

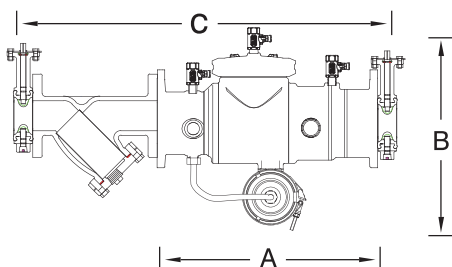
BACKFLOW PREVENTION CATALOGUE

Reduced Pressure Backflow Preventer

4AE-200 SERIES



Sizes 65mm - 250mm



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.

FEATURES

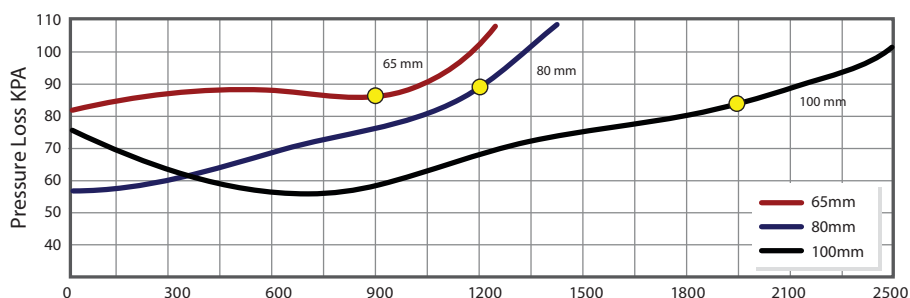
- Maximum protection against back-pressure/back-siphonage
- Easy maintenance - no special tools required
- Snap-in check retainers; 65-150mm
- Bolted-in checks: 200 - 250mm
- Low head loss
- Stem guided TriForce™ check valves
- Table 'E' Flanges
- Corrosion resistant
- Maximum pressure 1,200kPa
- Horizontal installation only
- Operating temp. range 1°C - 60°C
- AS2845.1 approved
- Designed, manufactured, assembled and tested in South Carolina, USA
- 2 year, domestic warranty

DIMENSIONS

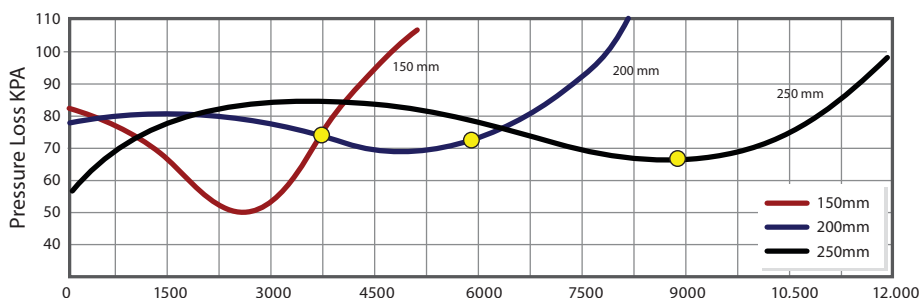
Valve Code	4AE209E1	4AE200E1	4AE20AE1	4AE20CE1	4AE20EE1	4AE20GE1
Complete Code	4AE29LB	4AE20LB	4AE2ALB	4AE2CLB	4AE2ELB	4AE2GLB
Size	65mm	80mm	100mm	150mm	200mm	250mm
A (RPZ device length)	550	550	623	877	957	1126
B (Height of assembly)	480	480	551	705	838	968
C (Length w/ bfly valves)	914	938	1079	1461	1620	1925
C (Length w/ gate valves)	1204	1252	1433	1881	2084	2447
Width of assembly	254	254	339	447	500	560
WEIGHTS	kg.	kg.	kg.	kg.	kg.	kg.
Net Wt. (Device Only)	44	46	66	162	262	387

MATERIALS

Part	Material
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



Flow Rate l/m



Flow Rate l/m



www.allvalve.com.au



For additional information, submittal sheets and manuals, visit www.allvalve.com.au

Customer Service (02) 8543 9811

