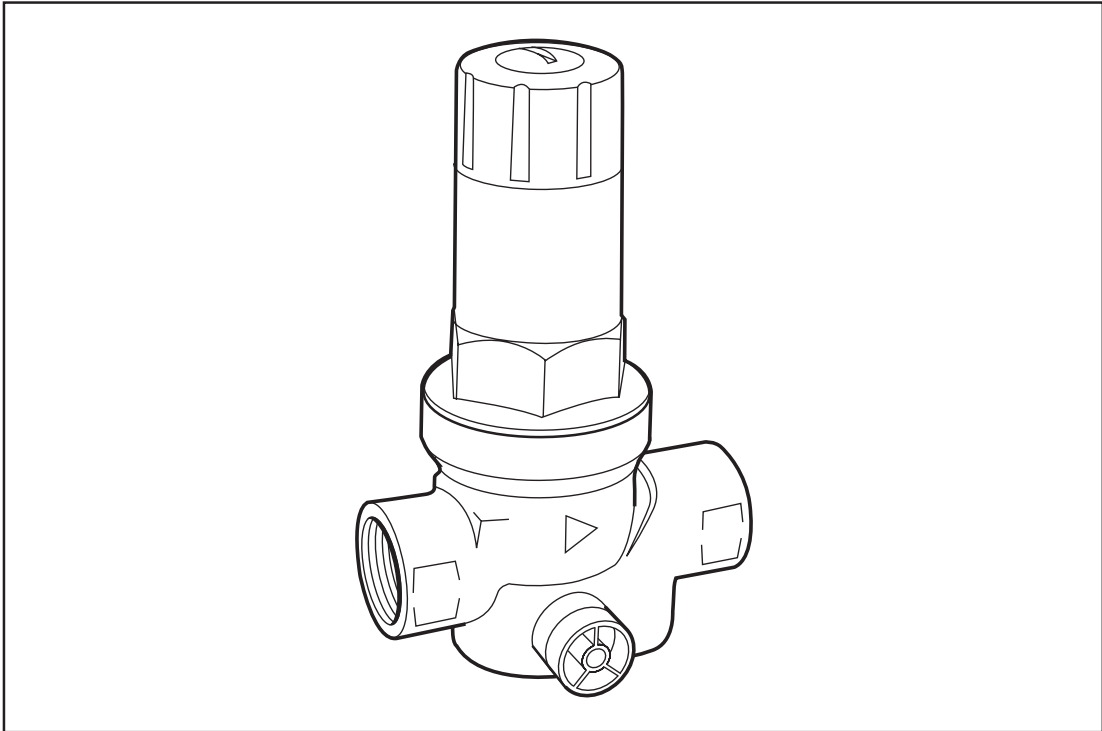




Product Specification Sheet

312 Series Pressure Reducing Valves



A pressure reducing valve for domestic applications.

Product Features and Benefits

- **Superior quality** pressure reducing valves.
- 1/2" to 1" models to **regulate down stream pressure to set maximum.**
- **Adjustable outlet pressure, from 0.5 to 5.0 bar.**
- **High flow rate** design.
- **Multi media application** (water, light oil, etc.)
- **Pressure gauge test point** for downstream reading.
- **Fully serviceable** strainer.
- Cartridge construction for **ease of service and replacement.**

✓ WRc approved.

312 Series Pressure Reducing Valves

Description

A range of high quality pressure reducing valves, suitable for various applications at temperatures up to 60°C. The valves are designed for low pressure drop, so minimising noise levels.

All models feature cartridge construction, fully serviceable strainer and female BSP connections for ease of installation and maintenance.

Product Range

PRED 310 100 1/2" 312 Adjustable PRV

PRED 310 400 3/4" 312 Adjustable PRV

PRED 300 003 1" 312 Adjustable PRV

Applications

Suitable for use with hot/cold water, fuel oil, compressed air, neutral gases and neutral non-sticking liquids.

Performance

	Max.Flow Rate (l/M)
PRED 310 100	23
PRED 310 400	69
PRED 300 003	69

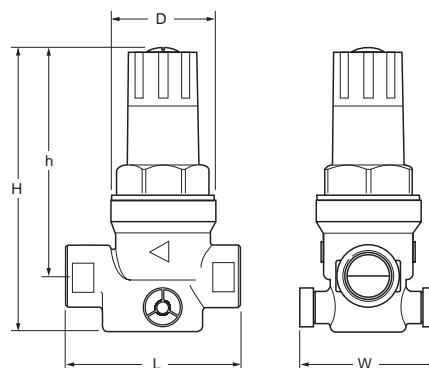
Materials

Body:	Stamped DZR brass (1/2") Cast gunmetal (3/4" & 1")
Internal brass components:	DZR brass
Seals:	NBR elastomer
Spring:	Zinc plated spring steel
Strainer:	Stainless steel
Diaphragm:	NBR elastomer nylon mesh
Cover:	Glass filled nylon polymer

Standards

WRC Certificate Nos.: 1/2" 9602022, 3/4" 9602021, 1" 9602020

Dimensions



ØA	L	D	H	h	W
1/2"	70	38	109	95.5	64
3/4"	90	54	144	115.5	70
1"	100	63	129	98	74

All dimensions are in mm

Specifications

Test pressure:	25 bar (body only)
Working pressure:	16 bar max.
Adjustable set pressure range:	0.5 - 5.0 bar (1.5 - 6 bar for 1")
Pressure reduction ratio:	10:1 max.
Working temperature:	40°C (60°C max.) (1" model = 40°C max.)
Max. temperature:	95°C for 1 hr (materials only)

How to Specify

WRc listed, female threaded pressure reducing valve with full flow strainer and all working components contained in a cartridge form, with two downstream test points, one either side (select appropriate range code).

Guarantee

All Reliance products undergo strict performance tests prior to despatch, and are guaranteed against faulty materials and workmanship for one year from date of purchase. This is in addition to any statutory rights.

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