

Product Summary

Manufacturer	Bermad Water Technologies
Brand	C70
Product Type	Valves & Hydrants
Product Sub Type	Air valves
Application(s)	Pressure
System(s)	Drinking Water, Non-Drinking Water



Approval

Scope of Approval

Bermad C70 metallic bodied combination (double orifice) air valves, in sizes from DN50 to DN200 to AS 4956. The valves, suitable for water applications in pump stations and pipelines, evacuate air during pipeline filling, allow release of air pockets from pressurized pipes and enable large volumes of air intake in the event of network draining. The Bermad C70-SP air valve version incorporates an anti-slam device for surge protection. The valves are available with pressure classification PN16 or PN35 with flanges to AS/NZS 4087 Figure B5 or B6, respectively. DN50 valves are also available with a BSP threaded connection. Approval expiry date 10 Oct 2021.

Pressure Rating(PN)/Stiffness(SN): PN 16 and PN 35

Jointing:




- Special Condition(s):**
- a) Air Valves located above ground should be protected from freezing, contamination and vandalism.
 - b) If the valve is to be installed in a pit, make sure that the pit has proper drainage and sufficient dimensions for servicing the valve.
 - c) Flush the pipeline prior to the Air Valve installation in order to prevent damage to the valve internals due to large debris carried by the water during start up.
 - d) The C70 air valves are not to be used in systems containing high suspended solids.

Size Range: a) Inlet sizes: DN50, DN80, DN100, DN150 and DN200

b) Connections: Threaded Female BSPT – only for DN50 (2"); all other sizes are Flanged AS 4087 – PN16 or PN35

Water Agencies Approval

	Limitations of Use: Special Conditions:
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	Limitations of Use: Special Conditions: Refer to BW Supplemental product catalogue for limitations and conditions

Product Information

Product Details	
Supplier's Product Code	
Model Number	
WSAA Product Appraisal Number	PA 1614 dated 10/10/2016
WSAA Product Specification	WSA PS 265 Air Valves for water supply
MRWA Standard Drawing	
Relevant Industry Standard(s)	AS 4956:2008 Air valves for water supply
Product Description	Combination Air Valve for water supply
Useful Links	Pentair SW-C70.pdf C70-SP IOM June 12 2013 (2).pdf C70-SP GA drawing (2).pdf WSAA report PA1614 dated 10/10/2016