 230/6V +stopcock	433.09	29	428112	Elect control unit 12V for c-wall TEMPOMATIC urinal no trans	340.14	276

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
428150	TEMPOMATIC c-wall 155mm urinal valve M½" mains 12V	430.95	178	44900015	TEMPOMATIC 5 basin tap M½" rec mains supply Ø15 +stopcock	294.10	43
428156	TEMPOMATIC urinal valve M½" cross wall 155mm battery-op	430.95	178	44900115	TEMPOMATIC 5 basin tap M½" UK mains plug Ø15 + stopcock	294.10	43
428200	TEMPOMATIC c-wall 225mm urinal valve M½" mains 12V	438.79	178	44900615	TEMPOMATIC 5 basin tap M½" 6V batteries 15mm + stopcock	294.10	43
428206	TEMPOMATIC urinal valve M½" cross wall 225mm battery-op	438.79	178	449406	TEMPOMATIC 5 wall mounted basin tap M½" 6V batteries L.110	279.72	-
428221	Replaced by 430010	-	-	449410	TEMPOMATIC 5 basin M½" tap CW 230/6V rec. mains L.110	304.05	-
428BOX	Replaced by 430SBOX	-	-	449416	TEMPOMATIC 5 basin M½" cross wall tap 6V L.110	304.05	-
429101	Solenoid valve M¾" 12V + filter for TEMPOMATIC urinal	73.82	276	452150	TEMPOMATIC cross wall 150mm shower valve M½" mains 230/12V	390.39	117
430000	TEMPOMATIC 4 recessed urinal st steel satin 230/6V kit 2/2	406.02	171	452159	TEMPOMATIC c.w. 150mm sh.valve M½" 230/12V+ROUND sh. head	494.51	117
430006	TEMPOMATIC 4 recessed urinal st steel satin 6V batt kit 2/2	378.94	171	452300	TEMPOMATIC aluminium shower panel 6V battery-op top inlet	741.65	83
430010	TEMPOMATIC 4 recessed urinal pol st steel 230/6V kit 2/2	406.02	171	452310	TEMPOMATIC aluminium shower panel 6V battery-op back inlet	741.65	83
430016	TEMPOMATIC 4 recessed urinal pol st steel 6V battery kit 2/2	378.94	171	452565	TEMPOMATIC recessed shower valve M½" mains 230/12V	475.51	117
430020	TEMPOMATIC 4 recessed urinal white st steel 230/6V kit 2/2	406.02	171	452569	TEMPOMATIC recessed sh. valve M½" 230/12V + ROUND sh. head	578.54	117
430026	TEMPOMATIC 4 recessed urinal white st steel 6V batt kit 2/2	378.94	171	461032	Cartridge and solenoid valve for dual control TEMPOMATIC WC	123.62	276
430030	TEMPOMATIC 4 recessed urinal black glass 230/6V kit2/2	481.49	171	461034	Solenoid valve MM1" 12V for TEMPOMATIC WC 463326	405.45	276
430036	TEMPOMATIC 4 recessed urinal black glass 6V battery kit2/2	455.46	171	461035	Solenoid valve MM1" 12V for TEMPOMATIC WC + urinal	120.89	276
430646	Solenoid valve 6V f. TEMPOMATIC 4 ur. and BINOPTIC 2 recessed	87.78	276	463000	Electronic multi unit 230/12V for TEMPOMATIC WC + trans	339.95	276
430845	½" union for TEMPOMATIC 4 rec and urinal valve with flexi	19.19	-	463030	TEMPOMATIC WC cross wall 30mm valve 1" mains 230/12V	812.04	221
430CLE	Fork wrench for recessing box	30.22	277	463150	TEMPOMATIC WC cross wall 160mm valve 1" mains 230/12V	812.04	221
430PBOX	TEMPOMATIC 4 recessed elect urinal F½" 6V batteries kit 1/2	132.00	171	463200	Replaced by 463150	-	-
430PBP	White cover plate battery-op for TEMPOMATIC 4 rec urinal	253.44	277	463399	Detector for TEMPOMATIC WC with 4m cable	230.14	277
430PBS	White cover plate mains for TEMPOMATIC 4 recessed urinal	281.60	277	463SRH	Solenoid valve + stopcock F1" + vacuum breaker Ø32 for WC	234.91	276
430PIPP	Pol SS cover plate battery-op for TEMPOMATIC 4 rec urinal	253.44	277	464000	TEMPOMATIC WC dual control recessed st steel 230/6V kit 2/2	571.66	211
430PIPS	Pol st steel cover plate mains for TEMPOMATIC 4 rec urinal	281.60	277	464006	TEMPOMATIC WC dual control recessed st steel 6V bat. kit 2/2	543.08	211
430PISP	SS satin cover plate battery-op for TEMPOMATIC 4 rec urinal	253.44	277	464300	TEMPOMATIC recessed dual ctrl ¾" WC valve, side ctrl 230/6V	771.44	217
430PISS	St steel satin cover plate mains for TEMPOMATIC 4 rec urinal	281.60	277	464306	TEMPOMATIC rec dual ctrl ¾" WC valve, side ctrl batteries	744.37	217
430PVP	Black glass cover plate batt-op for TEMPOMATIC 4 rec urinal	416.74	277	464PBOX	TEMPOMATIC WC ¾" rec dual ctrl vlv 6V bat kit 1/2 (+464006)	171.50	211
430PVS	Black glass cover plate mains for TEMPOMATIC 4 rec urinal	506.78	277	464PISP	Satin SS plate - batteries for TEMPOMATIC WC rec dual control	395.75	277
430SBOX	TEMPOMATIC 4 recessed electronic urinal F½" 230/6V kit 1/2	154.87	171	464PISS	Satin SS plate - mains supply for TEMPOMATIC WC rec dual ctrl	469.18	277
44000015	TEMPOMATIC 4 basin tap M½" rec mains supply Ø15 +stopcock	414.31	23	464SBOX	TEMPOMATIC WC ¾" dual control rec 230/6V kit 1/2 (+464000)	171.50	211
44000115	TEMPOMATIC 4 basin tap M½" rec UK mains plug Ø15 stopcock	387.18	23	465000	TEMPOMATIC WC recessed stainless steel 230/6V kit 2/2	598.61	219
44000615	TEMPOMATIC 4 basin tap M½" 6V batteries 15mm + stopcock	365.21	23	465006	TEMPOMATIC WC recessed stainless steel 6V bat. kit 2/2	598.61	-
44000615CO	TEMPOMATIC 4 basin tap M½" batt 6V copper tails Ø15 conn +SC	406.91	-	47300015	BINOPTIC MIX 2 basin mixer Ø15 sat st st mains, stopcock	504.23	29
44115715	TEMPOMATIC Ø15 for CF c-w 155 basin tap 230/12V spout L170	517.42	47	47300615	BINOPTIC MIX 2 basin mixer Ø15 sat st st batteries, stopcock	504.23	29
44200615	TEMPOMATIC 3 basin tap M½" 6V batteries 15mm + stopcock	473.09	27	47301015	BINOPTIC MIX 2 basin mixer Ø15 pol st st mains, stopcock	504.23	29
443006	TEMPOMATIC 3 wall mounted basin tap M½" 6V battery L190	508.63	27	47301615	BINOPTIC MIX 2 basin mixer Ø15 pol st st batteries, stopcock	504.23	29
443016	TEMPOMATIC 3 basin tap M½" 6V batt L.190 for panels 1-4mm	545.68	27	47303015	BINOPTIC MIX 2 basin mix Ø15 matte black mains, stopcock	569.30	29
443218	TEMPOMATIC 4 recessed shower valve, 6V battery - kit 2/2	285.19	-	47303615	BINOPTIC MIX 2 basin mix Ø15 matte black batteries, stopcock	569.30	29
443219	TEMPOMATIC 4 recessed shower valve, 6V battery+ROUND, kit 2/2	388.58	-	473110E	BINOPTIC MIX 2 basin M¾" mixer st st pol mains Bluetooth	572.59	29
443228	TEMPOMATIC 4 recessed shower valve, 230/6V - kit 2/2	301.48	-	47400015	BINOPTIC MIX 2 basin mixer Ø15 sat st st H170 mains, stopcock	530.27	31
443229	TEMPOMATIC 4 recessed shower valve, 230/6V+ROUND, kit 2/2	404.87	-	47400615	BINOPTIC MIX 2 basin mixer Ø15 sat st st H170 batt, stopcock	530.27	31
443400	TEMPOMATIC 4 basin M½" wall-m tap 230/6V rec. mains L.130	442.44	25	47401015	BINOPTIC MIX 2 basin mixer Ø15 pol st st H170 mains, stopcock	530.27	31
443406	TEMPOMATIC 4 wall mounted basin tap M½" 6V batteries L.130	356.83	25	47401615	BINOPTIC MIX 2 basin mixer Ø15 pol st st H170 batt, stopcock	530.27	31
443406LD	TEMPOMATIC 4 wall-mtd tap M½" 6V batteries L.130 1.4 lpm	360.06	-	47403015	BINOPTIC MIX 2 basin mixer Ø15 matte black H170 mains, stpck	595.33	31
443410	TEMPOMATIC 4 basin M½" tap CW 230/6V rec. mains L.130	442.44	25	47403615	BINOPTIC MIX 2 basin mixer Ø15 matte black H170 batt, stopcock	595.33	31
443416	TEMPOMATIC 4 basin M½" cross wall tap 6V L.130	356.83	25	474110E	BINOPTIC MIX 2 basin mixer M¾" pol st steel H170 mains BT	598.61	31
443426	TEMPOMATIC 4 basin tap M½" 6V batteries L.130 panels 1-24mm	361.63	25	47500015	BINOPTIC MIX 2 basin mixer Ø15 sat st st H250 mains, stopcock	556.28	33
443436	TEMPOMATIC 4 basin M½" tap batt 6V L.130mm solid walls refit	356.83	25	47500615	BINOPTIC MIX 2 basin mixer Ø15 satin st st H250 batt, stopcock	556.28	33
443500	TEMPOMATIC 4 basin M½" wall-m tap 230/6V rec. mains L.190	485.39	25	47501015	BINOPTIC MIX 2 basin mixer Ø15 pol satin st H250 mains, stpck	556.28	33
443500LD	TEMPOMATIC 4 wall-mtd basin tap M½" 230/6V L.190 1.4 lpm	488.94	-	47501615	BINOPTIC MIX 2 basin mixer Ø15 pol st st H250 batt, stopcock	556.28	33
443506	TEMPOMATIC 4 wall mounted basin tap M½" 6V batteries L.190	397.55	25	47503015	BINOPTIC MIX 2 basin mixer Ø15 matte black H250 mains, stpck	621.35	33
443506LD	TEMPOMATIC 4 wall-mtd tap M½" 6V batteries L.190 1.4 lpm	400.80	-	47503615	BINOPTIC MIX 2 basin mixer Ø15 matte black H250 batt, stopcock	621.35	33
443510	TEMPOMATIC 4 basin M½" tap CW 230/6V rec. mains L.190	485.39	25	475110E	BINOPTIC MIX 2 basin mixer Ø15 pol st. steel H250 mains BT	624.64	33
443516	TEMPOMATIC 4 basin M½" cross wall tap 6V L.190	397.55	25	478000	Replaced by 479410	-	-
443526	TEMPOMATIC 4 tap M½" 6V batteries L.190 for panels 1-24mm	401.15	25	47801515	BINOPTIC basin tap Ø15 for compression fitting 6V battery	509.13	41
443536	TEMPOMATIC 4 basin M½" tap batt 6V L.190mm solid walls refit	397.55	25	478035	BINOPTIC basins M¾" matte black tap 6V batteries	561.50	41
443PBOX	Rec waterproof housing TEMPOMATIC 4 shower 6V battery, kit 1/2	21.27	-	478MCH15	BINOPTIC MIX basin mixer Ø15 compression fittings 6V battery	663.09	41
443PMP	Chrome-plated metal plate - batt-op rec TEMPOMATIC 4 shower	21.73	-	478MCHB	BINOPTIC MIX basins M¾" matt black mix w/ housing 6V batt.	702.31	41
443PMS	Chrome-plated metal plate - mains rec TEMPOMATIC 4 shower	19.65	-	479006	*TEMPOMATIC 3 urinal vlv inline M½"(while stk then 479410)	-	-
443SBOX	Rec waterproof housing TEMPOMATIC 4 shower 230/6V, kit 1/2	27.32	-	479007	*TEMPOMATIC 3 urinal vlv M½" +tube(while stk then 479412)	654.89	-
44400015	TEMPOMATIC 2 basin tap Ø15 for CF mains 230/12V + transfo	446.24	45	479008	*TEMPOMATIC 3 urinal vlv angled M½"(while stk then 479411)	621.30	-
44400615	TEMPOMATIC 2 basin tap Ø15 compression fitting 6V battery	516.75	45	479406	Replaced by 479410	-	-
44525315	TEMPOMATIC PRO basin tap Ø15 for CF 230/12V with swivel spout	516.75	46	479407	Replaced by 479411	-	-
44525715	TEMPOMATIC PRO basin tap Ø15 for CF 6V batt. with swivel spout	558.99	46	479408	Replaced by 479411	-	-
447100	TEMPOMATIC basin tap M¾" 230/12V for panel 1-12mm no spout	479.16	-	479410	TEMPOMATIC 4 urinal M½" inline 6V battery offset 35mm	373.14	177

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

# DELABIE / Reference index

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
479411	TEMPOMATIC 4 urinal M½" angled 6V battery offset 35mm	359.04	177	495606	Solenoid vlv M¾" 6V + filter for TEMPOMATIC, BINOPTIC basin	123.62	276
479412	TEMPOMATIC 4 urinal kit angled 6V batt offset 50 + neck tube	391.44	177	495612	Solenoid vlv M¾" 12V + filter for TEMPOMATIC, BINOPTIC basin	54.53	276
479413	TEMPOMATIC 4 urinal kit M½" angled 6V batt for FINO	405.52	177	495615	Solenoid valve M½" 6V +filter for TEMPOMATIC shower+urinal	123.62	-
479414	TEMPOMATIC 4 urinal kit M½" angled 6V batt for DELTA	402.70	177	495626	Solenoid vlv M½" 12V + filter for TEMPOMATIC basin/urinal	55.34	276
479415	TEMPOMATIC 4 urinal kit M½" angled 6V batt for DELTACERAM	388.62	177	495626CEB	Solenoid valve ½" + cable L.4m for multifunction unit	76.62	-
479416	TEMPOMATIC 4 urinal kit M½" angled 6V battery offset 30mm	390.04	177	495646	Discontinued	-	-
479436	Electronic control unit 6V battery-op for TEMPOMATIC 4 urinal	184.39	276	49801515	BINOPTIC basin Ø15 for CF tap H.250mm 6V battery operated	578.48	41
479446	Electronic control unit 6V battery-op for TEMPOMATIC 3 urinal	241.80	276	498035	BINOPTIC for basins M¾" matte black tap H.250mm 6V bty-op	631.90	41
479452	Solenoid valve 6V with SECURITHERM shower housing support	123.62	276	498MCHB	BINOPTIC for basins M¾" matte black mixer H.250mm 6V bty-op	772.69	41
479650	Solenoid valve 6V with flow rate adjuster for TEMPOMATIC 4	123.62	276	498MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.250mm 6V battery operated	732.45	41
479660	Solenoid valve 6V M17/125 with flow rate adjuster	123.62	-	49900015	TEMPOMATIC MIX 5 basin M½" rec mains supply Ø15 stopcocks	333.15	43
479661	6V solenoid valve for SPORTING 2	123.62	276	49900115	TEMPOMATIC MIX 5 basin M½" rec UK mains plug Ø15 stopcocks	333.15	43
479662	Solenoid valve 6V with M½" unions for shower panels	123.62	276	49900615	TEMPOMATIC MIX 5 basin mix M½" batteries 15mm + stopcocks	333.15	43
479666	Solenoid valve 6V M½" + flow rate adjuster for TEMPOMATIC 5	117.11	276	510580	Liquid soap dispenser 1L polished 304 stainless steel	117.83	74
479748	Solenoid valve D2 6V for TEMPOMATIC basins, urinals, showers	123.62	276	510581	Liquid soap dispenser 1L white powder-coated 304 st. steel	104.23	74
479749	Solenoid valve D2 6V for TEMPOMATIC 3	123.62	276	510582	Liquid soap dispenser 1L 304 stainless steel satin finish	110.34	74
482010	BINOPTIC MIX 2 basin mix M¾" pol ss L220, CW,mains +stopcock	494.51	-	512021BKUK	Deck-mtd BINOPTIC elec. liquid soap or foam disp. 1L black	388.13	75
48201015	BINOPTIC MIX 2 basin mix Ø15 pol ss L220, CW, mains + stopcock	504.23	35	512021PUK	Deck-mtd BINOPTIC elec. liquid soap or foam disp. 1L UK plug	337.51	75
482030	BINOPTIC MIX 2 bas mix M¾" matte blk L220, CW,mains+stopcock	559.58	-	512031PUK	Deck-mtd T4 elec liquid soap or foam disp 1L chrome UK plug	337.51	75
48203015	BINOPTIC MIX 2 bas mix Ø15 matte black L220,CW, mains+stopcock	569.30	35	512051BKUK	Wall-mtd elec. liquid soap-foam disp 1L matte black UK plug	337.47	75
482110	BINOPTIC MIX 2 basin mixer M¾" pol st steel L220, CW, mains	482.35	-	512051PUK	Wall-mtd elec. liquid soap or foam disp 1L SS chrome UK plug	297.84	75
482130	BINOPTIC MIX 2 basin mixer M¾" matte black L220, CW, mains	547.41	-	512066BK	Electronic liquid soap dispenser 1L matte black 304 st steel	247.81	74
484000	BINOPTIC MIX 2 wall bas mix M½" sat ss L.240 mains +stopcock	598.61	35	512066P	Electronic liquid soap dispenser 1L bright pol 304 st steel	215.48	74
484010	BINOPTIC MIX 2 wall bas mix M½" pol ss L.240 mains +stopcock	598.61	35	512066S	Electronic liquid soap dispenser 1L pol satin 304 st steel	215.48	74
484010E	BINOPTIC MIX 2 wall bas mix M½" pol L.240 mains+stopcock, BT	676.69	35	512066W	Electronic liquid soap dispenser 1L white powder-ctd 304 st st	215.48	74
487449	Electronic control unit 12V for TEMPOMATIC urinals & showers	340.14	276	512111BKUK	Elec. liquid soap-foam disp. c-wall 304 matte black UK plug	367.50	75
487499	Detector for TEMPOMATIC multi urinals	226.67	277	512111PUK	Elec. liquid soap-foam disp. c-wall 304 st st chrome UK plug	324.35	75
487620	TEMPOMATIC recessed multi urinals M¾" 230/12V+transformer	877.54	179	512121BKUK	Deck-mtd BINOPTIC liq/foam soap disp L1.2m tube, blk UK plug	388.13	75
48801515	BINOPTIC basin Ø15 for CF tap H.170mm 6V battery operated	536.88	41	512121PUK	Deck-mtd elec liquid soap or foam disp L1.2m tube UK plug	337.51	75
488035	BINOPTIC for basins M¾" matte black tap H.170mm 6V bty-op	589.66	41	512131PUK	Deck-mtd elec T4 liq soap or foam disp L1.2m tube UK plug	337.51	75
488MCHB	BINOPTIC MIX basins M¾" matte black mix H.170mm 6V batteries	730.47	41	512151BKUK	Wall-mtd elec liquid soap-foam disp L1.2m tube black UK plug	337.47	75
488MCHLH15	BINOPTIC MIX Ø15 for CF mixer H.170mm 6V battery operated	690.84	41	512151PUK	Wall-mtd BINOPTIC liq/foam soap disp L1.2m tube, chr UK plug	297.84	75
49000015	TEMPOMATIC MIX 4 basin M½" rec mains supply Ø15 stopcocks	452.62	23	512521BKUK	Deck-mtd BINO. elec liquid soap/foam disp 0.5L black UK plug	388.13	75
49000115	TEMPOMATIC MIX 4 basin M½" rec UK mains plug Ø15 stopcocks	426.59	23	512521PUK	Deck-mtd BINOPTIC liquid/foam soap disp. 0.5L chrome UK plug	337.51	75
49000615	TEMPOMATIC MIX 4 basin mix M½" batteries 15mm + stopcocks	404.73	23	512531PUK	Deck-mtd T4 elec. liquid soap or foam disp. 0.5L UK plug	337.51	75
49000615CO	TEMPOMATIC MIX 4 basins M½" batt copper tails Ø 15 conn +SC	488.26	-	512551BKUK	Wall-mtd elec liquid soap-foam disp 0.5L matte black UK plug	337.47	75
490230EXT	Electrical extension for TEMPOMATIC 4 basin	23.48	276	512551PUK	Wall-mtd elec liquid soap-foam disp 0.5L matte black UK plug	297.84	75
490240	Recessed 6V supply for TEMPOMATIC 4 basin from Feb 2016	107.53	276	517000	Siphon F1 ¼" w. horizontal outlet Ø32 chrome plated brass	62.29	192
490241UK	6V british electrical plug for TEMPOMATIC 4 basin	73.82	276	538400	Replaced by 543006 + 778700	-	-
490446	Electronic control unit 6V battery operated for TEMPOMATIC 4	218.22	276	538400D	Replaced by 543006D + 778700	-	-
490450	Electronic unit for TEMPOMATIC 4 mains supply from Feb 2016	218.22	276	538450	Replaced by 543006 + 778700	-	-
49200615	TEMPOMATIC MIX 3 basin mix M½" 6V batteries Ø15 +stopcocks	514.64	27	538450D	Replaced by 543006D + 778700	-	-
492446	Electronic control unit for TEMPOMATIC 3 integ 6V battery	218.20	276	543000	TEMPOFIX 3 frame elect mains 230/6V for urinals Ø35 kit 1/2	521.07	173
492647	Solenoid valve M for TEMPOMATIC 3 urinal	198.93	276	543000D	TEMPOFIX 3 frame elect mains 230/6V for urinals ½" kit 1/2	521.07	173
493400	TEMPOMATIC MIX 4 basin M½" wall-m mix 230/6V rec mains L.160	608.04	25	543006	TEMPOFIX 3 fr sys time flow or bat for urinals Ø35 kit 1/2	507.53	173
493406	TEMPOMATIC MIX 4 basin M½" wall-m mixer 6V batteries L.160	553.74	25	543006D	TEMPOFIX 3 fr sys time flow or bat for urinals ½" kit 1/2	507.53	173
493410	TEMPOMATIC MIX 4 basin F¾" mixer CW 230/6V rec mains L.130	484.89	25	543100	TEMPOFIX 3 frame system elec mains supp 12V for urinals Ø 35mm	820.43	179
493416	TEMPOMATIC MIX 4 basin F¾" mix c-wall 6V batteries L.130	433.45	25	564000DE	TEMPOFIX 3 fr sys WC TEMPOMATIC 230/6V Ø110 wall fix kit 1/2	435.89	213
493500	TEMPOMATIC MIX 4 basin M½" wall-m mix 230/6V rec mains L.220	653.35	25	564005DE	TEMPOFIX 3 fr sys WC TEMPOMATIC 230/6V Ø110 self-supp kit 1/2	457.31	213
493506	TEMPOMATIC MIX 4 basin M½" wall-m mixer 6V batteries L.220	599.03	25	564060DE	TEMPOFIX 3 fr sys WC time flow or bat Ø110 wall fix kit 1/2	435.89	213
493506LD	TEMPOMATIC MIX 4 basin mix M½" wall-mtd 6V bat L220 1.4 lpm	602.57	-	564065DE	TEMPOFIX 3 fr sys WC time flow or bat Ø110 self-supp kit 1/2	457.31	213
493510	TEMPOMATIC MIX 4 basin F¾" mixer CW 230/6V rec mains L.190	527.85	25	565065DE	TEMPOFIX 3 WC fire ret time flow Ø110mm self-supp kit 1/2	767.79	229
493516	TEMPOMATIC MIX 4 basin F¾" mix c-wall 6V batteries L.190	476.40	25	578110	PEHD sleeve connector 100/110	30.14	243
49400015	TEMPOMATIC MIX 2 basin mix Ø15 for CF mains 230/12V + trans	565.86	45	578212	TEMPOFLUX 2 WC 6L single flush for TEMPOFIX 3 fr sys kit 2/2	103.38	236
49400615	TEMPOMATIC MIX 2 basin mixer Ø15 comp. fitt. 6V battery	673.02	45	578222	TEMPOFLUX 2 WC 3L/6L dual flush for TEMPOFIX 3 fr sys kit 2/2	113.71	236
495009	TEMPOMATIC detector with cable L0.10m	87.03	277	578230	TEMPOFLUX 2 WC dual flush TEMPOFIX 3 fr sys 70-130mm kit 2/2	190.42	237
495070	TEMPOMATIC detector with cable L0.7m	97.65	277	578300DE	TEMPOFIX 3 WC frame 10-35 & 70-130mm Ø110 wall fix kit 1/2	508.26	236
495149	TEMPOMATIC detector with cable L1.50m	107.66	277	578305DE	TEMPOFIX 3 WC frame 10-35 & 70-130mm Ø110 free-stand kit 1/2	524.22	236
49525315	TEMPOMATIC MIX PRO basin mix Ø15 for CF 230/12V swivel spout	602.63	46	578400DE	TEMPOFIX 3 WC frame 30-60mm Ø110 wall fix kit 1/2	538.51	237
49525715	TEMPOMATIC MIX PRO basin mix Ø15 for CF 6V batt. swivel spout	715.28	46	578405DE	TEMPOFIX 3 WC frame 30-60mm Ø110 free-standing kit 1/2	565.21	237
495444BC	Standard electronic control unit 230/12V with duty flush	227.03	276	578MUR	Wall reinforcements for TEMPOFIX 3 frame system	39.30	243
495445BC	Multifunction elect control unit 230/12V for TEMPOMATIC	335.11	276	578PMR	TEMPOFIX 3 connection kit, L. 580mm for PMR WC bowl	19.48	243
495446BC	Electronic control unit 6V battery operated for TEMPOMATIC	391.02	276	580000	Urinal waste Ø63 1 ¼" vand-resist st steel grid ctrl screw	12.78	192
495499	TEMPOMATIC detector with cable L5m	163.53	277	581000	On/Off washbasin waste 1 ¼" stainless steel valve	36.31	73

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
60212.10P	10 × Integrated flat filter 0.5 for nut ½"	20.02	275	714735AB	SPORTING AB therm shower panel conc inlet M½", ~30sec	412.11	109
60220.10P	Replaced by 60212.10P	-	-	714735DP	SPORTING therm shwr panel conc inlet M½" ~30sec, rain-effect	417.60	109
60221.10P	Replaced by 60234.10P	-	-	714764	Starter for SPORTING shower	30.08	273
60234.10P	10 × Integrated flat filter 0.5 for nut ¾"	22.88	275	714765	Starter for SPORTING shower panel	30.08	273
60300.10P	Discontinued	-	-	714800	SPORTING anodised aluminium shower panel M½", 230/6V	370.89	87
60438.10P	10 × Integrated conical filter 0.5 for nut ¾"	20.02	275	714800DP	SPORTING anodised alu shower panel M½", 230/6V rain effect	390.14	87
611	HYGIÉNA waste 1 ¼" concave grid, adaptable slotted lantern	31.02	73	714806	SPORTING anodised aluminium shower panel M½", 6V battery	370.89	87
6110	HYGIÉNA waste with concave grid for basins, stainless steel	31.02	-	714806DP	SPORTING anodised alu shower panel M½" 6V batt rain effect	390.14	87
64000	Wall mounted shower head M½" with 5 ring spray grid	88.61	143	714900	SPORTING alu therm shower panel top inlets M½", 230/6V	508.26	89
682001UK	Floor trap 100×100 hard floors adj H horiz elbow outlet Ø43	57.59	113	714900DP	SPORTING alu therm sh pnl top inlet M½" 230/6V rain effect	527.49	89
683001UK	Floor trap 150×150 hard floors adj H horiz elbow outlet Ø43	97.86	113	714906	SPORTING alu therm shower panel top inlets M½", 6V battery	508.26	89
683002UK	Floor trap st steel grid Ø114 vinyl floors elbow outlet Ø43	73.71	113	714906DP	SPORTING alu therm sh pnl top inlet M1/2 6V batt rain effect	527.49	89
684000	Floor trap with grid 140×140 - vertical outlet Ø40	77.18	113	714910	SPORTING therm shower panel conc inlet, 230/6V, kit 2/2	429.44	89
70000015	TEMPOMIX 2 basin mixer M½" ~7sec Ø15 comp fit +stopcocks	262.20	65	714910DP	SPORTING therm sh pnl conc inlet 230/6V rain effect kit 2/2	448.66	89
70000115	TEMPOMIX 2 AB basin mix M½" ~7sec Ø15 comp fit +stopcocks	275.59	65	714916	SPORTING therm shower panel conc inlet 6V battery, kit 2/2	429.44	89
70040015	TEMPOMIX 2 basin mixer M½" lever ~7sec Ø15 + stopcocks	294.43	65	714916DP	SPORTING therm shr pnl rear inlet batt rain effect, kit 2/2	448.66	89
700BJ	Flow straightener in Hostaform® for TEMPOSTOP 2 & TEMPOMIX 2	4.29	275	714BE	Recessed nozzle for SPORTING 2	11.82	273
702000	TEMPOSTOP 2 basin tap M½" ~7sec time flow	169.78	65	715000	Ceiling mounted shower head F½" with chromed rim Ø80	23.42	143
702032	Water nozzle for tube Ø32 for squat WC	31.91	243	716000	Ceiling mounted GYM vandal proof shower head F½" fixed	60.56	142
702301	TEMPOSTOP 2 AB basin tap M½" ~7sec time flow	194.00	65	716000DP	GYM shower head F½" fixed, ceiling-mtd, rain effect 6 lpm	76.89	-
702400	TEMPOSTOP 2 lever operated basin tap M½" ~7sec time flow	196.63	65	717510	Shower tower 1 shower head	1,184.08	111
705000	Connection washer Ø32/55 with clamp for WC	17.29	243	717511	Shower tower 1 shower head + 1 bib tap	1,361.70	111
705028	Connection washer Ø28/55 with clamp for WC	22.53	243	717520	Shower tower 2 shower heads	1,420.90	111
708000	RAINY shower head M½" recessed	91.08	141	717521	Shower tower 2 shower heads + 1 bib tap	1,598.52	111
708010	RAINY shower head M½" for panels 1-15mm	91.08	141	717540	Shower tower 4 shower heads	1,953.73	111
708030	RAINY shower head F½" ceiling-mounted	91.08	141	729008	Soap dispenser straight spout 1L bottle, chromed brass	99.01	74
708040	RAINY shower head wall-mounted	117.11	140	729012	Soap dispenser curved spout 1L bottle, chromed brass	103.88	74
708200	RAINY shower head M½" cross wall 230mm	110.62	141	729108	Soap dispenser straight spout, tube L1200, chromed brass	99.01	74
708RNY	Rain effect nozzle for RAINY shower head	19.38	-	729112	Soap dispenser curved spout, tube L1200, chromed brass	103.88	74
709000	Recessed vandal proof ROUND shower head M½"	115.02	142	729150	Wall mounted soap dispenser cross wall 180, chromed	111.97	74
709000CF	*Recessed ROUND tperproof sh head M½" (stock then 709000DP)	115.02	-	729508	Soap dispenser straight spout 0.5L bottle, chromed brass	99.01	74
709000DP	Recessed ROUND shower head M½", rain effect 6 lpm	131.46	-	729512	Soap dispenser curved spout 0.5L bottle, chromed brass	103.88	74
709010	Vandal proof ROUND shower head M½" for panels 1-15mm	115.71	142	730802.2P	*2 × Angled isolating ball valve for PREMIX ¾" (while stock)	179.17	-
709010CF	*ROUND shower head M½" for panels (stock then 709010DP)	115.71	-	730803.2P	*2 × Angled isolating ball valve for PREMIX 1" (while stock)	179.17	-
709010DP	ROUND shower head M½" for panels 1-15mm, rain effect	132.13	-	730804.2P	*2 × Angled isolating ball valves for PREMIX 1 ¼" (while stk)	306.68	-
709010GR	*ROUND shower head M½" for panels (while stk then 709010DP)	140.68	-	731002	PREMIX COMFORT 55 group thermostatic mixer M¾" 55lpm	599.55	161
709150GR	Replaced by 709200DP	-	-	731003	PREMIX COMFORT 90 group thermostatic mixer M1" 90lpm	929.30	161
709200	Vandal proof ROUND shower head M½" for walls 230mm	143.65	142	731004	PREMIX COMFORT 140 group thermostatic mixer M1 ¼" 140lpm	1,333.99	161
709200DP	ROUND sh head M½", cross wall 230mm walls, rain-effect 6 lpm	159.42	-	731005	PREMIX COMFORT 190 group thermostatic mixer M1 ½" 190lpm	1,723.67	161
710000	Wall mounted shower arm MM½" L95 for shower head F½"	47.00	143	731052	PREMIX SECURITY 55 group thermostatic mixer M¾" 55lpm	599.55	159
710040	Horizontal wall arm for shower ½"	32.54	140	731053	PREMIX SECURITY 90 group thermostatic mixer M1" 90lpm	929.30	159
710050	Vertical ceiling arm for shower ½"	26.01	140	731054	PREMIX SECURITY 140 group thermostatic mixer M1 ¼" 140lpm	1,333.99	159
710500	Wall mounted soap dish Bayblend® chrome plated matt	42.51	112	731055	PREMIX SECURITY 190 group thermostatic mixer M1 ½" 190lpm	1,723.67	159
710501	Wall mounted soap dish Bayblend® chrome plated bright	42.51	112	731200	PREMIX COMFORT T2 group thermostatic mixer M¾" 55lpm	599.55	161
711000	GYM COMFORT adjustable scale proof shower head F½" Ø45	61.45	143	731300	PREMIX COMFORT T3 group thermostatic mixer M1" 90lpm	929.30	161
711002	GYM COMFORT EXTRA adj scale proof shower head F½" Ø68	79.66	143	731400	PREMIX COMFORT T4 group thermostatic mixer M1 ¼" 140lpm	1,333.99	161
712000	TONIC JET vandal proof recessed shower head M½"	115.02	142	731500	PREMIX COMFORT T5 group thermostatic mixer M1 ½" 190lpm	1,723.67	161
712000CF	*TONIC JET rec shower head M½" (stock then 712000DP)	115.02	-	732115	PREMIX NANO thermostatic mixer Ø15mm nickel body	87.66	73
712000DP	TONIC JET recessed shower head M½", rain-effect 6 lpm	131.36	-	732115MEC	PREMIX NANO thermostatic mixer Ø15mm nickel body F½"	110.24	73
712000GR	Replaced by 712000DP	-	-	732116	PREMIX NANO thermostatic mixer Ø15mm chromed body	103.17	73
712010	TONIC JET vandal proof shower head M½" for panels 1-10mm	115.63	142	732515	Connection kit PEX L300 for PREMIX NANO 732216	47.00	274
712010DP	TONIC JET shwr head M½" for panels 1-10mm, rain effect 6 lpm	131.36	-	733015	PREMIX COMPACT thermostatic mixer M½" rough cast body	112.27	-
712020	TONIC JET vandal proof exposed shower head F¾" +column Ø16	198.55	142	733016	Replaced by 733015	-	-
712020DP	TONIC JET shower head + column F¾", rain-effect 6 lpm	214.89	-	733020	PREMIX COMPACT thermostatic mixer M¾" rough cast body	112.27	-
712150GR	Replaced by 709200DP	-	-	733021	Replaced by 733020	-	-
714000	SPORTING exposed shower kit M½" ~30sec time flow valve	307.91	136	733115	M½" Ø 15mm for 2 to 7 taps/mixers: from 5 to 20 lpm	122.01	73
714012	Nanny joint, recessed, M½" for SPORTING SECURITHERM, kit 1/2	133.78	-	733116	M¾" Ø 15mm for 2 to 10 taps/mixers: from 5 to 25 lpm	165.17	73
714700	SPORTING 2 anodised alu sh panel M½" ~30sec time flow valve	223.31	107	734100	TEMPOGENOU angled MM½" lever L350 ~7sec	120.89	69
714700DP	SPORTING 2 alu shower panel M½" ~30sec valve rain effect	242.26	107	735000	TEMPOGENOU inline MM½" stud nut lever L350 ~7sec	131.38	69
714700GR	*SPORTING 2 sh panel M½" ~30sec (while stk then 714700DP)	260.74	-	735400	TEMPOGENOU inline MM½" lever L350 ~7sec	121.01	69
714732	SPORTING therm shower panel top inlets M½", ~30sec	343.41	109	735447	TEMPOGENOU inline MM½", lever L350 ~7sec comp. fittings	130.13	-
714732AB	SPORTING AB therm shower panel top inlet M½", ~30sec	357.16	109	73544715	TEMPOGENOU inline MM½", lever L350 ~7sec comp fit + olives	153.68	69
714732DP	SPORTING therm shwr panel top inlet M½" ~30sec, rain-effect	362.65	109	736001	MONOFOOT floor mounted pedal operated valve MM½" stud nut	179.28	69
714735	SPORTING therm shower panel back inlets M½", ~30sec	398.36	109	736101	MONOFOOT floor mounted pedal operated vlv MM½" without nut	172.08	69

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
736102	MONOFOOT wall mounted pedal operated vlv MM½" without nut	197.01	69	743714	SPORTING wall mounted shower cartridge ~30sec time flow	30.08	273
739000	MIXFOOT floor mounted pedal operated mixer MM½" stud nut	204.98	69	743715	SPORTING shower panel cartridge ~30sec time flow	30.08	273
739100	MIXFOOT floor mounted pedal operated mixer MM½" w-out nut	200.26	69	743716	SPORTING SECURITHERM cartridge shower panel, time flow ~30sec	45.35	273
739102	MIXFOOT wall mounted pedal operated mixer MM½" without nut	210.21	69	743716AB	SPORTING SECURITHERM cartridge AB shwr panel, time flow ~30sec	48.50	273
740000	TEMPOSOFT basin tap M½" ~7sec time flow	215.07	63	743732	Maintenance kit for PREMIX NANO	42.99	274
740300	TEMPOSOFT 2 basin tap M½" ~7sec time flow reinforced fixing	96.84	61	743741	TEMPOSOFT urinal cartridge ~7sec time flow	45.37	-
740500	TEMPOSOFT 2 basin tap M½" ~7sec time flow	86.42	61	743742	TEMPOSOFT basin cartridge ~15sec time flow	45.37	272
740515	TEMPOSOFT 2 basin tap M½" ~15sec time flow	86.42	-	743743	TEMPOSOFT shower cartridge ~30 sec time flow	45.37	273
741000	TEMPOSOFT wall mounted basin tap M½" L80 ~7sec time flow	150.57	63	743743CF	TEMPOSOFT shower cartridge time flow ~30sec full flow	45.37	-
741500	TEMPOSOFT 2 wall mtd basin tap M½" L110 ~7sec time flow	84.85	61	743744	TEMPOSOFT urinal cartridge ~3sec time flow	50.35	274
741515	TEMPOSOFT 2 wall mtd basin tap M½" L110 ~15sec time flow	84.85	-	743747	TEMPOSOFT basin cartridge ~7sec time flow	45.37	272
741550	TEMPOSOFT 2 wall mtd basin tap M½" L150 ~7sec time flow	102.24	61	743749	TEMPOSTOP ¾" exposed shower cartridge ~30sec time flow	65.39	273
741555	TEMPOSOFT 2 basin tap M½" for 50mm panels ~7 sec L.150	136.68	61	743761	TEMPOFLUX WC ¾" exp. flush vlv cartridge ~7sec time flow	65.39	274
741565	TEMPOSOFT 2 wall mtd basin tap M½" L150 ~15sec time flow	102.24	-	743762	TEMPOFLUX WC ¾" rec flush vlv cartridge ~7sec time flow	65.39	274
741943	TEMPOSTOP AB basin tap M½" 200mm CW	228.32	-	743763	TEMPOFLUX WC ¾" c-wall flush vlv cartridge ~7sec time flow	58.78	274
741945	TEMPOSTOP AB basin kit M½" ~7sec	350.44	-	743765	Recessed TEMPOFLUX 3 cartridge, dual flush 3L/6L	40.57	274
74200015	TEMPOSOFT MIX mixer M½" ~7sec comp fit Ø15 + stopcocks	316.00	63	743777	TEMPOFLUX exposed urinal cartridge 7sec time flow	59.09	274
742204	Tamperproof cross wall control 245mm for TEMPOCHASSE	43.30	-	743778	TEMPOFLUX exposed urinal cartridge 3sec time flow	60.56	274
74250015	TEMPOSOFT MIX 2 mixer M½" ~7sec comp fit Ø15 + stopcocks	202.80	61	743779	TEMPOCHASSE ¾" WC cartridge ~7sec time flow	65.39	274
74250015CO	TEMPOSOFT MIX 2 M½" mixer ~7sec copper tails Ø15mm conn +SC	281.24	-	743786	TEMPOMIX wall mounted basin cartridge ~7 sec (new design)	96.14	272
742510	TEMPOSOFT MIX 2 basin mixer F¾" ~7sec time flow	182.89	-	743789	TEMPOMIX shower cartridge time flow ~30sec (new design)	96.14	273
742510LH	TEMPOSOFT MIX 2 basin mixer F¾" ~7sec time flow + LH	224.32	-	743790	TEMPOMIX shower cartridge time flow ~30sec (old design)	96.14	273
742520	TEMPOSOFT MIX 2 basin mixer F¾" ~15sec time flow	182.89	-	743791	TEMPOMIX basin cartridge, time flow ~7 sec (new design)	96.14	272
743003	TEMPOSTOP ½" cartridge ~3sec time flow	49.02	-	743792	Thermostatic cartridge for shower mixer	140.62	273
743004	TEMPOSTOP ½" cartridge ~3sec time flow, V2	41.63	274	743793	TEMPOMIX 3 wall-mounted basin cartridge, time flow ~7 sec	109.89	-
743005	TEMPOSTOP basin/urinal cartridge ~7sec time flow	49.02	-	743794	TEMPOMIX 3 basin cartridge ~7sec time flow	90.66	-
743006	TEMPOSTOP basin/urinal cartridge ~7sec time flow, V2	41.63	272	743795	TEMPOMIX basin cartridge ~7 sec time flow (old design)	96.14	272
743006AB	TEMPOSTOP AB cartridge basin/urinal ~7sec time flow, V2	48.14	272	743796	TEMPOMIX wall mounted basin cartridge ~7 sec (old design)	96.14	272
743010	TEMPOSTOP basin/shower cartridge ~15sec time flow	49.02	-	743797	TEMPOMIX recessed shower cartridge ~30sec (old design)	96.14	273
743011	TEMPOSTOP basin/shower cartridge ~15sec time flow, V2	41.63	272	743798	TEMPOMIX cross wall basin cartridge ~7 sec (old design)	96.14	272
743011AB	TEMPOSTOP AB basin/shower cartridge ~15sec time flow, V2	48.14	272	743799	TEMPOMIX 3 shower cartridge time flow ~30 sec	109.89	-
743081	TEMPOSTOP basin cartridge with disk push button ~7sec flow, V2	86.67	-	743886	TEMPOMIX wall mounted basin cartridge ~7 sec (new design)	96.14	-
743103	TEMPOSTOP recessed urinal cartridge ~3sec time flow	56.15	-	743886AB	TEMPOMIX wall mounted basin cartridge AB ~7 sec (new design)	102.24	-
743104	TEMPOSTOP recessed urinal cartridge ~3sec time flow, V2	41.63	-	743889	TEMPOMIX shower cartridge time flow ~30sec (new design)	96.14	-
743105	TEMPOSTOP AB cartridge basin/urinal ~7sec time flow	66.44	-	743889AB	TEMPOMIX shower cartridge AB time flow ~30sec (new design)	102.24	-
743107	TEMPOSTOP recessed urinal cartridge ~7sec time flow	56.15	-	743890	TEMPOMIX shower cartridge time flow ~30sec (old design)	96.14	-
743115	TEMPOSTOP AB basin cartridge ~15sec time flow	65.10	-	743891	TEMPOMIX basin cartridge, time flow ~7 sec (new design)	96.14	-
743205	TEMPOSTOP AB cross wall/lever basin cartridge ~7 sec	65.44	-	743891AB	TEMPOMIX basin cartridge AB, ~7 sec time flow (new design)	102.24	-
743215	TEMPOSTOP AB cross wall/lever basin/shower cartridge ~15sec	66.44	-	743894	TEMPOMIX 3 basin cartridge ~7sec time flow, V2	91.08	272
743303	TEMPOSTOP urinal cartridge ~3sec time flow	49.02	-	743894AB	TEMPOMIX 3 AB basin cartridge ~7sec time flow, V2	91.08	272
743304	TEMPOSTOP urinal cartridge ~3sec time flow, V2	41.63	-	743895	TEMPOMIX basin cartridge ~7 sec time flow (old design)	96.14	-
743305	TEMPOSTOP cross wall/lever basin/urinal cartridge ~7sec	49.02	272	743896	TEMPOMIX wall mounted basin cartridge ~7 sec (old design)	96.14	-
743306	TEMPOSTOP cross wall/lever basin/urinal cartridge ~7sec, V2	41.63	272	743899	TEMPOMIX 3 shower cartridge time flow ~30 sec, V2	91.08	273
743306AB	TEMPOSTOP AB cross wall/lever basin/urinal cartridge ~7 sec V2	48.14	272	743899AB	TEMPOMIX 3 AB shower cartridge time flow ~30 sec, V2	91.08	273
743310	TEMPOSTOP cross wall/lever basin/shower cartridge ~15sec	49.02	-	743902	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~15sec time flow	62.08	-
743311	TEMPOSTOP cross wall/lever basin/shower cartridge ~15sec, V2	41.63	273	743903	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~15sec time flow, V2	41.63	272
743311AB	TEMPOSTOP AB cross wall/lever basin/shower cartridge ~15sec V2	48.14	273	743903AB	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~15sec, V2	48.14	272
743323	TEMPOSTOP c-wall/lever basin/urinal cartridge ~3sec time flow	49.02	-	743907	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~7sec time flow	62.08	-
743324	TEMPOSTOP c-wall/lever basin/urinal cartridge ~3sec, V2	41.63	272	743908	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~7 sec time flow	79.48	-
743428	TEMPOSTOP recessed shower cartridge ~30sec time flow	69.23	273	743910	TEMPOSTOP 2 / TEMPOMIX 2 basin cartridge ~7sec time flow, V2	41.63	272
743507	TEMPOFLUX WC rec flush valve cartridge ~7sec time flow	91.08	-	743910AB	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~7 sec, V2	48.14	272
743528	TEMPOSTOP recessed urinal cartridge ~7sec time flow	69.23	274	743915	TEMPOSTOP 2 / TEMPOMIX 2 AB basin cartridge ~15sec time flow	79.48	-
743605	TEMPOCHASSE 1 ¼" rec/cross wall cartridge ~7sec time flow	65.39	274	745100	TEMPOSTOP basin tap M½" ~7sec time flow + back nut	75.66	66
743622	TEMPOFLUX 2 WC ¾" recessed cartridge/frame 10-35mm ~7sec	79.89	274	745101	TEMPOSTOP AB basin tap M½" ~7sec time flow + back nut	88.25	66
743623	TEMPOFLUX 2 WC ¾" cross wall flush vlv cartridge ~7sec time flow	78.45	274	745200	TEMPOSTOP basin tap M½" ~7sec time flow + stud nut	80.33	-
743641	TEMPOSTOP ¾" recessed shower cartridge ~30sec time flow	65.39	-	745300	TEMPOSTOP basin tap M½" ~7sec time flow reinforced fixing	87.93	66
743642	TEMPOSTOP ¾" c-wall/rec shower cartridge ~30sec time flow	69.23	273	745301	TEMPOSTOP AB basin tap M½" ~7sec, reinforced fixing	92.38	66
743643	TEMPOSTOP ¾" c-wall/rec urinal cartridge ~7sec time flow	61.22	-	745440	TEMPOSTOP lever operated basin tap M½" ~7sec	103.43	66
743644	TEMPOSTOP ¾" recessed shower cartridge ~30sec time flow	79.29	273	745460	TEMPOSTOP lever operated basin tap M½" ~15sec	103.43	-
743645	TEMPOSTOP ¾" recessed urinal cartridge ~7sec time flow	79.29	274	746000	TEMPOSTOP wall mounted basin tap M½" ~7sec	57.01	67
743677	TEMPOFLUX 2 WC ¾" recessed/frame 30-60mm cartridge ~7sec	116.50	274	746001	TEMPOSTOP AB wall mounted basin tap M½" ~7sec time flow	65.60	67
743700	TEMPOSTOP ¾" exposed shower cartridge ~30sec time flow	69.23	273	746015	TEMPOSTOP wall mounted basin tap M½" ~15sec	57.01	-
743705	TEMPOCHASSE 1 ¼" lever operated cartridge ~7sec time flow	65.39	274	746292	TEMPOSTOP wall mtd basin tap M½" ~7sec with wall plate	59.63	67
743707	TEMPOSTOP ¾" siphon action urinal cart ~7sec time flow	69.23	274	746410	TEMPOSTOP wall mounted lever operated basin tap M½" ~7sec	85.30	67

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.



REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
747000	TEMPOSTOP exposed shower valve M½" inline ~15sec time flow	71.19	137	753303	Refit kit TEMPOSTOP basin/urinal ~3sec - until 2022	23.05	-
747004	TEMPOSTOP chain pull shower valve M½" 15sec + GYM COMFORT	182.18	137	753395	Urinal neck tube F½" for PORCHER HygieniQ	29.76	190
747006	TEMPOSTOP chain pull shower valve M½" 15sec + GYM	177.65	137	753730	Maintenance kit for PREMIX COMFORT ¾" or 1"	127.31	274
747080	TEMPOSTOP exposed shower valve M½" disk push button ~7sec	115.50	-	753733	Maintenance kit for PREMIX COMPACT	44.53	274
747110	TEMPOSOFIT AB shower kit M½" c-wall 200mm ~15 sec + ROUND	270.67	136	753734	PREMIX COMPACT repair kit (new design)	44.53	274
747114	TEMPOSTOP basin tap M½" inline ~3sec compression fittings	73.74	-	753735	Maintenance kit for PREMIX COMFORT 1 ¼" and 1 ½"	175.69	274
747121	TEMPOSTOP rec/c-wall rough cast shower valve M½" ~15sec	66.50	-	753736	Maintenance kit for MONOFOOT	22.17	272
747122	TEMPOSTOP AB rec/c-shower valve rough M½" ~15sec	83.94	-	753739	Maintenance kit for MIXFOOT	30.08	272
747214	TEMPOSTOP AB shower valve kit CW 200mm	287.11	-	753749	Maintenance kit for TEMPOSTOP shower ~30sec time flow	30.08	273
747500	TEMPOSTOP chain pull shower valve MM½" ~15sec time flow	126.71	-	753750	Maintenance kit for PREMIX SECURITY ¾" or 1"	139.45	274
747800	TEMPOSOFIT 2 wall mtd exp shower valve M½" inline ~30 sec	98.52	133	753755	Maintenance kit for PREMIX SECURITY 1 ¼" and 1 ½"	175.69	274
747801	TEMPOSOFIT 2 exp shower kit M½" ~30 sec valve + TONIC JET	300.23	132	753761	Maintenance pack for TEMPOFLUX WC ~7sec time flow	38.25	274
747952	TEMPOSTOP rec/c-wall basin/sh valve M½" ~15sec comp fitting	66.50	-	753763	Maintenance pack for cross wall TEMPOFLUX WC ~7sec time flow	38.25	274
74795215	Discontinued	-	-	753779	Maintenance kit for TEMPOCHASSE WC ~7sec time flow	30.08	274
748000	TEMPOSTOP exposed shower valve M½" angled ~15sec time flow	81.62	137	753790	Maintenance kit for TEMPOMIX shower ~30sec time flow	59.32	273
748110	TEMPOSTOP AB basin tap M½" c-wall 200mm ~7 sec time flow	212.90	67	753795	Maintenance kit deck mtd TEMPOMIX basin ~7 sec time flow	59.32	272
748126	TEMPOSTOP angled basin tap M½" rough cast ~7sec + bk nuts	68.57	70	753796	Maintenance kit wall mtd TEMPOMIX basin ~7 sec time flow	59.32	272
748130	TEMPOSTOP angled basin tap M½" rough cast ~15sec + bk nuts	68.57	-	754000	Urinal neck tube F½" F¾" for J DELAFON Coquille 2-1519	25.09	191
748150	TEMPOSTOP wall mounted basin tap M½" ~15sec swivel spout	100.21	67	754524	Urinal neck tube F½" for J DELAFON Coquille + water nozzle	54.05	191
748151	TEMPOSTOP AB wall mtd basin M½" tap ~15sec swivel spout	117.59	67	755120	Discontinued	-	-
748205	TEMPOSTOP AB basin tap elbow M½" time flow ~7sec	78.06	-	756000	Urinal neck tube F½" for ALLIA/SELLES + water nozzle	57.97	191
748210	TEMPOSTOP AB c-wall 200 basin kit M½" ~7sec 2 ctrl spt L75	286.29	249	756230	Urinal neck tube F½" JD Murale 2, Boissiere 2 + water noz	60.41	191
748218	TEMPOSOFIT 2 recessed shower valve, kit 2/2 (+748BOX)	203.23	-	757000	Urinal neck tube F½" + wall plate for ROCA Urito	26.01	191
748219	TEMPOSOFIT 2 recessed shower valve + ROUND, kit 2/2 (+748BOX)	306.59	-	757118	Neck tube F½" for DELABIE DELTACERAM urinal	46.11	190
748626	TEMPOSTOP wall mtd basin tap M½" ang rough body ~7sec flow	71.55	70	757135	Neck tube F½" TEMPOSTOP TEMPOSOFIT 2 for FINO urinal	49.29	190
748630	TEMPOSTOP wall mtd basin tap M½" ang rough body ~15sec flow	71.55	-	757160	Neck tube F½" for DELABIE DELTA urinal before 04/2019	30.93	-
748800	TEMPOSOFIT 2 exposed shower valve M½" angled ~30 sec flow	87.19	133	757162	Neck tube F½" for DELABIE DELTA urinal after 04/2019	61.37	190
748BOX	Recessed waterproof housing TEMPOSOFIT 2 shower, kit 1/2	131.88	-	757430	Neck tube + ½" union for rec supply for urinal with flexi	46.29	171
748PM	Chrome-plated metal plate - recessed TEMPOSOFIT 2 shower	116.76	-	758021	Urinal water nozzle for stalls M¾" recessed inlet	31.04	191
749000	TEMPOSTOP exposed shower valve M¾" 75 lpm ~30sec time flow	109.08	137	758035	Urinal union M½" Ø35 recessed	21.57	191
749001	TEMPOSTOP exp shower vlv kit M¾" inline ~30sec + TONIC JET	290.53	136	758135	Urinal neck tube F½" Ø35 recessed supply	42.36	191
749002	TEMPOSTOP exp shower kit M½" comp fitting + TONIC JET	314.87	-	758445	Recessed neck tube F½" for ½" urinals	42.32	191
749081	TEMPOSOFIT 2 shw M½" valve panel 7mm time flow ~30sec no rod	99.82	-	758645	Urinal neck tube F½" + water nozzle for ALLIA Amigo 3645	86.67	190
749110	TEMPOSTOP shower kit M½" c-wall 200mm ~30 sec + ROUND	270.67	136	758921	Urinal water nozzle for stalls M½" recessed inlet	31.04	191
749128	TEMPOSTOP rec shower valve F½" st steel Ø130 plate ~30sec	149.47	135	759000	Urinal neck tube F¾" Ø35 for siphon action	37.84	190
749218	TEMPOSTOP recessed shower valve waterproof Kit 2/2 (+749BOX)	203.70	134	759090	Urinal neck tube F¾" from above for JD Patio	47.77	191
749218CXL	TEMPOSTOP recessed shower waterproof CXL Kit2/2 (+749BOX)	235.06	134	760000	TEMPOCHASSE WC exposed valve MM1 ¼" ~7sec time flow	131.90	241
749239	TEMPOSTOP recessed shower waterproof Kit2/2 ROUND (+749BOX)	306.74	134	760004	TEMPOCHASSE WC exp valve kit 1" ~7sec + inline stopcock	290.32	241
749300	TEMPOSOFIT aluminium shower panel top inlet valve ~30sec	527.83	104	760005	TEMPOCHASSE exposed valve 1" ~7sec + elbow stopcock	280.72	241
749310	TEMPOSOFIT shower panel concealed valve inlet	527.83	104	760110	TEMPOCHASSE WC 1" c-wall 200 connection washer Ø32/55 ~7 sec	233.52	240
749350	TEMPOSOFIT aluminium shower panel top inlet +handset ~30sec	609.04	104	760150	*TEMPOCHASSE WC 1" CW valve 190mm (while stk then 760110)	252.39	-
749428	TEMPOSOFIT 2 rec shower valve M½" ~30 sec + wall plate Ø130	121.09	133	760200	TEMPOCHASSE KIT 1" cross wall t/flow ~7sec +elbow tube Ø32	261.49	-
749429	TEMPOSOFIT 2 recessed shower kit M½" ~30 sec valve + ROUND	237.83	132	760210	TEMPOCHASSE WC 1" cross wall 200 ~7 sec + angled tube Ø32	288.48	240
749628	TEMPOSTOP recessed shower valve F½" ~30sec st steel plate	149.47	135	760220	TEMPOCHASSE WC rec/plate kit 1" +con wash Ø32/55 ~7sec	337.99	240
749700	TEMPOSTOP exposed shower valve M¾" 12 lpm ~30sec time flow	119.84	137	760460	TEMPOCHASSE exp for slop hop kit 1 ¼" + tube Ø32 ~7sec	329.85	241
749721	TEMPOSTOP exp shower M½" M¾" ~30sec, inlet comp fittings	140.95	137	760605	TEMPOCHASSE WC recessed/c-wall cast MM1 ¼" Ø32 ~7sec flow	112.23	-
749725	Replaced by 749721	-	-	760627	Replaced by 760220	-	-
74972515	Replaced by 749721	-	-	760700	TEMPOCHASSE 1" CW valve kit 190mm + tube	293.35	-
749770	TEMPOSTOP shower valve M¾" for panels ~30sec + wall plate	125.96	135	761000	TEMPOFLUX WC Ø28 exposed valve M¾" angled ~7sec time flow	112.46	239
749870	TEMPOSOFIT 2 sh valve M½" for panels 7mm ~30 sec time flow	93.29	133	761001	TEMPOFLUX WC Ø28 exposed valve M¾" angled ~7sec + stopcock	166.82	239
749925	Discontinued	-	-	761002	TEMPOFLUX WC exposed kit F¾" Ø28 angled ~7sec + stopcock	257.23	239
749BOX	TEMPOSTOP rec shower waterproof Kit1/2 (+74918/239/232)	212.95	134	761003	TEMPOFLUX WC exp kit M¾" angled ~7sec + tube Ø28 stopcock	245.84	239
750000	*Urinal neck tube F½" for ALLIA Nogent +nozzle (while stk)	72.63	-	761004	TEMPOFLUX WC exp kit M¾" angled ~7sec time flow +tube Ø28	191.48	239
751000	Urinal neck tube F½" for ALLIA /SELLES + water nozzle	48.41	190	761025	TEMPOFLUX WC M¾" exp vlv time flow ~7 sec + tube Ø 24/25mm	129.73	239
751753	Urinal neck tube F½" for VB Losange 7530 + water nozzle	64.58	191	761110	TEMPOFLUX WC M¾" Ø25 flush vlv c-wall 200 ~7 sec time flow	223.31	238
752000	Urinal neck tube F½" Ø35	34.02	190	761200	TEMPOFLUX WC valve CW 200mm ~7sec	233.20	-
752430	Urinal neck tube Ø 35mm recessed supply	24.72	171	761210	TEMPOFLUX WC M¾" kit c-wall 200mm ~7 sec timing + tube 2/2	260.99	238
753000	Urinal neck tube F½" F¾" Ideal STANDARD/PORCHER Applique	22.53	190	761627	TEMPOFLUX WC rec valve M¾" 7 sec st steel plate 220x170	236.21	238
753005	Refit kit TEMPOSTOP basin/urinal ~7sec - until 2022	23.05	-	761700	TEMPOFLUX WC valve kit CW 200mm ~7sec	272.46	-
753010	Refit kit for TEMPOSTOP basin/shower ~15sec - until 2022	23.05	-	761900	TEMPOFLUX WC recessed valve M¾" ~7 sec chromed plate Ø195	251.87	-
753105	Refit kit TEMPOSTOP AB basin/urinal ~7sec - until 2022	23.05	-	762150	TEMPOFLUX 2 WC cross wall 140 flush valve M¾" Ø25 ~7sec	274.59	235
753115	Refit kit TEMPOSTOP AB basin/shower ~15sec - until 2022	23.05	-	762901	TEMPOFLUX 2 WC rec vlv M¾" with box ~7sec single flush	265.62	235
753148	Refit kit TEMPOSTOP siphon action urinal ~7sec - until 2022	30.08	-	762902	TEMPOFLUX 2 WC rec valve M¾" with box ~7sec dual flush	287.94	235
753149	Maintenance kit for TEMPOSTOP shower ~30sec time flow	30.08	273	763000	TEMPOFLUX 3 WC F¾" recessed AB, satin, 3L/6L, kit 2/2	171.50	223

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

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REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
763030	TEMPOFLUX 3 WC F3/4" recessed AB, black glass, 3L/6L, kit 2/2	429.44	223	790001	TEMPOMIX exposed shower mixer kit M3/4" ~30sec time flow	414.17	130
763040	TEMPOFLUX 3 WC recessed AB, chromed, 3L/6L, kit 2/2	243.70	223	790006	TEMPOMIX exp shower mixer kit M1/2" ~30sec +stopcocks	509.26	130
763041	TEMPOFLUX 3 WC F3/4" recessed valve AB, single flush, kit 2/2	221.23	223	790008	TEMPOMIX exp shower mixer kit M1/2" ~30sec + elbow union	472.40	130
763256	TEMPOFLUX 3 WC M3/4", AB, 6L, flush valve CW 200	213.42	233	790152	Aluminium extension for shower panel	200.70	112
763266	TEMPOFLUX 3 WC M3/4", AB, 6l, flush kit TC 200 +tube Ø32	253.75	233	790153	Stainless steel telescopic extension for shower panel	357.16	112
763300	TEMPOFLUX 3 recessed 3/4" WC valve AB side control	426.31	232	790204	TEMPOMIX st steel shower panel top inlets ~30sec + soap dish	925.90	103
763BOX	TEMPOFLUX 3 WC 3/4" valve recessed AB, 3L/6L, kit 1/2	142.92	223	790204DP	TEMPOMIX SS shower panel top inlets ~30sec + SD rain effect	922.54	-
763PIM	Satin st st plate for TEMPOFLUX 3 WC recessed AB	121.07	274	790206	Replaced by 790204	-	-
763PMM	Metal plate for TEMPOFLUX 3 WC recessed AB	215.41	274	790214	TEMPOMIX st steel shower panel back inlets ~30sec +soap dish	925.90	103
763PVM	Black glass for TEMPOFLUX 3 WC recessed AB	351.36	274	790214DP	TEMPOMIX SS shower panel back inlets ~30sec + SD rain effect	922.54	-
764000	Inline stopcock chromed + flow adjustment F1" - F1 1/4"	82.54	241	790218	TEMPOMIX recessed shower mixer waterproof Kit2/2 (+790BOX)	336.90	129
764600	Stopcock straight + flow adjustment F1"-F1 1/4" rough	77.47	-	790219	TEMPOMIX recessed sh mixer waterproof Kit2/2 ROUND (+790BOX)	439.92	129
765000	Elbow stopcock chromed + flow adjustment F1" - F1 1/4"	72.99	241	79030015	TEMPOMIX alu shower panel top inlets Ø15 comp fit ~30sec	741.40	102
765020	Elbow stopcock chromed + flow adjustment FF3/4"	72.36	239	79030515	TEMPOMIX alu shower panel top inlets Ø15 mixer + soap dish	775.39	102
766001	Elbow flush tube Ø32/55 st steel TEMPOCHASSE WC 1 1/4"	84.88	242	790310	TEMPOMIX aluminium shower panel mixer hidden inlets ~30sec	732.72	102
766002	Elbow flush tube + con washer Ø28/55 for TEMPOFLUX WC 3/4"	79.04	242	79035015	TEMPOMIX alu shower panel top inlets Ø15 mixer + handset	875.96	102
769001	Elbow flush tube PE Ø32/55 for TEMPOCHASSE F1 1/4"	64.39	242	790425	TEMPOMIX rec shower mixer M1/2" Ø15 ~30sec time flow + plate	324.07	-
769400	Recessed/cross wall PVC elbow flush tube Ø32	40.97	242	790427	TEMPOMIX rec shower mixer M1/2" Ø14 ~30sec time flow + plate	324.07	129
769500	Rec/c-wall PVC elbow flush tube + connection washer Ø32/55	61.97	242	790709	TEMPOMIX recessed/plate shower mixer kit M1/2" + ROUND	427.09	129
770035	Urinal corner wedge L35 I.S.J.DELAFON, LAUFEN, PORCHER	39.49	193	790712	*TEMPOMIX rec shower kit M1/2 +TONIC JET(whl stk thn 790709)	440.86	-
770045	Urinal corner wedge L45 ALLIA VILLEROY & BOCH	39.49	193	790874	TEMPOMIX exposed shower mixer FFM3/4" ~30sec + elbow unions	318.84	131
771000	SIPHURINOIR vertical siphon with lip seal Ø50/32 H 110 chr ABS	40.32	192	790875	TEMPOMIX exposed shower mixer M1/2" ~30sec + offset unions	470.10	131
775000	Urinal outlet M1 1/4" socket to seal Ø54, chromed brass	23.55	193	790909	TEMPOMIX recessed shower mixer kit M1/2" plate Ø195 + ROUND	427.09	129
776000	Urinal outlet M1 1/4" with comp seal Ø50 w-out nut, chr brass	64.81	193	790912	*TEMPOMIX rec sh kit M1/2" Ø195 TONICJET(whl stk thn 790909)	440.86	-
777000	TEMPOSTOP exposed urinal MM1/2" inline ~3sec + wall plate	71.09	189	790925	TEMPOMIX rec sh mixer M1/2" Ø15 ~30sec time flow plate Ø195	324.07	-
777007	TEMPOSTOP exposed urinal MM1/2" inline ~7sec + wall plate	71.09	189	790927	TEMPOMIX recessed shower mixer M1/2" Ø14 ~30sec plate Ø195	324.07	129
777015	TEMPOSTOP urinal kit inline washer Ø35	106.01	-	790970	TEMPOMIX shower mix M3/4" for panels 1-10mm ~30sec time flow	270.54	131
777101	*TEMPOSTOP urinal kit inline ALLIA Aubagne 2, SELLES (whl stk)	187.50	-	790975	TEMPOMIX shower mix M3/4" for panels 8-16mm ~30sec time flow	270.54	131
777110	TEMPOSTOP urinal valve MM1/2" c-wall 200mm ~3 sec time flow	120.45	188	790BOX	Recessed waterproof box for shower mixer - Kit 1/2	104.68	129
777130	TEMPOSOFT 2 recessed urinal valve M1/2" ~3sec + wall plate	121.09	186	791300	Shower alu panel top inlets mechanical mixer sh head 6lpm	719.94	-
777140	TEMPOSOFT 2 urinal vlv MM1/2" for panels 7mm ~3sec time flow	95.14	186	79130015	Shower alu panel top inlets Ø15 mech mixer sh head 6lpm	719.94	105
777200	TEMPOSTOP c-wall 200mm urinal valve ~3sec	130.38	-	791350	Shower alu panel top inlets mechanical mixer + handset	803.09	105
777517	*TEMPOSTOP urnl kit inline JACOB DELAFON Coquille 2(whl stk)	204.54	-	791360	Shower panel conc inlet mech mix + shower head	803.09	105
777800	TEMPOSOFT 2 wall mtd exposed urinal valve MM1/2" ~3sec flow	84.73	186	792218	SECURITHERM therm shower mix rec ~30sec waterproof kit 2/2	533.54	128
777807	TEMPOSOFT 2 wall mtd exposed urinal valve MM1/2" ~7sec flow	84.73	186	792219	SECURITHERM therm sh mix rec 30sec +ROUND waterproof kit 2/2	621.47	128
777924	*TEMPOSTOP recessed urinal valve MM1/2" (stock then 778BOX)	72.20	-	79230015	SECURITHERM thermostatic alu sh panel top inlets Ø15 ~30sec	872.66	97
777925	*TEMPOSTOP recessed urinal valve MM1/2" (stock then 778700)	113.38	-	792303	SECURITHERM st steel therm shower panel top inlets ~30sec	951.00	98
777930	TEMPOSTOP recessed urinal valve MM1/2" ~3sec + wall plate	102.63	-	792303CF	*SECURITHERM SS therm panel, top inlets (stock then 792303DP)	951.00	-
778000	TEMPOSTOP exp urinal valve MM1/2" angled ~3sec + wall plate	78.37	189	792303DP	SECURITHERM SS therm sh panel top inlets ~30sec rain effect	947.01	-
778007	TEMPOSTOP exp urinal valve MM1/2" angled ~7sec + wall plate	78.37	189	79230415	SECURITHERM SS therm sh panel top inlets Ø15 ~30sec + soap	1,019.98	98
778700	TEMPOFLUX recessed urinal satin st. steel ~3 sec kit 2/2	192.94	183	792304CF	*SECURITHERM SS therm panel, top inlets (stock then 792304DP)	995.30	-
778707	TEMPOFLUX recessed urinal satin st. steel ~7 sec kit 2/2	192.94	183	792304DP	SECURITHERM therm sh panel top inlets ~30sec +DS rain effect	990.26	-
778754	TEMPOFLUX M1/2" exp angled valve kit ~3sec with offset tube	163.46	185	792305	SECURITHERM alu shower panel top inlets ~30 sec + soap dish	882.24	97
778755	TEMPOFLUX exp. urinal valve kit M1/2" angled 3 sec +stopcock	157.98	185	792310UK	SECURITHERM therm alu shower panel UK hidden inlets 30 sec	872.66	97
778756	TEMPOFLUX kit M1/2" ~3 sec for DELTACERAM urinals	163.46	185	792313	SECURITHERM st steel therm shower panel back inlets ~30sec	951.00	98
778757	TEMPOFLUX kit M1/2" ~3 sec for DELTA urinals after 12/2018	162.40	185	792313CF	*SECURITHERM SS therm panel, back inlets (stock then 792313DP)	951.00	-
778759	TEMPOFLUX urinal valve kit M1/2" ~3 sec for FINO urinals	162.40	185	792313DP	SECURITHERM therm sh panel back inlets ~30sec, rain effect	947.01	-
778764	TEMPOFLUX M1/2" exp angled valve kit ~7sec with offset tube	163.46	185	792314	SECURITHERM SS therm sh panel back inlets ~30sec + soapdish	995.30	98
778765	TEMPOFLUX exp. urinal valve kit M1/2" angled 7 sec +stopcock	157.98	185	792314CF	*SECURITHERM SS therm panel, back inlets (stock then 792314DP)	995.30	-
778766	TEMPOFLUX kit M1/2" ~7 sec for DELTACERAM urinals	163.46	185	792314DP	SECURITHERM therm sh panel back inlets ~30sec DS rain effect	990.26	-
778767	TEMPOFLUX kit M1/2" ~7 sec for DELTA urinals after 12/2018	162.40	185	792320	SECURITHERM therm alu panel top inlets ~30sec handset +fixed	967.66	97
778769	TEMPOFLUX urinal valve kit M1/2" ~7 sec for FINO urinals	162.40	185	792324	SECURITHERM therm SS panel top inlets ~30sec handset + fixed	1,126.42	99
778800	TEMPOSOFT 2 wall mounted urinal valve M1/2" angled ~3sec	78.37	186	792330	SECURITHERM therm alu panel rear inlet ~30sec handset +fixed	967.66	97
778807	TEMPOSOFT 2 wall mounted urinal valve M1/2" angled ~7sec	78.37	186	792334	SECURITHERM therm SS panel rear inlet ~30sec handset + fixed	1,126.42	99
778BOX	Recessed waterproof housing for TEMPOFLUX urinal, kit 1/2	132.00	183	792340	SECURITHERM therm sh panel, alu, top inlet, h/set + firm head	993.66	97
778PIS	Satin stainless steel plate for recessed TEMPOFLUX urinal	72.70	274	792344	SECURITHERM st steel therm sh panel top inlets + handspray	1,126.42	99
779000	TEMPOSTOP exposed urinal valve MM3/4" inline ~7sec time flow	109.83	189	792344CF	*SECURITHERM SS therm panel, top inlets (stock then 792344DP)	1,126.42	-
779128	TEMPOSTOP recessed urinal valve FF1/2" ~7sec + wall plate	149.47	188	792344DP	SECURITHERM SS therm shower panel top inlets, rain effect	1,118.18	-
779221	Replaced by 778700	-	-	792350	SECURITHERM therm sh panel, alu, conc inlet, h/set + firm head	993.66	97
779421	*TEMPOSTOP rec urinal valve (while stock then 778BOX+778707)	175.52	-	792354	SECURITHERM st steel therm sh panel back inlets + handspray	1,126.42	99
779427	TEMPOSTOP rec urinal valve FF1/2" ~7sec time flow + plate	166.03	188	792354CF	*SECURITHERM SS panel back inl+hdspray (stck then 792354DP)	1,126.42	-
780000	Discontinued	-	-	792354DP	SECURITHERM SS therm shower panel back inlets, rain effect	1,118.18	-
785000	Stall waste + integ siphon, vertical outlet Ø40 with nut	42.43	192	792370	SECURITHERM therm alu shower panel top inlets handset ~30sec	1,006.63	97
790000	TEMPOMIX exposed shower mixer M3/4" ~30sec time flow	253.63	131	792380	SECURITHERM therm alu sh panel hidden inlets handset + fix	988.90	97

References prefixed by \* are available while stocks last. References are listed in ascending alphanumerical order.

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
79239015	SECURITHERM alu shower panel top inlets Ø15 handset + fix	997.60	97	794PLAQ19	Wall plate for TEMPOMIX 3 recessed basin mixer spout L.190mm	213.99	272
79240015	SECURITHERM therm alu sh panel 6V battery-op top inlets Ø15	1,069.51	82	79500015	TEMPOMIX basin mixer M½" Ø15 ~7sec + stopcocks	265.43	59
792403	SECURITHERM st steel therm sh panel 6V battery-op top inlets	1,239.07	85	79500015CO	TEMPOMIX basins M½" mixer ~7sec copper tails Ø 15mm conn +SC	350.09	-
792403CF	*SECURITHERM SS panel 6V batt-op top inl (stck then 792403DP)	1,239.07	-	795000AB	TEMPOMIX AB basin mixer F¾" ~7sec + stopcocks	272.42	-
792403DP	SECURITHERM SS therm sh panel battery top inlets rain effect	1,228.10	-	795100AB	TEMPOMIX AB basin mixer F¾" time flow ~7sec	260.26	-
79240415	SECURITHERM SS therm sh panel 6V batt-op top inlets Ø15 soap	1,305.26	85	795209	TEMPOMIX c-wall 220 basin mixer kit M¾" ~7sec time flow	457.38	59
792404CF	*SECURITHERM SS panel batt-op top inl+soap(stck then 792404DP)	1,281.31	-	795209AB	TEMPOMIX AB basin mixer M¾" kit c-wall 220 time flow ~7sec	469.54	-
792404DP	SECURITHERM SS therm sh panel batt top inlets DS rain effect	1,269.30	-	796000	TEMPOMIX wall mtd basin mixer M¾" ~7 sec with fixed spout	277.78	59
792410UK	SECURITHERM therm alu shower panel UK 6V batt-op back inlets	1,069.51	82	796209	TEMPOMIX c-wall 220 shower mixer kit M¾" ~30sec + ROUND	486.10	130
792413	SECURITHERM st steel therm sh panel 6V batt-op back inlet	1,239.07	85	796838	TEMPOMIX wall mtd basin mix M½" ~7sec fix spout+ang unions	335.82	59
792413CF	*SECURITHERM SS panel, 6V bty-op, back inl(stck then 792413DP)	1,239.07	-	798152	TEMPOMIX wall mounted basin mixer M¾" ~7sec swivel spout	290.11	59
792413DP	SECURITHERM therm sh panel battery back inlets, rain effect	1,228.10	-	798152CXL	Replaced by 798152	-	-
792414	SECURITHERM SS therm sh panel 6V batt-op back inlets + soap	1,281.31	85	806794	Union M½" F¾" for flexible with TEMPOMIX 3 shower	11.82	-
792414CF	*SECURITHERM SS panel, bty-op, conc inl (stck then 792414DP)	1,281.31	-	807792	Removable push-fit rapid STOP connector FM½" for sh panel	68.63	112
792414DP	SECURITHERM therm sh panel batt back inlets DS, rain effect	1,269.30	-	811611.2P	2 x Copper tails M11 x 1 L365mm	48.03	-
792452	SECURITHERM elec therm shower recessed waterproof kit 2/2	804.82	116	820022	*Push-fit union F22/100 for BIOFIL (while stock then 820122N)	28.57	-
792459	SECURITHERM elect therm sh mix rec +ROUND waterproof kit 2/2	907.83	116	820023	*Push-fit union M½" for BIOFIL (while stock then 820123)	28.57	-
792504	SECURITHERM st st therm shower panel 230/6V top inlet +soap	1,312.29	85	820024	Replaced by 820124N	-	-
792514	SECURITHERM SS therm shower panel 230/6V back inlets + soap	1,312.29	85	820025	*Push-fit union M24/125 for BIOFIL (while stock then 820125)	28.57	-
792BOX	Waterproof recessed control unit for therm shower kit 1/2	222.17	116	820026	*Push-fit union M16.5x100 for BIOFIL (while stock thn 820126N)	28.57	-
794000	TEMPOMIX 3 basin mixer F¾" ~7sec time flow with stopcocks	257.23	-	820122	*Push-fit union F22/100 for BIOFIL (while stock then 820122N)	35.73	-
79400015	TEMPOMIX 3 basin mix M½" ~7sec time flow + stopcock Ø15	265.35	53	820122N	Push-fit union F22/100 for BIOFIL tap filter	40.59	149
79400015AB	TEMPOMIX 3 AB basin mix M½" ~7sec time flow + stopcock Ø15	271.42	53	820123	Push-fit union M½" for BIOFIL tap filter	40.59	149
79400015CO	TEMPOMIX 3 basins M½" mixer ~7sec copper tails Ø 15 conn +SC	370.72	-	820124	Replaced by 820124N	35.73	-
79400015LD	TEMPOMIX 3 basin mixer M½" ~7 sec., 1.4 lpm + stopcock Ø15	268.96	-	820124N	Push-fit union M24/100 for BIOFIL tap filter	40.59	149
794000LD	TEMPOMIX 3 basin mixer F¾" ~7 seconds, 1.4 lpm + stopcock	260.84	-	820125	Push-fit union M24x125 for BIOFIL tap filter	40.59	112
794010	TEMPOMIX 3 basin mixer F¾" time flow ~7sec H170mm + stopcock	285.81	-	820126	*Push-fit union M16.5x100 for BIOFIL (while stock thn 820126N)	35.73	-
794020	TEMPOMIX 3 basin mixer F¾" time flow ~7sec H250mm + stopcock	322.30	-	820126N	Push-fit union M16.5x100 for BIOFIL tap filter	40.59	149
794050	TEMPOMIX 3 basin mixer M½" recessed ~7 sec spout L.110	333.50	55	821122	Anti-vandal union F22/100 for BIOFIL tap filter	47.37	149
794050LD	TEMPOMIX 3 rec. basin mixer M½" ~7 sec, 1.4 lpm - L.110mm	337.26	-	821123	Anti-vandal union M½" for BIOFIL tap filter	47.37	149
794055	TEMPOMIX 3 basin mixer M½" recessed ~7 sec spout L.190	380.69	55	821124	Anti-vandal union M24/100 for BIOFIL tap filter	47.37	149
794055LD	TEMPOMIX 3 rec. basin mixer M½" ~7 sec, 1.4 lpm - L.190mm	384.45	-	821125	Anti-vandal union M24/125 for BIOFIL tap filter	47.37	112
794100	TEMPOMIX 3 basin mixer F¾" ~7sec time flow	243.70	-	822115	Extension union MF½" L100 Ø24 chromed for wall mtd taps	22.78	67
794100AB	TEMPOMIX 3 AB basin mixer F¾" ~7sec time flow	256.71	-	822516	Extension union MF½" L50 Ø26 chromed for wall mounted taps	17.56	67
794100LD	TEMPOMIX 3 time flow mixer F¾" ~7 seconds, 1.4 lpm	247.30	-	824800	Reinforced plate Ø80 4 screws wall mtd TEMPOMIX, TEMPOSOFT	31.60	59
794110	TEMPOMIX 3 basin mixer F¾" time flow ~7sec H170mm	273.65	-	825015	Inline stopcock union nickel plated MF½" L35	14.54	144
794120	TEMPOMIX 3 basin mixer F¾" time flow ~7sec H250mm	310.14	-	825215	Inline stopcock union MF½" L70 retractable straight nut	33.39	132
794150	TEMPOMIX 3 basin mix F¾" cross wall 110 ~7 sec spout L.110	249.70	55	826315	Back-nut F½" 4mm thick with 3 screws and washer	10.26	59
794150AB	TEMPOMIX 3 AB basin mix F¾" cross wall 110 ~7 sec spout L.110	262.70	55	827032	Inlet socket union for squat WC Ø28/32	29.20	-
794150LD	TEMPOMIX 3 c-wall mixer F¾" 110mm, ~7 sec, 1.4 lpm - L.110	253.40	-	836015	Elbow wall union with stopcock MF½" L30 H30	47.00	132
794155	TEMPOMIX 3 basin mix F¾" cross wall 110 ~7 sec spout L.190	295.47	55	836020	Elbow wall union with stopcock M½" F¾" L30 H30	47.56	59
794155AB	TEMPOMIX 3 AB basin mix F¾" cross wall 110 ~7sec spout L.190	308.49	55	836215	Elbow wall union with stopcock MF½" L20 H30	47.00	144
794155LD	TEMPOMIX 3 c-wall mixer F¾" 110mm, ~7 sec, 1.4 lpm - L.190	299.17	-	838015	Elbow wall union MF½" L30 H27	32.87	144
794160	TEMPOMIX 3 basin F¾" cross wall 110 ~7 sec +stopcock L.110	263.58	55	838020	Elbow wall union M½" F¾" L30 H29	34.58	59
794160AB	TEMPOMIX 3 AB basin F¾" cross wall 110 ~7sec +stopcock L.110	276.59	55	841215	Reinforced exposed union MF½" with stud nut Ø 51mm	48.17	73
794160LD	TEMPOMIX 3 cwall mix F¾" 110 7sec 1.4 lpm stopcock - L.110	267.27	-	841315	Chromed backplate elbow MF½" with stud nut Ø14	38.25	67
794165	TEMPOMIX 3 basin F¾" cross wall 110 ~7 sec +stopcock L.190	309.35	55	845527.2P	Discontinued	-	-
794165AB	TEMPOMIX 3 AB basin F¾" cross wall 110 ~7 sec +stopcock L.190	322.36	55	855755.2P	2 x STOP/CHECK unions M½"-M¾", offset 12mm	71.07	-
794165LD	TEMPOMIX 3 cwall mix F¾" 150 7sec 1.4 lpm stopcock - L.190	313.04	-	855755UK.2P	2 x STOP/CHECK unions M½"-M¾" inline	84.34	72
794200	Recessed TEMPOMIX 3 basin mixer L.110 kit 2/2 (+794BOX3)	302.21	57	856794.2P	2 x S union M½" M¾" with cover plate, offset 11mm	31.77	72
794218	TEMPOMIX 3 rec waterproof shower mixer kit 2/2 (+794BOX1)	214.03	123	868121	Wall mounted elbow outlet MM½" H33 for shower	42.95	145
794219	TEMPOMIX 3 rec waterproof shower kit 2/2 + ROUND (+794BOX1)	317.04	123	874220.2P	2 x Elbow union FF¾" with captive nut	65.48	144
794250	Recessed TEMPOMIX 3 basin mixer L.190 kit 2/2 (+794BOX3)	315.96	57	88CH5	Ceiling mtd shower head F½" chromed brass 5 rings	37.84	143
794350	TEMPOMIX 3 basin M½" exp mix 7sec c-c 150 swivel spt L150	351.99	53	900015	Non return valve DW15	6.11	275
794360	TEMPOMIX 3 basin M½" exp mixer 7sec c-c 150 fixed spt L150	351.99	53	900020	Non return valve DW20	12.32	275
794370	TEMPOMIX 3 basin M½" exp mixer ~7 sec c-c 150 short spout	323.84	53	9102	Wall mounted safety eye wash with bowl	447.64	264
794400	TEMPOMIX 3 shower M¾" exp mixer ~30 sec c-c 150 top outlet	295.70	127	9108	Horizontal safety wall mounted shower	219.54	264
794450	TEMPOMIX 3 shower kit M¾" exposed mixer ~30 sec c-c 150	465.16	127	9120C	Wall-mounted single spray eye wash + identification sign	189.48	265
794450AB	TEMPOMIX 3 AB shower kit M¾" exposed mixer ~30 sec c-c 150	478.18	127	9121	Wall-mounted dual spray eye wash + identification sign	216.53	265
794470	TEMPOMIX 3 shower M½" exp mixer ~30 sec c-c 150 btm outlet	302.73	127	9140C	Deck-mounted single spray eye wash + identification sign	234.54	265
794BOX1	Recessed waterproof housing for TEMPOMIX 3 shower ½" -kit ½"	309.76	123	9141	Deck-mounted dual spray eye wash + identification sign	268.33	265
794BOX3	Recessed waterproof box for TEMPOMIX 3 basin mixer - kit 1/2	309.76	57	91AA75	Safety aerator covers for eye wash	8.84	265
794PLAQ	Wall plate for TEMPOMIX 3 recessed shower	104.59	273	9201	Safety free standing eye wash with bowl	725.19	264
794PLAQ11	Wall plate for TEMPOMIX 3 recessed basin mixer spout L.110mm	213.99	272	9203	Safety free standing eye wash and shower combination	1,065.38	263

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## DELABIE / Reference index

REF.	DESCRIPTION	£ (Excl. VAT)	P.	REF.	DESCRIPTION	£ (Excl. VAT)	P.
922016.2P	2 × Flow straightener M16.5/100	8.86	275	990223	Lithium battery 6V type 223 for units 479446, 490446, 492446	23.94	277
922022.2P	2 × Eco flow straightener adjustable flow rate F22/100	10.80	72	993615	*ECONOMIX 15/3 Combi thermostatic mixing valve (while stock)	233.91	-
922024.2P	2 × Eco flow straightener adjustable flow rate M24/100	10.80	72	993622	*ECONOMIX 22/3 Combi thermostatic mixing (while stock)	281.25	-
9225	Safety shower head	61.77	265	999049	4 × Vandal proof screws TORX M5×25 + pegs	8.19	275
923016.2P	2 × BIOSAFE outlets M16.5/100	8.86	72	A22D75	Safety aerator F22/100 for safety hand sprays	19.40	265
925616.2P	2 × Scale-resistant aerators M16.5/100	15.22	72	A22LY75	Safety aerator F22/100 for eye wash	19.40	265
925622.2P	2 × Scale proof aerators F22/100 + eco washer	15.31	275	BA9915	*2 × 15mm Combi angled inlet assembly (while stock)	87.93	-
925624.2P	2 × Scale proof aerators M24/100 + eco washer	15.31	275	BA9922	Discontinued	-	-
925716.2P	2 × ECO aerators 1.5 lpm - M16.5/100	18.52	72	BJ13V	Flow straightener Ø13 in Hostaform®	1.83	275
925724.2P	2 × ECO aerators 1.5 lpm - M24/100	13.05	72	C282025	2.5mm Allen key to adjust flow rate on Eco flow straightener	11.97	72
927005.5P	5 × Flow-rate regulator 5-6 lpm FM½"	70.34	143	CEL378150V	Detector + L1.50m cable for BINOPTIC, TEMPOMATIC 2	97.21	277
927015.5P	5 × Flow-rate regulator 10 lpm FM½"	70.34	143	CEL378499V	Detector + L5m cable for BINOPTIC, TEMPOMATIC 2	163.53	277
941120	Wall mounted fixed L-shaped spout M½" L120 - H60 adj FS	45.18	71	CEL378V	Detector + L0.70m cable for BINOPTIC, TEMPOMATIC 2	75.80	277
941922	Wall mtd L-shaped spout for panels 1-10mm M½" L120 H60 FS	54.65	71	CF	*Adjustable nozzle M24×1.25 - 10 lpm (while stock then DP)	11.78	-
942040	Spout for cross wall 30mm M½" L75 flow straightener	70.40	71	DP	Rain effect comfort diffuser, vandal proof, M24×1.25	19.23	144
942200	Spout for cross wall 230mm M½" L75 flow straightener	86.55	71	GR	*Rain effect spray grid M24×1.25 (while stk then DP)	25.76	-
947120	Wall mounted fixed spout M½" L.110 H16 Ø32 adjustable FS	74.72	71	H9634	SECURITHERM thermostatic sequential shower panel back inlets	683.20	101
947135	Wall mtd fixed spout M½" L120 H16 Ø32 adj FS + plate Ø60	87.09	71	H9635	SECURITHERM therm seq shower panel back inlets + handset	800.32	101
947151	Fixed spout for walls 165mm M½" L120 Ø32 adjustable FS	120.68	71	H9636	SECURITHERM sequential shower panel flexi inlets w. handset	800.32	101
947157	Fixed spout for walls 165mm M½" L170 Ø32 adjustable FS	145.31	71	H963615	SECURITHERM sequential shower panel copper inlets w. handset	813.33	101
947170	Wall mounted fixed spout M½" L160 H16 Ø32 adjustable FS	96.10	71	H9639	SECURITHERM sequential therm shower panel flexible inlets	683.20	101
947185	Replaced by 947170	-	-	H963915	SECURITHERM sequential therm shower panel copper inlets Ø15	696.22	101
967152	Swivel swan neck spout M½" L150 H120 adj flow straightener	48.46	71	KB7007	BINECO maintenance kit for basin/urinal ~7sec time flow	20.98	275
967202	Swivel swan neck spout M½" L200 H200 adj flow straightener	51.08	71	KB7015	BINECO maintenance kit for basin 15sec time flow	20.98	275
981142	Fixed cast spout M½" L140 H120 adj flow straightener	99.27	71	KB7025	BINECO maintenance kit for shower ~25sec time flow	20.98	275
983615	*ECONOMIX 15/3 thermostatic mixing valve (while stock)	208.21	-	KBP311N	BINECO maintenance kit for shower starter and fountain 83-84	12.57	275
983622	*ECONOMIX 22/3 thermostatic mixing valve (while stock)	218.47	-	LH	Long lever LH	52.23	-
990123	2 × Lithium batteries 3V type 123A for elect unit 495446BC	21.29	277				

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Unless otherwise agreed in writing these conditions constitute the only conditions upon which DELABIE UK Ltd. ("The Company") is willing to supply the goods specified.

**The Company does not sell directly to members of the public:**

- The price list is provided for guidance only and does not constitute a contract. The wholesalers and installers are free to determine their prices in accordance with current regulations, taking into account their costs, services and warranty costs they bear.
- The Terms and Conditions are valid for all wholesale customers.

For all other professionals (manufacturers, export, etc.) or for any special manufacturing request, please contact us.

**ORDERS AND QUOTATIONS:**

These will be processed in order of receipt. We do not accept open orders or orders for call-off. All orders sent imply acceptance of our general terms and conditions of sale and customers waive any claims that may arise from clauses in their own documentation which may differ. The customer agrees to these terms from the moment that we receive the order, which cannot be cancelled. Orders are accepted without obligation to deliver the order in full in one delivery. Our commercial representatives are not authorised to agree additional terms verbally, or to provide verbal guarantees beyond those provided in the written contract. In the event of default or delayed payment, the Company will be entitled to suspend deliveries or cancel existing orders without any claim for damages from the customer. In the event of a change in circumstances of the buyer, we reserve the right to cancel existing orders or to demand payment guarantees. Our quotes do not amount to specifications; specifiers and professional installers are solely responsible for the choice of products according to their intended use, current regulations and recommended guidelines.

**PRICE:**

Deliveries are invoiced according to the conditions in place at the date of despatch. Prices are given without guarantee and they may be changed without notice subject to fluctuations in costs, VAT or other taxes, according to the prevailing economic conditions. Price increases will be announced one month prior to their application, and they apply to quotes and orders in hand. Orders will be despatched free-of-charge for all deliveries within mainland UK, excluding express deliveries.

**PAYMENTS:**

Unless otherwise stated, prices quoted are ex-works and are exclusive of value added tax. All prices will be subject to any value added tax at the appropriate rate. Payment terms, subject to credit approval and prior agreement, are strictly 30 days from invoice date. According to individual credit conditions and/or insurance requirements The Company reserves the right to request payment in advance of despatch of goods on receipt of order. We do not give discounts for early payment.

The company understands and will exercise its statutory right to claim interest and compensation for debt recovery costs under the Late Payment of Commercial Debts (interest) Act 1998 legislation if invoices are not paid according to agreed credit terms.

In the case of late payment a cash payment may be required, replacing existing conditions. We will not accept any set-off, only our assets have a legal value.

**DELIVERY TIMES:**

Despatch dates are indicative only and we shall not be liable for any delay or failure in carrying out our obligations where the delay or failure to deliver is caused by risks of manufacturing or where the cause is beyond our control. Delivery delay will not give rise to compensation payment or goods rejection.

**SHIPPING:**

Orders are sent to our distributors. We do not deliver to site. The buyer assumes responsibility for carriage and packing costs for deliveries outside mainland UK. The carrier is solely responsible for their delivery, and in the event of delay, missing items, damage or other dispute, the customer must indicate this via the delivery driver's paperwork (either electronically or in hard copy) AND follow up with written notification sent by recorded delivery within 24 hours. A copy of this letter must be addressed to us.

**CLAIMS:**

No claim will be allowed where the delay in reporting exceeds 8 days following receipt of the goods. The whole of the delivery cannot be rejected because of partial damages and shortages.

**PROPERTY IN GOODS:**

Notwithstanding any agreed terms of sale, the goods shall remain the property of the seller until payment is made in full. The failure to meet a payment deadline may result in the reclamation of these goods. The buyer assumes the risks of loss or damage, regardless of the means of delivery, as described in "DELIVERY TIMES" and "SHIPPING" above, as well as liability for the damage they might cause.

**WARRANTY AND RESPONSIBILITY:**

Our finished goods are warranted against any manufacturing defect for a period of 10 years, including electronic controls, excluding other electrical accessories (e.g. hand dryers, etc.) which have a 3-year warranty from the invoice date. This does not apply to products with an expiry date. Spare parts have a one-year warranty. This warranty is limited to replacement or repair of defective components as determined by our workshops in France but excludes the costs of spoilage, handling and carriage or compensation, whatever they are. We are not responsible for handling charges and the cost of returning products to our workshops.

Disasters or major water damage as a result of manufacturing defects are covered by our product and/or public liability insurance.

Our warranty and responsibility does not include the following:

- installation that does not comply with the technical specification or current recommended guidelines;
- worn parts;
- non-compliance with installation, user and maintenance guides;
- other factors independent of our products' quality, for example: detergents or abrasive cleaning products, the action of hard water, foreign bodies (e.g. gravel, sand, iron filings, scale, etc.), chemical and electrolytic phenomenon;
- lack of supervision, poor storage or poor maintenance;
- product modifications or actions by the customer, or a third party, without our authorisation using non-DELABIE components and/or consumable items.
- products past their expiry date.

The water-tightness of connections, joints and the product housing is the responsibility of the professional responsible for installation, and must be guaranteed by them. Warranty excludes joints, valves, washers and rubber seals. However they would be supplied if the warranty application requires them. Any finishes other than chrome or nickel are also excluded from the warranty.

In the event that the product has been discontinued or manufacturing methods have changed and replacements are not available, similar alternative products will be offered. Replacement under warranty will not extend the duration of the original warranty.

Legal warranty of latent defects applies in any event.

**SPARE PARTS:**

Spare parts and mechanisms that are essential to ensure the correct operation of our products will be held in stock for the duration of the guarantee. They are listed at the back of our catalogues.

**RETURNS:**

Goods may not be returned to us for credit without our prior written approval obtained by the buyer from the Company and they are received in a good state (determined by our goods inwards department). All transportation costs for returned goods must be paid by the buyer. Goods must be returned to our factory\* with good protective packaging. Deliveries less than a month old will be refunded at the invoiced price. For deliveries older than one month, a deduction will be made for checking, handling and administration costs. A repair and re-stocking fee will apply where appropriate.

Product returns are not permitted in the following circumstances: discontinued products, specially manufactured products, technical or aesthetic evolution of the product since the date of purchase, scratched or damaged products, products purchased more than one year previously, products with an expiry date. If sent to DELABIE, those products outside the scope of returns will be immediately destroyed/recycled, and will not be returned to the customer.

The schedule of standard deductions is as follows:

- return less than 1 month: refund at invoiced price
- return between 1 and 3 months: deduction of 15%
- return between 3 months and 1 year: deduction of 30%
- return after 1 year: no refund possible.
- return without prior agreement: additional deduction of 5% of the value of the goods with a minimum value of £50 excl. VAT.

\* DELABIE S.A.S.  
18, rue du Maréchal Foch  
80130 Friville Escarbotin – FRANCE

**CLEANING - MAINTENANCE:**

Clean with slightly soapy water only, using a soft cloth or sponge, rinse and dry thoroughly. Do not use abrasive or chlorine-based products (with a hydrochloric acid base), or dyes.

**PHOTOGRAPHS AND DRAWINGS:**

All photos, drawings or illustrations are for illustrative purposes only, without contractual obligation, and may be subject to change without notice. We reserve the right to modify designs and dimensions without notice and without recourse. This applies to all references, dimensions, information contained in various documents, catalogues, installation guides, price lists and websites, which can be modified or discontinued at any time without notice.

**INTELLECTUAL PROPERTY AND USE OF CONTENT:**

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**PERSONAL DATA PROTECTION:**

In line with the General Data Protection Regulation (GDPR), DELABIE is doing everything necessary to limit to a bare minimum the collection of personal data, and its conservation and ensure its protection.

DELABIE only uses this data for its own use for purposes of information and commercialisation of its products. It is not, under any circumstances, given to third parties.

The right of access, rectification, removal and opposition to the processing in addition to the limitation and transferability of your data is possible on request to our Data Protection Officer (DPO) at DELABIE via email (dpo@delabie.fr) or recorded delivery with a photocopy of a photo ID to the following address: DELABIE, Henderson House, Hithercroft Road, Wallingford, OX10 9DG.

To improve our services and for training purposes, calls to DELABIE may be recorded. These recordings will not be retained, and will be systematically deleted within a maximum period of 48 hours.

**TERRITORIAL EXCLUSIVITY:**

Our wholesalers are authorised to sell in the UK and its offshore territories. For all other countries, the Company has entered into exclusive agreements with import and distribution companies.

In this context, our UK customers cannot sell our products outside their national borders unless they have express agreement from us.

**JURISDICTION:**

These terms of business are governed by English and Welsh law. Acceptance of an order in stock constitutes a contract under English and Welsh law. All disputes arising from the contract in connection with these terms shall be subject to the exclusive jurisdiction of the English Court, even if there is an appeal and there are multiple defendants, and regardless of the delivery location or stipulated payment. The Company may vary these terms of business from time to time by giving you reasonable written notice. All clauses to the contrary will be considered void by the mere fact of having dealt with our company.

**AVAILABLE CATALOGUES:**

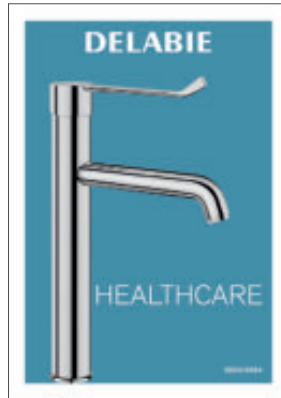
**DOC 609UK:** Water Controls for Public and Commercial Places

**DOC 900UK:** Water Controls for Healthcare Facilities and Retirement Homes

**DOC 950UK:** Accessibility and Independence - Hygienic Accessories for Public and Commercial Places

**DOC 750UK:** Stainless Steel Sanitary Ware

**DOC 200UK:** Water Controls for Professional Catering



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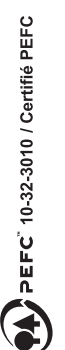
Delabie UK Ltd  
Reg No: 1764854 England  
Reg Office: Henderson House  
Hithercroft Road, Wallingford, Oxon  
OX10 9DG

UK RECOMMENDED PRICE EXCL. VAT  
FROM 01/01/2023 TO 31/12/2023

These prices may be subject to change



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