

Series 4000SS-AUS

Reduced Pressure Zone Device

Size: DN65-DN300

The series 4000SS Reduced Pressure Zone Devices 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 High Hazard installations. Series 4000SS feature short end-to-end dimensions, light weight stainless steel body, and low head loss.

Features

- Stainless steel construction provides long term corrosion resistance and maximum strength
- Stainless steel body is half the weight of competitive designs reducing installation & shipping costs
- Short end-to-end dimensions makes retrofit easy
- Patented cam-check assembly provides maximum flow at low pressure drop
- No special tools required for servicing
- Compact construction allows for smaller enclosures
- Stainless steel relief valve features a balanced rolling diaphragm to eliminate sliding seals and lower maintenance costs

Material

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

Norly® is a registered trademark of General Electric Company.

Installation Dimensions



Specification

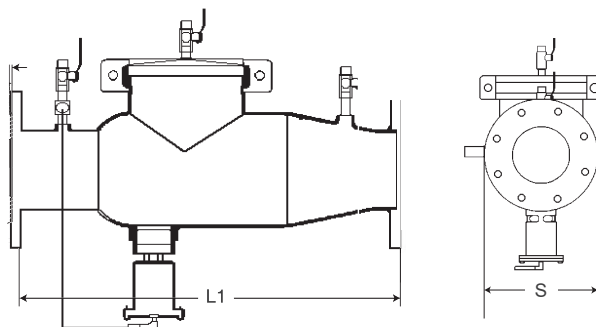
- Device: AS/NZS 2845.1, ASSE 1013, AWWA C511-92, CSA B 64.5, UL Classified
- Connections: AS2129 Table E

Pressure- Temperature

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

Approvals

- WMKA1527



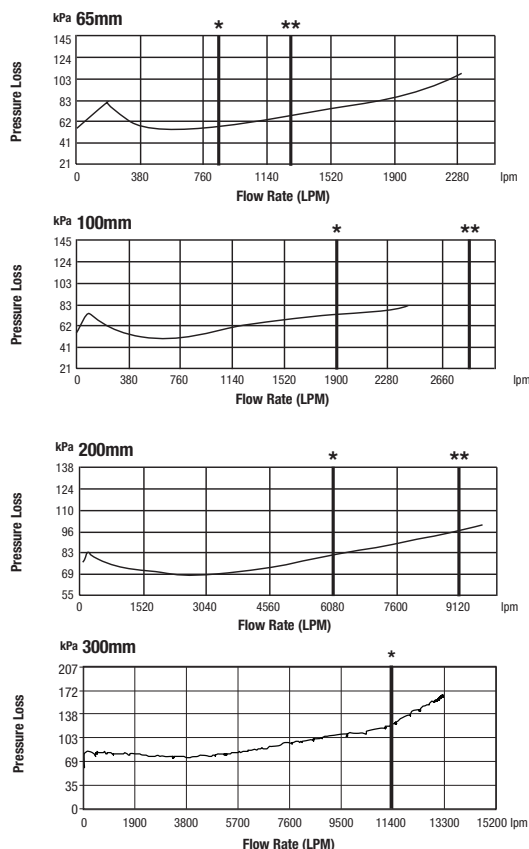
Size	Dimensions		Net Weight for Device Only kg.
	L1	S	
mm	mm	mm	mm
65	559	178	27
80	559	191	28
100	559	229	30
150	699	279	50
200	749	343	81
250	749	406	86
300	749	483	100

Characteristic Curves

Flow curves as tested by Underwriters Laboratory per UL 1469,1996.

* Rated flow

**UL Tested flow



Models

Model NO.	Description
4000SS-LF65	65MM RPZD STAINLESS STEEL DEVICE ONLY TABLE E
4000SS-LF80	80MM RPZD STAINLESS STEEL DEVICE ONLY TABLE E
4000SS-LF100	100MM RPZD STAINLESS STEEL DEVICE ONLY TABLE D
4000SS-LF150	150MM RPZD STAINLESS STEEL DEVICE ONLY TABLE D
4000SS-LF200	200MM RPZD STAINLESS STEEL DEVICE ONLY TABLE E
4000SS-LF250	250MM RPZD STAINLESS STEEL DEVICE ONLY TABLE E
4000SS-LF300	300MM RPZD STAINLESS STEEL DEVICE ONLY TABLE E

Typical Installation

Model Series 4000SS-AUS Reduced Pressure Zone Device 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.

For DN200~DN300 backflow preventers, a 150mm length spacer piece is required between the downstream side of the device and the butterfly valve. This will prevent contact between the check valve of the backflow preventer and the butterfly valve disc during operation.

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.