



REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER COMMERCIAL MODEL

RPZV255000	1/2" MBSP, with isolators
RPZV255005	3/4" MBSP, with isolators
RPZV255010	1" MBSP, with isolators
RPZV255015	1 1/4" MBSP, with isolators
RPZV255020	1 1/2" MBSP, with isolators
RPZV255025	2" MBSP, with isolators

OVERVIEW

Verifiable backflow preventer with reduced pressure zone for protection against back pressure and back siphonage up to fluid category 4.



WATER CONTROLS FOR A MODERN WORLD

RELIANCE

TEMPERATURE CONTROL

FLOW CONTROL

HEATING SYSTEM COMPONENTS

WASHROOM SYSTEMS

HEATING & COOLING DISTRIBUTION SYSTEMS

PLUMBING SYSTEMS

REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER COMMERCIAL MODEL

FEATURES AND BENEFITS

- Protects against back pressure and back-siphonage
- Suitable for use to protect against up to class 4 contamination risks
- Easy maintenance: all serviceable components can be accessed easily
- Large internal flow pathways, so minimal pressure drop
- Easily serviced integral stainless steel strainer
- Integral tundish for waste connection
- Mounting position is horizontal, with tundish facing downwards

MATERIALS

Body:	Cast bronze
O-rings:	EPDM
Washers:	EPDM
Spring:	Stainless steel
Strainer:	Stainless steel

STANDARDS AND APPROVALS

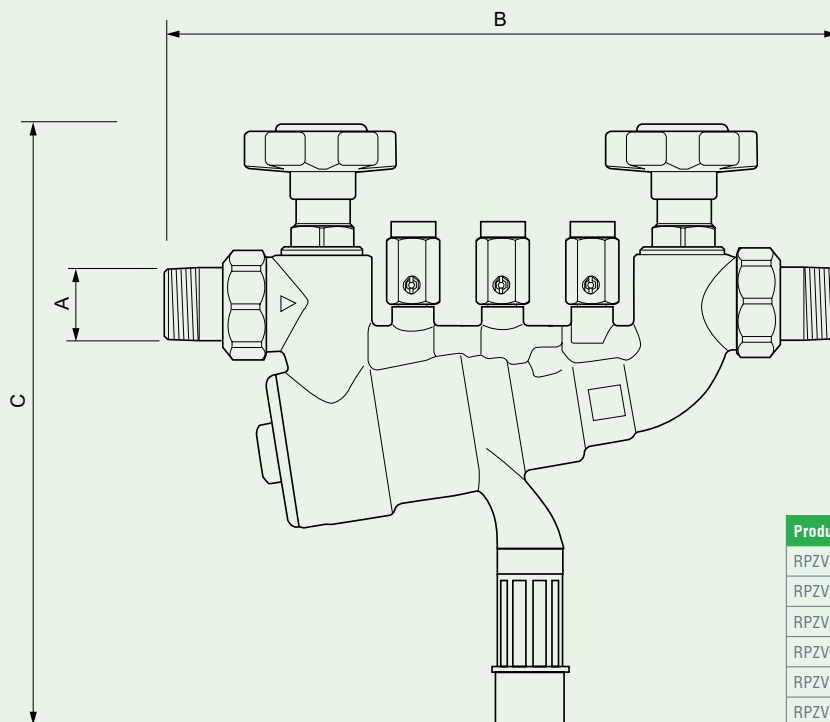
- WRAS Approved

SPECIFICATIONS

Maximum working pressure:	10.0 bar
Maximum working temperature:	30°C
Fluid:	Potable water
Flow rate capacity:	
DN15 (1/2"):	1.8m ³ /h at 1.5 bar
DN20 (3/4"):	4.1m ³ /h at 1.5 bar
DN25 (1"):	5.7m ³ /h at 1.5 bar
DN32 (1 1/4"):	8.0m ³ /h at 1.5 bar
DN40 (1 1/2"):	13.0m ³ /h at 1.5 bar
DN50 (2"):	21.2m ³ /h at 1.5 bar
Mounting position:	Horizontal, tundish facing downwards

DIMENSIONS

All dimensions in mm unless otherwise stated.



Product Code	A	B	C
RPZV255000	1/2"	223mm	188mm
RPZV255005	3/4"	293mm	245mm
RPZV255010	1"	301mm	268mm
RPZV255015	1 1/4"	432mm	359mm
RPZV255020	1 1/2"	436mm	359mm
RPZV255025	2"	454mm	359mm