



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

Steam Pressure Reducing Valve – Direct Acting – **Stainless Steel** DPV-S30

Features:

Size 1/2" to 1" (DN 15 to DN25) BSPT

Body 304 Stainless Steel

Application Steam

Inlet Pressure Range 2 Bar to 16 Bar

Outlet Pressure Range 0.5 to 10 Bar

Temperature 0°C to 220°C

These direct acting units operate with the bellows sensing downstream pressures which expand and contract with those pressure changes. This movement is transferred to the spring opening or closing the main valve thus keeping the downstream at the set level. With only 3 main parts they are simplistic, compact, robust and functional. Internally there is a 60 mesh element protecting the operation.



Application	Steam
Type	Direct Acting
Inlet Pressure	2 to 16 Bar
Reduced Pressure	0.5 to 10 Bar
Connection	BSPT
Operator	Vented reinforced nylon for safety
Minimum Differential Pressure	0.5 Bar
Maximum Pressure Reduction Ratio	10:1
Temperature	0 to 210°C
Valve body	Stainless Steel
Valve trim	Stainless Steel
Disc	Stainless Steel
Bellows	316 Stainless Steel

Dimensions MM

Size	L	H1	H2	W	Weight (kg)
15(½")	80	137	46	65	1.4
20(¾")	90				1.6
25(1")	105	144	58		1.9

When selecting any pressure reducing valve VCS recommended a 10% safety factor is added on to the manufacturer's base capacities.

These units are ideal for steam branch lines with small to medium flow rates protecting small equipment such as sterilizers, food machinery, laundry equipment.

The upgrade to stainless bodies and trim allows for many years service over the old bronze units.

- No tools required to adjust the setting, just rotate the cap to the determined point.
- Body has been upgraded from bronze and is now standard 304 Stainless. Stainless is preferred in food and beverage, medical and laundry industries. Stainless also extends the service life.

