

### HORNE TSV1 SHOWER PANEL

Includes integral Type 3 approved HORNE 15 thermostatic mixing valve pre-plumbed within a white epoxy-polyester powder-coated aluminium panel with push-button timed flow control, three function handset, hose and riser rail, integral **In-line Thermal Disinfection Unit**, and 465mm Pipe Cover.



### FEATURES & BENEFITS

- Durable, anodised and powder-coated (RAL 9010) panel and robust fittings ensure long lifespan
- Fully pressure and performance tested pre-plumbed assembly
- Integral healthcare approved Horne 15 thermostatic mixing valve (pre-set temp)
- In-Line Thermal Disinfection Unit with easy operation for periodic disinfection of pipework, valve and downstream fittings using local hot water supply
- 465mm Pipe Cover in same profile as panel with key access point for ILTDU operation
- Robust riser rail with inclusive design handset holder
- Three function handset with 1.25m easy-clean and anti-kink hose with PVC liner
- Integral 8 L/min flow regulator for water & energy conservation
- Push button timed flow control for water & energy conservation (duration 45 seconds)
- Low level integral servicing valves for ease of maintenance and performance testing
- Fast and easy installation, for new or retrofit applications
- Optional accessories:
  - ◊ 2 metre hose, part number SA-108B
  - ◊ Wall-mounted grab rail in matching white/grey, 600mm

The Horne 15 thermostatic mixing valve is Type 3 and UK Water Reg 4 Approved.  
The integral ILTDU is UK Water Reg 4 Approved.



The **T307T4** shower panel is pre-plumbed with an integral Type 3 approved Horne 15 thermostatic mixing valve, which features:

- Low level isolating servicing valves
- Integral fine mesh strainers provide essential protection to the internal mechanism of the valve & ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility to allow water supplies to be flushed clean during commissioning

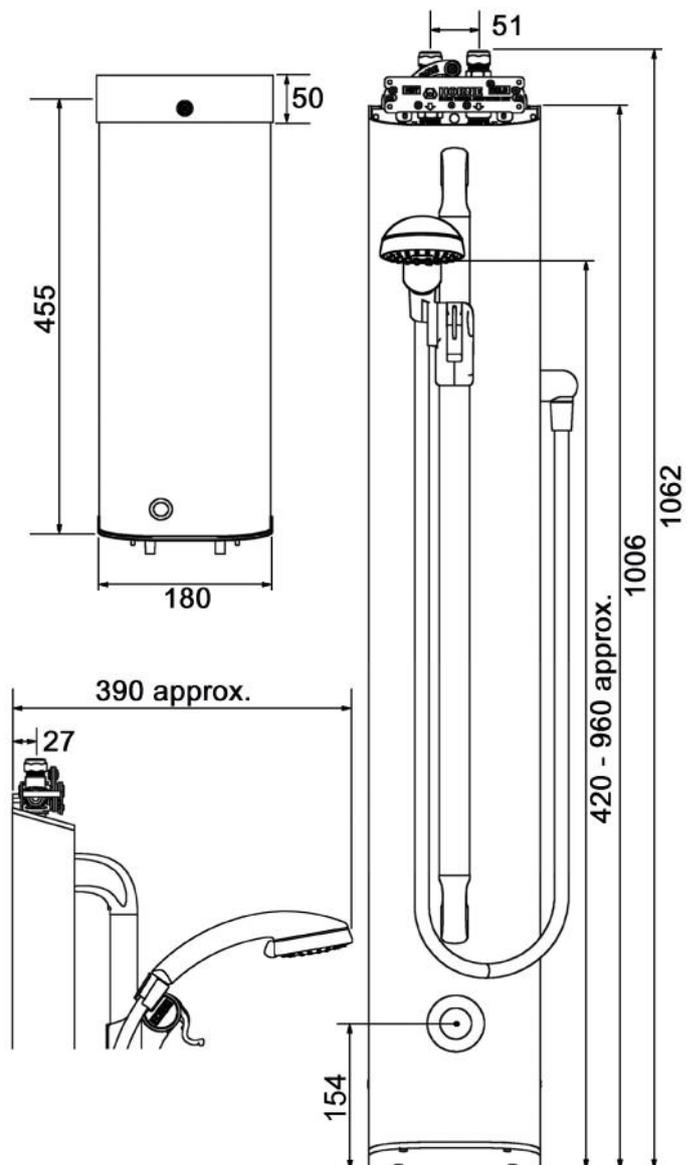
### Operating Conditions (Type 3 TMV):

- Pre-set mixed water temperature, 41°C at the shower head
- Range of hot water supply temperature: 55 — 65°C
- Maximum static pressure: 10 bar
- Minimum differential between hot water temp. and mixed water temp.: 5°C
- Range of maintained water supply pressures: 0.5 — 5 bar

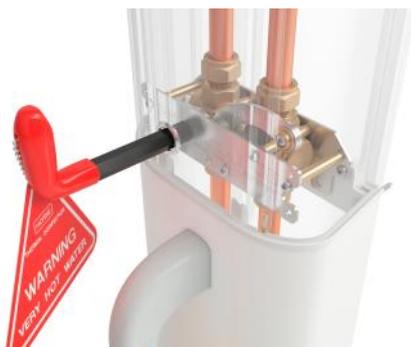
*Unequal pressures are usually acceptable if gravity-pressure supplies one of the inlets: minimum 0.5 Bar. When both supplies are pumped, pressures should be nominally balanced.*

Dimensions in mm

Original Drawing Ref: 11376



TOTAL HEIGHT OF PANEL + PIPECOVER  
= 1006 + 2 + 455 + 50 - (OVERLAP)  
- OVERLAP IS VARIABLE, 20-40mm  
- 455 LENGTH CAN BE CUT TO SUIT



### Thermal Disinfection using the ILTDU

For an explanation of its operating principals and further information on the recommended disinfection procedure, please refer to our ILTDU brochure and instructions.