

C Series, Combination Air Release Valves, Sizes 1/2"-24", AWWA C512

C SERIES: MODEL INFORMATION AND DIMENSIONS

C Series Dimensions & Weights								
DIMS. ARE IN INCHES. CERTIFIED DIMS. AVAILABLE.				BOLT ON				
Size of Valve	1/2"	1"	2"	3"	4"	6"	8"	10"
Width	5	6.19	9.88	11.50	14	15	17.75	23
Length	8.75	10.22	15.69	20	22.19	23.03	25.625	30
Height (Screwed Connection)	5.64	6.03	9.56	12.94	14.56	n/a	n/a	n/a
Height (Flanged Connection)	n/a	n/a	11.81	16.94	17.50	15.50	18.84	21.78
Height (Flanged Hvy Conn.)	n/a	n/a	12.06	17.31	17.81	15.84	18.84	22.50
Weight (lbs) (Screwed Connection)	13	21	67	108	177	n/a	n/a	n/a
Weight (lbs) (Flanged Connection)	n/a	n/a	73	126	196	196	305	571
Weight (lbs) (Flanged Hvy Conn.)	n/a	n/a	75	131	205	212	327	607
Pressure Unit Size	Midget	Midget	1	1	1	1	1	1
Pressure Unit Outlet Connection	3/8 NPT	3/8 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT
Air & Vacuum Unit Size	1/2	1	2	3	4	6	8	10
Air & Vacuum Unit Outlet Connection	1/2 NPT	1 NPT	2 NPT	3 NPT	4 NPT	6 NPT	8 NPT	10 NPT



1/2"-1" Orifice Options		
Diameter	Max Working Pressure	Discharge Rate
5/32	40 PSIG	13 SCFM
1/8	50 PSIG	9.6 SCFM
3/32	85 PSIG	8.3 SCFM
1/16	150 PSIG	6.1 SCFM
3/64	200 PSIG	4.5 SCFM
1/32	300 PSIG	3.2 SCFM

C Series Model Information								
Size of Valve	1/2"	1"	2"	3"	4"	6"	8"	10"
Model No. Screwed Inlet	C5	C10	C20	C30	C40	n/a	n/a	n/a
125# Flanged Inlet	n/a	n/a	C21	C31	C41	C61	C81	C101
250# Flanged Inlet	n/a	n/a	C22	C32	C42	C62	C82	C102

2"-10" Orifice Options		
Diameter	Max Working Pressure	Discharge Rate
5/16	100 PSIG	105 SCFM
1/4	150 PSIG	98 SCFM
3/16	200 PSIG	72 SCFM
5/32	250 PSIG	61.1 SCFM
1/8	300 PSIG	46.7 SCFM



PRODUCT LINE C Series Combo. Air Release Valves, 1/2"-24	DATE 8/30/2023	REVISION 0
SHEET C Series Dimensions	DOC. NO. D-AV-C-DIMS-r0	