Flow Control

315i Commercial Pressure Reducing Valve

Commercial pressure reducing valve for reducing high hot and cold water pressure to a safer lower outlet pressure

Overview

Reliance Valves 315i Commercial Series are a range of adjustable pressure reducing valves that are adjustable between 1.5 – 6.0 bar or 5.0 - 10.0 bar, with an easy-to-read pressure indicator dial.

Suitable for hot and cold water applications (up to 25 bar and 70ºC), all working components are contained in a one-piece cartridge making it easy to replace the cartridge for maintenance. It also features an integral strainer to protect the cartridge and the installation.

Ideal for high pressure systems, the 315i Commercial Series comes with MBSP or capillary connections with unions for quick and easy installation, or FBSP or compression connections for a direct connection to the valve.

Features & benefits

- Easy to read pressure indicator
- Drop tight valve controls pressure under flow and no-flow condition
- Robust design can be installed in any orientation
- One-piece easy to replace cartridge containing all parts
- Fully serviceable integral strainer
- Suitable for hot and cold water up to 25 bar
- Compatible with copper pipe only

Standards & approvals

WRAS Approved

BS EN 1567

Materials

Body & integral	DZR brass
parts Seals	EPDM
Spring	Zinc plated spring steel
Strainer	Stainless steel
Diaphragm	EPDM
Cover	ABS plastic

Product code	Description	Size
PRED315010	315i PRV	½" MBSP union
PRED315020	315i PRV	¾" MBSP union
PRED315030	315i PRV	1" MBSP union
PRED315040	315i PRV	1¼" MBSP union
PRED315050	315i PRV	1½" MBSP union
PRED315060	315i PRV	2" MBSP union
PRED315070	315i PRV	Capillary union
PRED315080	315 PRV	Capillary 22mm union
PRED315090	315i PRV	Capillary 28mm union
PRED315100	315i PRV Locked	28mm Compression
PRED315110	315i PRV	28mm Compression
PRED315120	315i PRV	1¼" MBSP union (5-10 bar)
PRED315125	315i PRV	1½" MBSP union (5-10 bar)
PRED315130	315i PRV	2" MBSP union (5-10 bar)
REDC315100	5 - 10 bar cartridge for 1¼", 1½" , 2" Valves	

Specifications

Maximum working pressure	25.0bar
Adjustable set pressure*	1.0-6.0 bar or 5-10 bar
PRED315100 locked set pressure	3.5 bar
Pressure reduction ratio	10:1
Maximum working temperature	65ºC

**excluding PRED315100*

Specification Text

The Pressure Reducing Valve (PRV) must have WRAS approval for cold water up to 65 degrees Celsius and comply with BSEN 1567. The PRV must be rated to 25 bar inlet pressure. Outlet pressures should be adjustable between 1 – 6 bar and have a lockable adjustment knob. The PRV should have a one piece cartridge containing all functional components with an integral serviceable strainer and a rotatable sleeve with a set pressure indicator. The PRV should be supplied with two downstream test points with brass plugs. Include correct product range code.

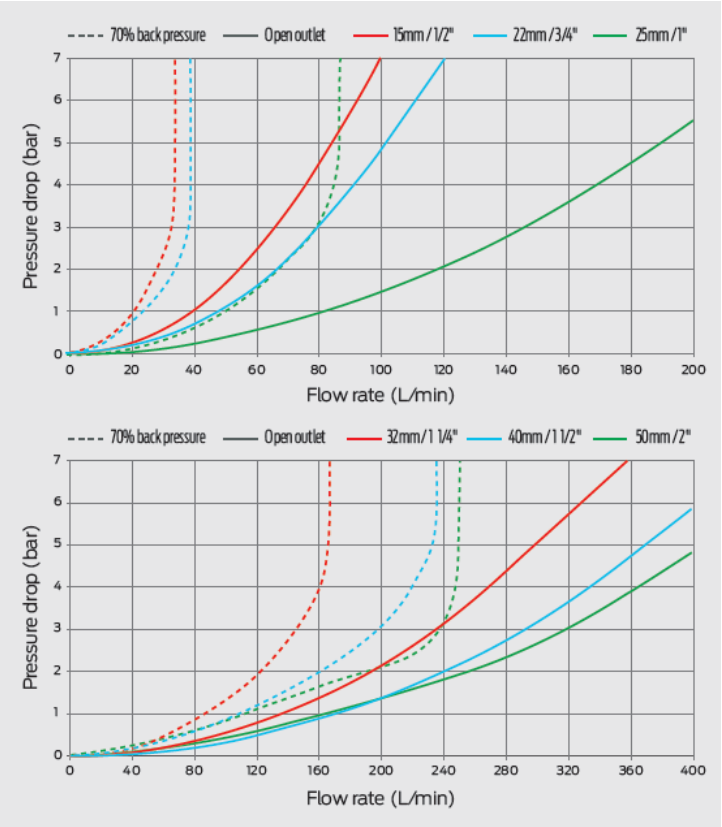
WRAS APPROVED PRODUCT

Flow Control

Reliance VALVES

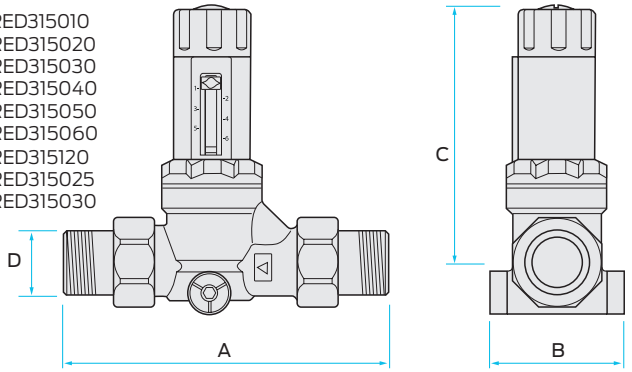
315i Commercial Pressure Reducing Valve

Flow rates

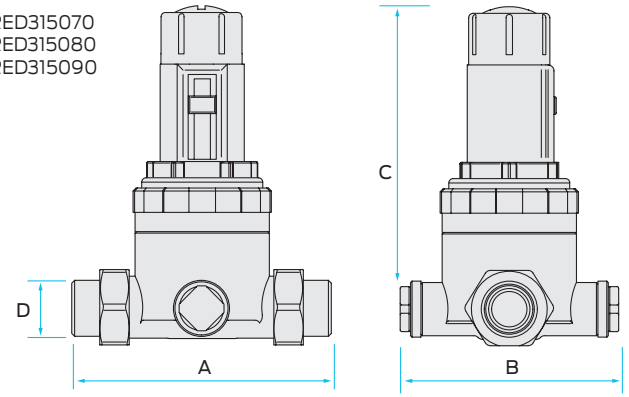


Dimensions – All measurements in mm unless otherwise stated

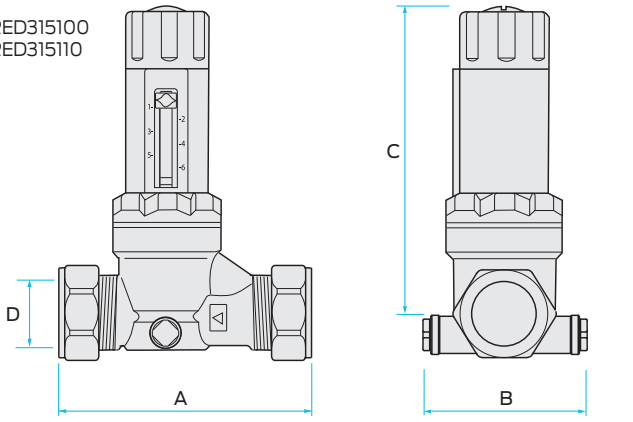
PRED315010
PRED315020
PRED315030
PRED315040
PRED315050
PRED315060
PRED315120
PRED315025
PRED315030



PRED315070
PRED315080
PRED315090



PRED315100
PRED315110



Product code	A	B	C	D
PRED315010	130mm	74mm	103mm	½" MBSP
PRED315020	138mm	74mm	103mm	¾" MBSP
PRED315030	170mm	84mm	132mm	1" MBSP
PRED315040	191mm	94mm	194mm	1 ¼" MBSP
PRED315050	220mm	94mm	194mm	1 ½" MBSP
PRED315060	255mm	94mm	187mm	2" MBSP
PRED315070	104mm	74mm	103mm	15mm
PRED315080	124mm	74mm	103mm	22mm
PRED315090	124mm	84mm	132mm	28mm
PRED315100	117mm	86mm	130mm	28mm
PRED315110	117mm	86mm	130mm	28mm
PRED315120	191mm	94mm	194mm	1 1/4" MBSP
PRED315125	220mm	94mm	194mm	1 1/2" MBSP
PRED315130	225mm	94mm	187mm	2" MBSP

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