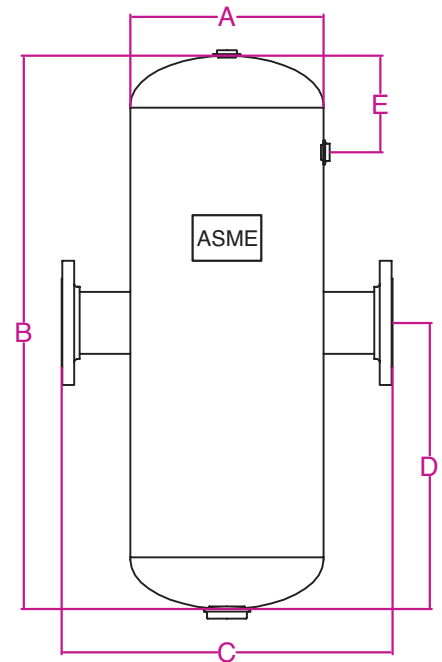




STANDARD VELOCITY AIR / DIRT SEPARATOR

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.

