



The commercial Flamcovent Smart Stainless Steel air separator removes the smallest microbubbles from the system water. The innovative non-clogging design ensures pressure loss in the system is kept to a minimum.

#### Advantages:

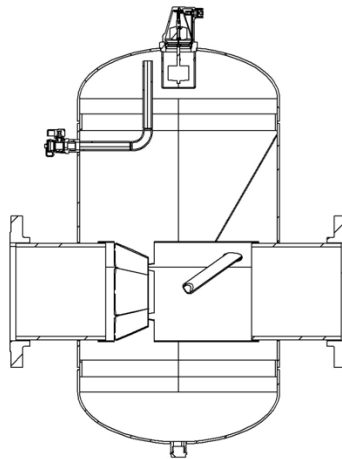
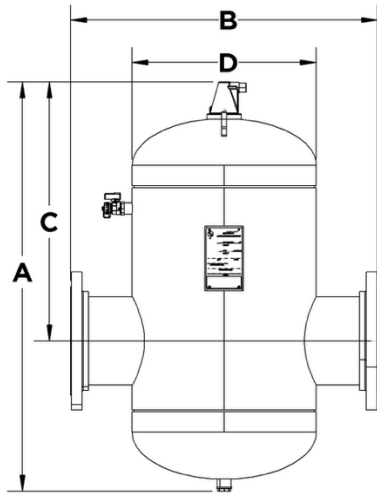
- Up to 60% better performance compared to conventional air separators
- Extremely low flow resistance resulting in less energy consumption
- Non-clogging design ensures continuous operation in demanding environments
- 316 Stainless steel construction for superior corrosion resistance
- Ideal vertical markets: Data Centers and other mission-critical applications

#### Materials & Design Data

|                             |                            |
|-----------------------------|----------------------------|
| Shell                       | 304 or 316 Stainless Steel |
| Separating Element          | 304 or 316 Stainless Steel |
| Air Vent                    | 316 Stainless Steel        |
| Drain Plug                  | 304 or 316 Stainless Steel |
| Max Working Pressure        | 150 PSI                    |
| Max Working Temperature     | 250°F                      |
| Suitable for Glycol Systems | 50/50                      |
| Standard Flow Velocity      | Up to 9.8 ft/s             |

#### Additional Imagery





### Dimensions & Specifications

| Part Number                      | Size |     | Type                                       | Capacity<br>[Gallon] | Dimensions [Inches] |      |      |      | Cv   | WT  |
|----------------------------------|------|-----|--------------------------------------------|----------------------|---------------------|------|------|------|------|-----|
|                                  | INCH | MM  |                                            |                      | A                   | B    | C    | D    |      |     |
| FSAS-304-0200A<br>FSAS-316-0200A | 2    | 50  | Flamcovent Smart<br>Stainless Steel - ASME | 3.2                  | 21.2                | 13.8 | 14.9 | 8.0  | 108  | 34  |
| FSAS-304-0250A<br>FSAS-316-0250A | 2.5  | 65  |                                            | 3.3                  | 21.6                | 13.8 | 14.9 | 8.0  | 162  | 42  |
| FSAS-304-0300A<br>FSAS-316-0300A | 3    | 80  |                                            | 5.5                  | 23.2                | 18.5 | 15.6 | 10.0 | 242  | 55  |
| FSAS-304-0400A<br>FSAS-316-0400A | 4    | 100 |                                            | 5.8                  | 24.0                | 18.5 | 15.6 | 10.0 | 360  | 65  |
| FSAS-304-0600A<br>FSAS-316-0600A | 6    | 150 |                                            | 18.4                 | 29.2                | 25.0 | 17.7 | 16.0 | 780  | 121 |
| FSAS-304-0800A<br>FSAS-316-0800A | 8    | 200 |                                            | 33.7                 | 39.7                | 30.0 | 25.4 | 18.0 | 1549 | 232 |
| FSAS-304-1000A<br>FSAS-316-1000A | 10   | 250 |                                            | 73.5                 | 47.5                | 39.0 | 29.9 | 24.0 | 2257 | 368 |