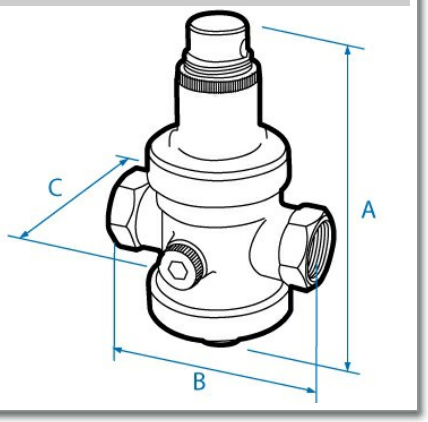
Pegler Valve

Pressure reducing valve FxF ISO228 parallel thread

PRV4 PT Pressure reducing valve



Dimensions

Code	Description	A	B	C	
5A2031	1/2 PRV4 PT	118	77	99	0.706
5A2032	3/4 PRV4 PT	141	91	73	1.116
5A2033	1 PRV4 PT	152	91	75	1.326
5A2034	1.1/4 PRV4 PT	217	116	94	2.294
5A2035	1.1/2 PRV4 PT	218	125	95	2.422
5A2036	2 PRV4 PT	244	142	114	3.618
5A2037	2.1/2 PRV4 PT	264	147	114	3.998
5A2038	3 PRV4 PT	287	180	114	5.526
5A2039	4 PRV4 PT	325	188	125	6.798

Pegler Yorkshire reserve the right to change specifications

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Pegler

Installation, Care and Maintenance Instructions

PRV4PT – Pressure Reducing Valve

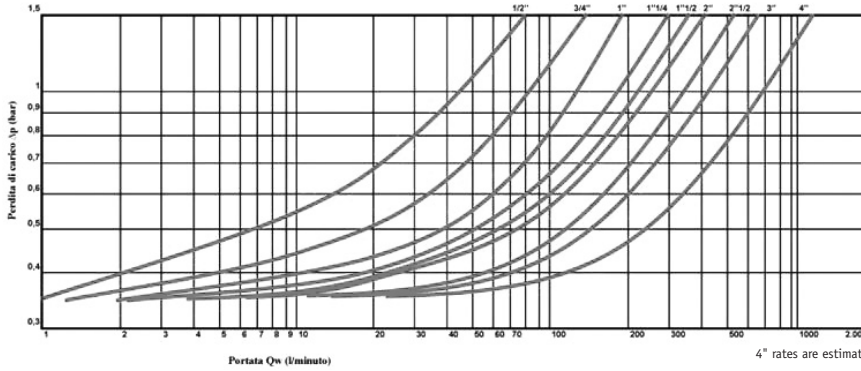
Features

- Brass water pressure reducing valves PN 25 with brass diaphragm functioning
- Maximum inlet pressure of 25 bar
- Maximum operating temperature: 80° C
- Adjustable outlet 0.5 - 6 bar; reduction rate 5:1
- Brass diaphragm
- Outlet pressure gauge connections ¼" on both sides
- F x F connections ISO 228-1
- Stainless steel seat
- Stainless steel bar (pressure reducers bigger than 1")

Installation Guidelines

Pegler pressure reducing valves are suitable for domestic and industrial installations. In order to optimise use and life of the entire plant, please read the following installation guidelines. Before setting up the pressure reducer, remember to clean pipes removing sand, shavings, flashes, etc.

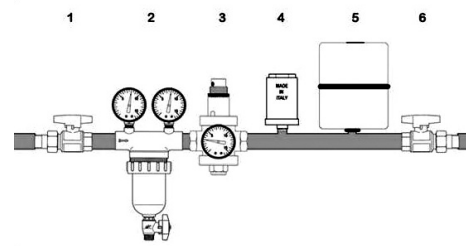
Discharge and Headloss Diagram



4" rates are estimated

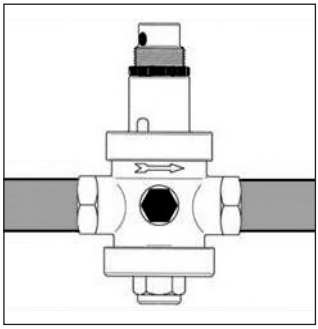
Typical Installation

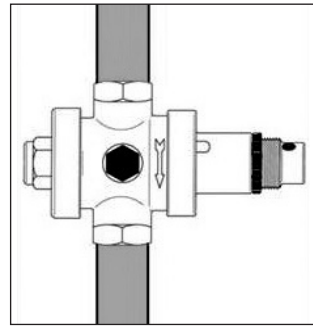
1) Ball valve (PB500)
2) Self Cleaning Filter
3) PRV4PT Pressure reducing valve
4) Water hammer preventer
5) Expansion tank
6) Ball valve (PB500)

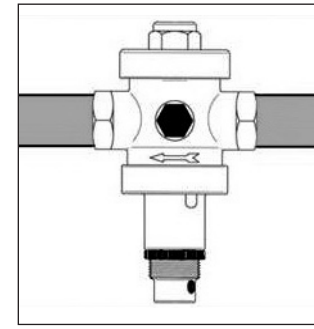


Orientation and Direction of Flow

In order to correctly set the pressure reducers, ensure that the flow direction indicated by the arrow embossed on the body of the pressure reducing valve is followed. The pressure reducing valves can work in any orientation (horizontal, vertical, up-side-down)







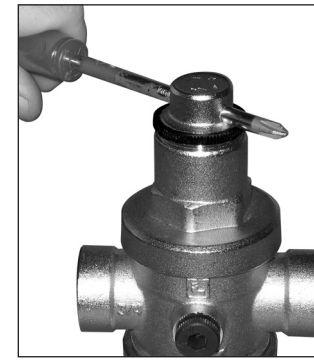
The PRV4PT pressure reducing valve has pressure gauge connections on both sides; both connections are placed on the outlet of the pressure reducing valve.

Pressure reducing valves should be installed at a reasonable distance from boilers; hot water produced by those devices, increases in volume and consequently also increases the pressure into the water plant downstream of the pressure reducing valve. This increase in pressure creates instability in the functioning of the pressure reducer. The fitting of an expansion vessel of the correct size between pressure reducers and boilers, will overcome this issue.

The PRV4PT pressurereducing valves are 100% tested and preset at 3 bar outlet.

To modify outlet pressure simply loosen the plastic locknut and turn the brass spring holder using a screwdriver as shown in the sequence below; by turning it clockwise the outlet pressure will be increased, turning it anticlockwise will reduce the outlet pressure.

The PRV4PT Pressure reducing valve must be set when the system is closed.



Our brands:

VSH Tectite

VSH XPress

VSH PowerPress

VSH Shurjoint

VSH MultiPress

Pegler Terrier

Pegler ProFlow

Pegler Valve

Pegler Prestex

Prestex

Yorkshire

Endex

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PEGLER

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connection instructions

threaded connections

Ensure that threads are prepared correctly to provide a good and long lasting service.

Thread compound should be applied to male ends only and not directly into the valve.

Valves should not be over tightened with a wrench.

Ensure the male thread is the correct type and length. If the thread is too short a leak may occur. If the thread is too long then damage may be made to the valve.

Ensure that good quality tools are used to provide an accurate joint and therefore avoiding the risk of leaking.

Thread tape may be used and applied to the external of the male thread after the threads have been cleaned.

Joining the valve and pipe
Fix the threaded pipe into a vice and then turn the valve on to the pipe.

A close fitting spanner should be applied to the valve hexagon/octagon flats being fixed. By tightening the valve onto the pipe in this way, the valve avoids being distorted with the consequential damage to internal parts.

further details

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WRAS APPROVED PRODUCT

This certifies that

PEGLER YORKSHIRE GROUP LTD

has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.

PEGLER PRV 4 PT ADJUSTABLE PRESSURE REDUCING VALVES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

January 2024

1901802

Certificate No.

J Furnival

Secretary

Chairman, Product Assessment Group