





REDUCED PRESSURE ZONE VALVE



-  Bronze body construction for durability.
-  Compact space saving device.
-  Large body passages provide low pressure drop.
-  Prevents backflow due to backsiphonage or back pressure

OVERVIEW

The Reduced Pressure Zone Backflow Preventer is designed to protect potable water supplies in accordance with national plumbing regulations and water company requirements. It can be used in a variety of installations, including the prevention of high hazard cross connections in piping systems (up to fluid category 4 of the water regulations) or for containment at the service line entrance. This model features two inline, independent check valves, captured springs and replaceable check seats with an intermediate relief valve. Its compact modular design facilitates easy installation, maintenance and testing.

MATERIALS

- Bronze body construction.
- Rubber disc material in the first and second check, plus the relief valve.
- Replaceable polymer check seats for first & second checks.
- Removable stainless steel relief valve seat.
- Stainless steel cover bolts.

PRESSURE - TEMPERATURE

- The RPZ is suitable for supply pressure up to 175psi (12 bars)
- Water Temperature: Minimum 1 °c. Maximum: 80 °c

TYPICAL APPLICATIONS

Reduced Pressure Zone Backflow Preventers are particularly suitable for industrial and commercial applications. However they can also be used, within the scope of their specification, for supplies to buildings.

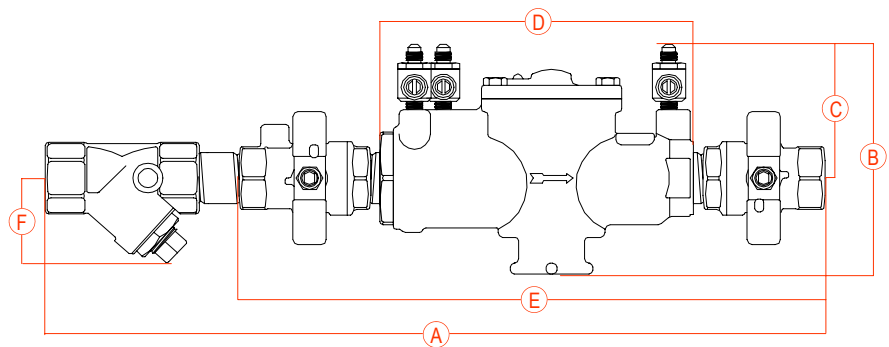
The following are some typical uses:

- Chemical admixture plant
- Chemical cleaning plant
- Electroplating baths

- Hot water boilers
- Automatic pressure boilers

Reduced Pressure Zone Backflow Preventers are suitable for supply pressure up to 175 psi (12 bars).

- Water Temperature:
- Minimum: 1 Degree Centigrade
- Maximum: 80 Degree's Centigrade.



Size (BSP)	DIMENSIONS						Width		Weight
	A	B	C	D	E	F	Inch	mm	Kg
1/2"	330	117	62	127	254	76	5	127	2.6
3/4"	413	127	95	159	298	70	6 1/4	159	3.2
1"	571	140	79	210	425	79	8 1/4	210	7
1 1/4"	591	151	91	318	441	79	12 1/2	318	9.2
1 1/2"	622	151	91	318	441	95	12 1/2	318	9.2
2"	740	197	108	318	543	102	12 1/2	318	16.3

Flow Mech Products are Accredited Testers



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