

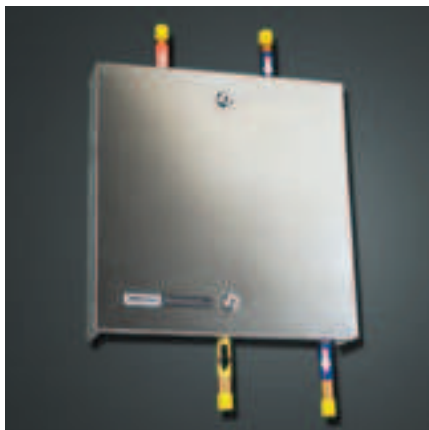
Horne H1502 Valve with TMV Box

Model 42151 Pipe Configuration

Cold water bypass and tube connections top and bottom



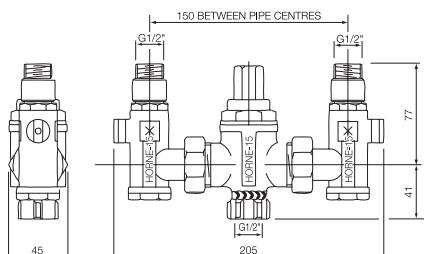
TMV valve



Model 42151 with cover



Model 42151 plumbed in box with no cover



Valve Dimensions

Features

Hosplan approved

Gives rapid access for periodic maintenance

Can be surface mounted or wall recessed

Removable lid with keyed security lock

Simplifies TMV installation on any site

Securely houses and protects each TMV

Backed by the Zip nationwide service network



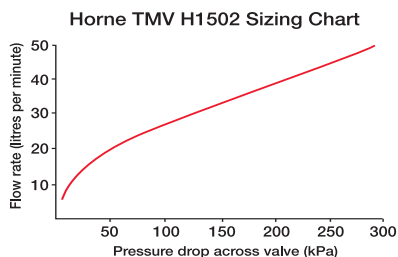
Horne H1502 Valve with TMV Box

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Cold water bypass and tube connections top and bottom

Features

- Hosplan approved
- Horne thermostatic mixing valves give you far more precise control over mixed hot water temperature than can be achieved with simple tempering valves.



- Market leading Technology in its field, Horne has an eighty year history in manufacturing thermostatic mixing valves for world markets.
- Mixed temperature recommendations at 40.5 to 43.5 °C (for adults) and 38.0 to 40.5°C (for children) is maintained from a minimum flow rate of 2.5 litres/minute through to a maximum flow rate of 48 litres/minute.

Safety first

Quick-react temperature fluctuation feature which controls outlet temperature to +/- 2°C.

Quick Stop Anti-scald feature designed to automatically cut off (thermal shut-off) the hot water within one second should the cold water supply fail. Any drips from the valve will be less than 46°C.

Cold shock fail safe feature if the hot water supply ever fails, the flow of mixed water is cut off and the valve will shut down the flow of cold water to prevent cold shock.

Mixed temperature is maintained whether the supply pressures are equal or unequal. [Maximum pressure differential 20:1 ratio]. The lower of the two supply pressures should be maintained at not less than 12 kPa.

Hot temperature fluctuation stability feature.

Mixed temperature is maintained when hot inlet temperature increases [e.g. failure of controls at the water heater 60°C to 85°C]

Cold temperature fluctuation stability feature.

Mixed temperature is maintained when the cold inlet temperature increases [e.g. winter/summer 5°C to 30°C].

Quick react pressure feature is designed to operate at a minimum pressure of 12kPa and a maximum of 600kPa to cover a wide range of water pressure fluctuations.

Unequal inlet pressures > 12kPa are easily controlled through safety features. This factor is highly important when mains pressure cold water is to be mixed with tank fed or cistern fed hot water.

Drips from the valve will be less than 46°C, provided that: Hot water temperature is at least 5°C higher than the mixed water temperature.

Dormant period restart safety feature eliminates the potential for scalding. On re-start after a dormant period, mixed temperature stabilises before scalding can occur (Australian Standard AS 4032).

Easily maintained

Supplied with inbuilt isolating valves, non-return valves and strainers.

Simple removal and replacement of true flat-faced valve connections.

Quick remove strainer baskets are easily removed for cleaning without the need to disturb pipework.

Comprehensive maintenance instructions are supplied with each valve.

Compliant with Regulations

The Horne H1502 valve includes unique features that make it safer to operate, simpler to install and easier to maintain in accordance with stringent regulations that govern thermostatic mixing valve maintenance.

Complete Kit Installations

Horne TMV's can be ordered in many different pipe configurations and with painted or raw Zinc and Stainless steel boxes finishes for quick installation. Along with key lock security for added protection.

Box without cover for those installations which do not require additional security.

Recessed Box with cover and Key locks for the perfect installation in modern bathroom and washrooms.

Wall Mounted Box with cover and key locks for installations where it is not possible to mount in the wall.

Colour options available to match the interior decor. Painted colour swatch to be supplied or current manufacturers colour code at time of order.

Installation

Multiple bathrooms supplied from a single TMV through Horne's very high flow rate that allows one valve to cater for up to three bathrooms.

Slim profile makes the valve easy to install in a 50mm stud wall behind an access panel.

Install in any configuration with outlet up, down or horizontal. Inlet connections can be rotated to suit existing or preferred pipe layout.

Comprehensive installation instructions are supplied with each valve.

Note

To be installed by a qualified tradesperson in accordance with manufacturer's instructions and AS/NZS 3500 /AS 4032 and AS/NZS 3666 plumbing regulations.

Technical Advice

Contact Zip Heaters (Aust) Pty Ltd on **1800 638 633**

Models	Description	Pipe configuration	Finish	Dimensions (W x H x D)
42036	Horne 15 TMV H1502 Valve	2x isolating valves, strainers and non-return valves	Chrome Finish	150mm between pipes
Plumbed in box without cover				
42151	Horne H1502 Plumbed in TMV box	With Bypass, pipes at both ends	Zinc Seal Unpainted	Box 360mm x 360mm x 75mm
Plumbed in box with cover and keylocks (Wall Mounted)				
42162	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Stainless Steel	Cut out 365mm x 365mm x 75mm
42170	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Zinc Seal Unpainted	Cut out 365mm x 365mm x 75mm
42178	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Zinc Seal Painted (Pearl white)	Cut out 365mm x 365mm x 75mm
Plumbed in box with cover and keylocks (Recessed)				
42155	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Stainless Steel	Box 360mm x 360mm x 75mm
42163	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Zinc Seal Unpainted	Box 360mm x 360mm x 75mm
42171	Horne H1502 Plumbed in TMV box with Model 42152 pipe configuration	With Bypass, pipes at both ends	Zinc Seal Painted (Pearl white)	Box 360mm x 360mm x 75mm

Optional colours - Minimum quantity 10 units in the same colour. Manufacturers swatch or colour code to be supplied. Lesser quantities in number or colour (POA)