



Pegler

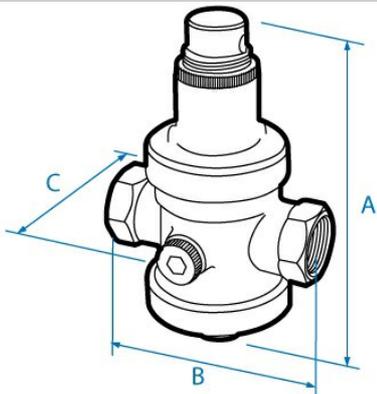
Pressure reducing valve FxF ISO228 parallel thread

PRV4 PT Pressure reducing valve



Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) ex VAT
1/2"	PRV4 PT	1	20	5A2031	5022050264244	£56.65
3/4"	PRV4 PT	1	12	5A2032	5022050264367	£83.37
1"	PRV4 PT	1	10	5A2033	5022050264510	£92.06
1.1/4"	PRV4 PT	1	6	5A2034	5022050264633	£185.76
1.1/2"	PRV4 PT	1	6	5A2035	5022050264787	£220.61
2"	PRV4 PT	1	4	5A2036	5022050264923	£359.46
2.1/2"	PRV4 PT	1	4	5A2037	5022050265050	£684.98
3"	PRV4 PT	1	2	5A2038	5022050265210	£749.80
4"	PRV4 PT	1	2	5A2039	5022050265357	£1704.22

PRV4 PT Pressure reducing valve



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

Pegler Yorkshire reserve the right to change specifications

Valves and Fittings

Pegler Yorkshire Customcare 5 Year Guarantee - Terms and Conditions

Products are subject to a 5 year guarantee that is between Pegler Yorkshire and the final purchaser of the product.

The guarantee is subject to proof of purchase being supplied.

This guarantee does not affect any statutory rights the consumer may have in law.

The guarantee covers manufacturing or material defects and does not cover parts subject to normal wear and tear.

This product range has been designed for the use of homeowners, domestic and commercial applications and therefore the guarantee is subject to the product being properly selected for their intended service conditions.

The guarantee is not applicable where the product is fitted contrary to the conditions in the fitting instructions.

This is reinforced where valves are covered by the European Pressure Equipment Directive (PED97/23/EC) where Installation, Operating and Maintenance Instructions are supplied with each product and/or carton.

Provided it is installed correctly and receives adequate preventative maintenance it should give years of trouble-free service.

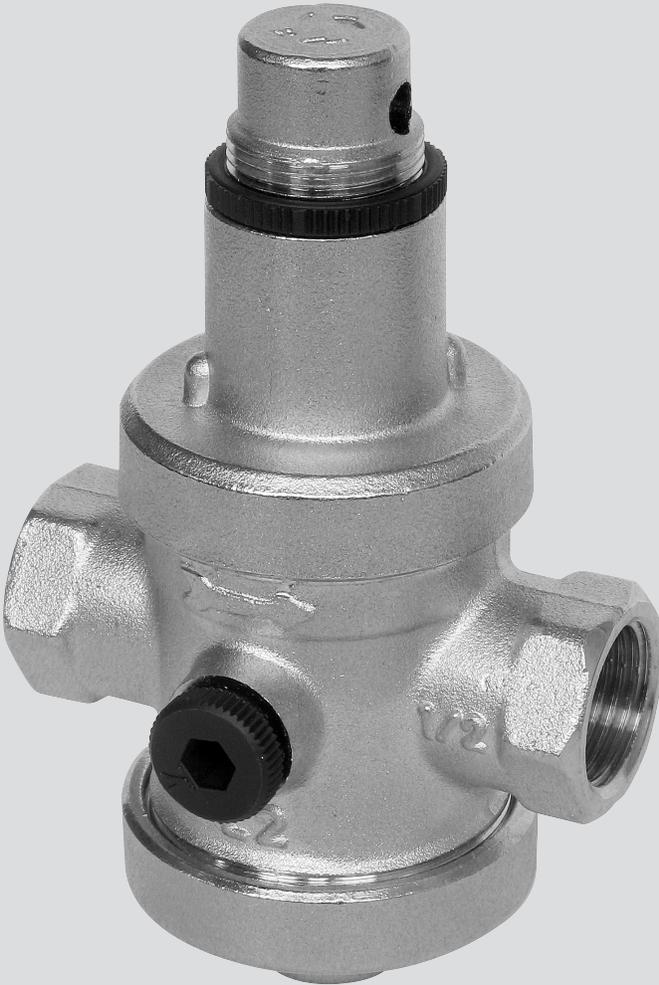
Abusive behaviour and accidental damage to the product are not covered by this guarantee.

The extent of this liability is limited to the cost of the replacement of the defective item and not to fitting or consequential damages.

Pegler Yorkshire Group Ltd, St Catherine's Ave, Doncaster, S Yorkshire, DN4 8DF
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Registered office : Pegler Yorkshire Group Ltd, St Catherine's Ave, Doncaster, S Yorkshire, DN4 8DF Company no : 00401507

PEGLER

Installation, Care and Maintenance Instructions **PRV4PT – Pressure Reducing Valve**



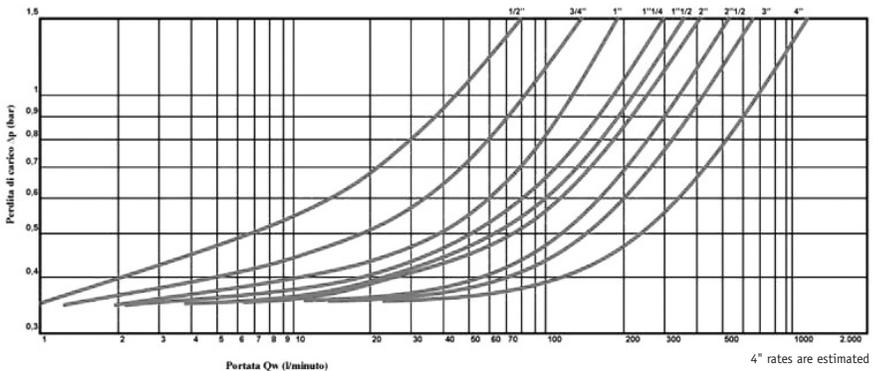
Features

- 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 1/4" on both sides
- F x F connections ISO 228-1
- Stainless steel seat
- Stainless steel bar (pressure reducers bigger than 1")

Installation Guidelines

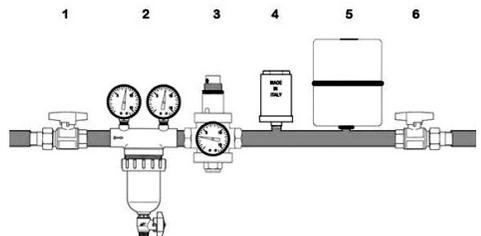
Pegler pressure reducing valves are suitable for domestic and industrial installations. In order to optimise use and life of the entire plant, please read the following installation guidelines. Before setting up the pressure reducer, remember to clean pipes removing sand, shavings, flashes, etc.

Discharge and Headloss Diagram



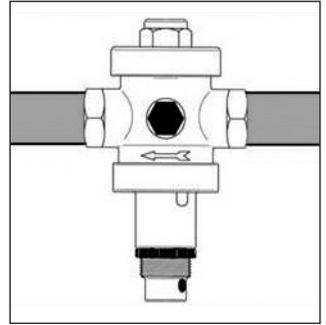
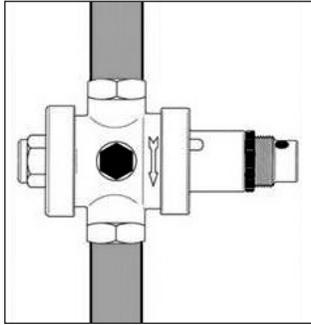
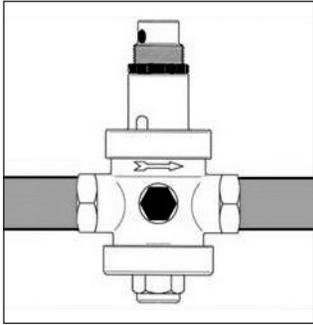
Typical Installation

- 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)



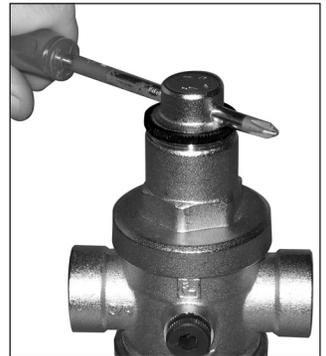
The PRV4PT pressure reducing valve has pressure gauge connections on both sides; both connections are placed on the outlet of the pressure reducing valve.

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 pressure reducing 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.



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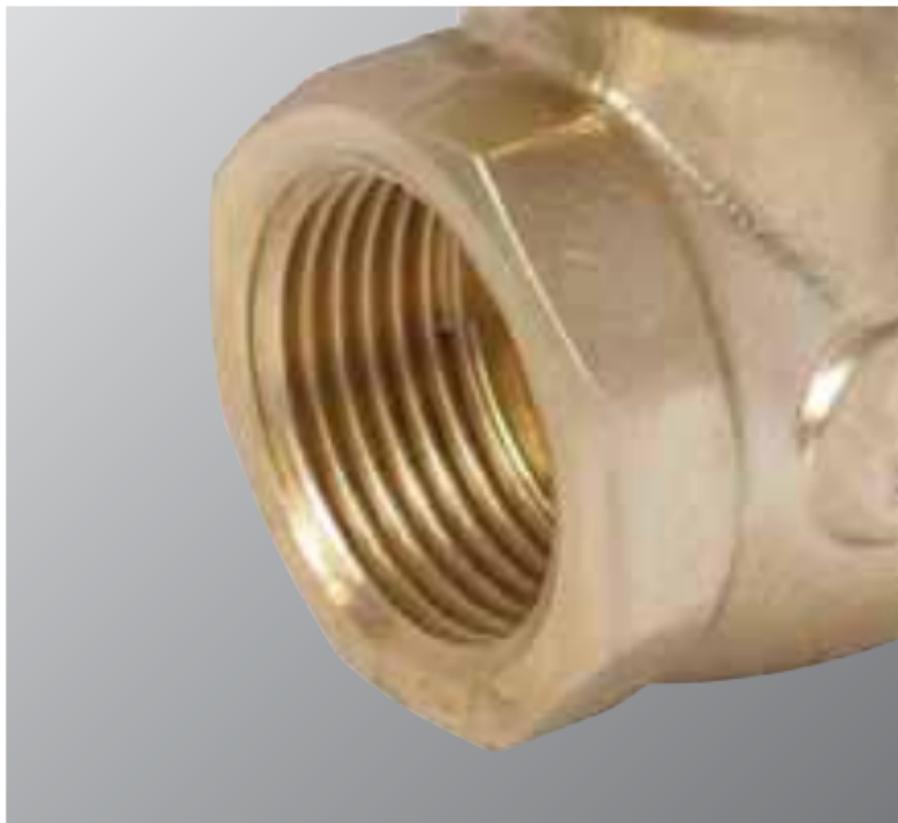
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REF: XXXXXX

Threaded connections



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

Pipe compound should be applied to pipe ends only and not directly into the valve.

Valves should not be over tightened with a wrench.

Ensure the pipe is threaded to the correct type and length. If the pipe is threaded too short a leak may occur. If the pipe is threaded 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 pipe 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.

WRAS[®]

Water Regulations Advisory Scheme

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/Scottish Water Byelaws.

5A2031, 5A2032, 5A2033, 5A2034, 5A2035 & 5A2036 'PEGLER PRV 4 PT' RANGE OF PRESSURE REDUCING VALVES

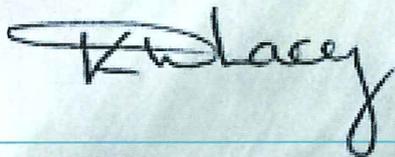
This certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)

The product so mentioned will be listed in the Water Fittings and Materials Directory for a period until:

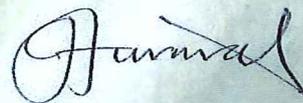
31 DECEMBER 2018

1312085

Certificate No.



Chairman, Product Approval Group



Secretary

WRAS
**APPROVED
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