

HORNE THERMOSTATIC SHOWER PANEL WITH PUSH BUTTON TIMED FLOW CONTROL, VANDAL RESISTANT SHOWER HEAD, ILTDU AND PIPE COVER

Includes integral Type 3 approved Horne 15 thermostatic mixing valve pre-plumbed within a white epoxy-polyester powder-coated aluminium panel with timed flow control, vandal resistant shower head in chromium plated finish, 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
- In-Line Thermal Disinfection Unit with easy operation for periodic disinfection of pipe-work, valve and downstream fittings using local hot water supply
- 465mm 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
- Timed flow control for water and energy conservation. Approx. duration 45s
- Low level integral servicing valves for ease of maintenance and performance testing
- Highly suitable for retrofit applications
- Fast and easy installation

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



The **T109T4** shower panel is pre-plumbed with Type 3 approved Horne 15 thermostatic mixing valve, which features:

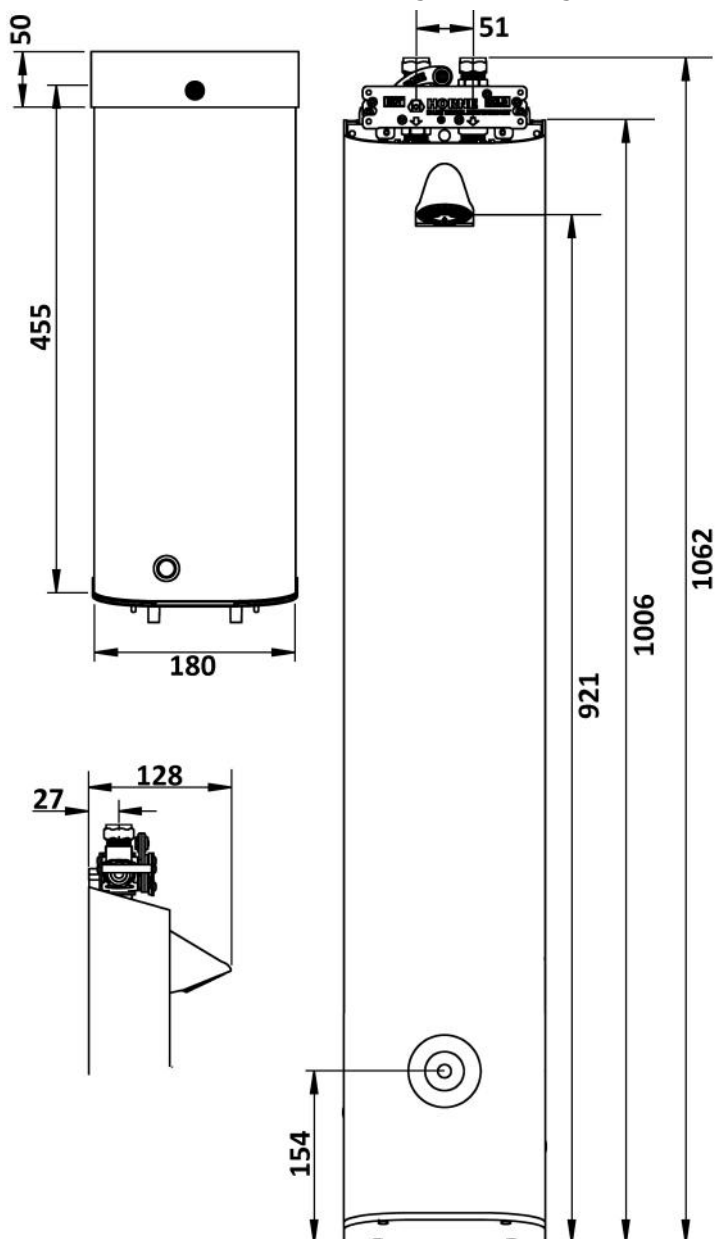
- Low level servicing valves
- Integral fine mesh strainers provide essential protection to internal mechanism of the valve and ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility to allow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

Operating Conditions (Type 3 TMV):

- 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: 11370



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.