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Choice Guide for SHOWERS

ALUMINIUM PANELS

> DESIGNS for new builds & renovations • WATER SAVINGS (80%) • REDUCED MAINTENANCE

STAINLESS STEEL PANELS

> DESIGNS for new builds & renovations • WATER SAVINGS (80%) • REDUCED MAINTENANCE

RECESSED SHOWER KITS

> VANDAL PROOF • ENDURANCE • WATER SAVINGS (80%) • REDUCED MAINTENANCE

EXPOSED WATER CONTROLS

> LIMITED BUDGET • WATER SAVINGS (80%) • REDUCED MAINTENANCE

RECESSED SHOWER CONTROLS

> VANDAL PROOF • ENDURANCE • WATER SAVINGS (80%) • REDUCED MAINTENANCE

EXPOSED WATER CONTROLS

> LIMITED BUDGET • WATER SAVINGS (80%) • REDUCED MAINTENANCE

SHOWER HEADS

Scale-proof Diffusers 6 lpm

Rain Effect

ADDITIONAL FITTINGS

MIX

THESE PRODUCTS WILL WITHSTAND THERMAL AND CHEMICAL SHOCKS subject to compliance with current protocols.
DELABIE shower panels remove the need for recessed controls and they comply with anti-vandalism requirements in public places, while ensuring user comfort. While maintaining user, they also cover traces of previous installations.

**Description**

Pre-assembled stainless steel (AISI 304) or anodised aluminium panel, fitted with an automatic shut-off shower mixer or shower valve and a vandal-proof fixed shower head with an integrated scale-proof nozzle. Angle of spray can be adjusted and locked by the installer.

- Shut-off delay ~30 sec.
- Automatic flow-rate regulator 6 lpm.
- Water supply from the top, bottom, or hidden behind the panel.
- Supplied with pre-installed stainless steel flexible connection, filters and stop cocks.

**Resistant to vandalism**

- Stainless steel or anodised aluminium range with chromed-plated brass shower head, hidden tamperproof fixings, and top and bottom caps to ensure installation is vandal proof.
- Valve and shower head cannot be removed by the user.

**Reliable**

- Scale-proof and corrosion-proof mechanism. Automatic shut-off system with self-cleaning calibrated groove.
- Endurance: will operate for more than 500,000 cycles.
- 10-year warranty.

**Uses**

Stadium facilities, boarding schools, swimming pools, barracks, factories, etc.

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### Water savings of up to 85%

**Automatic closure and flow rates restricted to 6 lpm.**

Compared to classic mixers and taps, DELABIE’s electronic mixers and taps optimise water bills in the following ways:

1. **Automatic shut-off, timed for 30 seconds:**
   - The flow time is reduced to a minimum i.e. wetting and rinsing.
   - Automatic closure removes the risk of waste if the user forgets to turn off the mixer or tap.

2. **Constant flow rate set at 6 lpm whatever the water pressure:** thanks to a flow rate regulator integrated in the scale-proof shower head.
   - Provides maximum user comfort, while optimising the water bill.
   - The flow rate is set at 6 lpm regardless of variations in pressure.
   - Fitted with a scale-proof nozzle, the jet retains its shape without the need for maintenance.

The water savings created enable the following:

- **Energy savings:** the amount of water saved does not require heating.
- **Equipment savings:** lower flow rate and consumption mean that lower capacity pipework and water heating systems can be installed.

**Comparison of water consumption in commercial applications: classic shower / time flow X / DELABIE time flow 6 lpm.**

Compared to classic showers (15 lpm without automatic shut-off), DELABIE’s showers (6 lpm timed for 30 seconds) generate a water saving of 84%.

Compared to competitors’ time flow showers (10 lpm), DELABIE’s showers generate a water saving of 40%.

#### Classic shower: 75 litres (5 min. at 15 lpm)

- **Wetting:** 1 min.
- **Soaping & Shampooing:** 2 min.
- **Rinsing:** 2 min.

#### Time flow shower: 12 litres (2 min. at 6 lpm)

- **Wetting:** 2 x 30 sec.
- **Automatic timed shut-off:**
- **Rinsing:** 6 x 30 sec.

---

### Installation and maintenance

**Installation**

- Pre-assembled: quick to install.
- Fed by cold water and hot water ~50°C or pre-mixed water (see PREMIX page 81) TEMPOIX panels, and in pre-mixed water for SPORTING panels. PREMIX panels can be supplied directly with hot and cold water.
- Recommended pressure: 1 - 5 bar. Restrict the pressure for user comfort.
  - Balance the CW and HW pressure (\( \Delta P < 1 \) bar).
  - If necessary protect the installation with strainers and pressure reducers.
- Base flow rate for calculating the pipework: 0.10 lps (the automatic flow rate regulator ensures a constant flow rate of 0.10 lps).

**Easy maintenance**

Interchangeable mechanisms without removing the panel.

**Safety**

- Maximum temperature limiter can be set by the installer (on the Tempomix model) or anti-scaling safety (on the Premix model).
- Integrated non-return valves and filters.

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**Installation advice:**

We recommend recessed shower trays or Italian style drainage with a good slope for water capture.
**PREMIX Shower Panels**

- Vandal proof and limited maintenance.
- 84% water savings: automatic shut-off and set flow rate.
- M1/2" connections, with integrated stopcocks, filters and non-return valves.

**Operation**
- Press on the push-button to operate. Automatic timed shut-off.
- Temperature control on the thermostatic valve.

**Advantages**
- Comfort; constant temperatures and precise temperature control.
- Anti-scaling safety; immediate WW shut-off in case of CW supply failure.
- 84% water savings; automatic shut-off and set flow rate.
- Vandal-proof and limited maintenance.

**PREMIX Shower Panels with flexible handset**

for wall-mounted, exposed installations with top inlets with stopcocks, filters and non-return valves.

Anodised aluminium shower panel with hidden fixing, featuring:
- fixed shower head and flexible hand set. The flexible can be quickly unplugged and a wall support is supplied.
- Vandal proof, fixed, chrome-plated ROUNDD shower head.
- Valve does not feature automatic shut-off.

**PREMIX Electronic Shower Panels**

battery-operated by 6V Lithium batteries, for exposed surface mounting.

Anodised aluminium shower panel with hidden fixing, featuring:
- PREMIX single thermostatic valve.
- Infrared sensor detects user presence, powered by a 6V Lithium battery
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
- M1/2" connections with integrated filters and non-return valves.

**Advantages**
- Activates when user presence is detected.
- The valve closes voluntarily when the user leaves the shower.
- Anti-legionella: WW supply > 5°C up to the panel and duty flush programmed every 24 hours after the last use; (Duty flush for 1 minute prevents water stagnation and the development of bacteria in the pipework = risk prevention).
- Anti-scaling safety; immediate WW shut-off in case of CW supply failure.
- Comfort; constant temperatures and precise temperature control.
- 84% water savings; automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

> We recommend installing a ﬂoor trap (see page 73) and soap dish (see p.53).

**TEMPOMIX & Mechanical Shower Panels**

**TEMPOMIX Shower Panels**

for wall-mounted, exposed installations.

Anodised aluminium shower panel with hidden fixing, featuring:
- PREMIX single thermostatic valve.
- Time flow valve ~30 seconds.
- Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator at 6 lpm.
- M1/2" connections, with integrated stopcocks, filters and non-return valves.

**Operation**
- Press on the push-button to operate. Automatic timed shut-off.
- Temperature control via the push-button control.

**Advantages**
- Comfort; adjustable, maximum temperature limiter.
- 84% water savings; automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

*For further information regarding TEMPOMIX mixer see p.60; shower heads p.71.*

> We recommend installing a PREMIX thermostatic mixing valve for mixed water supply (see p.58) and a floor trap for drainage (see p.73).

**Shower Panels with Mechanical Mixer**

for wall-mounted, exposed installations.

Anodised aluminium shower panel with hidden fixing and top inlets with inline stopcocks.

**M1/2" scale-proof shower head 6 lpm**

Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator at set 6 lpm.

**M1/2" with sliding hand set on a bar**

Sliding hand set on a chrome-plated bar.

> We recommend installing a PREMIX thermostatic mixing valve for mixed water supply (see p.58) and a floor trap for drainage (see p.73).

**Wall-mounted Soap Dishes**

for public and commercial places, hidden fixings.
- matt chrome-plated ABS
- bright chrome-plated ABS

> We recommend installing a floor trap (see page 73) and soap dish (see p.53).

**THESE PRODUCTS WILL WITHSTAND THERMAL AND CHEMICAL SHOCKS** subject to compliance with current protocols.
**Stainless Steel Shower Panels**

**TEMPOMIX Shower Panels**
for wall-mounted, exposed installations. Stainless steel shower panels, ready to install, featuring:
- TEMPOMIX mixer timed flow ~90 seconds.
- Vandal-proof, fixed shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
- M1/2" connections and non-return valves.
- Soap dish, stopcocks and filters.
- with top inlets:
  - white epoxy finish with soap dish 790201
  - satin stainless steel finish with soap dish 790200
  - white epoxy finish without soap dish 790101
  - satin stainless steel finish with soap dish 790100
- with back inlets (flexible connectors without stopcocks), no soap dish:
  - white epoxy finish 790111
  - satin stainless steel finish 790110

**TEMPOSTOP Shower Panels**
for wall-mounted, exposed installations with top inlet. Stainless steel panel features:
- Time flow valve ~30 seconds.
- Vandal-proof, fixed shower head with scale-proof nozzle 6 lpm.
- M1/2", with stopcock and filter.
- white epoxy finish with soap dish 749201
- satin stainless steel finish with soap dish 749200
- white epoxy finish without soap dish 749101
- satin stainless steel finish with soap dish 749100

**Wall-mounted Soap Dishes**
for public and commercial places: hidden fixings.
- Matt, chrome-plated ABS 710500
- Bright, chrome-plated ABS 710501

**Telescopic Sheath** to protect the pipes between the top of the TEMPOMIX/TEMPOSTOP panel and the ceiling. Width 150 mm. Adjustable height 350-550 mm.
- white epoxy finish 790151
- satin stainless steel finish 790150

For further information regarding TEMPOMIX mixer p.58; shower heads p.71.
We recommend installing a PREMIX thermostatic mixing valve for MW supply (p.83) and a floor trap for drainage p.73.

**Shower Panels with Mixers**
for wall-mounted, exposed installations with top inlets M1/2".
Stainless steel panels featuring:
- Soap dish, stopcocks, filters, non-return valves.
- White epoxy finish.
- with TEMPOMIX time flow mixer:
  - Chrome-plated bar and flexible hand set. 790501
  - with mechanical mixer: not time flow 791501
  - with mechanical mixer: not time flow 791502
  - Vandal-proof fixed shower head with scale-proof diffuser 6 lpm.

For further information regarding TEMPOMIX page 60.
Available on request: satin stainless steel finish or other RAL colours.
We recommend installing a PREMIX to provide mixed water (see page 83).

**TEMPOMIX Stainless Steel Panels**

**TEMPOSTOP Stainless Steel Panels**

**Shower Towers**
free standing, ready to install.
White epoxy coated stainless steel structure (AISI 304).
- Push-button control with automatic timed shut-off delay ~15 seconds.
- Automatic flow rate regulator set at 6 lpm.
- Bottom inlet supply with cold or mixed water, by F3/4" flexible hose from the centre of the base.
- We recommend installing a filter and stopcock upstream.
- For water drainage see DELABIE floor traps (see page 73).
- Reinforced fixing to the floor via stainless steel bolts and metal rawl plug to anchor into a concrete base. It is possible to dismantle the tower for storage over winter.
- Bottom inlet supply with cold or mixed water, by F3/4" flexible hose from the centre of the base.
- We recommend installing a filter and stopcock upstream.
- For water drainage see DELABIE floor traps (see page 73).
- Recommended pressure: 1 - 5 bar. Regulate the pressure for user comfort.
- Recommended flow rate for sizing the water supply pipe is 10 l/sec. (multiplied by the number of shower heads). Water pressure variations do not have a significant impact on the flow rate due to the flow rate regulators in the shower heads.

**Limited Maintenance**
The mechanisms can be replaced without dismantling the tower. The shower head nozzles do not require cleaning or descaling unlike shower heads with grids.

**Maintenance** (instructions available on request)
Cartridge mechanisms can easily be replaced without dismantling the tower.

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**Shower Towers**

**Description**
Free-standing shower column in white epoxy coated stainless steel AISI 304. Push-button control with automatic timed shut-off delay ~15 seconds.
Available with 1-4 vandal proof fixed shower heads, scale-proof nozzle with adjustable angle of spray.
Automatic flow rate regulator set at 6 lpm.

**Vandal proof**
20/10 stainless steel frame. Reinforced fixing to the floor with vandal proof protective skirt. Shower heads and control mechanisms in chrome-plated solid brass, cannot be removed by the user.

**Water and Energy Savings**
Flow rate set at 6 lpm and automatic time flow 15 seconds. Pre-assembled tower saves time at installation. Easily dismantled for storage over winter.

**Limited Maintenance**
The mechanisms can be replaced without dismantling the tower. The shower head nozzles do not require cleaning or descaling unlike shower heads with grids.

**Installation** (instructions available on request)
- Reinforced fixing to the floor via stainless steel bolts and metal rawl plug to anchor into a concrete base. It is possible to dismantle the tower for storage over winter.
- Bottom inlet supply with cold or mixed water, by F3/4" flexible hose from the centre of the base.
- We recommend installing a filter and stopcock upstream.
- For water drainage see DELABIE floor traps (see page 73).
- Recommended pressure: 1 - 5 bar. Regulate the pressure for user comfort.
- Recommended flow rate for sizing the water supply pipe is 10 l/sec. (multiplied by the number of shower heads). Water pressure variations do not have a significant impact on the flow rate due to the flow rate regulators in the shower heads.

**Uses**
Swimming pools, beaches, service stations etc.

**Maintenance** (instructions available on request)
Cartridge mechanisms can easily be replaced without dismantling the tower.

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**Fixing and supply**
- Concrete base
- Filter
- Stopcock
- Waste pipe
- Stainless steel bolts and rawl plugs for fixing
- 3/4" flexible connector
Description
Shower panel in anodised aluminium with satin chrome finish, solid brass fixed shower head and scale-proof nozzle set at 6 lpm.
- Time flow ~30 seconds (±5)-10 with self-cleaning system.
- Spray angle can be adjusted and locked in place by the installer.
- Automatic flow rate regulator set at 6 lpm.
- Mixed water supply via top inlet.
- Available in anodised aluminium or white epoxy finishes.
- Supplied with a non-return valve and filter.
- 10 year warranty.

Advantages
- Vandal proof and durability
- Water savings: 84% compared to a classic shower 15 lpm.
- User comfort: easy to operate due to de-compression system.

Operation
- Operates by lightly pressing on the push-button.
- Automatic shut-off delay, 30 seconds.
- Fixed shower head with adjustable spray angle (can be locked in place).

Uses
- Stadia, swimming pools, leisure centres, boarding schools, barracks etc.

Vandal proof
Specifically designed for intensive use in public and commercial places.
- Vandal-proof, slimline structure with hidden fixings.
- Push-button and shower head cannot be removed by the user.

Reliability
- Foolproof mechanism. Made from scale and corrosion-proof materials.
- Hydraulic timing system with self-cleaning calibrated groove.
- Endurance: more than 500,000 operations.

Aesthetic
- Compact design with hidden pipework.
- Can cover the traces of previous installations for renovation projects.

Installation (instructions available on request)
- Delivered ready assembled, saving installation time.
- Mixed water supply via top inlets (see PREMIX page 83).
- If necessary, protect the installation with filters and pressure reducers.
- Flush the pipework before connection.
- Recommended pressure: 0.8 - 5 bar.
- Install the shower tray 15cm from the wall.

Maintenance (instructions available on request)
- Time flow mechanism integrated in the shower head and can be accessed without removing the shower panel.
- Shower head with scale-proof nozzle does not require de-scaling or maintenance.
- Maintenance without removing the shower panel: interchangeable cartridge.

84% Water savings
- Automatic timed shut-off 30 seconds.
- Flow rate set at 6 lpm at 3 bar for a comfortable spray: comfort maintained from the first to the last shower in the installation.

PREMIX® Comfort
Group thermostatic mixing valve to supply mixed water for 6 – 40 Sporting shower panels adjustable from 30 – 42°C. Anti-scalding safety and adjustable maximum temperature limiter. Thermal shocks are possible without by-passing the mixer.
- 55 lpm M1” Ø 115 L.118 x H.60 > 6 showers 731002
- 90 lpm M1” Ø 165 L.190 x H.80 > 11 showers 731003
- 140 lpm M1” Ø 175 L.178 x H.88 > 25 showers 731004
- 190 lpm M1” Ø 200 L.195 x H.88 > 40 showers 731005
NB: Flow rate at 3 bar of pressure drop.
Number of showers is indicative only (see coefficient of simultaneity). For further information and other sizes see page 83.

PREMIX® Sport 55, 90, 140 and 190

Floor Traps with adjustable height
- Stainless steel grid, fixed by 2 stainless steel screws:
  - Water level 50mm and flow rate 0.6 l/sec (EN 1253).
  - Stopcock union: see page 72.

Stockpock union for water inlets:
- MF1/2”, angled L.21 H.29 (concealed inlets) 836215
- MF1/2", inline H.68 (exposed inlets) 825215
- 15mm for comp. fittings (see page 72).
- * comp. fittings - compression fittings.

For further information and other sizes see page 83.
**TEMPOMATIC Reflex Showers**

- with concealed detector 449620
- Infrared electronic barrier for shower corridors or hygienic foot baths, featuring:
  - Recessed lateral detector (D) with reflector (R) for the detection barrier (detection distance 6m maximum).
  - Electronic unit (EVE) with 3/4” solenoid valve (MH) and stopcock, M3/4”.
  - 230/12V transformer (T).
- Add shower heads to complete (see pages 71-72).

**Operation:**
- When the user cuts the infrared barrier, the solenoid valve opens for 10-60 seconds depending on the time flow preset. The cycle will restart when a second user cuts the barrier, even if the water is flowing.
- TEMPOMATIC REFLEX can supply 1 - 5 ceiling-mounted shower heads (see pages 71-72).

**Anti-Legionella:** automatic dry flush for 45 seconds every 24 hours after the last use to avoid water stagnation and the proliferation of bacteria in the pipework.

- Temperature control on the thermostatic valve.
- M1/2” connections with integrated filters and non-return valves.
- 84% water savings: automatic shut-off and set flow rate.
- Vandal proof and limited maintenance.

We recommend installing a floor trap for drainage (see page 73).

**TEMPOMATIC Individual Electronic Showers**

- activates by presence detection, featuring:
  - Presence detector.
  - Electronic unit with 1/2” solenoid valve, M1/2”.
  - 230V transformer.
  - Time flow adjustable from 30-60 seconds.
- Add shower heads to complete (see pages 71-72).

**Choice of Operating Modes:**
- automatic activation when user is detected at 60cm (automatic shut off 2 seconds after the user departs).
- voluntary activation by pressing a hand in front of the sensor ~10cm.

**Anti-Legionella:** automatic dry flush for 45 seconds every 24 hours after the last use to avoid water stagnation and the proliferation of bacteria in the pipework.

**Floor Traps with Adjustable Height**

- with stainless steel grid, fixed by 2 stainless steel screws
  - Water level 50mm and flow rate 0.6 lps (EN 1253).
  - PVC body. Adjustable height plate. Vertical outlet Ø 40
- for tiled or concrete floors
  - Ø 150, polished stainless steel plate/grid 683001
    - height adjustable up to 85mm (with extension)
  - Ø 100x100, polished stainless steel plate/grid 682001
    - height adjustable up to 80mm (with extension)
- for vinyl floors
  - Ø 115, polished stainless steel plate/grid 683002
    - height adjustable up to 85mm (with extension)
- For further information see page 73.

**PREMIX Electronic Shower Panels**

- battery-operated by 6V Lithium battery, for exposed wall mounting.
- Anodised aluminium panel with hidden fixings, featuring:
  - PREMIX single thermostatic valve.
  - Vandal proof, ROUND chrome-plated shower head with scale-proof nozzle and automatic flow rate regulator set at 6 lpm.
  - M1/2” connections with integrated filters and non-return valves.

**Operates:**
- Activates when user presence is detected.
- Valve opens when a hand is detected within 4cm of the sensor.
- The valve closes voluntarily (when the hand is detected for a second time) or automatically (within 1 minute = safety shut-off).
- Temperature control on the thermostatic valve.

**Advantages:**
- Anti-Legionella: HW supply > 50°C up to the panel and duty flush programmed every 24 hours after the last use.
- Duty flush for 1 minute prevents water stagnation and the development of bacteria in the pipework = risk prevention.
- Anti-scarification: immediate HW shut-off in case of CW supply failure.
- Comfort: constant temperatures and precise temperature control.

**We recommend installing a floor trap for drainage (see page 73).**

**FLOOR TRAPS**

- THESE PRODUCTS WILL WITHSTAND CHEMICAL AND THERMAL SHOCKS subject to compliance with current protocols.
Description
TEMPOMIX single control mixer shower kit with automatic timed shut-off and vandal proof, fixed shower head with scale-proof nozzle and flow rate set at 6 lpm (± 3 bar).
• Time flow: 30 seconds (±5/10)
• Anti-scaling safety: maximum temperature limiter can be set by the installer.
• Integrated non-return valves and filters.
• 10 year warranty.

Advantages
• Comfort and user safety
  - The user can adjust the temperature.
  - Maximum temperature limiter can be set by the installer.
• Water savings: 84 % compared to a classic mixer 15 lpm.
• Vandal proof

Operation
• Opens by pressing on the push-button control.
• Temperature selection by turning the push-button control.
• Automatic timed shut-off after 30 seconds (+5/5) of flow.

Uses
All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

Installation (instructions available on request)
• Balance the CW and HW pressure (P < 1 bar).
• Recommanded pressure 0.7 - 5 bar.
• Supply with HW at 50°C cang a PREMIX (see p.81).
• If necessary protect the supply pipes with strainers and pressure reducers.
• Protect the mechanism and the non-return valves with the filters supplied.

Maintenance (instructions available on request)
The interchangeable cartridge, non-return valves and filters are accessible without removing the mixer.

Safety
• Maximum temperature limiter can be set by the installer and the push-button control is insulated.
• Integrated filters and non-return valves.

Reliability
• Footproof mechanism. Designed from scale and corrosion proof materials. Hydraulic flow control system with self-cleaning calibrated grooves.
• Will operate for more than 500,000 operations.

80% water savings
• Automatic flow rate regulator at 6 lpm.
• Automatic timed shut-off delay (~30 seconds).

Limited maintenance
The nozzle does not need de-scaling.

Vandal proof specifically designed for intensive use in public places. Chrome-plated solid brass protective wall plate.

For more information regarding: shower heads see page 69.

-M1/2", with standard recessing box featuring 3/4" Tempomix mixer with connectors for Ø14 copper tube, without stopcocks, and with vandal proof TONIC-JET fixed shower head (ref. 712000). Adjustable recessing depth from 10 - 30mm.

Control kit with ROUND shower head featuring: 790219
- with standard recessing box
- with Ø 195 wall plate
- satin stainless steel wall plate 160x160mm 790712

Control kit with TONIC-JET shower head featuring: 790212
- wall plate, chrome-plated push-button control and TONIC-JET dh. head

> We recommend installing a PREMIX thermostatic mixing valve for MW supply (see page 83) and a floor trap for drainage (see page 73).

- Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.
- Reinforced shower column Ø16 and collar.

- with 2 angled connectors and stopcocks
- with 2 angled connectors and stopcocks without stopcocks (ref. 838020), 150mm centres

- with without connectors

- MM3/4", 90mm centres.

- with 2 angled connectors and stopcocks
- with 2 angled connectors and stopcocks without stopcocks (ref. 838020), 150mm centres

- with without connectors

- MM3/4", 90mm centres.

- with 2 angled connectors and stopcocks
- with 2 angled connectors and stopcocks without stopcocks (ref. 838020), 150mm centres

- with without connectors

- MM3/4", 90mm centres.

- with 2 angled connectors and stopcocks
- with 2 angled connectors and stopcocks without stopcocks (ref. 838020), 150mm centres

- with without connectors

- MM3/4", 90mm centres.
**Description**

TEMPOSTOP shower kit with automatic timed shut-off valve and vandal-proof fixed shower head with scale-proof nozzle and flow rate set at 6 lpm (at 3 bar).
- For mixed water supply.
- Time flow ~30 seconds +/-10.
- Pre-set flow rate can be adjusted at installation.

**Advantages**

- Vandal proof and unequalled endurance.
- Anti-blocking safety system.
- Water savings: 84% compared to a classic mixer 15 lpm.

**Operation**

- Opens by pressing on the push-button control.
- Automatic timed shut-off after ~30 seconds (+/-10) of flow.
- Spray formed by a scale-proof nozzle.
- Flow rate can be adjusted without removing the mechanism or shutting off the water supply (DELABIE patented). Use a 3mm Allen key.
- Maintenance: Interchangeable cartridge.

**Vandal proof**

- Specifically designed for intensive use in public places.
- Footproof and shockproof mechanism.
- Triple coated chrome-plated finish.
- Tamper proof installation. For Hard Use environments a wall plate with reinforced groove.
- Will operate for more than 500,000 operations (certified NF/CSTB).

**Reliability**

- Footproof mechanism. Designed from scale and corrosion proof materials. Hydraulic time flow system with self-cleaning calibrated grooves.
- Will operate for more than 500,000 operations (certified NF/CSTB).

**Comfort**

- Easy to operate.
- Automatic flow rate regulator and angle of spray can be adjusted at installation.

**Limited maintenance**

The nozzle does not require any maintenance or de-scaling, contrary to traditional grid systems.

**Advantages**

- 80% Water saving
- Automatic flow rate regulator at 6 lpm.
- Automatic timed shut-off delay (~30 seconds).

**Installation**

- Supplied with mixed water using a PREMIX group thermostatic mixing valve (see page 81).
- Recommended pressure: 0.4 - 5 bar.
- If necessary protect the installation with cartridge filters and pressure reducers.
- Thoroughly flush the pipework before installation and commissioning of mixers and taps.
- Maintenance: The cartridge (time flow mechanism) is interchangeable.

**Uses**

- All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

**TEMPOSTOP Recessed Showers**

Recessed shower kit with waterproof box and chrome-plated brass wall plate 161 x 220mm featuring:
- Waterproof box with 24° TEMPOSTOP time flow valve ~30 seconds and 1/2” stopcocks (ref. 749222) supplied with mixed water.
- Adjustable recessing depth between 10 - 30mm.
- Vandal proof fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.

- Pre-assembled kit featuring 749800X: recessing box, protective cover and hydraulic connector (to connect to control assembly 749239 or 749232).

- Control kit with ROUND shower head 749239 featuring: wall plate, chrome-plated push-button control and ROUND shower head (ref. 710000).

- Control kit with TONIC-JET shower head 749232 featuring: wall plate, chrome-plated push-button control and TONIC-JET shower head (ref. 712000).

**TEMPOSTOP Exposed Shower**

Shower kit for exposed wall mounting with:
- Time flow valve ~30 seconds in chrome-plated solid brass for M3/4” bottom inlets, supplied with mixed water.
- Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.
- Reinforced shower column Ø16 and collar.

We recommend the following connector for the water inlet:
- Angled connector with stopcock 836020 M1/2” F3/4” with stopcock and adjustable spacing.

Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.

- For mixed water.
- Automatic flow rate regulator set at 6 lpm (at 3 bar).
- Anti-blocking safety, time flow valve 75 min.

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).

**TEMPOSTOP Exposed Shower Kits**

- Shower head with spray grid “GR” (see p.72).
- Pre-assembled kit featuring TEMPOSTOP Exposed Shower 749001.
- Control kit with ROUND shower head 749239 featuring: wall plate, chrome-plated push-button control and ROUND shower head (ref. 710000).
- Control kit with TONIC-JET shower head 749232 featuring: wall plate, chrome-plated push-button control and TONIC-JET shower head (ref. 712000).

**TEMPOSTOP Cross Wall Showers**

Vandal proof shower kit for through-the-wall installations with:
- Through-the-wall control for walls 150 or 200mm thick with M1/2” time flow valve ~30 seconds in solid brass, supplied with mixed water.
- Vandal proof fixed shower head, with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm, for through-the-wall installation for walls 170 or 220mm thick.
- Totally vandal proof: hidden fixings and an anti-rotating pin.

- For walls 1 - 150mm, TONIC-JET shower head 749155
- For walls 1 - 200mm, TONIC-JET shower head 749212
- For walls 1 - 200mm, TONIC-JET shower head 747213 with Anti-blocking safety, time flow valve 15 seconds.

- For walls 1 - 150mm, ROUND shower head 749159
- For walls 1 - 200mm, ROUND shower head 749219
- For walls 1 - 200mm, ROUND shower head 747214 with Anti-blocking safety, time flow valve 15 seconds.

- Back-nut with 3 screws (reinforcing flange behind the partition) 826315

> Please contact us for other solutions specifically for prisons. See our Hard Use selection pages 44-45 and 74-75.

We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).

**TEMPOSTOP Shower Kits**

- Shower kit for exposed wall mounting with:
  - Time flow valve ~30 seconds in chrome-plated solid brass for M3/4” bottom inlets, supplied with mixed water.
  - Vandal proof TONIC-JET fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.
  - Reinforced shower column Ø16 and collar.

We recommend the following connector for the water inlet:
- Angled connector with stopcock 836020 M1/2” F3/4” with stopcock and adjustable spacing.

Vandal proof fixed shower head with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm.

- For mixed water.
- Automatic flow rate regulator set at 6 lpm (at 3 bar).
- Anti-blocking safety, time flow valve 75 min.

> We recommend installing a PREMIX group thermostatic mixing valve upstream of the panel (see p.83) and a floor trap for drainage (see p.73).
TEMPOSOFT 2 Shower

Description
TEMPOSOFT 2 shower assembly kit automatic shut-off shower valve and vandal proof fixed shower head and scale-resistant nozzle, with flow rate set at 6 lpm (at 3 bar).
• Fed by mixed water
• Shut-off delay ~25 seconds +5/-10.
• Pre-set flow rate, adjustable by the installer.

Advantages
• Soft-touch operation for three times the comfort level.
• Water saving: 84% compared to a classic shower 15 lpm.
• High resistance to vandalism and unequalled endurance.
• Design unique and timeless.

Operation
• Press the push-button to operate.
• Automatic shut-off delay ~25 seconds.
• Jet created by a scale-proof nozzle.

Use
• Installations for children, the elderly or handicapped people.
• All public facilities subject to intensive use.

Soft-decompression system which requires three times less pressure to operate compared to a traditional time flow shower. Designed for children, the elderly or handicapped people.

80% Water savings
• Automatic flow rate regulator set at 6 lpm.
• Automatic shut-off (~25 seconds).

Limited maintenance
The nozzle does not require any maintenance or de-scaling, contrary to traditional grid systems.

Completely adjustable, the mechanism is interchangeable.

Installation (information available on request)
• Supplied with mixed water, by a PREMIX group thermostatic mixing valve (see page 83).
• Recommended pressure: 0.4 - 5 bar.
• Necessary, protect the mechanism with cartridge filters and pressure reducers.
• Push the pipework before installation and commission the showers.
• We recommend a stopcock connector if the inlet is exposed - DELABIE ref. 825215 or 836215 for recessed inlet.

Maintenance (information available on request)
The cartridge (timing mechanism) is interchangeable.

Reliable
• Foot-proof mechanism, designed from materials that are scale-proof and corrosion proof. Hydraulic time flow mechanism with self-clearing calibrated groove.
• Endurance: more than 500,000 operations (certification NF/CSTB).

Comfort
• Soft-touch operation and opening:
• Automatic flow rate regulator and adjustable set (at point of installation.)

Design
• New design, unique and timeless

Recessed shower assembly kit with:
• Time flow chrome-plated recessed shower ~25 sec., recessed inlet, M1/2”, with satin finish stainless steel wall plate Ø 130 and clamp adjustable from 1 - 10mm.
• Vandal proof fixed shower head with scale-resistant nozzle, with automatic, ECO flow-regulator 6 lpm.
• ROUND shower head (709000) 749429
• TONIC-JET shower head (712000) 749422

Exposed shower assembly kit automatic, ECO flow-regulator 6 lpm.
• Time flow chrome-plated exposed shower ~25 sec., supplied from beneath, M1/2”, with pre-mixed water.
• Reinforced column and collar Ø 16 (supplied with fixing plate and screws).
• Vandal proof TONIC-JET fixed shower head with scale-resistant nozzle, with automatic, ECO flow rate regulator set at 6 lpm.

Stopcock union MF1/2” to attach to inlet:
• inline, for exposed inlet 825215
• right-angled L20mm, for concealed inlet 836215

Tamperproof grid GR can be used instead of nozzle on models 712..., 714..., or 716...
Add GR to the end of the reference (e.g.: 749801GR).
Concentrator jet (Ø 15cm on the ground) recommended for smaller, raised shower trays.

To install a PREMIX group thermostatic mixing valve upstream of the panel (see page 83) and a floor trap for drainage (see page 78).

THESE PRODUCTS WILL WITHSTAND CHEMICAL AND THERMAL SHOCKS subject to compliance with current protocols.

TEMPOSOFT 2 Exposed Shower 747801

TEMPOSOFT 2 Recessed Shower

TEMPOSOFT 2 Shower

TEMPOSOFT 2 Shower Assembly Kit

TEMPOSOFT 2 Recessed Shower

TEMPOSOFT 2 Exposed Shower
**Description**
Shower kit with decompression starter, with vandal proof fixed shower head and scale-resistant nozzle, with flow rate set at 6 lpm (at 3 bar).
- **Top inlet:** supplied with mixed water.
- **Shut-off delay:** ~30 seconds (±5/10).
- **Scale-proof nozzle:** does not require de-scaling.
- **Spray angle:** can be adjusted on installation.
- **Integrated non-return valve and filter.**
- **10 year warranty.**

**Advantages**
- **Water saving:** 84 % compared to a classic shower 15 lpm.
- **High resistance to vandalism and unequalled endurance.**
- **Soft-touch operation** for improved comfort.

**Operation**
- **Operates by lightly pressing on the push-button.**
- **Automatic timed shut-off after ~30 seconds** (+5/-10) of flow.
- **Spray formed by a scale-proof nozzle.**

**Water savings over 80%**
- **ECO flow rate regulator set at 6 lpm.**
- **Automatic timed shut-off (~30 seconds).**

**Reliability**
- **Footproof mechanism.** Designed from scale and corrosion proof materials. Hydraulic time flow system with self-cleaning calibrated groove.
- **Endurance:** more than 500,000 operations on the test bench.

**Installation**
- **Top inlets:** supplied with mixed water, by a PREMIX group thermostatic mixing valve
- **Recommended pressure:** 0.8 - 5 bar (reduce the pressure for user comfort).
- **If necessary, protect the installation with cartridge filters and pressure reducers.

**Uses**
All individual or group showers. Swimming pools, campsites, leisure centres, barracks, factories, boarding schools, etc.

**Comfort**
- **Easy to operate.**
- **Automatic flow rate regulator and spray angle is adjustable by the installer.**

**Vandal proof**
Specificaly designed for intensive use in public places.
- **Made from chrome-plated solid brass.**
- **Triple coated, chrome-plated finish.**
- **Tamperproof installation:** 6 fixing points.
- **Footproof and shockproof mechanism.**

**Installation advice**
We recommend installing the shower tray 10cm from the wall. To capture all of the spray, we recommend recessed or sloping trays. For raised trays use the Spray Grid GR (see opposite).
Time Flow Valves for Showers

Waterproof recessed shower kit
Flow rate pre-set at 12 lpm, can be adjusted without shutting off the water supply.
- Temperature control via the push-button control, with maximum temperature limiter (can be adjusted by the installer).
- Recessing box (recessing depth adjustable from 10 - 33mm). See p. 62.
- Chrome-plated wall plate 16 l x 200mm, vandal proof with hidden fixings.

- Time flow mixer TEMPOSTOP with water proof recessing box and chrome-plated brass wall plate 161 x 220mm featuring:
  - TEMPOSTOP 3/4” single control, time flow mixer ~30 seconds in solid brass with integrated 1/2” stopcocks, non-return valve and filter, for hot water and cold water supply.
  - Pre-assembled kit featuring: 790806X
  - wall plate, protective cover and hydraulic connector (to connect to control assembly 790218 or 790218CLX).

Control kit featuring: 790218
- wall plate and chrome-plated push-button control.

Control kit featuring: 790218CLX
- wall plate and chrome-plated CXL push-button control.

- Time flow valve TEMPOSTOP with waterproof recessing box and chrome-plated brass wall plate 161 x 220mm featuring:
  - TEMPOSTOP 3/4” time flow valve ~30 seconds in solid brass with integrated 1/2” stopcocks, non-return valve and filter, for hot water and cold water supply.
  - Pre-assembled kit featuring: 748006X
  - recessing box, protective cover and hydraulic connector (to connect to control assembly 749218 or 790218CLX).

Control kit featuring: 749218
- wall plate and chrome-plated push-button control.

Control kit featuring: 749218CLX
- wall plate and chrome-plated CXL push-button control.

Time Flow Mixers for Showers

TEMPSTOP Recessed Shower
Time flow valve for recessing, automatic shut-off after ~30 sec.
- stainless steel wall plate 160 x 160: 749628
- stainless steel wall plate 160 x 160 15mm for CF: 749625
- stainless steel wall plate Ø130: 749128
- stainless steel wall plate 160 x 160 15mm for CF: 749188
- st. steel wall plate Ø130 15mm for CF: 749189

- CF: compression fittings

TEMPSTOP Shower for Panels
Time flow valve M3/4” for 2mm panel, automatic shut-off after ~30 sec.
- Brass body with a rear locking ring. Flow rate 12 lpm, can be adjusted by the installer without switching off the water supply.
- MM3/4”: 749770
- FF1/2”: 749570

- Adjustable flow rate MM3/4”: 749700
- Adjustable flow rate FF1/2”: 749715
- Adjustable flow rate 15mm for compression fittings: 749725
- Adjustable flow rate 1/2”: 749010
- MM3/4” 45 lpm at 0.5 bar for low pressure installations: 749000
- Reinforced wall plate Ø 80 for panels partiton wall: 824800

TEMPSTOP Showers 1/2”
Time flow valve automatic shut-off after ~15 sec.
- Chrome-plated brass body MM1/2”. Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply.
- Inline MM1/2”: 747000
- Inline 15mm for compression fittings: 747116
- Inline, with Anti-Blocking safety: 747001
- Right-angled for concealed supply: 748000
- Right-angled, with Anti-Blocking safety: 748001
- Anti-Blocking safety: valve only operates once the push-button is released.

TEMPSTOP Showers 1/2” MM1/2”
- Adjustable flow rate FM1/2”: 749000
- Adjustable flow rate FF1/2”: 749010
- Adjustable flow rate 15mm for compression fittings: 749725
- Adjustable flow rate 1/2”: 749010

- Reinforced wall plate Ø 80 for panels partiton wall: 824800

- We recommend installing a thermostatic mixing valve to provide safe, temperature controlled water (see page 83) and a floor trap for drainage (see page 73).

TEMPSTOP for Panels
- We recommend wall plate ref. 824800 for panels/partition walls see below.

- Inline MM1/2”:
- Inline 15mm for compression fittings
- Inline, with Anti-Blocking safety
- Right-angled for concealed supply
- Right-angled, with Anti-Blocking safety
- Anti-Blocking safety: valve only operates once the push-button is released.

Time Flow Mixers for Showers

TEMPSTOP Exposed Showers 3/4”
- Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply. Brass body M3/4”.
- Adjustable flow rate MM3/4”:
- Adjustable flow rate FF1/2”:
- Adjustable flow rate 15mm for compression fittings:
- Adjustable flow rate 1/2”:
- MM3/4” 45 lpm at 0.5 bar for low pressure installations:
- Reinforced wall plate Ø 80 for panels partiton wall:
- Reinforced wall plate Ø 80 for panels partiton wall:

- We recommend installing a thermostatic mixing valve to provide safe, temperature controlled water (see page 83) and a floor trap for drainage (see page 73).

TEMPSTOP Showers 1/2”
Time flow valve, automatic shut-off after ~25 sec.
- Brass body M1/2”.
- Flow rate 12 lpm, can be adjusted by the installer without shutting off the water supply.
- Exposed for inline supply:
- Exposed right-angled for concealed supply:

- We recommend wall plate ref. 824800 for panels partiton wall see below.

- Inline MM1/2”:
- Inline 15mm for compression fittings
- Inline, with Anti-Blocking safety
- Right-angled for concealed supply
- Right-angled, with Anti-Blocking safety
- Anti-Blocking safety: valve only operates once the push-button is released.

Time Flow Mixers for Showers

TEMPSTOP Exposed Showers
Time flow mixer ~30 seconds, with temperature control via the push-button control, and maximum temperature limiter (adjustable by the installer). Solid brass body with non-return valves and filters. Flow rate pre-set at 12 lpm, can be adjusted without shutting off the water supply.
- with F3/4” right-angled connectors, centres 150 790874
- with M3/4” inline inlets, centres 90 790000
- 790000 with chrome-plated metal control knob 790000CLX
- for panels 1 - 10mm thick, M3/4” 790970
- for panels 8 - 15mm thick, M3/4” 790975
- Reinforced wall plate 080 784800

- for installation on panels or dry walls.

- We recommend installing a thermostatic mixing valve to provide safe, temperature controlled water (see page 83) and a floor trap for drainage (see page 73).

These products will withstand thermal and chemical shocks subject to compliance with current protocols.
Scale-proof Shower Heads

Description
Vandal proof fixed shower head with scale-proof nozzle and tamperproof fixing.
- Chrome-plated solid brass body.
- Spray angle can be adjusted on installation.
- Automatic ECO flow rate regulator set at 6 lpm.

Vandal proof
Specifically designed for intensive use in public and commercial places.
- Locked in place with stainless steel screws.
- Vandal proof, scale-proof nozzle.
- Triple-coated, chrome-plated solid brass.

Water savings over 80%
Automatic ECO flow rate regulator set at 6 lpm.

Comfort
The automatic flow rate regulator ensures the same quantity of water is delivered to each shower, from the first to the last.
The spray angle can be adjusted on installation.

Hygiene and limited maintenance
The nozzle does not need to be descaled, in contrast to shower heads with grids. The lack of water retention reduces the proliferation of bacteria.

Principle
The shower spray is formed by pulverisation. The nozzle is a diffuser without grid. It will not scale up or clog up. DELABIE patented.

Calculating the Hot Water Requirements.
The TONIC-JET and GYM shower heads have a flow rate set at 6 lpm regardless of the water pressure. Water storage, the capacity of the group mixing valve and the pipework can be reduced. Flow rate calculations are simplified. (See Technical Chapter: Calculating the Pipework page 129.

Installation advice: install the shower tray ~10cm from the wall to ensure the capture of all the spray. We recommend built-in shower trays or sloping gutters rather than raised small shower trays. For the latter we recommend the GR grid alternative (see opposite).

For additional comfort, a rain-effect shower head can be selected, GR grid shower head or scale-proof GYM COMFORT.

TONIC-JET Shower Head
Vandal proof, scale-proof fixed shower head. Chrome-plated solid brass body with vandal proof fixing.
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.
- for concealed inlets, M1/2" 712000
- for panels 1-10mm, M1/2" 712010
- kit with shower column F3/4" and collar 712020
- kit with shower column F1/2" and collar fixing by anchor screws (supplied) 712115
- cross wall, for walls 1-150mm*, M1/2" 712150
- cross wall, for walls 1-200mm*, M1/2" 712200
* Other lengths available on request.

ROUND Shower Head
Vandal proof, scale-proof fixed shower head. Chrome-plated solid brass body with vandal proof fixing.
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.
- for concealed inlets, M1/2" 709000
- or panels 1-10mm, M1/2" 709010
- cross wall, for walls 1-150mm*, M1/2" 709150
- cross wall, for walls 1-200mm*, M1/2" 709200
* Other lengths available on request.

GYM Shower Head
Vandal proof, ceiling-mounted fixed shower head, F1/2".
- Scale-proof nozzle with adjustable spray angle.
- Automatic ECO flow rate restrictor set at 6 lpm.

GYM COMFORT Shower Head

Shower Arm chrome-plated brass MM1/2".
- L.95 710000

GYM COMFORT Adjustable, scale-proof shower heads.
- F1/2" Ø 46 711000
- EXTRA F1/2" Ø 68 711002
Flow rate regulator MF1/2".
- 5 at 6 lpm (pack of 5) 927005.5P
- 10 lpm (pack of 5) 927015.5P

* These products will withstand chemical and thermal shocks subject to compliance with current protocols.

Slope 10%

° ±10°

° ± 25°

º ± 25°

º ± 10°

° ±10°

° ± 25°

º ± 25°

º ± 10°

° ±10°

° ± 25°

º ± 25°

º ± 10°

° ±10°

° ± 25°

º ± 25°

º ± 10°

° ±10°

° ± 25°

º ± 25°

º ± 10°
Shower Heads with Grids

**Vandal Proof Rain-effect Grid**
- GR Grid replaces the shower head nozzle for showers 712..., 714..., or 716...
- Add GR to the end of the reference (e.g.: 712000GR)
- Rain-effect spray (Ø 50cm on the floor) recommended for small, raised shower trays.

**Wall-mounted Shower Heads with Grids**
- Anti-vandal fixed shower head M 1/2"
- Chrome-plated brass body, vandal proof fixing.
- Shower head with 5 ring spray plate, grub screw.
- Wall-mounted shower head with grid 64000
- Wall-through the wall 1-185mm thick 64185
- Through-the-wall 1-25mm thick 64200
- For panel 1-25mm thick 64Q40

**Wall-mounted, Shower Head with Rotating Nozzle**
- 646000
  - For panel 1-25mm thick
  - 5 ring grid, supplied with fixing collar.

**Shower Columns with Wall-mounted Shower Heads**
- Shower Column with Shower Arm and Rotating Nozzle 64200
  - For panel 1-235mm thick
  - Through-the-wall 1-185mm thick 64000
  - Shower head with grid 646000
  - Wall-mounted shower head with grid 64000
  - Anti-vandal fixed shower head M 1/2"
  - Through-the-wall 1-235mm thick 646000
  - With 3 rings, black Makrolon 88MP3
  - With 5 rings, black Makrolon 88MP5

**Shower Heads with Grids**
- GR Grid: chrome-plated with large rim, Ø85
- 715000
- 88CH5
- 88MP3
- 88MP5

**Ceiling-mounted Shower Heads**
- Shower Column with Wall-mounted Shower Heads
  - 5 ring grid, supplied with fixing collar.
  - Column: 1/2" L: 25 78000
- Shower Column with Shower Arm and Rotating Nozzle
  - Supplied with fixing collar, for use with any shower head.
  - Column: 3/4" L: 30 82000

**Ceiling-mounted Shower Heads F1/2"**
- With 5 rings, chrome-plated brass 88CHS
- With 5 rings, black Makrolon 88MP5S
- With 3 rings, black Makrolon 88MP3S
- Chrome-plated with large rim, Ø85 715000

**TEMPOSTOP Safety Shower**
- Time flow valve with push-button disc.
- Chrome-plated brass body. Push-button disc Ø 80.
- Time flow ~30 seconds. Flow rate can not be adjusted.
- Inline connectors.
- MM3/4" flow rate 75 lpm at 3 bar 749080
- MM 11/4" flow rate 130 lpm at 3 bar 760580
- Reinforced wall plate Ø 80 824800

**TEMPOSTOP Disc-operated**

Adjustable Height FLOOR TRAPS
- With vandal proof stainless steel grid (withstands detergents) fixed by 2 stainless steel screws.
  - Water level 50mm and flow rate 0.6 l/sec.
  - Vertical outlet (4M).
  - PVC body classified as non-flammable (American certification UL94).

**Fixed Height Floor Trap**
- Add GR to the end of the reference (e.g.: 712000GR).

**Floor Trap with Grid 140x140**
- In polished stainless steel, fixed by stainless steel screw.
  - Water level 20mm and flow rate 0.3 lps.
  - Vertical outlet Ø 40 (add an elbow for horizontal outlets)
  - PVC bell

**Floor Trap with Adjustable Height**
- Stainless steel grid.
- Adjustable extension.
- Trap body with integrated flange to seal the waterproof membrane.

These products will withstand thermal and chemical shocks subject to compliance with current protocols.
Solutions for Hard Use

HIGH RESISTANCE TO VANDALISM AND UNEQUALLED ENDURANCE

Some public and commercial places remain extremely susceptible to vandalism through deliberate or involuntary damage. DELABIE offer a complete solution to these problems, especially in prisons, hostels for the homeless, rest areas and service stations, etc.

- High resistance to vandalism:
  - Ergonomic designs prevent unwanted removal and reduce the risk of breakage.
  - Control knobs cannot be unscrewed or removed by the user.
  - Installation in service duct: no access by the user.
- Hard wearing for intensive use:
  - Robust: designed to withstand intensive use.
  - Shock proof mechanisms: endurance tested for several hundred thousand operations.
- Secure and easy maintenance:
  - Installation in service duct allows servicing and maintenance without user contact (e.g. prisoners).
  - Anti-Blocking safety: All "AB" systems prevent deliberate flooding (TEMPOSTOP time flow controls).
- Possibility of stopping water supply in case of excessive use (TEMPOMATIC through-the-wall or multifunction below).

THROUGH-THE-WALL TIME FLOW OR ELECTRONIC CONTROL

High resistance to vandalism:
- Control knob and shower head in chrome-plated brass.
- Anti-rotating pins on the control push-button, as well as the shower head; lock the installation in place (cannot be unscrewed).
- Joining nut
  - The wall-mounted control supports the valve.
  - In-line activation when pressing the valve, via the control rod.
- Shock proof push-button: protects the mechanism from abuse.

Installation
The assembly for through-the-wall installation using a service duct includes:
- 1 vandal proof control (or sensor) with threaded rod for through-the-wall installation.
- The threaded rod that goes through-the-wall can be cut to the desired length. Flexible hoses can be easily connected to deliver the water supply.

- Anti-rotating pin
- Control push-button and shower head are fixed into the wall. They cannot be unscrewed or removed.

Investment savings
- The cost of the multifunction assembly for 4 points-of-use is lower than cost of electronic taps with independent control units.

Various combinations
- This multifunction device offers a large number of combinations: 4 washbasins, or 2 washbasins + 2 showers, or 2 washbasins + 1 shower + 1 WC, etc.

High resistance to vandalism
- Plate and control knob flush to the wall: chrome-plated brass.
- Installation in service duct.

Anti-blocking security
- Security mode
  - 4 operations in less than 10 minutes, or 10 operations in less than 30 minutes on one-point-of-use will block it for 30 minutes, avoiding any abuse or waste.
  - NB: can be deactivated if necessary.

ELECTRONIC MULTIFUNCTION CONTROL FOR 4 POINTS-OF-USE

Easy installation (information on request)
- Install one control unit for 4 points-of-use, instead of 4 separate control units.
- Simple wiring: the solenoid valve cables and the controls for the push-button are supplied with crimped connectors, a circuit breaker and anti-friction security, and can be connected to the outside of the control unit.
- Time flow control for each point-of-use by positioning the connectors for each point-of-use: 7, 15, 30 or 45 seconds depending on use (adjustments on the mother board).

Operation
Pressing on the push-button opens a monostable 12V solenoid valve for a pre-determined period of time depending on the position of the connector for each point-of-use. 7 or 15 seconds for washbasins, 30 or 45 seconds for showers, etc.

- Electrical supply:
  - Protect with a 220V/4AT fuse.
  - Minimum consumption: 2VA maximum 36VA intermittent.
- Security:
  - Protect the installation with a differential circuit breaker (cf. French standard NF-C 15-100).

* Other through-the-wall lengths available on request.

Solutions for Hard Use

TEMPOSTOP Cross Wall Showers

Vandal proof shower kit for through-the-wall installation, with:
- Through-the-wall control for walls from 150 or 200mm with M12" time flow valve ~30 seconds in solid brass, for supply with mixed water.
- Vandal proof fixed shower head M12" with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm for through-the-wall installations from 150 or 200mm.
  - for walls from 170mm, ROUND shower head 796159
  - for walls from 220mm, ROUND shower head 796209
  - for walls from 220mm, TONIC-JET shower head 796202

See on request version with waterproof recessing box page 61.

TEMPOMIX Cross Wall Showers

Vandal proof shower kit for through-the-wall installation, with:
- Through-the-wall control for walls from 150 or 200mm with M12" time flow valve ~30 seconds in solid brass, for supply with mixed water.
- Vandal proof fixed shower head M12" with scale-proof nozzle and automatic ECO flow rate regulator set at 6 lpm for through-the-wall installations from 150 or 200mm.
  - for walls from 170mm, ROUND shower head 749152
  - for walls from 200mm, TONIC-JET shower head 749212
  - for walls from 170mm, TONIC-JET shower head 747213
  - with Anti-Blocking safety, time flow 15 seconds
  - for walls from 170mm, ROUND shower head 749159
  - for walls from 200mm, ROUND shower head 749219
  - with Anti-Blocking safety, time flow 15 seconds
  - Back-nut with 3 screws (reinforcing plate behind the partition) 826315

TEMPOMATIC Individual Shower

Control via presence detection, featuring:
- Through-the-wall sensor for walls 1 - 150 mm*
- Electronic control unit with 1/2" solenoid valve.
- 230/12 V Transformer.
- Adjustable time flow from 30-60 seconds.
- Other through-the-wall lengths available on request.

For shower heads see pages 71-72.

TEMPOMATIC Individual Shower

Control via presence detection, featuring:
- Through-the-wall sensor for walls 1 - 150 mm*
- Electronic control unit with 1/2" solenoid valve.
- 230/12 V Transformer.
- Adjustable time flow from 30-60 seconds.
- Other through-the-wall lengths available on request.

For shower heads see pages 71-72.

TEMPOMATIC Multifunction

Electronically control unit 230/12V to connect 4 solenoid valves and 4 controls through-the-wall.
- Cross control wall with 4m cable 441452TCP
- Cross wall control for walls up to 165mm thick with push-button on a chrome-plated wall plate Ø24/60 and 4m cable with connectors.
- 1/2" solenoid valve with 4m cable 495626CEB for washbasin, shower or urinal.
- 1" solenoid valve with 4m cable 461035CEB for WC flush.