



MICRO PRESSURE REDUCING VALVE

10MM

CALEFFI
Hydronic Solutions



AS 1357.2
WMKA02467



PRESSURE CONTROL FOR SPECIAL APPLICATIONS

FUNCTION AND FEATURES

■ **Designed for special applications**

Water fountains, beverage dispensers, coffee machines, etc.

■ **Suitable for hot and cold water**

The micro pressure reducing valve is rated to 80°C - suitable for most domestic water applications

■ **Accurate control**

Control pressure accurately in low flow applications

■ **Extremely Compact**

The micro PRV is approx. 30% smaller and half the weight of the standard 5335 compact PRV.

PRODUCT SPECIFICATIONS

Pressure reducing valves are devices which, when installed on private water systems, reduce the pressure entering from the public mains.

The typical applications of these micro pressure reducing valves are water and drink dispensers and coffee machines.

The Caleffi 533430H series meets the requirements of "AS 1357.2:2005 Valves primarily for use in warm and hot water systems - P. 2: Control valves".

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.

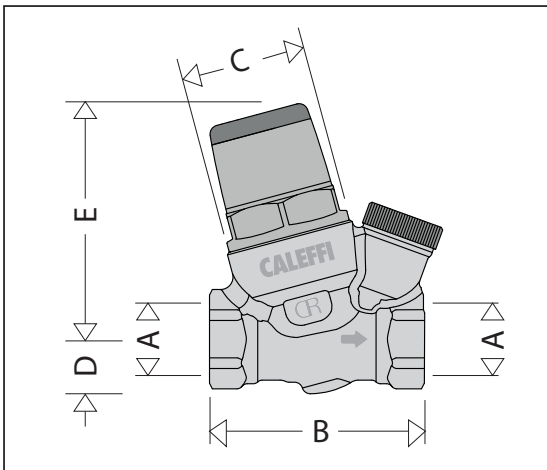
TECHNICAL SPECIFICATIONS

PRESSURE RANGE	80 - 400kPa
FACTORY SET	300kPa
MAX. INLET PRESSURE	1,600kPa
MAX. TEMPERATURE	80°C
MEDIA	Water
OPTIONAL GAUGE - RANGE	0 - 10 bar
GAUGE PORT SIZE	8mm
MAX SUGGESTED FLOW RATE	6 l/min

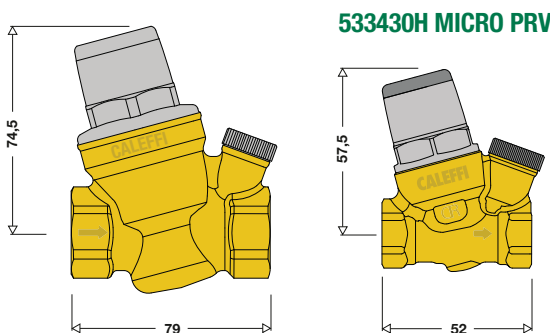
WHAT IS THE DESIRED REDUCED DOWNSTREAM PRESSURE?

Optimal performance is achieved at a 2:1 ratio, and a maximum of no more than 3:1. Example: 600kPa supply pressure, 300kPa static downstream pressure. 300kPa is the default factory setting. Where large pressure drops are required where inlet pressures are likely to exceed 1,000 kPa, this may be achieved through staged pressure reduction measures.

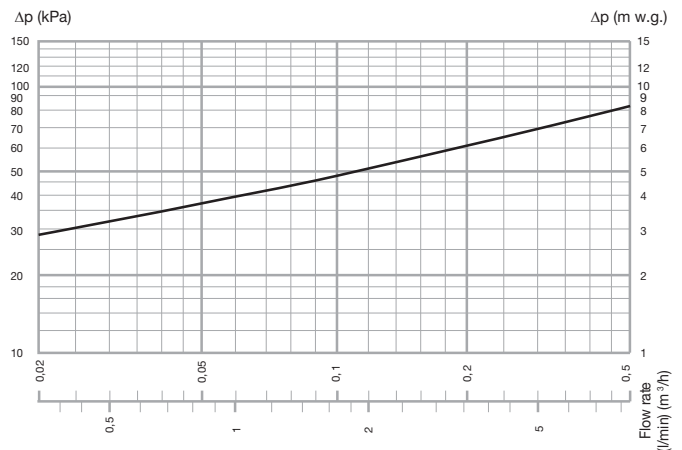
DIAGRAM



CODE	533430H
A	3/8" (10mm)
B	52
C	32
D	14
E	57.5

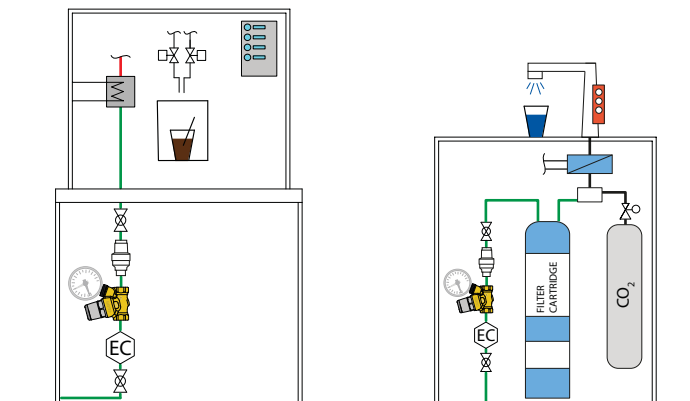


PRESSURE LOSS CHART



This chart shows curves at a 800kPa inlet pressure and 300kPa set pressure.

APPLICATION



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