MAGFLO™

Backflow Preventers

Reduced Pressure Zone Device

MAGFLO™ Reduced Pressure Zone Devices deliver maximum protection to the potable water supply from contaminations in 'High Hazard' conditions. It prevents against reversal of flow caused by back siphonage or back pressure to the potable water. Designed with ease of access in mind and with very few spare parts needed, the modular design makes MAGFLO™ Reduced Pressure Zone Devices the easiest and quickest valve to perform your mandatory yearly testing.

Materials	
Valve body	Ductile Iron
Access cover	Ductile Iron
Polymers	Noryl™, NSF Listed
Elastomers	Silicone
Springs	Stainless Steel
Coatings	FDA Approved Fusion Epoxy

Device Connections		
Size (mm)	Flanged	Grooved
65	Table D	N/A
80	Table D	N/A
100	Table E	114.3
150	Table E	165.1
200	Table E	N/A

Technical Specs	
Maximum working water pressure	1200kPa
Maximum working water temperature	60°C
Hydrostatic test pressure	2400kPa
Max. relief discharge rates 65-150mm RPZ	76 lpm
Max. relief discharge rates 200mm RPZ	228 lpm
Lay length of 65mm Flanged device	510mm
Lay length of 80mm Flanged device	510mm
Lay length of 100mm Flanged device	535mm
Lay length of 100mm Grooved device	500mm
Lay length of 150mm Flanged device	665mm
Lay length of 150mm Grooved device	620mm
Lay length of 200mm Flanged device	1000mm

Applications

- Protects against backflow caused by back siphonage and back pressure
- For installation on potable water lines in **High Hazard** environments
- Maximum protection in **High Hazard** conditions, i.e., Medical and Mortuary Facilities, Abattoirs, Chemical Plants, Commercial Car Washing or Laundry Facilities, Universities, or Sewage Treatment Plants and Sewage Lift Stations.

Features and Benefits

- Size options: 65mm, 80mm, 100mm, 150mm, and 200mm
- Grooved and flanged connections *(see Device Connections Table)*
- Fusion bonded epoxy coated ductile iron construction
- Low head loss
- Short lay lengths suitable for retrofitting to other brands
- Vertical or horizontal installations
- Relief valve port independent of check valves
- Top access entry for servicing
- Entire valve can be fully serviced inline
- Noryl™ replacement check valves
- Fewer parts needed – save money
- Servicing ability and commissioning is easy, simple and cost effective
- 12-month limited warranty

Installation

Install device as per AS3500 and any local applicable codes and manufacturer's instructions. Unless otherwise specified, install device at a minimum of 300mm above adequate drain with sufficient clearance for testing and maintenance.

Disclaimer: Specification subject to change without prior notice

Lead Free
AS/NZS 2845.1
WM-040347

(03) 9399 8444
sales@magspp.com.au
www.magspp.com.au

MAG
SPECIALISED PLUMBING PRODUCTS

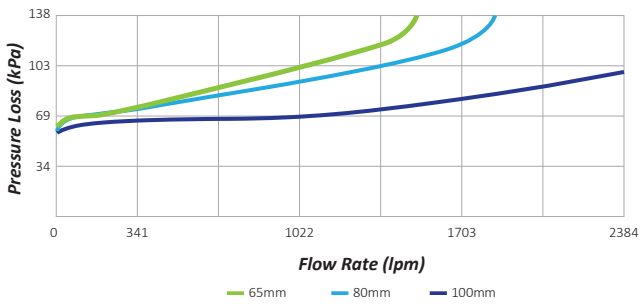
Reduced Pressure Zone Devices

Flanged or Grooved

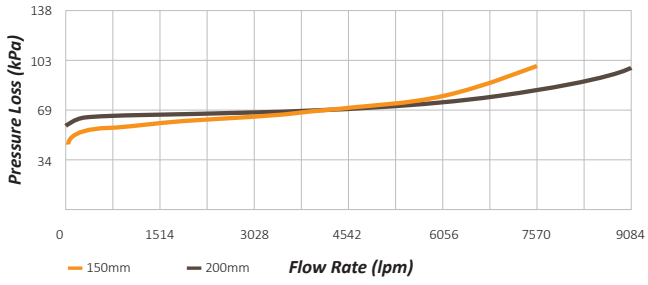
Double Check Valve

Description	Dimensions (mm)					Device Connections		Product Code	
	Size	Device Only - Flanged	Device Only - Grooved	Strainer	Device + Strainer + 2 Butterfly Valves	Flanged	Grooved	Device only - Flanged	Device only - Grooved
65mm DCV	65	510	—	TBA	TBA	Table D	N/A	MF9265/F	—
80mm DCV	80	510	—	TBA	TBA	Table D	N/A	MF9280/F	—
100mm DCV	100	535	500	TBA	TBA	Table E	114.3	MF92100/F	MF92100/G
150mm DCV	150	665	620	TBA	TBA	Table E	165.1	MF92150/F	MF92150/G
200mm DCV	200	1000	—	TBA	TBA	Table E	N/A	MF92200/F	—

Flow Characteristics of 65 - 100mm Reduced Pressure Zone Devices



Flow Characteristics of 150mm and 200mm Reduced Pressure Zone Devices



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