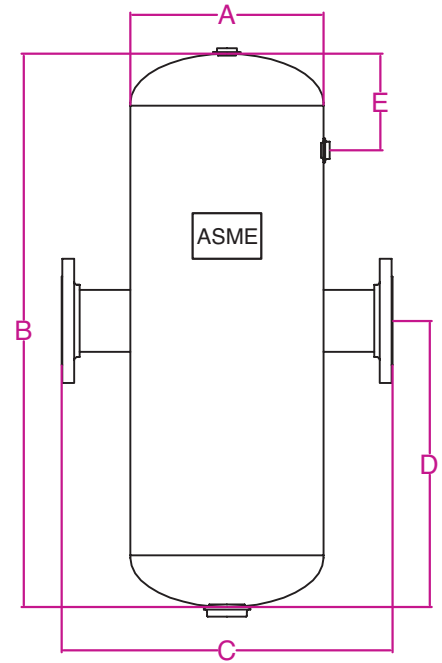




# STANDARD VELOCITY AIR / DIRT SEPARATOR

ELBI 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 PSI @ 270°F  
(OTHER DESIGN  
PRESSURES AVAILABLE)



ALL DIMENSIONS ARE IN INCHES

\*CUSTOM SIZES AVAILABLE

MODEL	PIPE SIZE	A	B	C	D	E	FLOW (GPM)
ASW020-SV	2	6 5/8	17 5/8	13 3/4	7	4 5/16	51
ASW025-SV	2.5	6 5/8	17 5/8	13 3/4	7	4 5/16	73
ASW030-SV	3	10 3/4	25 1/4	18	11 3/8	6	112
ASW040-SV	4	10 3/4	25 1/4	20 1/2	11 3/8	6	196
ASW050-SV	5	14	33 5/8	24 1/4	15 3/4	7	306
ASW060-SV	6	14	33 5/8	23 3/8	15 3/4	7	440
ASW080-SV	8	20	42 1/2	28 3/8	18 3/16	8 1/2	763
ASW100-SV	10	24	56 7/8	35 1/8	25 3/8	9 1/4	1205
ASW120-SV	12	24	63 3/8	36 3/8	26 3/8	9 1/4	1726
ASW140-SV	14	30	73	43 3/8	33	11 5/16	2107
ASW160-SV	16	30	79 13/16	44 1/2	34 1/8	11 5/16	2790
ASW180-SV	18	36	108	56	55	13	3569
ASW200-SV	20	42	120	61 3/8	61	14	4445
ASW240-SV	24	48	144	72	73	16	6843

Dimensions are subject to change.

