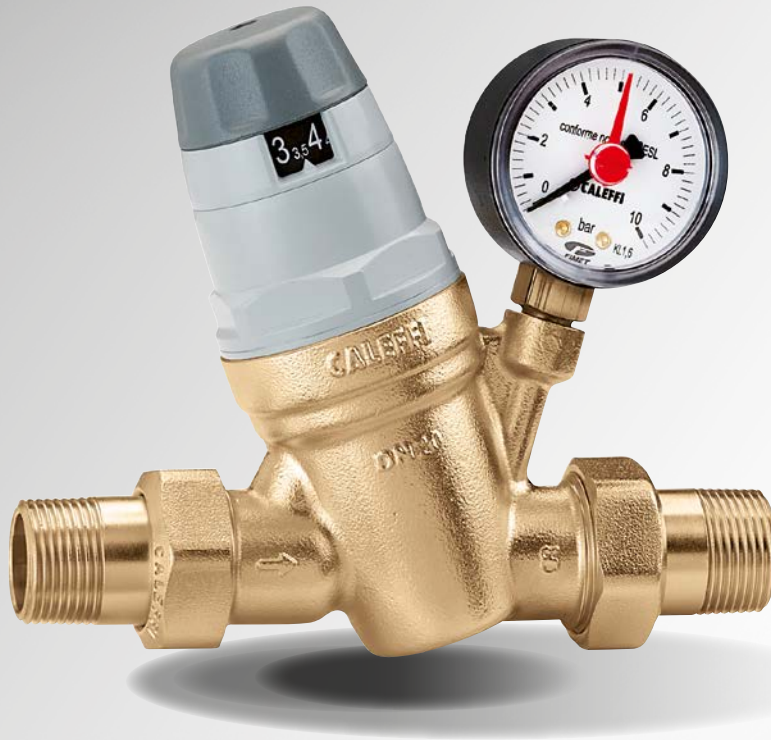




PRESSURE REDUCING VALVE

15MM - 50MM



SAFEGUARDS COMMERCIAL AND HIGH RISE BUILDINGS

FUNCTION AND FEATURES

-
- Compact design
 - Easily adjustable 100 - 600kPa
 - High flow rate
 - Dial-up adjustment
 - Union ends standard
 - Max 2,500kPa inlet pressure
 - Gauge port standard (optional gauge)
 - Inbuilt Strainer
 - Replaceable cartridge
-

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, etc, and adding greatly to water hammer problems.

The 535 has a maximum inlet pressure of 2500kPa and is adjustable between 100 and 600kPa. The valve comes pre-set at 300kPa but is easily changed to your desired pressure setting by turning the adjustment knob on the top of the valve. Once the required pressure is 'dialed-up', the adjustment knob can be locked by tightening the screw located in the centre of the knob. A gauge port is standard on the body of the valve so that a gauge can be fitted to monitor the downstream pressure.

For ease of inspection and maintenance, a removable internal cartridge and strainer, containing all the regulating components, can be accessed through the top of the valve.

PRESSURE REDUCING VALVE



CODE	SIZE
535040	15mm
535050	20mm
535060	25mm
535070	32mm
535080	40mm
535090	50mm

WARNING

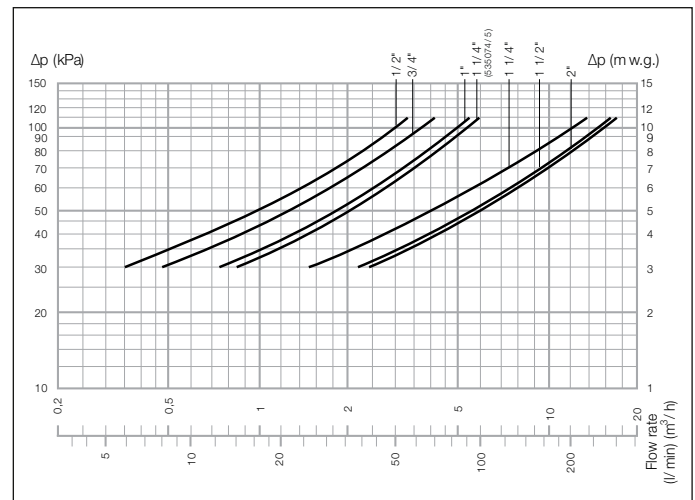
If it is critical to maintain a precise pressure to protect equipment downstream of the Caleffi 5335 series pressure reducing valve, we recommend the installation of a pressure relief valve.

SPECIFICATIONS

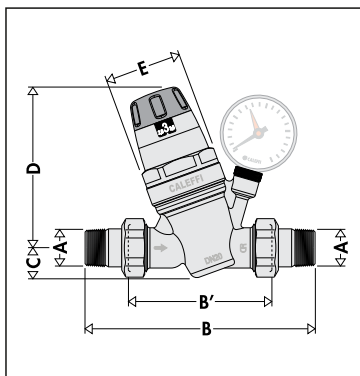
TECHNICAL SPECIFICATIONS

PRESSURE RANGE	100 - 600kPa
FACTORY SET	300kPa
MAX. INLET PRESSURE	2500kPa
MAX. TEMPERATURE	60°C
MEDIA	Water / Air
OPTIONAL PRESSURE GAUGE - RANGE	0 - 1000kPa
GAUGE PORT SIZE	8mm

PRESSURE LOSS CHART



DIAGRAM



CODE	535040	535050	535060	535070	535080	535090
A	15mm	20mm	25mm	32mm	40mm	50mm
B	140	160	180	200	220	250
C	20.5	20.5	20.5	40	40	40
D	112	112	112	178	178	178
E	Ø 54	Ø 54	Ø 54	Ø 73	Ø 73	Ø 73
Weight(kg)	0.92	1.06	1.38	2.6	3.4	4.3



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