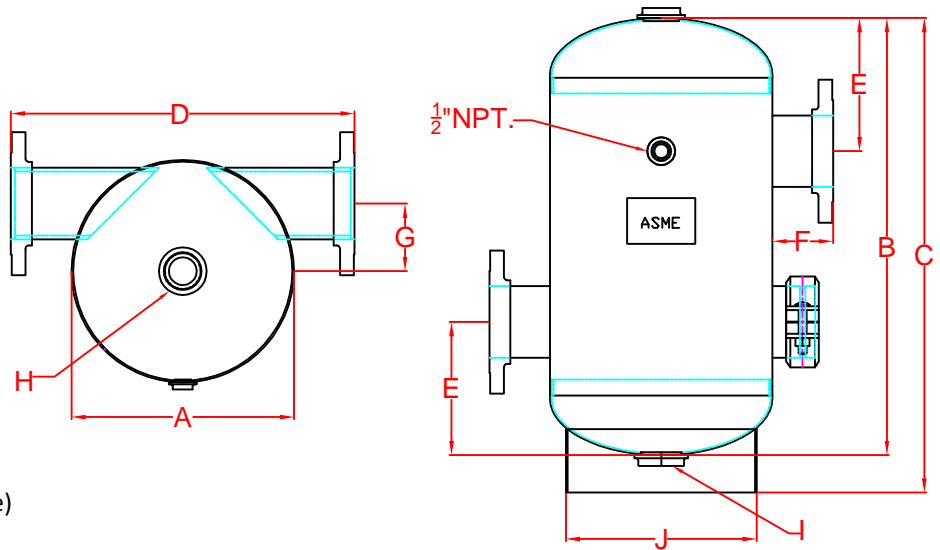




AIR SEPARATOR WITH STRAINER (TANGENTIAL DESIGN)



Built to ASME Section VIII Div. 1 standards, Elbi air separators with strainers promote improved longevity for heating and cooling systems. They have two major functions. First, they separate and remove entrained air in hydronic and pumping systems. This is achieved by their tangential design which centrifuges the aerated water, separating the air centrally, and allowing for it to be released through the vent. Second, the strainer present in these vessels strains larger particles from the swirling water allowing for the collection and removal of debris.



ALL DIMENSIONS ARE IN INCHES

ASME CODE SEC. VIII DIV. 1
NATIONAL BOARD REGISTERED
CARBON STEEL
PRIMER EXTERIOR
MAWP: 150 PSI (2"-8" inlet/outlet)
125 PSI (10"-30" inlet/outlet)
(OTHER DESIGN PRESSURES AVAILABLE)
STRAINER: AISI 304 stainless (removable)

*CUSTOM SIZES AVAILABLE
*PRESSURE DROP CURVES AVAILABLE

MODEL	INLET/ OUTLET	A	B	C	D	E	F	G	H	I	J	WEIGHT (LBS)
ASW-020	2	12	19 1/2	21 3/8	16 5/8	5 1/2	2 5/16	4 5/16	1 1/2	1	9 5/8	35
ASW-025	2 1/2	12	19 1/2	21 3/8	16 5/8	5 1/2	2 5/16	4 1/16	1 1/2	1	9 5/8	38
ASW-030	3	12	19 1/2	21 3/8	19 1/2	5 3/4	3 3/4	3 3/4	1 1/2	1	9 5/8	65
ASW-040	4	14	27 1/2	29 7/8	21 3/4	8 3/8	3 13/16	4 1/4	1 1/2	2	12	105
ASW-050	5	14	27 1/2	29 7/8	21 3/4	8 3/8	3 7/8	3 3/4	1 1/2	2	12	210
ASW-060	6	20	38	40 1/2	28	11 3/4	4	6 1/4	2	2	14 1/2	245
ASW-080	8	20	38	40 1/2	28	11 3/4	4	5 3/16	2	2	14 1/2	365
ASW-100	10	30	55	61	41	17 1/2	5 1/2	8 1/2	2	2	24	690
ASW-120	12	30	55	61	41	17 1/2	5 1/2	8 1/8	2	2	24	750
ASW-140	14	36	72	78	46 3/8	22	5 3/16	10 3/4	2	2	30	1250
ASW-160	16	42	96	102	52	30	5	12 1/2	2	2	36	2350
ASW-180	18	48	103	109	61 1/2	31 3/8	6 3/4	13 5/8	2	2	42	3000
ASW-200	20	54	115	121	66	35	6	18	2	2	48	3520
ASW-240	24	66	144	150	78	38	6	19	2	2	60	6150
ASW-300	30	72	144	150	84	38	6	19	2	2	66	7920

Dimensions are subject to change.
Weights are approximate.