


BERMAD Air Valves - Ordering Guide

WW	2"	C70	SP	C	D	16	EV	S
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Sector	Code
Irrigation	IR
Waterworks	WW

Size	
½"	DN12
¾"	DN20
1"	DN25
2"	DN50
3"	DN80
4"	DN100
6"	DN150
8"	DN200
10"	DN250
12"	DN300

Body Material	Code
Ductile Iron	C
Nylon	P
Ductile Iron Body with Nylon Neck & Cover (C50)	J
Stainless Steel (A71, A72, C50, C70, C75)	N
Stainless Steel Body with Nylon Neck & Cover (C50)	G
Cast Steel / WCB (A72, C70, C75)	S

Coating	Code
Epoxy UV Protected Blue	EV
Epoxy AS Standard Blue	ET

Outlet Types	Code
Side	S
Down (C50, C70, C75, C80)	D
Mushroom (C70, C75)	M

Additional Attributes	Code
Stainless Steel Pressure Test Point (Schrader Valve)	T
Pressure Test Point	5
¾" Female threaded Outlet (¾"-1" A30 and C30-P)	t
Insect Screen (C70, C75)	S
Lower Service Port ½" NPT (¾"-1" A30 and C30) or ¼" NPT (2-3" C30, C35, C70, C75)	P
Stainless Steel Float (C50)	N
Upper Service Port ½" NPT (C70, C75)	U
Drainage Valve (C30, C50, C70, C80)	Z
Stainless Steel lower float	N

Primary Feature (Model)	Code
Vacuum Breaker ½"; DN12 PN10	ARV
Automatic (Air Release) Air Valve ¾"-1"; DN20-25, PN10	A10
Automatic (Air-Release) Air Valve ¾"-1"; DN20-25, PN16	A30
Automatic (Air-Release) Air Valve ¾"-1"; DN20-25, PN16 PN25	A71
Automatic (Air-Release) Air Valve 1"; DN25, PN16 PN25 PN40 PN63	A72
Combination Air Valve ¾"-3"; DN20-80, PN10	C10
Combination Air Valve 2"; DN50, PN10	C15
Combination Air Valve ¾"-3"; DN20-80, PN16	C30
Combination Air Valve 2"; DN50, PN16	C35
Combination Air Valve for Sewage & Wastewater 2"-4"; DN50-100, PN10 PN16	C50
Combination Air Valve 2"-10"; DN50-250, PN16 PN25 PN40	C70
Combination Air Valve 2"-8"; DN50-200, PN16 PN25 PN40	C72
Combination Air Valve 2"-8"; DN50-200, PN16	C73
Combination Air Valve 3"-12"; DN80-300 PN16 PN25	C75
Combination Air Valve for Sewage & Wastewater 3-4"; DN80-100 PN16 PN25	C80
Kinetic (Air-Vacuum) Air Valve ¾"-2"; DN20-50, PN10	K10

End Connections / Pressure Ratings	Code
Threaded	
BSP Male	BP
BSP Male PN25 (A71)	B5
BSP Female (2" C70, 2" K10)	BA
BSP Female PN25 (2" C70)	BB
BSP Female PN40 (2" C70)	B3
NPT Female 230 psi (2" C70, 2" K10)	NA
NPT Female 360 psi (2" C70)	NB
NPT Female 580 psi (2" C70)	N3
NPT Male	NP
NPT Male 360 psi (A71)	N5
Flanged	
ABNT 10	B1
ABNT 16	B6
ABNT 25	B2
ANSI 150 230 psi	A5
ANSI 300 360 psi (C70, C75)	A3
ANSI 300 580 psi (C70, C75)	A9
AS 16	SA
AS 35	SB
BSTD	BD
ISO PN10	10
ISO PN16	16
ISO PN25	25
ISO PN40	40
Universal Flange (ISO 10/16, AS16) connected to BSP male (2"-3" C10, 2-3" C30-P C50-P)	FF
Universal Flange (ANSI 150) connected to NPT male (2"-3" C10, 2-3" C30-P C50-P)	FN

Additional Features	Code
Without Additional Feature	00
Surge Protection (2"-3" C30, C50, C70, C75, C80)	SP
Assisted Closing (2"-3" C30, C50, C70, C75)	AC
Inflow Prevention (2"-3" C30-P, C50-P/G/J, 2"-6" C70 side outlet, 3"-8" C75 side outlet)	IP



Valve selection options - C70

	2"; DN50	3"; DN80	4"-6"; DN100-150	8"; DN200	10"; DN250
Body construction	Ductile iron, stainless steel, cast steel (WCB)			Ductile iron	
inlet connection type	Threaded (female), flanged	Flanged			
Outlets	Down, side, mushroom				Mushroom
Connection to drainage pipeline	Side outlet (female threaded)	Side outlet (grooved)		-	
Additional Features	SP, AC, IP (IP with side outlet only)			SP, AC	SP
Optional Accessories	Insect screen, 90-degree elbow (threaded), service port, drainage needle valve		Insect screen, service port, drainage needle valve		

Valve selection options - C75

	3"-4"; DN80-100	6"-8"; DN150-200	10"; DN250	12"; DN300
Body construction	Ductile iron, stainless steel, cast steel (WCB)		Ductile iron	
inlet connection type	Flanged			
Outlets	Down, side, mushroom			Mushroom
Connection to drainage pipeline	2-3"; DN50-80 side outlet (female threaded)	4-8"; DN100-200 side outlet (grooved)		-
Additional Features	SP, AC, IP (IP with side outlet only)		SP, AC	SP
Optional Accessories	Insect screen, 90-degree elbow (threaded), service port, drainage needle valve		Insect screen, service port, drainage needle valve	