



FIGURE 945 COMBINATION AIR VALVES ARE MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA C512

FIGURE NUMBER	MAX WORKING PRESSURE	AIR RELEASE ORIFICE	INLET	OUTLET	A (Length)	B (Height)	C (Width)	WGT
945E	150 PSI (1034 KPa)	3/16" (3,2mm)	3" NPT	3" NPT	12.75" (324mm)	12.25" (311mm)	6.63" (168mm)	65 lbs (25,6 kg)
945E-H	300 PSI (2068 KPa)	1/8" (2,4mm)						

PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1.	BODY (Note 1)	CAST IRON, ASTM A126-B
2.	COVER (Note 1)	CAST IRON, ASTM A126-B
3.	SEAT	BUNA-N RUBBER (Standard) EPDM RUBBER (Optional)
4.	SEAT SCREWS	18-8 STAINLESS STEEL
5.	FLOAT BALL (Air Vacuum)	316 STAINLESS STEEL
6.	COVER BOLTS	316 STAINLESS STEEL
7.	PIPE PLUG	STEEL
8.	ORIFICE BUTTON	BUNA-N & 18-8 STAINLESS (Std) EPDM & 18-8 STAINLESS (Optional)
9.	ORIFICE	316 STAINLESS STEEL
10.	FLOAT BALL (Air Release)	316 STAINLESS STEEL
11.	LEVERAGE ARM	316 STAINLESS STEEL
12.	FLOAT ARM	316 STAINLESS STEEL
13.	AIR RELEASE VALVE LINK	18-8 STAINLESS STEEL
14.	HEX NUT	18-8 STAINLESS STEEL
15.	SPRING PIN	302 STAINLESS STEEL
16.	LEVERAGE BRACKET	316 STAINLESS STEEL
17.	BRACKET SCREWS	18-8 STAINLESS STEEL
18.	FLOAT PIVOT LINK	316 STAINLESS STEEL
19.	FLOAT SCREW	18-8 STAINLESS STEEL
20.	COVER GASKET	ARMSTRONG CS-301
21.	BRACKET LOCK WASHER	18-8 STAINLESS STEEL
22.	LOCK WASHER	18-8 STAINLESS STEEL
23.	CUSHION	EPDM RUBBER
24.	FLOAT GUIDE	UHMWPE
25.	GUIDE BEARING	LOW FRICTION POLYMER

Note

1. Fusion bond epoxy lined and coated, Skotchkote 134 NSF-61 Certified, 10 mil DFT

GA INDUSTRIES, a VAG Brand

DATE: 3-22-2020	DRAWN BY: WJN	
3" COMPACT KINETIC COMBINATION AIR VALVE		
FIGURE 945E	DRAWING NO. ECAV-7138E-W	REV B