

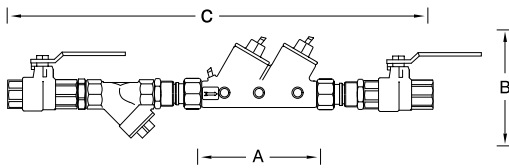
BACKFLOW PREVENTION CATALOGUE

Double Check Valve Backflow Preventers

4A-100 SERIES



Sizes 20mm - 50mm



TOP ENTRY DOUBLE CHECK VALVE ASSEMBLY

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, domestic warranty
- AS2845.1 approved
- Horizontal or vertical installation
- Maximum working pressure 1,200kPa
- Temperature range 1°C - 85°C
- Designed, manufactured, assembled and tested in South Carolina, USA

DIMENSIONS

Valve Code.	4A 104 T	4A 105 T	4A 106 T	4A 107 T	4A 108 T
Complete Code*	4A114T2	4A115T2	4A116T2	4A117T2	4A118T2
Size	20 mm.	25mm.	32 mm.	40 mm.	50 mm.
A (DCV device length)	216	241	298	298	324
B (Height)	139	170	184	195	235
C (Overall assembly length)	490	570	680	720	820
Width of assembly	65	70	82	82	92
WEIGHTS	kg.	kg.	kg.	kg.	kg.
Net Wt. (Device Only)	1.7	2.2	3.6	3.6	5.2

*Complete with ball valves, strainer, unions and nipple

MATERIALS

Part	Material
Body, Caps	Bronze C84400/LF C89836
Check Valves	Glass-Filled PPO
Springs	300 Series Stainless Steel
Seat Discs	Chloramine-Resistant Silicone
O-rings	Chloramine-Resistant EPDM



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