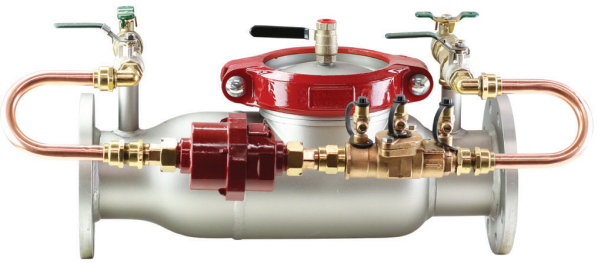
Series 3000SS-AUS

Double Check Detector Assembly

Size: DN65-DN250

The series 3000SS Double Check Detector Assemblies are designed to prevent the reverse flow of polluted water from entering the potable water supply. These models can be applied, where approved by the local authority, for cross connection control in Medium and Low Hazard installations. Series 3000SS feature short end-to-end dimensions, light weight stainless steel body, and low head loss.



Features

- Cam-Check Assembly valve provides low head loss
- Short lay length is ideally suited for retrofit installations
- Stainless Steel body is half the weight of competitive designs reducing installation and shipping cost
- Stainless steel construction provides long term corrosion protection and maximum strength
- Single top access cover with two-bolt grooved style coupling for ease of maintenance
- No special tools required for servicing
- Compact construction allows for smaller vaults and enclosures
- Furnished with 20mm bypass line
- Maybe installed horizontal or vertical “flow up” position

Specification

- Device: AS/NZS 2845.1, ASSE 1048, AWWA C510-92, CSA B64.5, UL 1469
- Connections: AS2129 Table E

Pressure-Temperature

- Temperature Range: 0.5°C – 43°C
- Maximum Working Pressure: PN12 (1200kPa)

Material

Component	Material
Internal Metal Parts	Stainless Steel
Valve Body	Stainless Steel
Check Assembly	Norly®

Norly® is a registered trademark of General Electric Company.

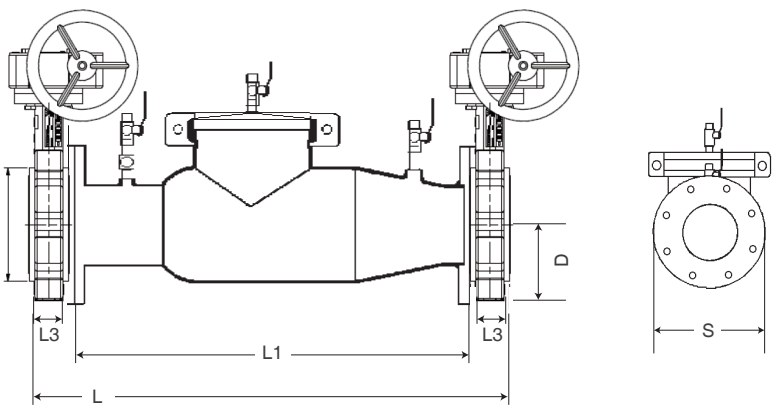
Approvals

- WMKA1527

WaterMark

ISO 9001-2008 CERTIFIED

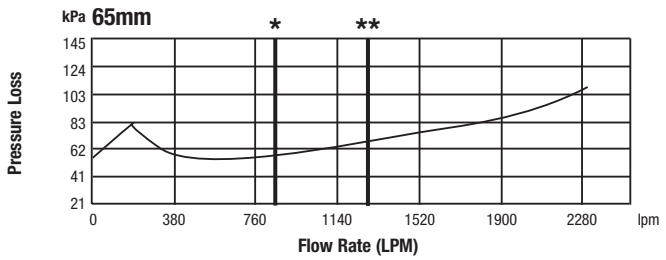
Installation Dimensions

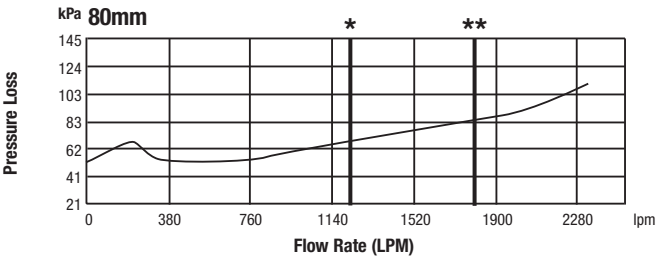


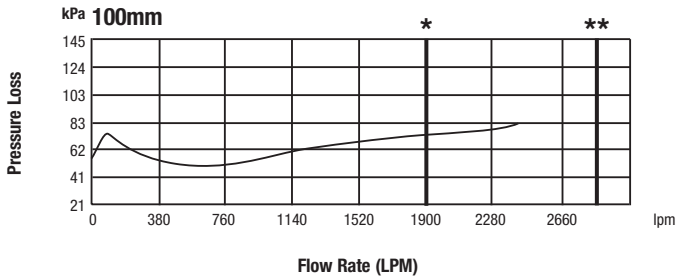
Size	Dimensions					Net Weigh for Device Only kg.
	L	L1	L3	D	S	
mm	mm	mm	mm	mm	mm	
65	651	559	46	89	178	31
80	651	559	46	95	178	32
100	663	559	52	114	229	33
150	811	699	56	140	279	54
200	871	749	61	171	343	82
250	885	749	68	200	406	86

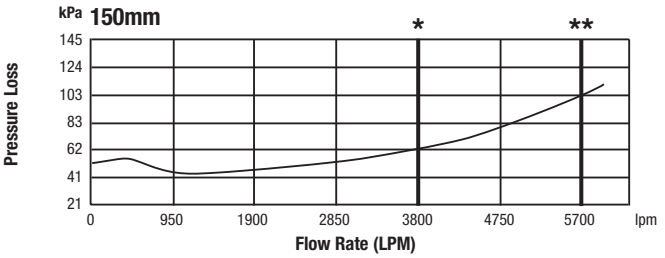
Characteristic Curves

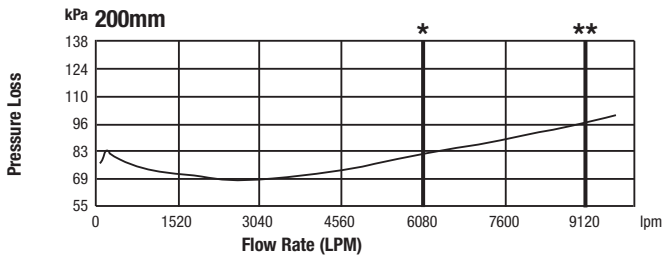
Flow curves as tested by Underwriters Laboratory per UL 1469,1996.
* Rated flow **UL Tested flow

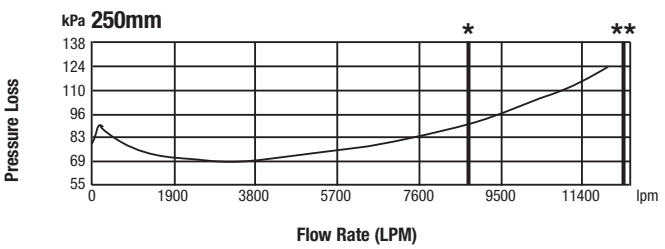












Models

Model NO.	Description
DDC-065/20-35WM	65MM/20MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC-065/20-35NM	65MM/20MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC-080/20-35WM	80MM/20MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC-080/20-35NM	80MM/20MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC100/20-35WM	100MM/20MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC100/20-35NM	100MM/20MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC150/20-35WM	150MM/20MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC150/20-35NM	150MM/20MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC200/20-35WM	200MM/20MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC200/20-35NM	200MM/20MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC250/20-35WM	250MM/20MM DDC SS DEVICE WITH METERED BYPASS
DDC250/20-35NM	250MM/20MM DDC SS DEVICE WITH BYPASS NO METER
DDC100/20-35WM-FITPACK	100MM/20MM DDC SS DEVICE WITH METERED BYPASS / FITMENT PACK TABLE E
DDC150/20-35WM-FITPACK	150MM/20MM DDC SS DEVICE WITH METERED BYPASS / FITMENT PACK TABLE E
DDC100-FITMENT-PACK	100MM DDC FITMENT PACK C/W SET OF SCREWS AND WASHERS
DDC150-FITMENT-PACK	150MM DDC FITMENT PACK C/W SET OF SCREWS AND WASHERS
DDC100/25-35WM	100MM/25MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC100/25-35NM	100MM/25MM DDC SS DEVICE WITH BYPASS NO METER TABLE E
DDC150/25-35WM	150MM/25MM DDC SS DEVICE WITH METERED BYPASS TABLE E
DDC150/25-35NM	150MM/25MM DDC SS DEVICE WITH BYPASS NO METER TABLE E

Typical Installation

Model 3000SS-AUS Double Check Detector Assembly should be installed with adequate clearance and easy accessibility for testing and maintenance and must be protected from freezing. Local codes shall govern installation requirements.

Fittings such as end connectors intended to join alternative pipe systems made from other materials (e.g. plastics) shall also conform to the relevant dimensional and performance requirements of the appropriate Australian, New Zealand, or joint Australian/New Zealand Standard for the alternative pipe system.

Test the assembly at initial installation, after servicing or maintenance to AS/NZS2845.3 and local regulatory authority requirements.