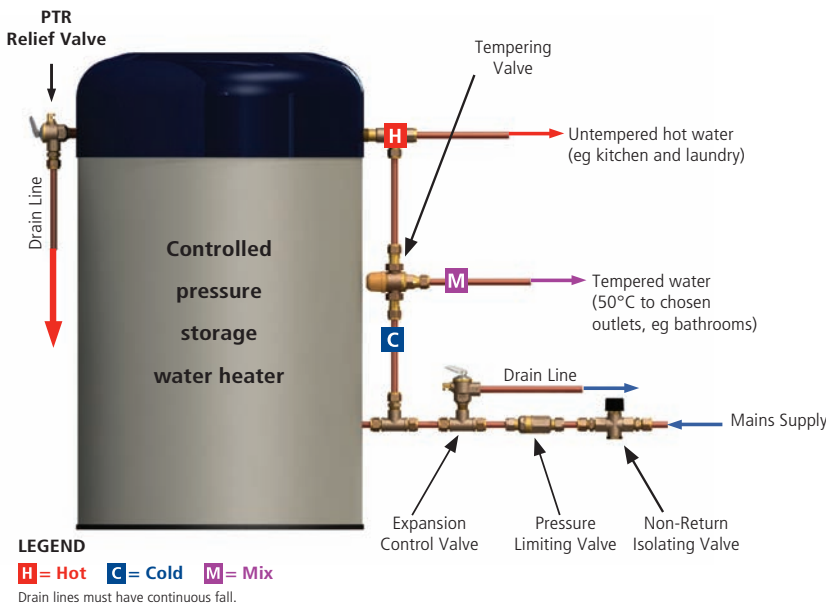


installation

INSTRUCTIONS

TYPICAL INSTALLATION OF CONTROLLED PRESSURE HOT WATER SYSTEM



The tempering valve may be installed at the point of use, but there must be a minimum 1 metre pipe run between the valve and the outlet tap.

Caution: Water escaping from the drain line may be hot and could cause scalding. This valve is a Safety Valve. Excessive discharge from the drain line or operation of the small auxiliary relief valve opposite the drain can mean a malfunction within the system. Switch off the energy source and call a plumber or service person.

INSTALLATION REQUIREMENTS

In addition to these instructions, PTR Valves must be installed in accordance with AS/NZS3500 National Plumbing and Drainage Code. All local government requirements must be met and the PTR must be installed in line with the water heater manufacturer's instructions. Valve rated to 10Kw.

The PTR valve to be fitted must comply with the water heater manufacturer's rating label. The kw rating of the valve should be greater than the kw rating of the water heater. All this information is found on the rating plate of the valve, and on the rating label on the side of the heater.

*Australian Valve Group (AVG) Pressure & Temperature Relief valves should be installed by a licensed plumber in accordance with AS/NZS3500.

* If the valve probe is damaged in any way do not install the valve. Return it to your valve supplier and obtain a replacement. Clean out any foreign matter from the threaded inlet water connection to the water heater.

*Flush the plumbing lines before connection. Deposits left in the line can lodge under the valve seat causing the valve to leak.

*Apply thread seal tape to the thread. Be sure not to use excessive amounts of thread seal that could hang over the thread, break off and lodge under the valve seat, causing it to leak.

*Screw the valve into the PTR socket.

*Do not use a wrench on the valve body. Use the spanner flats provided.

*No valve, taps, or other isolating valves are to be fitted between the PTR and the water heater.

*Install a drain line of the same nominal pipe size as the valve, in accordance with AS/NZS3500.4. The drain line must have a continuous fall.

*Test the manual relief by lifting the lever. Water should flow out of the relief valve. It is recommended that the manual relief be operated every 6 months, so as to flush out any deposits that may accumulate under the seal.

*CAUTION: "Danger of scalding" This valve relieves hot water.

Pressure & Temperature Relief Valve

AVG

Australian Valve Group

Australian Valve Group Pty Ltd (Head office)
Unit 3, 25 Frederick Street, Belmont, Perth, Western Australia 6104
P +61 8 9277 5514 F +61 8 9277 9418

FOR MORE INFORMATION VISIT OUR WEBSITE AT WWW.AVG.NET.AU

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