MAGFLO™

Backflow Preventers

# Single Check and Single Detector Check

*MAGFLO™ Single Check and Single Detector Check Backflow Preventer delivers maximum protection in 'Low 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 |
| 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 100mm Flanged device | 430mm |
| Lay length of 100mm Grooved device | 405mm |
| Lay length of 150mm Flanged device | 505mm |
| Lay length of 150mm Grooved device | 460mm |

## Applications

- For installation on fire service lines
- Protects against backflow caused by back siphonage and back pressure
- Maximum protection in **Low 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: 100mm and 150mm
- Flanged and Grooved connections
- Available with 20mm or 25mm metered or spacer 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

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

MAG
SPECIALISED PLUMBING PRODUCTS

## Single Check and Single Detector Check

## Flanged or Grooved



*STCV150 - Grooved*



*SDC100/WSBP - Grooved*

### *Single Testable Check Valve*

| Size (mm) | Description | Product Code |
|---|---|---|
| 100 | Testable with Test Points | STCV100 |
| 150 | Testable with Test Points | STCV150 |

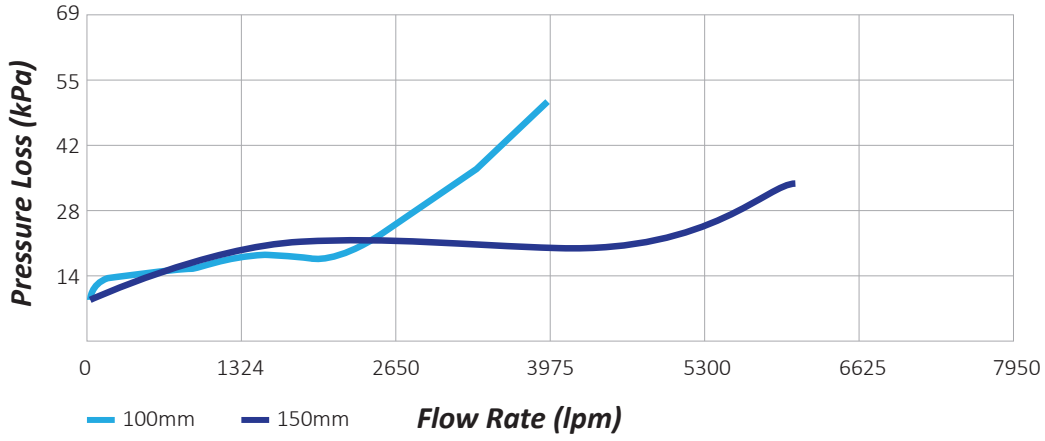
### *Single Detector Check Valve with Metered By-Pass*

| Size (mm) | Description | Product Code |
|---|---|---|
| 100 | With 25mm Metered By-Pass | SDC100/WMBP |
| 150 | With 25mm Metered By-Pass | SDC150/WMBP |

### *Single Detector Check Valve with Spacer By-Pass*

| Size (mm) | Description | Product Code |
|---|---|---|
| 100 | With 25mm Spacer By-Pass | SDC100/WSBP |
| 150 | With 25mm Spacer By-Pass | SDC150/WSBP |

### *Flow Characteristics of 100mm and 150mm Single Check and Single Detector Check Valve*






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