

# SUPREME

CASCATA



Installation  
& maintenance  
instructions.



## General Information

- Designed for indoor use only. Do not expose to elements of nature.
- All plumbing connections must be made in accordance with AUS / NZ standards.

## Warnings

- Read all instructions before attempting to install this system. It is recommended a qualified & registered plumber completes the install.
- Ensure pipe work is thoroughly flushed before installing. Flow regulating components are susceptible to debris and require additional flushing compared to a standard plumbing fixture.
- Consideration should be given to any regulations relating to an air gap, an air break or double check valve to protect against back flow.



# Operating Instructions and Parts Manual

Please read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain instructions for future reference.

## Supreme CASCATA Time Flow Shower Panel

Supreme time flow commercial shower panel. Water efficient, self closing tap and anti-ligature shower head. DZR brass internals with stainless steel exterior.

### Specifications

Finish	Polished stainless steel (304)
Water Temperature	5-70°C destined for cold or premixed water
Control	Soft push mechanical activation
Operating Pressure	50kPa - 600kPa /0.5-6.0 bar (recommended 2 - 4 bar)
Rate of Flow	15 l/min @ 3 bar (6 l/min available on request)
Time of Flow	15 - 25 sec
Water Inlet Connection	G 1/2"
Dimensions	135W 1050H 130Dmm (including shower head) button Ø 30mm
Warranty	24 months
Product Code	STFS31

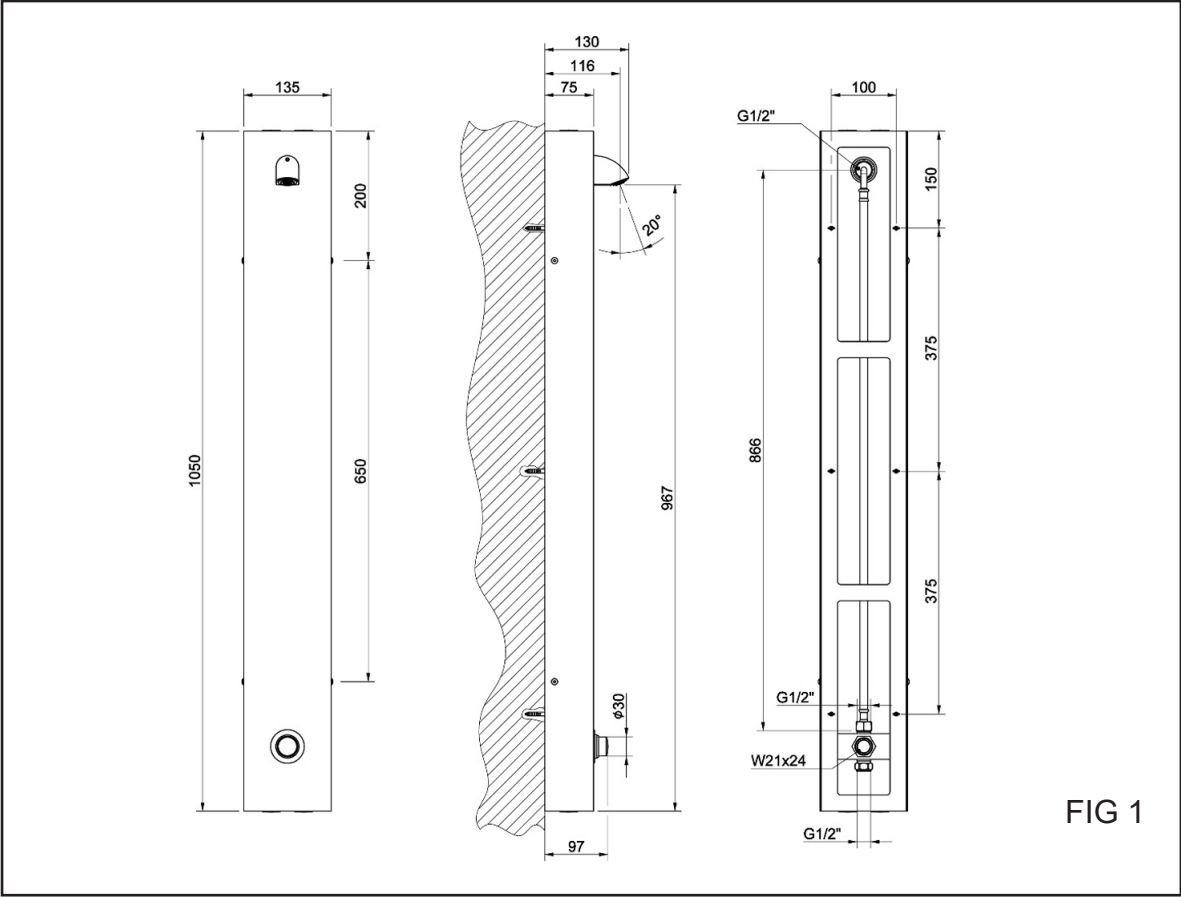
### Planning

- Ensure an appropriate piping design (sizing etc). This will eliminate issues arising from flow, pressure and water hammering.
- Where appropriate install necessary inline filters, water hammering arrestors and water pressure reducing valves (recommended pressure 2 to 4 bar). This will minimise future maintenance.
- Install a non-return valve and angle valve to enable ease of future maintenance.
- Mixed water supply can enter shower panel from top, bottom or back.
- Thought should be given to the shower tray or sloping gutter to capture all shower spray.
- Appropriate fixing substrate or additional stud should be considered.

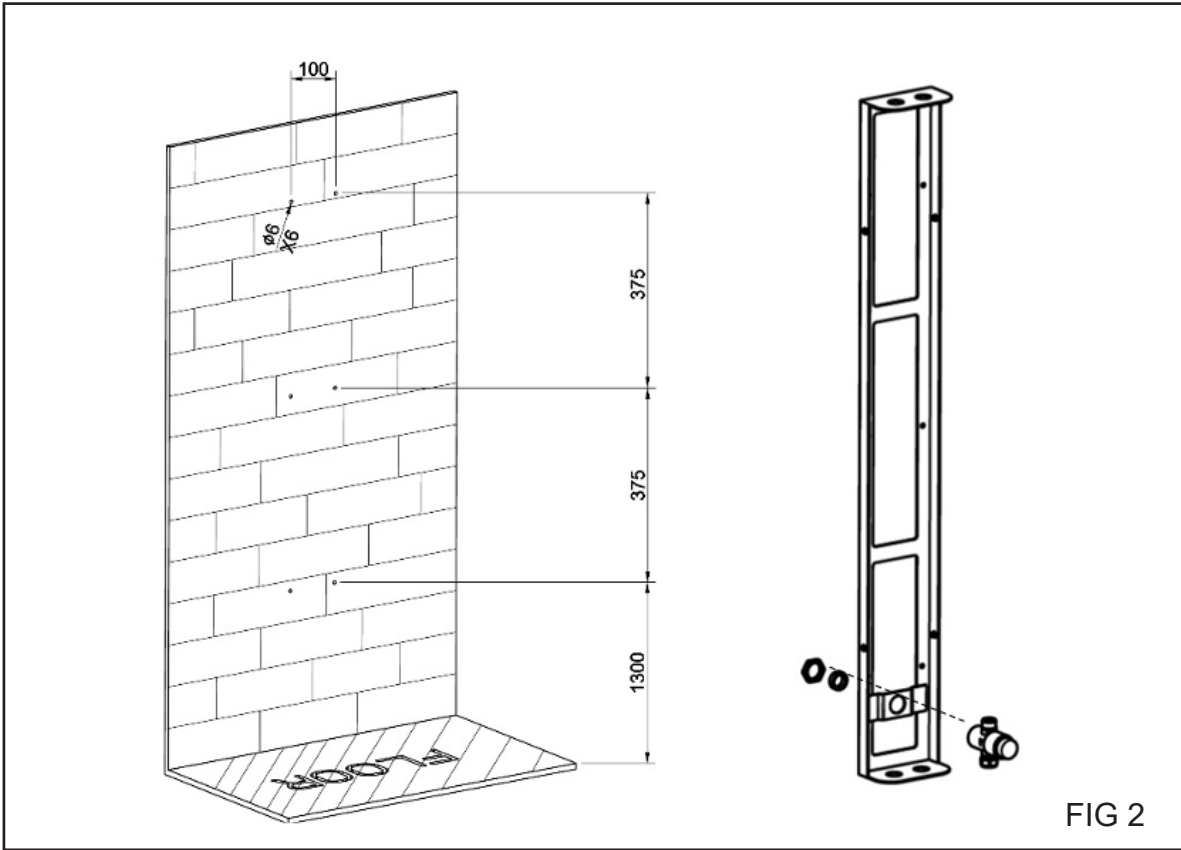
### Tempered Water

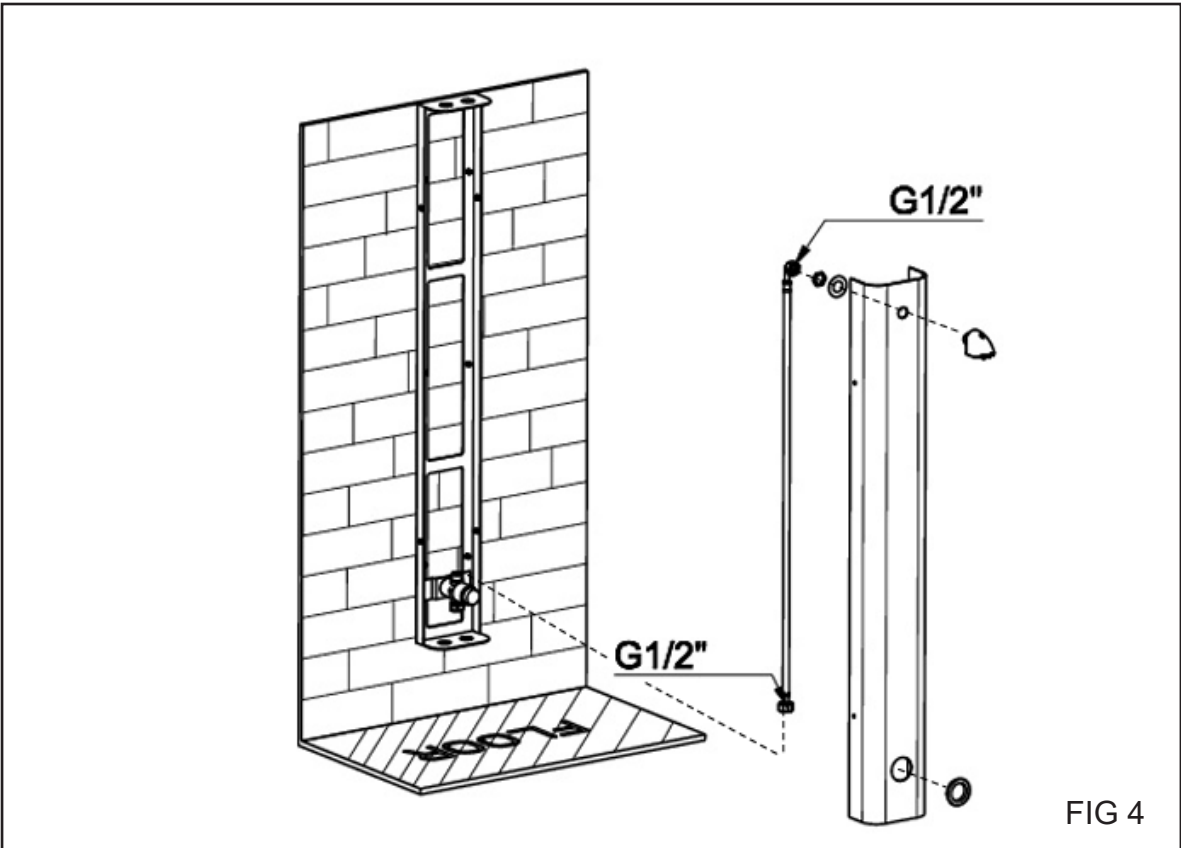
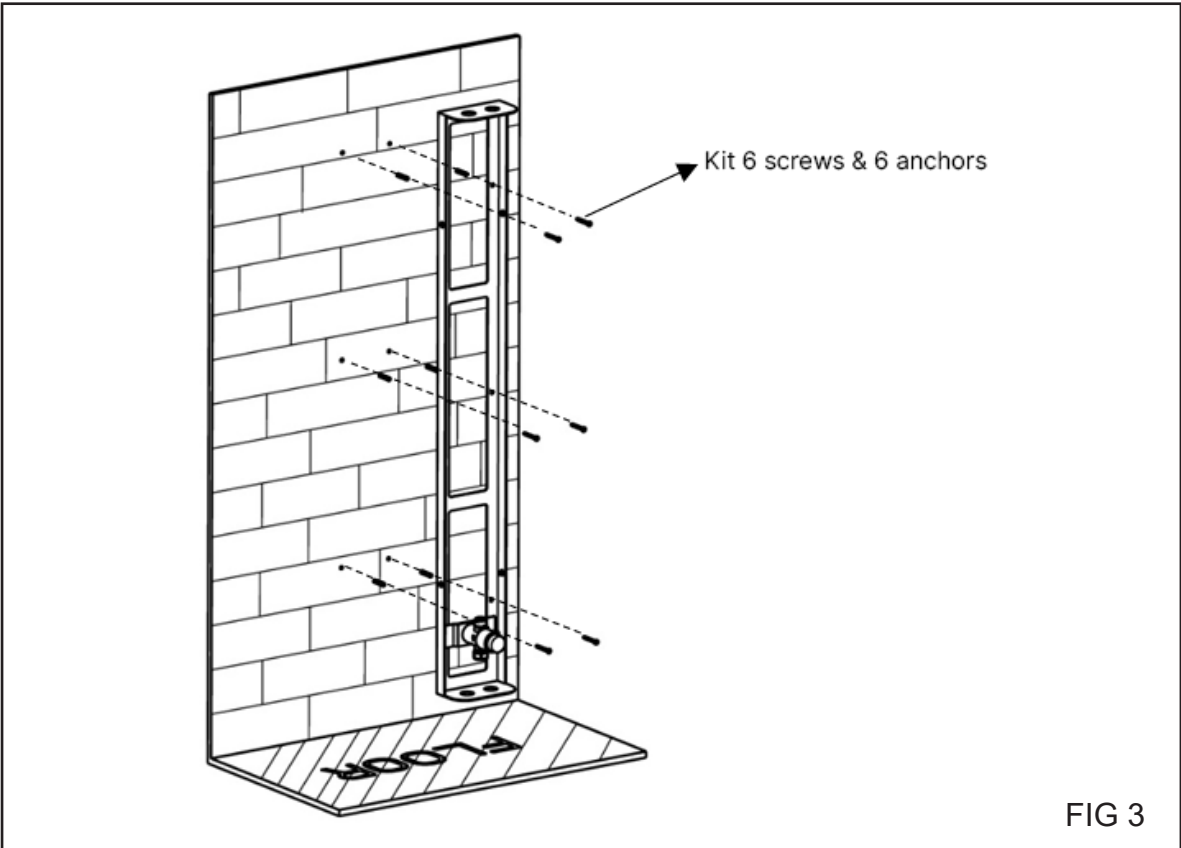
We suggest fitting a thermostatic mixing valve upstream. These are available from SPL: BEN-TMV

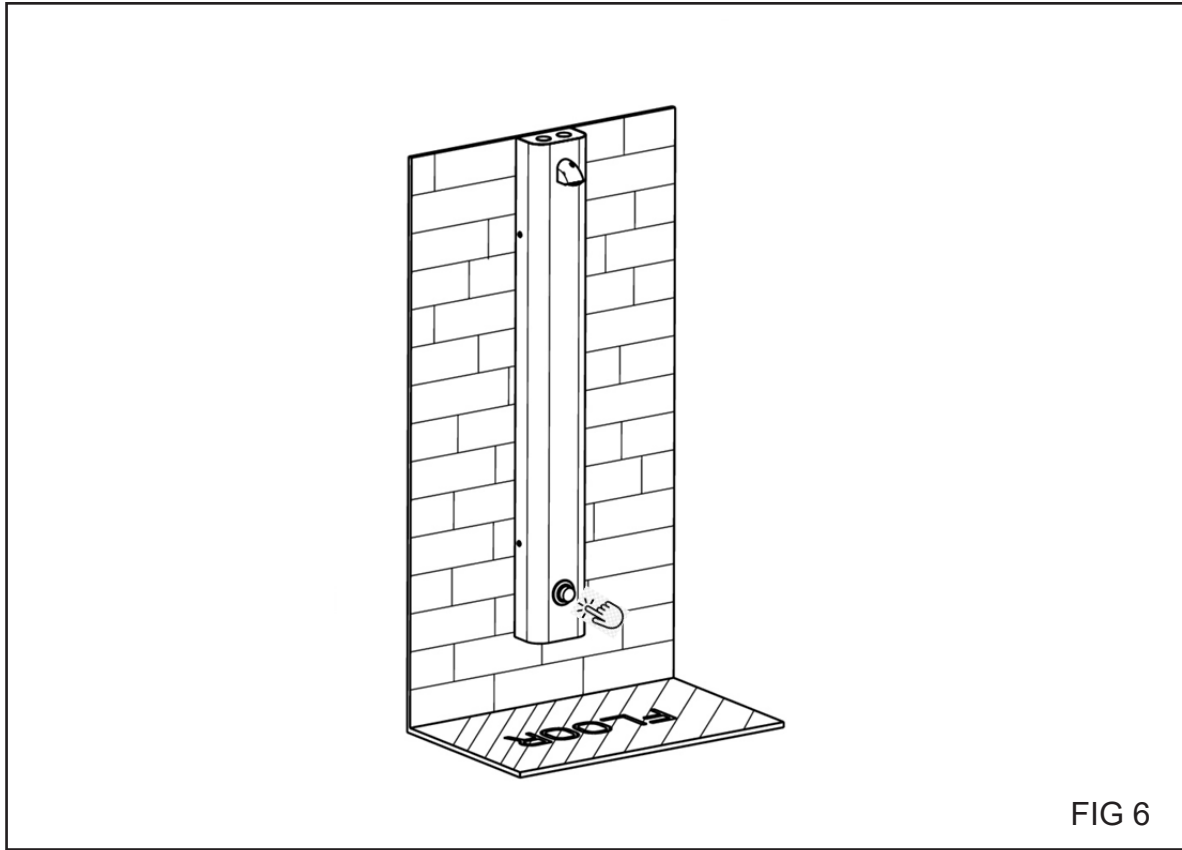
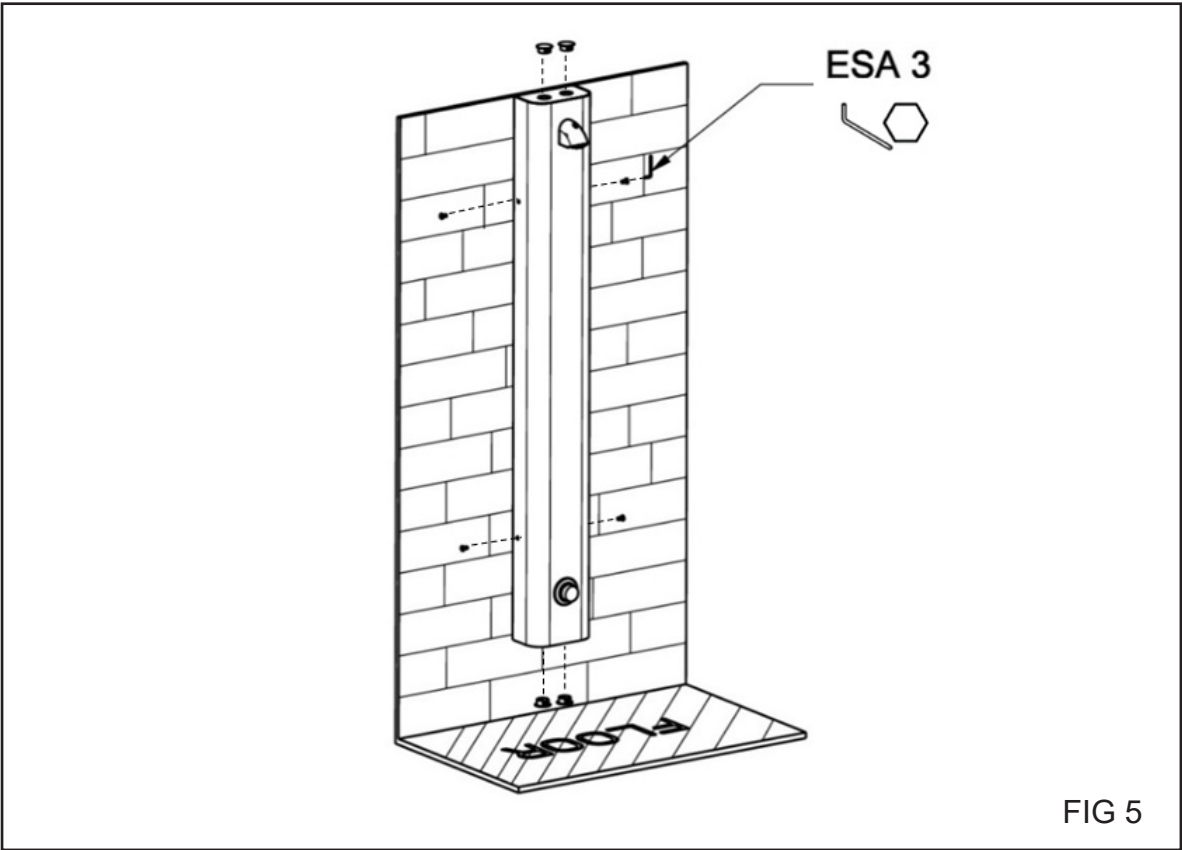
# Dimensions



# Installation









# Shower Panel Installation

1. Position the shower on the wall as per Fig 2. Shower head should be ~2.1m from the ground.
2. Remove the cover of the shower panel by unscrewing the 4 x screws on the side(s) of panel.
3. Mark and drill 6 x holes - Fig 3.
4. Fix panel into place with fixings provided (use alternative wall anchors or fixings as appropriate) - Fig 3.
5. Seat the time flow valve into the bracket and connect to the mixed water supply - Fig 4.
6. Install the shower head provided onto the stainless cover panel. Use spacer on internal side and brass locking nut - Fig 4.
7. Connect the stainless flex from the shower head to the time flow valve - Fig 4.
8. Turn water supply on and test for leaks - Fig 5.
9. Re-install the stainless cover panel and 4 x screws on sides.
10. Activate the shower several times to stabilise flow time - Fig 6.
11. Adjust time regulation using small allen key on face of shower button.
  - increase time = anti-clockwise
  - decrease time = clockwise

## Important

The installer is required to ensure the waterproof seal is appropriate between the panel and mounting surface. If in doubt regarding the seal, install with a suitable silicon.

# Troubleshooting

Symptom	Possible Cause	Corrective Action
Water dribbles or trickles	a. Debris or hard water buildup in cartridge	a. Remove cartridge and clean internals including seals and time delay cups with a soft cloth & pin on internal groove b. Replace if damaged (cartridge)
Water flows too long or continual flow	a. Build up of foreign material or worn seal/seat b. Incorrect delay setting	a. Remove cartridge and clean as per above. Check lip seal and seat are in good condition. Replace cartridge if damaged b. Adjust using allen key, clockwise = less time
Water doesn't flow long enough	a. Pressure too low? b. Incorrect delay setting	a. Check pressure; 2 - 4bar recommended b. Adjust using allen key, anticlockwise = more time
Water temperature too cold/hot (if tempered)	a. Source of hot/cold water and piping arrangement b. Pressure of hot water source c. Incorrect setting on TMV	a. Check source and pressure of hot and cold water b. Eg. continuous water heater pressure. Balance the hot and cold pressure c. Adjust mixed temperature on TMV

# Maintenance

This product due to its design may need some maintenance. The regularity of this will depend on its usage and the water type. If in a hard water area maintenance may be required more often.

To maintain good working order, it is recommended to clean out the white plastic cup inside the tap/mixer, specifically the fine internal groove.

1. To do this first turn off water supply
  2. Remove panel cover (4 x screws on sides)
  3. Unscrew chrome housing that covers time flow valve. Use spanner to remove cartridge.
  4. The valve will then pull from the panel
  5. The white plastic cup may come away with the valve, if not simply remove it by pulling it from the body
  6. Once removed, clean out cup and run down the groove using a pin to clear out dirt
  7. When thoroughly cleaned, replace cup, and reverse above steps
- Clean shower panel regularly using soapy water and a soft cloth or wet sponge
  - DO NOT clean shower panel with any abrasive material or chlorine/acid-based cleaning product. This may damage the finishing of the faucet
  - DO NOT use grease on the internal cartridge

# Supreme Comprehensive Warranty

Your Supreme time flow tapware is fully guaranteed against defective materials and faulty workmanship commencing from the date of sale (according to SPL's records), subject to it being installed and maintained in accordance with the manufacturer's instructions.

SPL (2021) Limited warrants that should any part of the tap fail within the given warranty period (24 months), it will be remedied by SPL. The tap should be returned to SPL (2021) Limited for all warranty claims. The cost of cartage will be payable by the customer.

Due to the significant variation in tradesman's knowledge, experience, and productivity, labour charges will NOT be accepted unconditionally. We strongly recommend contacting our office for advice before proceeding with any warranty repairs.

This warranty excludes:

- Incorrect installation, or installation that does not specifically follow the installation guidelines supplied
- Defects arising from improper installation where applicable
- Failure to follow manufacturer's maintenance instructions
- Damage / failure resulting from:
  - the use of non-authorized parts
  - authorized parts not installed in accordance with the manufacturer's instructions
  - accidental damage, negligent use, misuse, vandalism, neglect
  - damage caused either directly or indirectly by external sources (incorrect power supply, natural disaster, or insect infestation)
- Water ingress caused by property maintenance or flooding
- Negligent cleaning practices (water ingress, harmful chemical etc)

*The above includes consequential damage to any other goods, furnishings, or property.*

- Normal wear and tear and consumable parts (batteries etc)
- This warranty does not displace any statutory warranty in relation to the tap but any liability of SPL (2021) Limited under any statutory warranty will be limited to a replacement or repair of the tap or payment of the cost of such replacement or repair at the sole discretion of SPL (2021) Limited

Note:

- Warranty only extends to products purchased and installed in New Zealand.
- Contamination or poor water quality is not covered by product warranty.
- Damage to flow regulating components caused by inadequate flushing or excess water pressure is not covered by the product warranty.

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