

HORNE BIMODAL, TSV1 SHOWER PANEL WITH DUAL CONTROL THERMOSTATIC SHOWER VALVE, VANDAL RESISTANT SHOWER HEAD, DETACHABLE HOSE AND HAND-SET, ILTDU AND PIPE COVER

Includes integral TMV3 Scheme approved thermostatic shower valve pre-plumbed within a white powder coated aluminium panel with auto divert, lever hand controls, vandal resistant shower head, detachable hose with single function handset, integral In-line Thermal Disinfection Unit and 940mm Pipe Cover.



### FEATURES & BENEFITS

- Robust, anodised and powder coated (RAL 9010) panel and fittings ensure long lifespan
- Integral TMV3 Scheme approved TSV1 shower valve with BS 8300 compliant lever 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
- Fixed vandal resistant shower head (*unsupervised mode*). Easy to clean and maintain with large area spray plate and two directional spray settings
- Detachable 2m hose (PVC liner), easy-clean and anti-kink, with single function handset (*assisted mode via integral diverter valve*)
- Integral flow regulator for water and energy conservation, optimised flow 8-11 L/min
- Low level integral servicing valves for ease of maintenance and performance testing
- Highly suitable for retrofit applications
- Fast and easy installation
- Full assembly factory pressure tested to 16 bar

The Horne TSV1-3 thermostatic shower valve is WRAS & TMV3 Scheme Approved.



Certificate No. FM 1224

The **T605T92L** shower panel is pre-plumbed with an integral dual control Type 3 approved thermostatic mixing valve, which features:

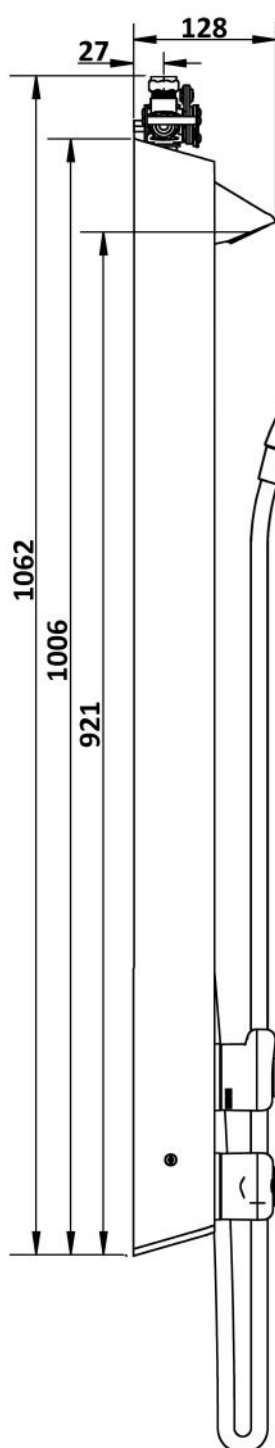
- Low level isolating servicing valves
- Integral fine mesh strainers provide essential protection to internal mechanism of the valve and ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility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

### Operating Conditions:

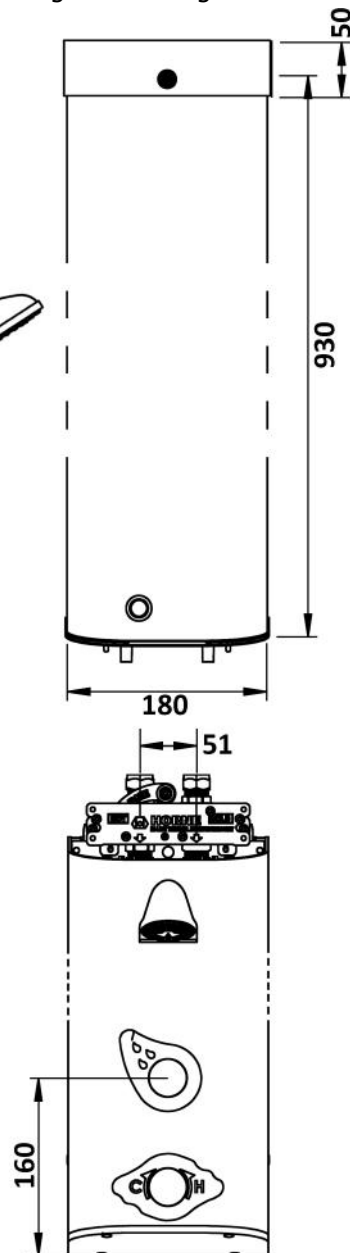
- Range of temperature adjustment up to pre-set maximum, usually 41°C at the shower head
- Range of hot water supply temperature: 52 — 85°C
- Maximum static pressure: 10 bar
- Minimum differential between hot water temp. and mixed water temp.: 5°C
- Range of maintained water supply pressures: 2-5 bar

Hot and cold water pressures do not need to be equal. The lower of the two pressures, however, should not be less than 2 bar maintained at the shower head.

Dimensions in mm



Original Drawing Ref: 11357



**TOTAL HEIGHT OF PANEL + PIPECOVER**  
= 1006 + 2 + 930 + 50 - (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.

