

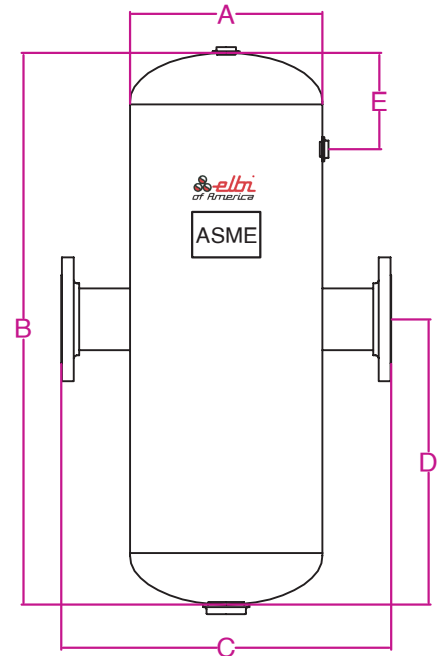


# HIGH VELOCITY ASME AIR / DIRT SEPARATOR

Elbi of America's air & dirt separators are utilized in hydronic systems to efficiently separate and eliminate debris and entrained air. This specialized separator utilizes coalescing media technology to remove air down to 18 microns and debris down to 35 microns. It has been 3rd party tested and found capable of removing 100% of the free air, 100% of the entrained air, and up to 99.6% of the dissolved air in the system fluid during continuous circulation. The units we fabricate are designed to use a skim valve to eliminate floating debris and an automatic air vent to disperse air. Also available is an optional, removable cover for maintenance of the coalescing media cartridge.

ASME CODE SEC. VIII DIV. 1  
NATIONAL BOARD REGISTERED  
CARBON STEEL  
125/150 PSI @ 270°F  
(HIGHER DESIGN  
PRESSURES AVAILABLE)

\*RC-UNITS WITH REMOVABLE COVER AVAILABLE  
\*CUSTOM SIZES AVAILABLE



ALL DIMENSIONS ARE IN INCHES

MODEL	PIPE SIZE	A	B	C	D	E	FLOW (GPM)
ASW020-HV	2	14	32 11/16	21 3/4	17	7	114
ASW025-HV	2.5	14	32 11/16	21 3/8	17	7	163
ASW030-HV	3	14	40 1/8	21 1/4	20 13/16	7	252
ASW040-HV	4	14	40 1/8	24	20 13/16	7	439
ASW050-HV	5	20	57 1/2	30	29 3/4	8 1/2	686
ASW060-HV	6	20	57 1/2	29 5/8	29 3/4	9 1/4	987
ASW080-HV	8	24	68 15/16	34 5/8	35 3/4	9 1/4	1713
ASW100-HV	10	30	85 13/16	41 1/4	44 7/16	11 3/8	2706
ASW120-HV	12	30	85 13/16	42 3/4	44 7/16	11 3/8	3876
ASW140-HV	14	36	102 15/16	49 5/8	53 1/4	13	4703
ASW160-HV	16	36	102 15/16	51	53 1/4	13	6264
ASW180-HV	18	36	162	56	82	13	8013
ASW200-HV	20	42	180	61 3/8	91	14	9978
ASW240-HV	24	48	216	72	109	16	14555

+ Dimensions are subject to change.

