MAGFLO™

Backflow Preventers

Double Check Valve

MAGFLO™ Double Check Valves deliver maximum protection in 'Medium Hazard' backflow 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™ valves 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
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

- For installation on potable water lines and fire service lines
- Protects against backflow caused by back siphonage and back pressure
- Maximum protection in **Medium Hazard** conditions

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
- Top access entry for servicing
- Entire valve can be fully serviced inline
- Noryl™ replacement check valve
- 12-month limited warranty

Installation

Install device as per AS3500 and any local applicable codes and manufacturer's instructions.

Lead Free
AS/NZS 2845.1
WM-040347

Disclaimer: Specification subject to change without prior notice

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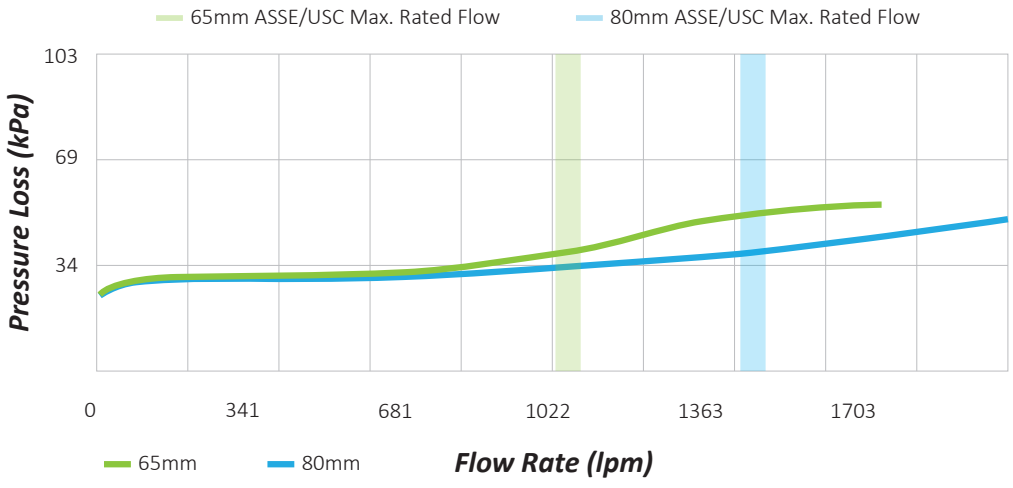
MAG
SPECIALISED PLUMBING PRODUCTS

Double Check Valve - 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	MF9165/F	—
80mm DCV	80	510	—	TBA	TBA	Table D	N/A	MF9180/F	—
100mm DCV	100	535	500	TBA	TBA	Table E	114.3	MF91100/F	MF91100/G
150mm DCV	150	665	620	TBA	TBA	Table E	165.1	MF91150/F	MF91150/G
200mm DCV	200	1000	—	TBA	TBA	Table E	N/A	MF91200/F	—

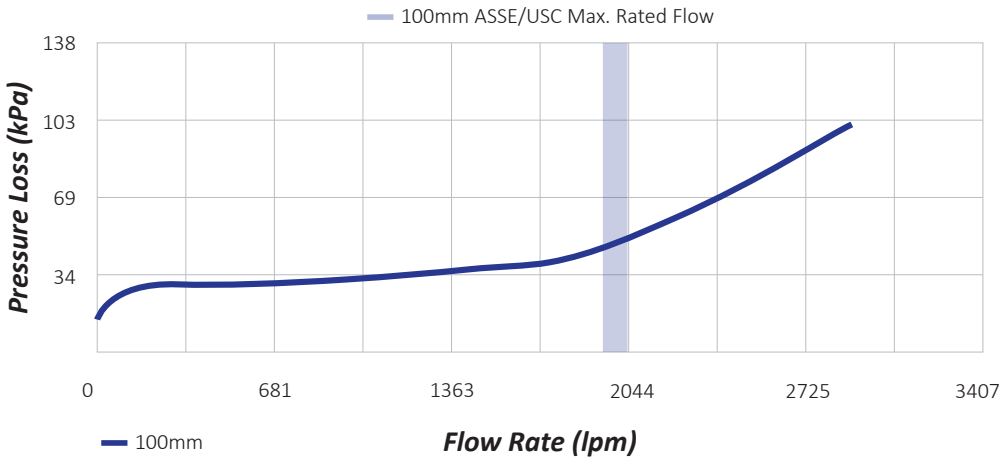
Flow Characteristics of 65mm and 80mm Double Check Valve



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Double Check Valve - Flanged or Grooved

Flow Characteristics of 100mm Double Check Valve



Flow Characteristics of 150mm Double Check Valve

