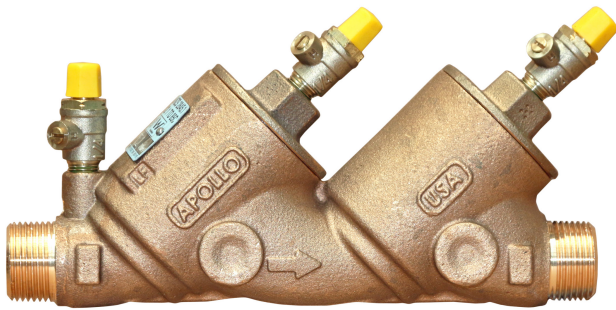


DCV Backflow Preventers **4A-100 SERIES**



Sizes 15mm - 50mm



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

TOP ENTRY DOUBLE CHECK VALVE ASSEMBLY LEAD FREE

The Apollo Series 4A-100 Double Check Valves are designed to prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are objectionable, but non-health hazards. The modular check valve captured spring cartridges have replaceable seats and reversible silicone seat discs.

OPERATION

During normal flow conditions, the two check valves are held off their seats, supplying water downstream. Each check valve is designed to maintain a minimum of 7 kPa across the valve during normal operation. Should the downstream pressure increase to within 7 kPa of supply pressure, both check valves will close to prevent a backflow condition.

FEATURES

- Low pressure loss
- Modular check valve cartridges with easily replaced parts
- Top access for fast testing and easy maintenance
- Testcock protectors
- Corrosion resistant
- No special tools required
- 5 year warranty
- Horizontal or vertical installation
- Designed, manufactured, assembled and tested in South Carolina, USA

PERFORMANCE RATING

- Maximum working pressure 1,200kPa
- Temperature range 1°C - 85°C

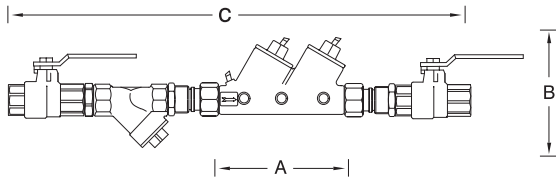
APPROVALS

- AS2845.1 Approved
- Watercare Approved

STANDARD MATERIALS LIST

Part Name	Material
Body, Caps	Bronze C89836 Lead Free
BV Shutoffs, Test Cocks	C8700 Lead Free
Check Valve Cartridges	Glass filed PPO
Springs	300 Series Stainless Steel
Seat Discs	Chloramine-resistant Silicone

Submittal Sheet

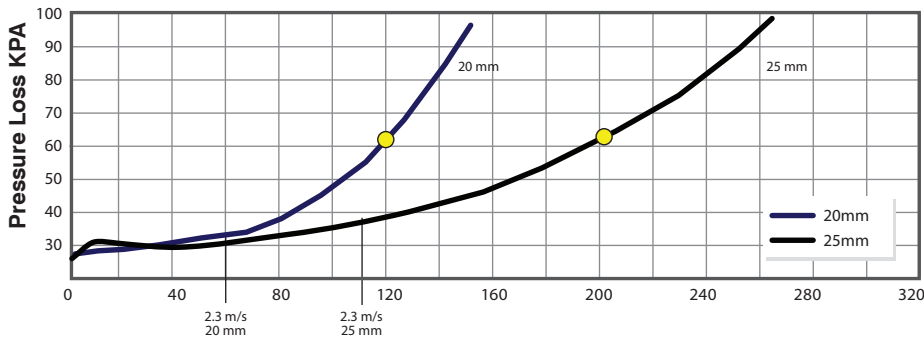


DIMENSIONS

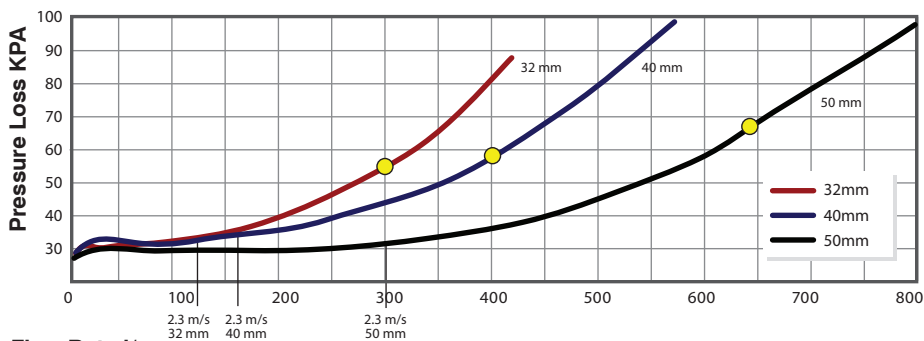
Complete Valve Code* Size	ADC15 15mm.	ADC20 20 mm.	ADC25 25mm.	ADC32 32 mm.	ADC40 40 mm.	ADC50 50 mm.
A (DCV device length)	216	216	241	298	298	324
B (Height)	139	139	170	184	195	235
C (Overall assembly length)	380	355	400	680	720	820
Width of assembly	65	65	70	82	82	92
Weights	kg.	kg.	kg.	kg.	kg.	kg.
Net Wt. (Device Only)	1.7	1.7	2.2	3.6	3.6	5.2

*COMPLETE WITH BALL VALVES, STRAINER AND NIPPLE

FLOW CURVES



Flow Rate l/m



Flow Rate l/m

PRODUCT CODES

Code	Description
ADC15	DCV 15mm Complete
ADC20	DCV 20mm Complete
ADC25	DCV 25mm Complete
ADC32	DCV 32mm Complete
ADC40	DCV 40mm Complete
ADC50	DCV 50mm Complete

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

This specification is provided for reference only. Aqualine Products Ltd. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Apollo products previously or subsequently sold. Please visit www.aqualine.co.nz for the most current information.

Apollo backflow supplied in New Zealand by



AQUALINE