

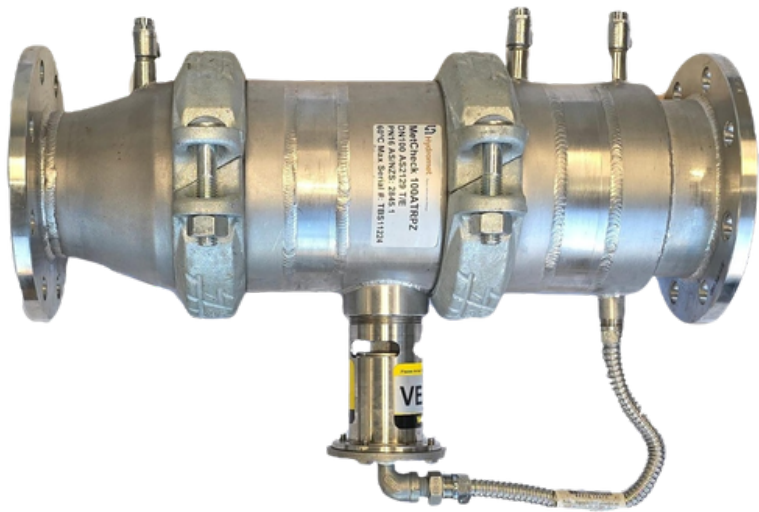
MetCheck RPZ Valve Industrial Stainless 316 Grade Flanged

SPEC SHEET

PRODUCT CODE: As below

KEY FEATURES

- Reduced pressure zone device suitable for High and Medium hazard-rated applications.
- 316 Stainless Steel Body for superior Corrosion Resistance.
- Designed & Manufactured in accordance with AS/NZS 2845.1.
- Australian Made and Manufactured
- Every valve is tested and tracked using unique serial numbers.
- For Horizontal installations only.
- Coupling design allows for easy servicing.
- General Application: The MetCheck RPZ valve safeguards potable water from contamination by preventing back siphonage and backpressure. It is ideal for use in high and medium-hazard applications and is designed for reliability. It also ensures compliance with stringent water safety standards.
- Technical Data:
- Size Range: DN65 – DN150
- Temperature Rating: 1°C to 60°C
- Working Pressure: PN16
- Flanged Connections: AS4087 PN16 & AS2129 Table E
- Custom lengths can be fabricated.



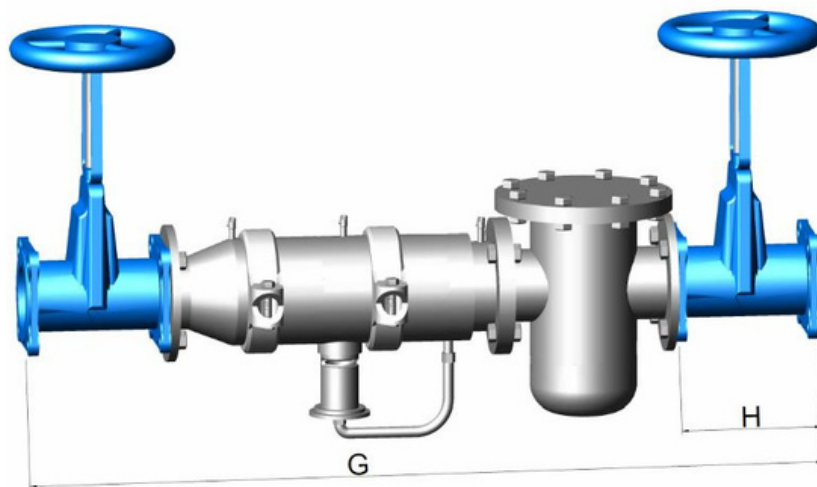
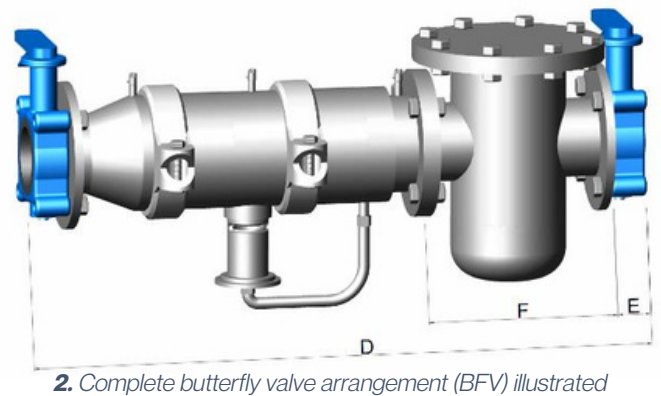
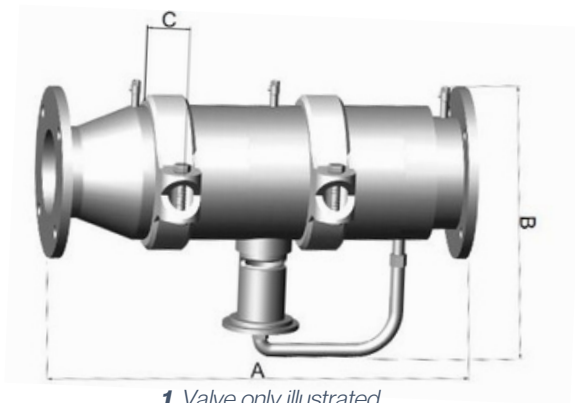
Size	65mm	80mm	100mm	150mm
Table D	MC-065-ATRPZ-T/D-E	MC-080-ATRPZ-T/D-E	MC-100-ATRPZ-T/D	MC-150-ATRPZ-T/D
Table E	MC-065-ATRPZ-T/D-E	MC-080-ATRPZ-T/D-E	MC-100-ATRPZ-T/E	MC-150-ATRPZ-T/E



SCAN HERE TO
FIND OUT MORE

MetCheck RPZ Valve Dimensions

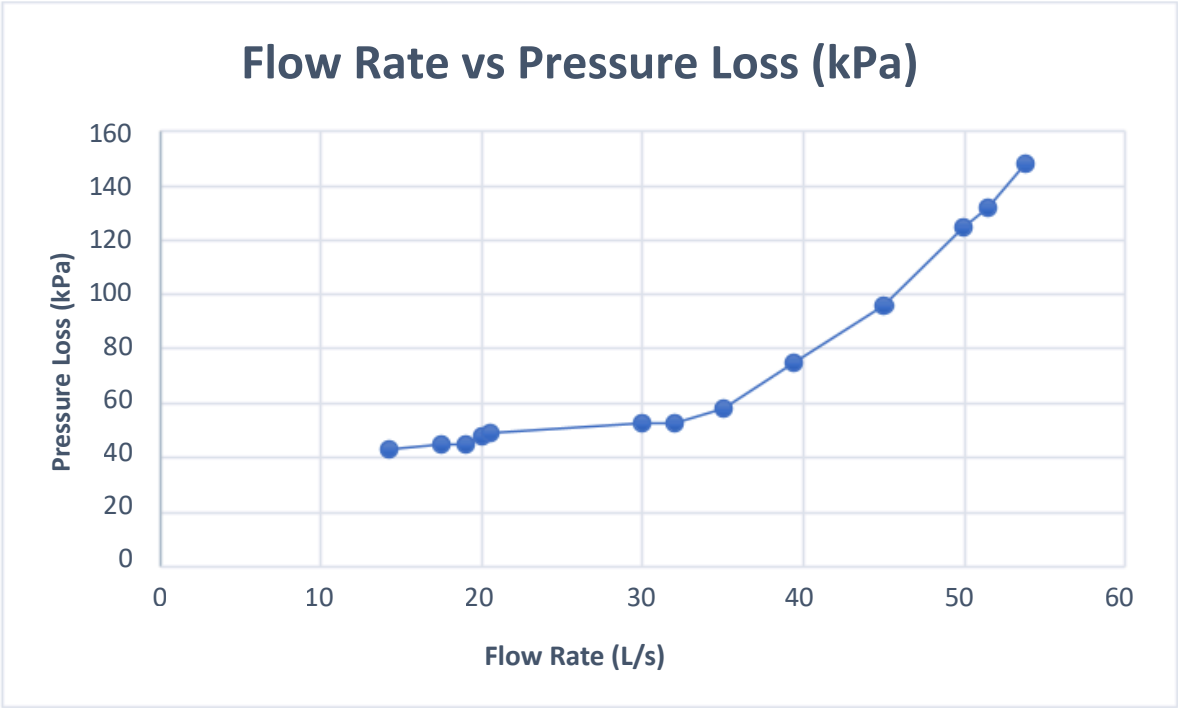
Valve Size (DN)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
65	535	475	280	828	45	200	1124	190
80	535	475	280	828	45	200	1147	203
100	150	535	475	280	902	52	1262	229
150	685	920	420	1180	56	380	1608	267



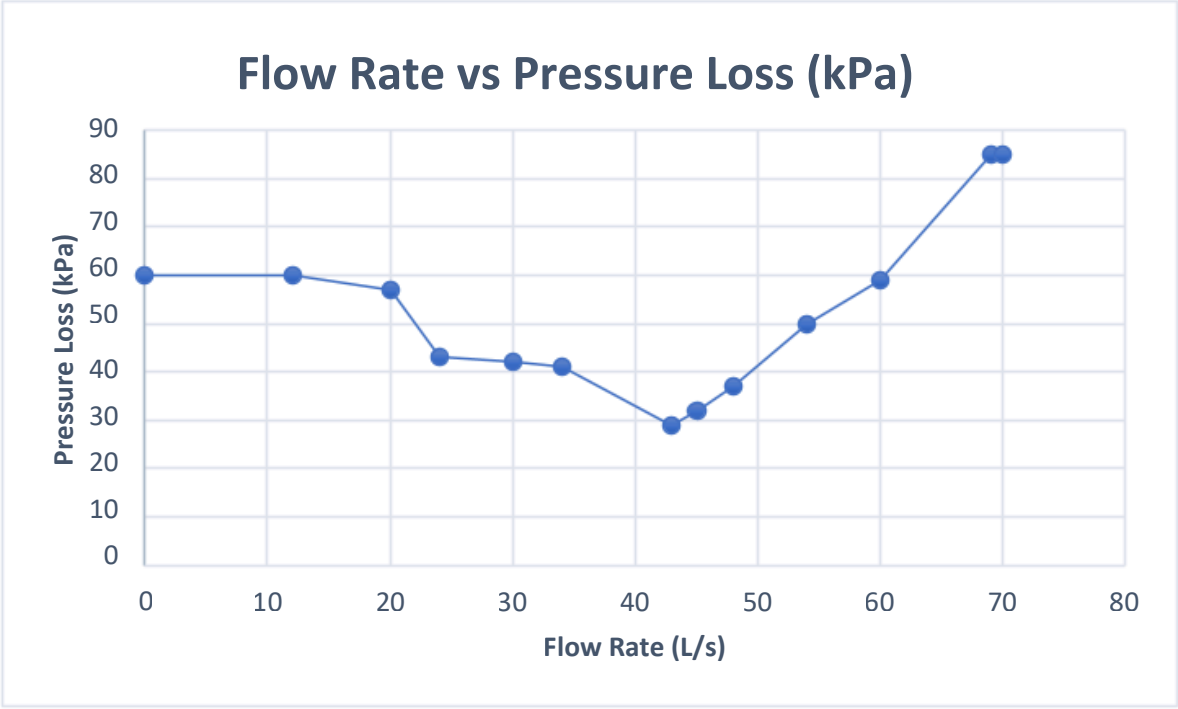
MetCheck RPZ Valve Flow Table

Typical Flow Characteristic Graphs

DN100



DN150



MetCheck Backflow Installation and Maintenance

Model: MetCheckRPZ

Installation Instructions:

- MetCheck & MiniMet Valves to be installed by a licensed plumber. Appropriate PPE (Personal Protection Equipment), should be worn by those installing. All site risk assessments should be carried out before attempting to install.
- Installation should be carried out in accordance with AS3500.1, the plumbing and drainage code.
- The MetCheck & MiniMet should be installed in accordance with the direction of flow arrow, relative to the direction of flow of the water. All end connection bolts should be tightened appropriately to overcome leaks.
- Minimum clearance: 300mm.
- Minimum Clearance from the Bottom of the valve. Isolation valves should be installed immediately upstream and downstream of MetCheck's and MiniMet's.
- Strainers are not normally used in main pipelines for fire situations. Dual-use fire and domestic installs may have an option inline strainer to protect the check valve componentry.
- High-hazard installs require the use of an inline strainer to protect the check valve componentry. This is to be installed before the RPZ device and after the upstream isolation valve.

Installation Notes:

- MetCheck & MiniMet Valves should be installed by a licensed plumber, with a license endorsed for backflow prevention.
- Commissioning and testing should be conducted in accordance with AS2845.3- 2010 Backflow Prevention Devices Field Test.
- Commissioning should be carried out after installation and prior to allowing normal water flow through the valve for consumption use.

Maintenance Instructions:

- MetCheck & MiniMet Valves should be maintained by a licensed plumber, with a license endorsed for backflow prevention.
- Any commissioning and testing after maintenance, should be conducted in accordance with AS2845.3- 2010, by a licensed plumber
- Maintenance is based upon the need for maintenance determined by the annual testing standards as per AS2845.3- 2010.
- If the main check valve does not meet the minimum test requirements as per AS2845.3- 2010, then the fault should be found and rectified.

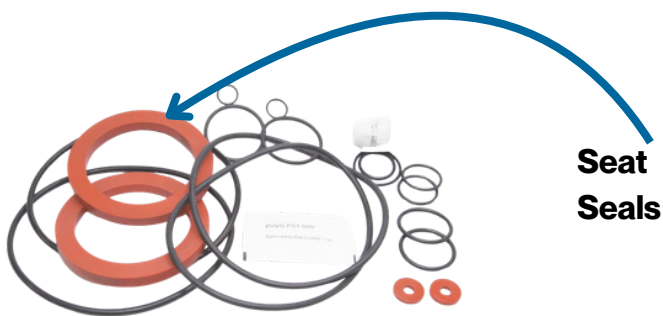
MetCheck RPZ & DCV Easy Check Servicing

Remove the lock nuts and the retaining plate on the back of the module.

**** Do not remove any hardware from the spring side of the module.**

Separate the disc retainer from the module.

Flip or replace the rubber seal.



The check seat is part of the check module and can not be removed.

If the seat is damaged, the complete check module will need to be replaced.

Reassemble check modules in reverse order.

Do not over tighten the lock nuts.

