

HORNE **BIMODAL** INCLUSIVE DESIGN / ACCESSIBLE SHOWER PANEL

Includes integral Type 3 compliant thermostatic shower valve, pre-plumbed within a white epoxy-polyester powder-coated aluminium panel with **manual** flow diverter, lever hand controls, vandal resistant shower head, hose with single function handset, integral **In-line Thermal Disinfection Unit**, 465mm Pipe Cover and wall-mounted riser/grab rail in dementia and sight-loss friendly deep orange/grey.



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 Type 3 compliant TSV-MDV shower valve with **manual flow diverter** and 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 (VR) shower head - easy to clean and maintain with large area spray plate and two directional spray settings
- 1.25m hose (PVC liner) - easy-clean and anti-kink, with single function handset for assisted showering
- Wall-mounted riser rail in hi-vis (tonal and colour contrast) deep orange aids users with limited sight. 32mm diameter, 1060mm long rail with Inclusive Design handset holder and pull-tab for easy handset lowering for smaller and wheelchair users.
- Integral flow regulator in VR head 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
- **Required** accessories
 - * ILTDU operation key, P/N 6236 (one per FM operative required)
 - * Flushing Kit for compliant commissioning
- **Optional** accessories
 - * matching grab rail in deep orange/grey
 - * Additional 675mm wall-mounted riser rail

The TSV-MDV thermostatic shower valve is designed as a Type 3 thermostatic shower valve and to UK Water Reg 4. The integral ILTDU is UK Water Reg 4 Approved.

The **T7Y5T42L** shower panel is pre-plumbed with an integral dual control Type 3 compliant thermostatic mixing valve, which features:

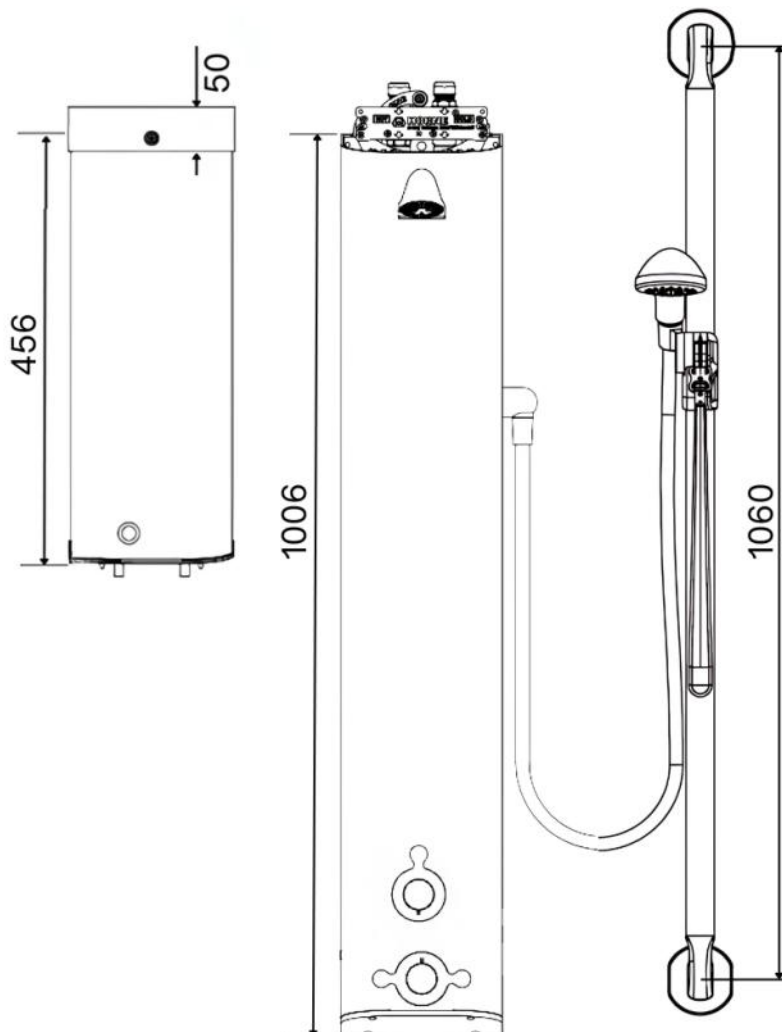
- Low level isolating servicing valves
- Integral fine mesh strainers, providing essential protection to internal mechanism of the valve and ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility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

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

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

Dimensions in mm



Original Drawing Ref: 12305

DISINFECTING



Accessible Guidance & Compliance

This arrangement of riser rail and separated shower controls facilitates compliance with the broad range of current accessible / inclusive shower design guidance:

DOC M
BS 8300
HBN 00-02
CHANGING PLACES
WHEELCHAIR HOUSING DESIGN GUIDE
HOUSING ADAPTATIONS (N.I. DESIGN TOOLKIT)

Thermal Disinfection using the ILTDU

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