

HORNE TSV1 SHOWER PANEL WITH DUAL CONTROL THERMOSTATIC MIXING VALVE, VANDAL RESISTANT SHOWER HEAD, ILTDU AND PIPE COVER

Includes integral Type 3 approved thermostatic shower valve pre-plumbed within a white epoxy-polyester powder-coated aluminium panel with hand controls, vandal resistant shower head in chromium plated finish, integral In-line Thermal Disinfection Unit and 940mm Pipe Cover.



FEATURES & BENEFITS

- Robust, anodised and painted (RAL 9010) panel and fittings ensure long lifespan
- Pressure & performance tested pre-plumbed assembly
- Integral Type 3 approved shower valve - dual control
- In-Line Thermal Disinfection Unit with easy operation for periodic disinfection of pipe-work, valve and downstream fittings using local hot water supply
- 940mm Pipe Cover in same profile as panel with key access point for ILTDU operation
- Fixed vandal resistant shower head. Easy to clean and maintain with large area spray plate and two directional spray settings
- Integral 8 L/min flow regulator for water and energy conservation
- Low level integral servicing valves for ease of maintenance and performance testing
- Highly suitable for retrofit applications
- Fast and easy installation

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 **T105T9** shower panel is pre-plumbed with an integral dual control Type 3 approved thermostatic mixing valve, which features:

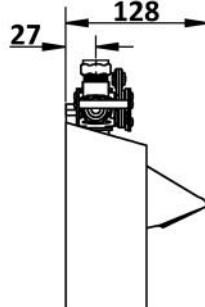
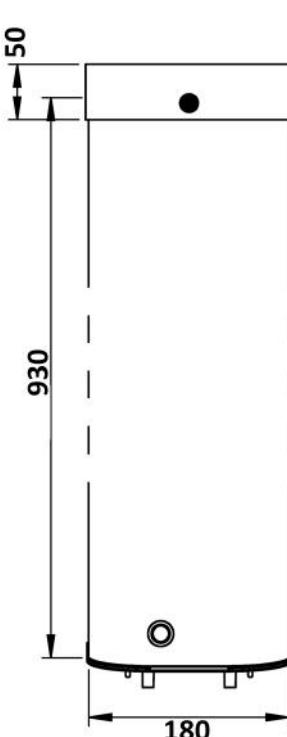
- Low level isolating servicing valves
- Integral fine mesh strainers provide essential protection to internal mechanism of the valve and ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility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

Operating Conditions (Type 3 TMV):

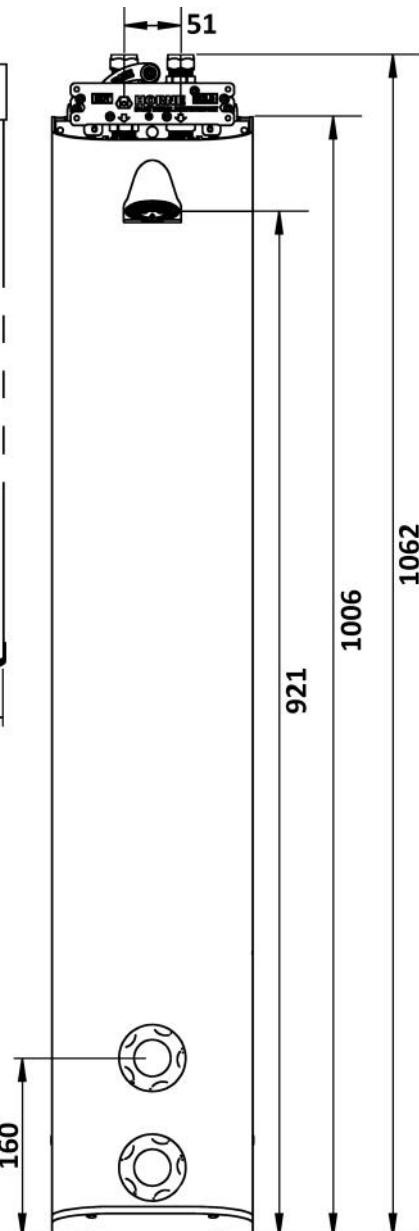
- Range of temperature adjustment up to pre-set maximum, usually 41°C at the shower head
- Range of hot water supply temperature: 55 — 65°C
- Maximum static pressure: 10 bar
- Minimum differential between hot water temp. and mixed water temp.: 5°C
- Range of maintained water supply pressures: 0.2-5 bar

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.

Dimensions in mm



Original Drawing Ref: 11337



TOTAL HEIGHT OF PANEL + PIPECOVER
 $= 1006 + 2 + 930 + 50 - (\text{OVERLAP})$

- OVERLAP IS VARIABLE, 20-40MM
- 930 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.