



PRESSURE REDUCING VALVE

15MM - 25MM



SAFEGUARDS WATER HEATERS AND DOMESTIC SYSTEMS

FUNCTION AND FEATURES

- | | |
|---|--|
| ■ Compact design | ■ Makes pressure limiting valves redundant |
| ■ Easily adjustable 100 - 600kPa | ■ Gauge port standard (inline model) |
| ■ Superior flow rate | ■ Inbuilt Strainer |
| ■ Available in high temperature version | ■ Replaceable cartridge |
| ■ Factory set at 500kPa | ■ 'H' version rated to 80°C and 2,000kpa |

PRODUCT SPECIFICATIONS

Pressure reducing valves are a valuable asset to any piping system. Many people are under the misapprehension that more pressure is better when, in fact, it is often the reverse. Too much pressure in a system puts unnecessary strain on water heaters, plumbing joints, taps, washers, etc, increasing the chance of leaks, burst hoses on washing machines and other appliances and adding greatly to water hammer problems.


The Caleffi 5335 series pressure reducing valve is fully adjustable between 100 - 600kPa and allows for easy adjustment to an optimum pressure. A pressure gauge can be fitted into the gauge port for accurate setting. The valve comes factory set at 500kPa, the most common pressure setting required for domestic systems. With all the advantages of the Caleffi 5335 series adjustable pressure reducing valves, using pressure limiting valves will soon become outdated.

The Caleffi 5335/H is available in both standard and high temperature versions. Alternatively, the Caleffi 535 series "dial-up" pressure reducing valve range is available from 15mm to 50mm.

STANDARD

CODE	CONN.
533545	15mm
533555	20mm
533545H	15mm
533555H	20mm
533565H	25mm


* 'H' denotes high temp & high pressure version



DUAL OUTLET

CODE	CONN.
533550	20mm
533550H	20mm

* 'H' denotes high temp & high pressure version



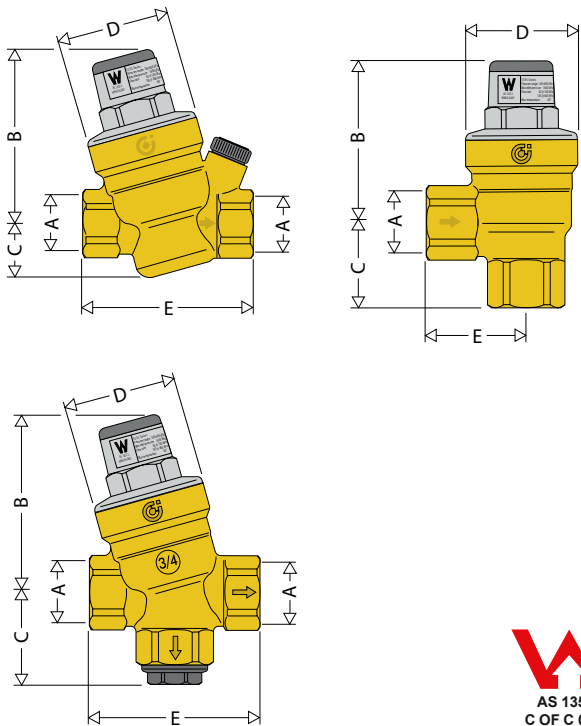
RIGHT ANGLE

CODE	CONN.
533551H	20mm

* 'H' denotes high temp & high pressure version

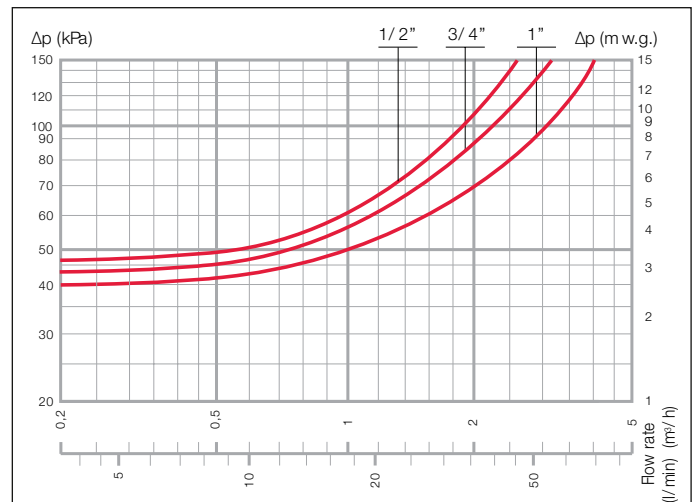


DIAGRAM



CODE	533545/H	533555/H	533565H	533550/H	53351H
A	15mm	20mm	25mm	20mm	20mm
B	74.5	74.5	74.5	74.5	67
C	22	22	23	50	46
D	Ø 46	Ø 46	Ø 46	Ø 46	Ø 46
E	79	84.5	95	82.5	43
Weight(kg)	0.45	0.46	0.54	0.49	0.49

PRESSURE LOSS CHART



TECHNICAL SPECIFICATIONS

PRESSURE RANGE	100 - 600kPa (500kPa - 533551H)
FACTORY SET	500kPa
MAX. INLET PRESSURE	1600kPa (standard) / 2000kPa ('H')
MAX. TEMPERATURE	60°C (standard) / 80°C ('H')
MEDIA	Water / Air
OPTIONAL PRESSURE GAUGE	0 - 1000kPa
GAUGE PORT SIZE	8mm



All Valve
INDUSTRIES

170913-00