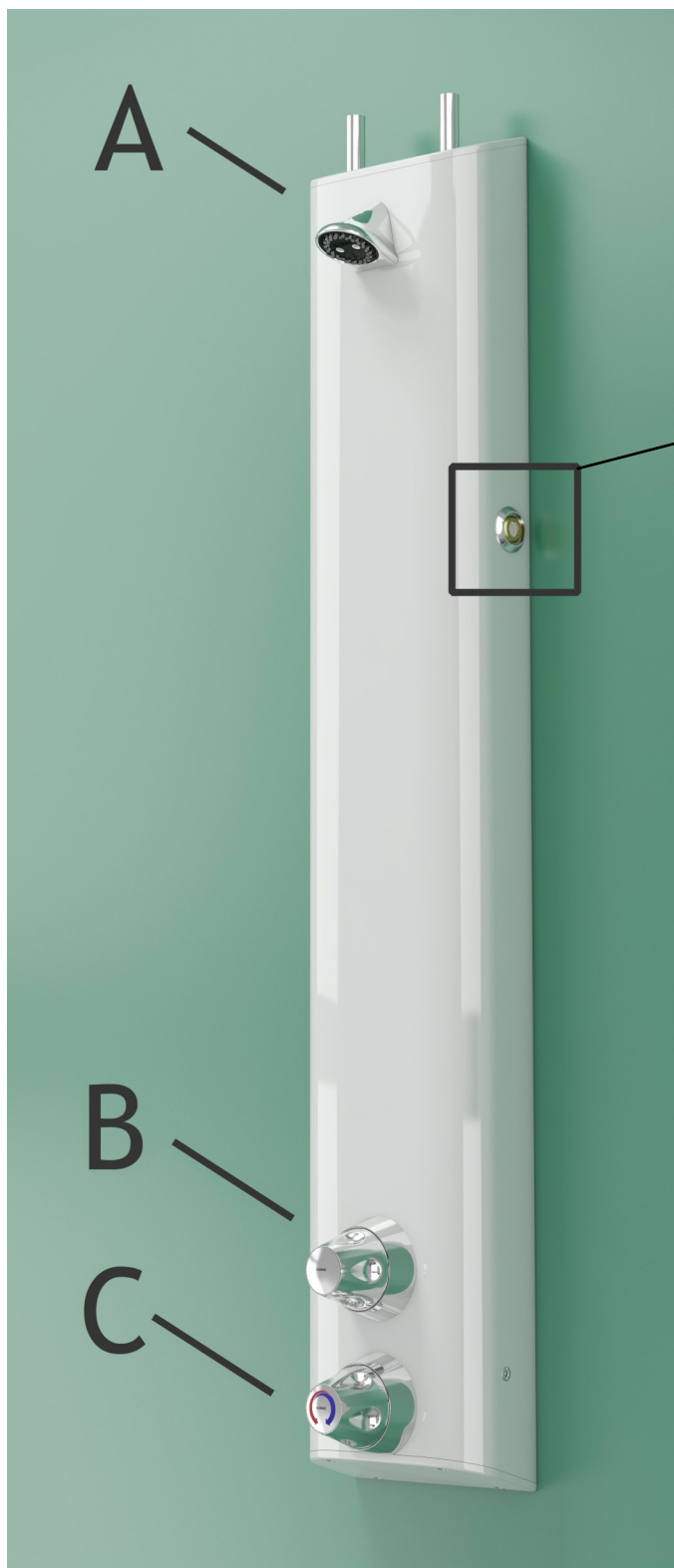
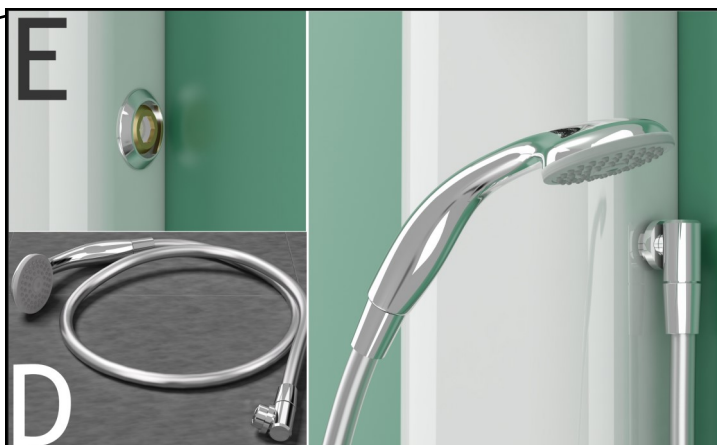


DUAL MODE LIGATURE RESISTANT SHOWER PANEL with auto-divert

A ligature resistant, Type 3 Approved thermostatically controlled dual mode shower specially designed for unsupervised and assisted showering in high security hospitals, care homes and prisons.



Unsupervised mode: The user is able bodied and does not require supervision during showering. The ligature and vandal resistant outlet (A) is active in this mode. Operation of the shower is by normal means using the ligature resistant flow control (B) to turn on the shower and temperature control (C) to adjust the temperature.



Assisted mode: For able and non able-bodied users who require assistance or supervision during showering. In this mode the carer/supervisor attaches the handset and hose (D) by screwing the hose connector into the ligature and vandal resistant outlet fitting (E) on the side of the panel. Water is automatically diverted to the handset on opening the shower flow control (B). The water temperature (C) is adjusted in the usual way.

The TSV1-3 is a UK Water Regulation 4 and Type 3 Approved thermostatic mixing valve



Features & Benefits

- Robust painted aluminium casing and vandal resistant fittings ensure long lifespan
- Performance and pressure tested pre-plumbed assembly
- Integral Type 3 Approved shower valve (see boxed insert)
- Detachable 2m flexible hose (PVC liner) with anti-kink feature
- Dual controls with ligature resistant features
- Fixed vandal resistant shower head with easy to clean and maintain large area spray with two directional spray settings
- 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)
- Integral low level isolation service valves for ease of maintenance
- Suitable for retrofit applications
- Fast and easy installation
- Optional Accessory:
 - * pipe cover in same profile as panel

The integral Type 3 approved thermostatic shower valve features:

- Integral and fine mesh strainers, which provide essential protection to the 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

TSV1 Operating Conditions

Temp. setting at factory	41°C
Range of hot water supply temp.	55 - 65°C
Minimum differential between hot water temp. and mixed water temp.	5°C
Maximum static pressure	10 bar
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.

Specification Clause

HORNE T605ALR LIGATURE RESISTANT DUAL MODE SHOWER PANEL WITH THERMOSTATIC SHOWER VALVE AND AUTO DIVERT:
Includes integral HORNE TSV1-3 Thermostatic Shower Valve pre-plumbed within a white (RAL 9010) powder coated aluminium panel. Unsupervised mode: shower controls and outlet fitting with ligature resistant features. Assisted showering mode: ligature resistant shower controls and detachable 2m hose with single function handset. Hose and handset to be accessible to and by authorised personnel only. Product reference **T605ALR** as per drawing No. D10380. To be installed according to the manufacturer's instructions and commissioned in accordance with water regulations and by-laws using the Horne TSV1 Flushing kit.