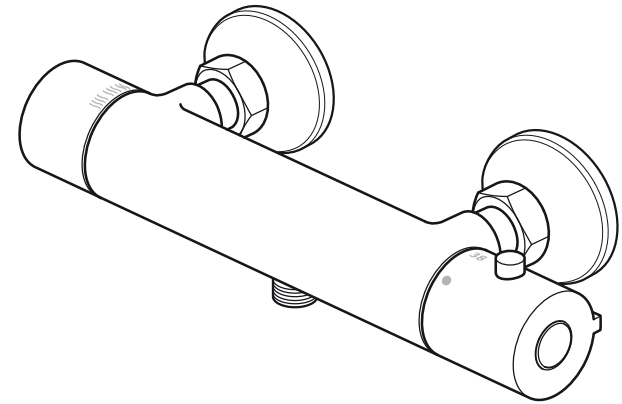




Installation & maintenance instructions



dgs

Exposed ½" thermostatic shower valve

Important - please read

Please read these instructions carefully before starting installation and keep for future reference.

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water regulations and will invalidate the guarantee.

The installation must comply with all Local/National Water Supply Authority Regulations/Byelaws and Building and Plumbing (UK:BS6700) Regulations.

We strongly recommend that you use a qualified and registered plumber.

IMPORTANT: Failure to comply with the installation and commissioning instructions as detailed will invalidate the product warranty.

General installation

Thermostatic Valves

This mixer valve is suitable for any water system. Where instantaneous heaters are used, the flow of hot water sufficient to start and go on burning must reach the minimum flow required – as specified by the heater manufacturer.

These fittings are mixing devices and therefore water supplies must be reasonably balanced.

This product has single check valves fitted on the hot and cold inlets. However, depending on the installation setup, additional check valves may be required. Please check with the local water undertaker if you are uncertain.

Before making any inlet pipe connections, all supply pipes **MUST** be thoroughly flushed to remove debris. Failure to do so could result in damage or low flow from the mixer unit. Water Supply (Water Fittings) Regulations 1999 Schedule 2 Section 13.

The fitting of isolating valves to the inlet feeds is advised for ease of maintenance.

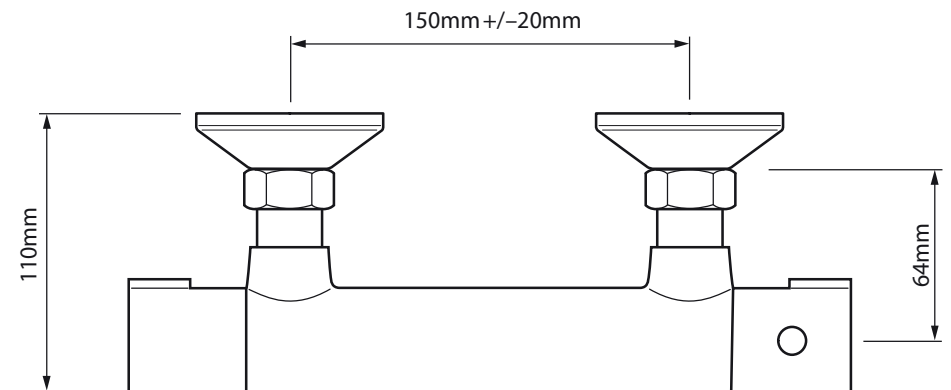
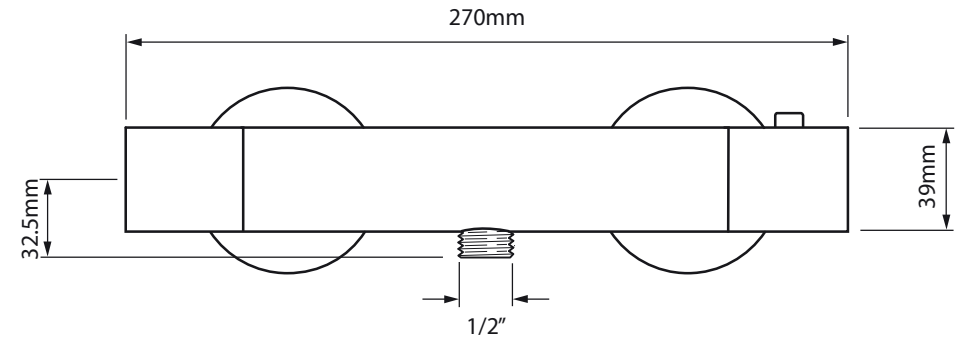
The fitting of strainers is recommended.

Please take great care when installing this mixer not to damage its surface.

Operating pressures (on hot and cold line) should be kept as balanced as possible in order to assure optimum efficiency.

Note: When pressure is higher than 5 bar a pressure reducer is required to be fitted before the valve.

Please note if installing in an enclosed environment, access should be left for servicing and maintenance. No costs relating to inadequate access can be accepted.



Care of the mixer

Our products are finished to the highest standard and due care needs to be taken to ensure their looks are retained.

We recommend cleaning all products with a soft damp cloth **ONLY** and advise strongly against the use of **ALL** cleaning products i.e. powders and liquids.

If the above instructions are not followed this will invalidate your guarantee in the event of a problem occurring.

Installation

The Thermostatic mixing valve must be installed in such a position that maintenance of the TMV and its valves and the commissioning and testing of the TMV can be undertaken.

The fitting of isolation valves is required as close as is practicable to the water supply inlets of the TMV.

The Valve should not be installed until the system has been flushed until free of all debris. Once this is done, the strainers and check valves supplied with the valve can be fitted into the adaptors and the valve body installed.

The Vado DGS-149 C/P Thermostatic Mixing Valve contains temperature sensitive components. Soldering near the union adaptors or main valve body must be avoided. The installation of Thermostatic mixing valves must comply with the requirements of the Water Supply (Water Fittings) Regulations 1999.

Rinse pipework carefully for a long while before fitting the valve: do not allow dirt, metal particles or shavings to block the filters fitted on inlets.

Turn off the water supply.

⚠ Warning! Please check for any hidden cables and pipes before drilling holes in the wall.

Prepare the wall with 2 flush ½" connectors at 150mm centres. Connect the water supply to the inlet pipes. The hot water should be connected to the left hand pipe.

Screw on the 2 offset connectors followed by the covers.

Place a filter/washer in each of the locking nuts on the valve and screw onto the connectors, some adjustment can be made to the offset connectors to align the centres and level up the valve.

Note: The valve must be connected to rigid pipework for support as there are no backnuts or fixing holes.

Installation

