

### HORNE TSV1 SHOWER PANEL WITH DUAL CONTROL THERMOSTATIC SHOWER VALVE, ILTDU AND PIPE COVER

Includes Type 3 Approved thermostatic shower valve pre-plumbed within a white epoxy-polyester powder coated aluminium panel with hand controls, single function handset, hose and riser rail, integral **In-line Thermal Disinfection Unit** and 940mm Pipe Cover.



### FEATURES & BENEFITS

- Durable, anodised and powder-coated (RAL 9010, LRV=84) panel & robust fittings ensure long lifespan
- Pressure & performance tested pre-plumbed assembly
- Integral healthcare-approved dual control shower valve with standard controls
- In-Line Thermal Disinfection Unit with easy operation for periodic disinfection of pipework, valve and downstream fittings using local hot water supply
- 940mm Pipe Cover in same profile as panel with key access point for ILTDU operation
- Robust riser rail in with inclusive design handset holder
- Single function handset with 1.25m easy-clean and anti-kink hose (PVC liner)
- Integral 8 L/min flow regulator for water and energy conservation
- Low-level integral servicing valves for ease of maintenance and performance testing
- Fast and easy installation, for new or retrofit applications
- Optional accessory: 2 metre hose - part number SA-108B

The TSV1-3 thermostatic shower valve is Type 3 and UK Water Reg 4 Approved.  
The integral ILTDU is UK Water Reg 4 Approved.



The **T108T9** shower panel is pre-plumbed with an integral dual control Type 3 approved thermostatic mixing valve, which features:

- Low-level isolating servicing valves
- Integral fine mesh strainers provide essential protection to internal mechanism of the valve and 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):

- Range of temperature adjustment up to pre-set maximum, usually 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: 0.2 - 5 bar

*Unequal pressures are usually acceptable if gravity-pressure supplies one of the inlets: minimum 0.2 Bar. When both supplies are pumped, pressures should be nominally balanced.*

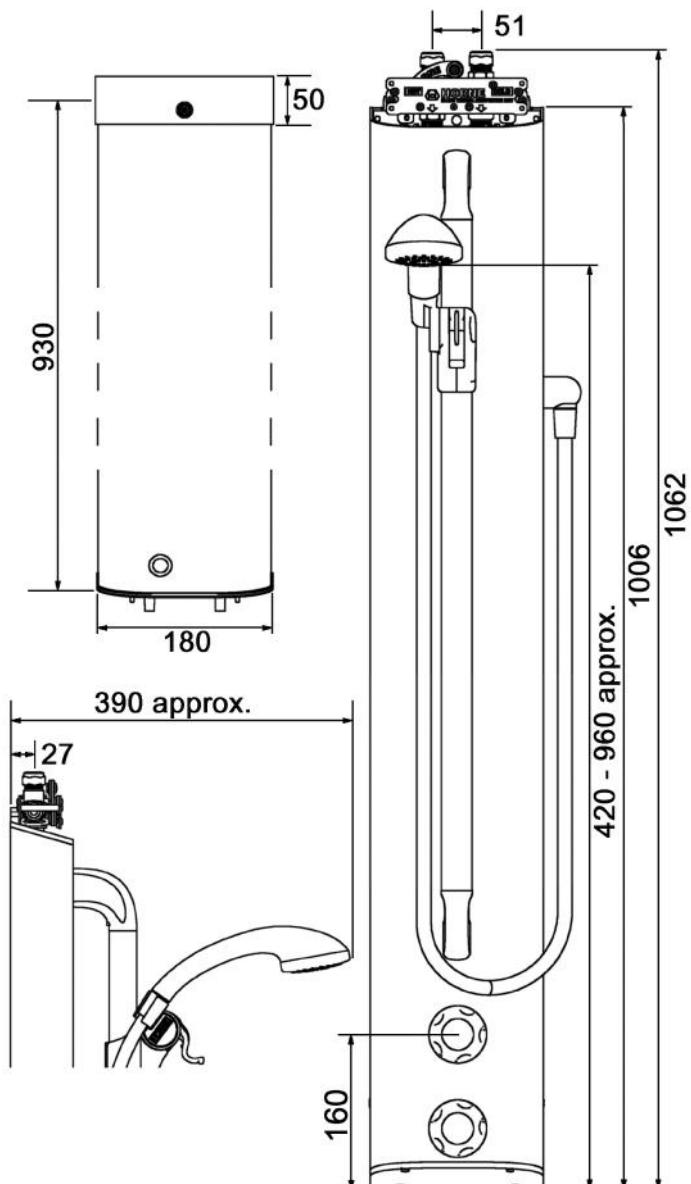


### Thermal Disinfection using the ILTDU

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

Dimensions in mm

Original Drawing Ref: 11351



TOTAL HEIGHT OF PANEL + PIPECOVER  
 $= 1006 + 2 + 930 + 50 - (\text{OVERLAP})$   
 - OVERLAP IS VARIABLE, 20-40mm  
 - 930 LENGTH CAN BE CUT TO SUIT