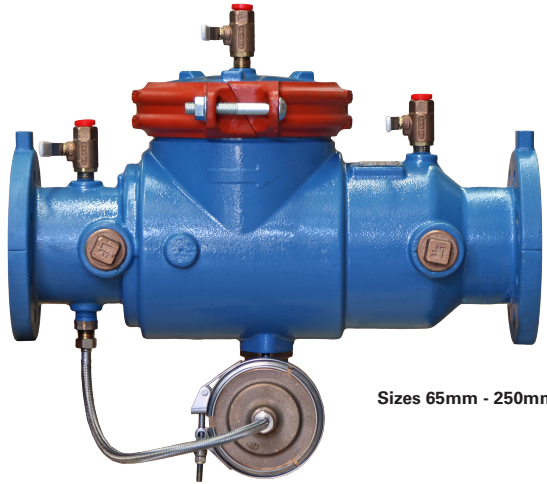


## DCV Backflow Preventers **4AE-200 SERIES**



Sizes 65mm - 250mm



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist:	

### REDUCED PRESSURE PRINCIPLE

The Apollo® MODEL 4AE Reduced Pressure Principle Backflow Preventers consist of two independently acting, TriForce™ center stem guided check valves with a differential pressure relief valve located between the check valves. The unit is designed to give maximum protection against backflow of health or non-health hazard fluids by either back-pressure or back-siphonage. The durable epoxy coated ductile iron valves are easily maintained in the line without any special tools. The TriForce™ check valves operate with a spring assist in the flowing condition to provide excellent flow rates which are documented by ASSE or USC FCCC&HR approval curves. Table E Flange.

### FEATURES

- Maximum protection against back-pressure/back-siphonage
- Easy maintenance - no special tools required
- Snap-in check retainers; 65-150mm
- Bolted-in checks: 200 - 250mm
- Low head loss
- Stem guided TriForce™ check valves
- Corrosion resistant
- Horizontal installation only
- Designed, manufactured, assembled and tested in South Carolina, USA
- 5 year warranty

### PERFORMANCE RATING

- Maximum working pressure 1,200kPa
- Operating temp. range 1°C - 60°C

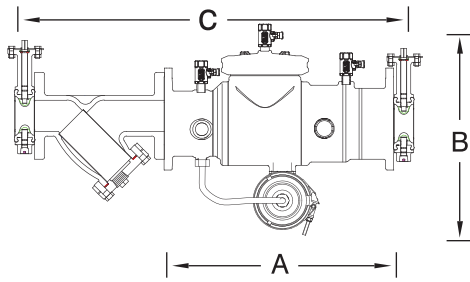
### APPROVALS

- AS2845.1 WM - 022183 Approved
- Watercare Approved

### STANDARD MATERIALS LIST

Body and covers	Epoxy Coated DI
Springs	Stainless Steel
Check valves	PPO/Bronze/SS
Seat Discs	Silicone
Test Cocks	Bronze/SS handles
Relief Valve	Bronze

# Submittal Sheet

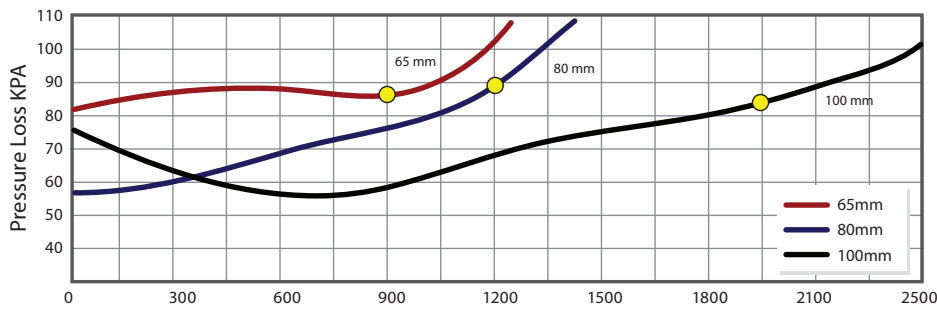


## DIMENSIONS

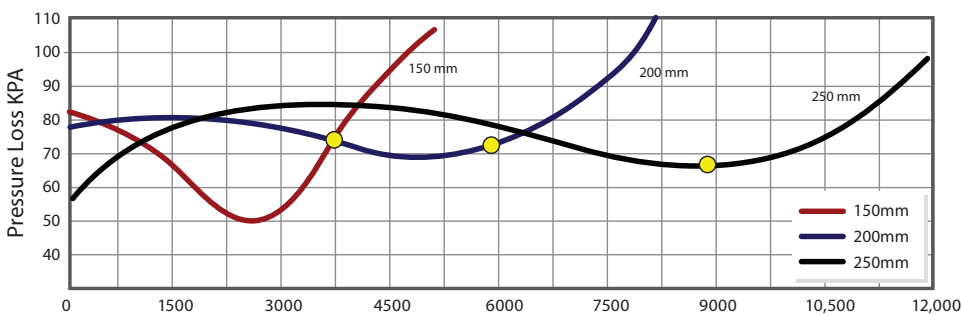
Complete Valve Code* Size	ARP65 65mm.	ARP80 80 mm.	ARP100 100mm.	ARP150 150 mm.	ARP200 200 mm.	ARP250 250 mm.
A (DCV device length)	550	550	623	877		
B (Height of assembly)	480	480	551	705		
C (Length w/bfly valves)	914	938	1079	1461		
C (Length w/gate valves)	1204	1252	1433	1881		
Width of assembly	254	254	339	447		
<b>Weights</b>	<b>kg.</b>	<b>kg.</b>	<b>kg.</b>	<b>kg.</b>	<b>kg.</b>	<b>kg.</b>
Net Wt. (Device Only)	44	46	66	162		

\*COMPLETE WITH BALL VALVES, STRAINER AND NIPPLE

## FLOW CURVES



Flow Rate l/m



Flow Rate l/m

## PRODUCT CODES

Code	Description
ARP65	RPZ 65mm Complete
ARP80	RPZ 80mm Complete
ARP100	RPZ 100mm Complete
ARP150	RPZ 150mm Complete
ARP200	RPZ 200mm Complete
ARP250	RPZ 250mm Complete

Customer Services (09) 837 9330  
www.aqualine.co.nz

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Apollo backflow supplied in New Zealand by

