

# HORNE®

## Product datasheet: T605T42L

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

Includes integral Type 3 approved thermostatic shower valve pre-plumbed within a white epoxy-polyester painted 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 465mm Pipe Cover.



### FEATURES & BENEFITS

- Robust, anodised and painted (RAL 9010) panel and fittings ensure long lifespan
- Integral Type 3 approved TSV1-3 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
- 465mm Pipe Cover in same profile as panel with key access point for ILTDU operation
- Fixed vandal resistant shower head (*unsupervised showering 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 showering mode via integral diverter valve*)
- Integral 8 L/min flow regulator in VR head for water and energy conservation (6 L/min or 10 L/min flow regulators also available on request)
- 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
- Optional accessory
  - \* wall-mounted slide rail with BS 8300 compliant handset holder/slider to achieve Building Regulations Doc M compliance

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



Certificate No. FM 1224

The **T605T42L** 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: 2-5 bar

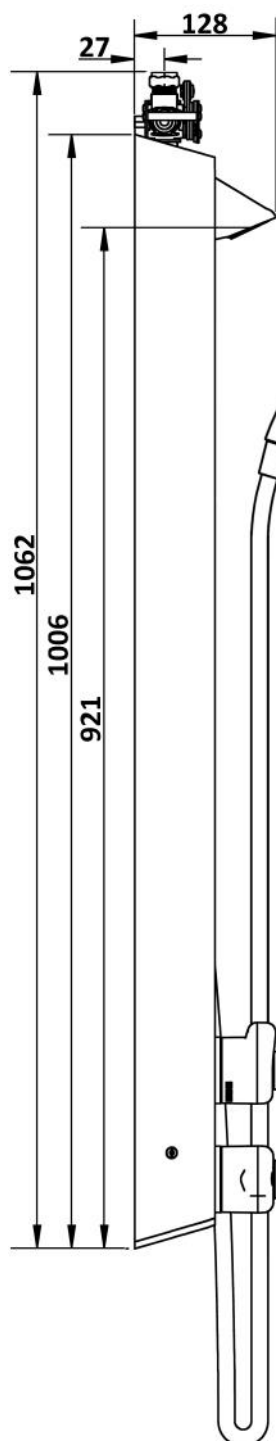
*Inlet pressures between 2 and 5 Bar are acceptable.*

*Pressure imbalance can be tolerated as long as both inlet pressures are between 2 and 5 Bar.*

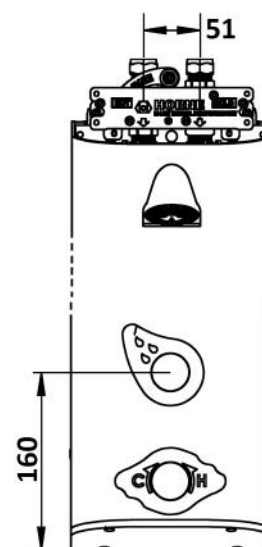
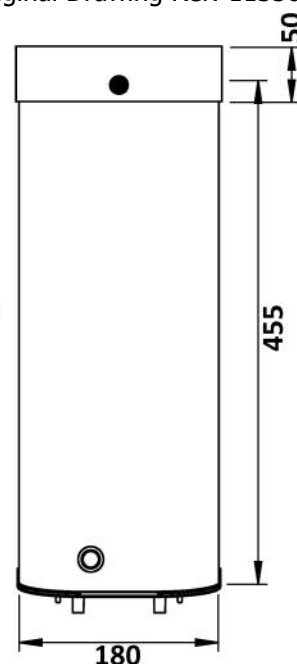
### Thermal Disinfection using the ILTDU

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: 11356



TOTAL HEIGHT OF PANEL + PIPECOVER  
= 1006 + 2 + 455 + 50 - (OVERLAP)

- OVERLAP IS VARIABLE, 20-40MM  
- 455 LENGTH CAN BE CUT TO SUIT

