MAGFLO™

Backflow Preventers

Double Detector Check Valve

MAGFLO™ Double Detector Check Valves Backflow Preventer delivers maximum protection in 'Medium Hazard' conditions in fire service system and prevents against reversal of flow caused by back siphonage or back pressure to the potable water, with installation of the spacer or metered by-pass assembly for detecting low flow and unauthorised water use or leaks.

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

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

Applications

- For installation on fire service lines
- Protects against backflow caused by back siphonage and back pressure
- Maximum protection in **Medium Hazard** conditions in fire service systems
- Metered by-pass to detect low flow conditions and for unauthorised water use or leaks

Features and Benefits

- Size options: 65mm, 80mm, 100mm and 150mm
- Flanged and Grooved connections *(see Device Connections Table)*
- Available with 20mm metered or 25mm spacer by-pass
- Copper bends and copper olive fittings for rotable position of by-pass
- Fusion bonded epoxy coated ductile iron construction
- 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 - lightweight short lay length modular design
- 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 Detector Check Valve

Flanged or Grooved



DDCV150/WMBP - Grooved

Double Detector Check Valve with Metered By-Pass

Size (mm)	Description	Product Code
65	With 20mm Metered By-Pass	DDCV65/WMBP
80	With 20mm Metered By-Pass	DDCV80/WMBP
100	With 20mm Metered By-Pass	DDCV100/WMBP
150	With 20mm Metered By-Pass	DDCV150/WMBP

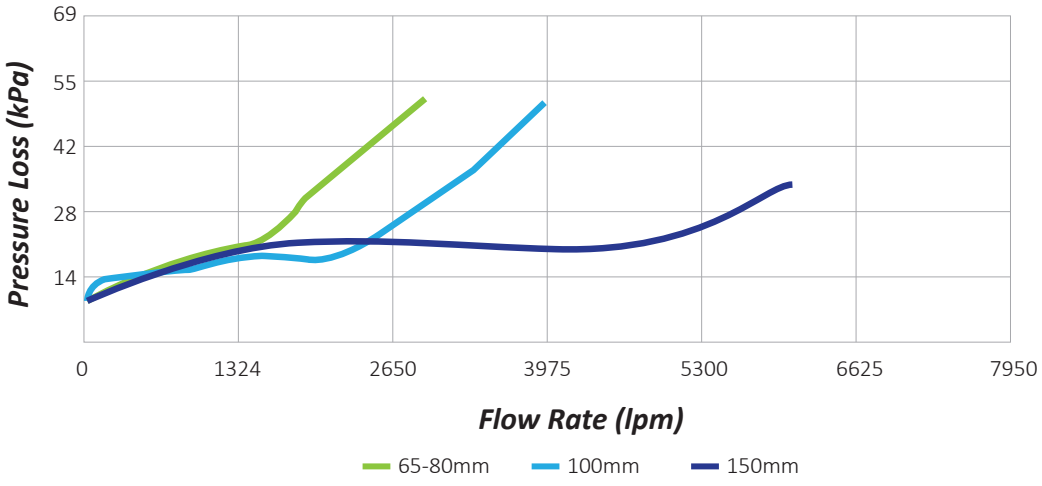


DDCV100/WMBP - Flanged

Double Detector Check Valve with Spacer By-Pass

Size (mm)	Description	Product Code
65	With 25mm Spacer By-Pass	DDCV65/WSBP
80	With 25mm Spacer By-Pass	DDCV80/WSBP
100	With 25mm Spacer By-Pass	DDCV100/WSBP
150	With 25mm Spacer By-Pass	DDCV150/WSBP

Flow Characteristics of 65mm, 80mm, 100mm and 150mm Double Detector Check Valve



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