



AIR SEPARATOR

Tangential Air Separators: 1" - 24" without Strainer ASME

150 PSIG Working Pressure

Construction

| | |
|---------|---------------------|
| Body | ASME Approved Steel |
| Flanges | ASME Class 150 |

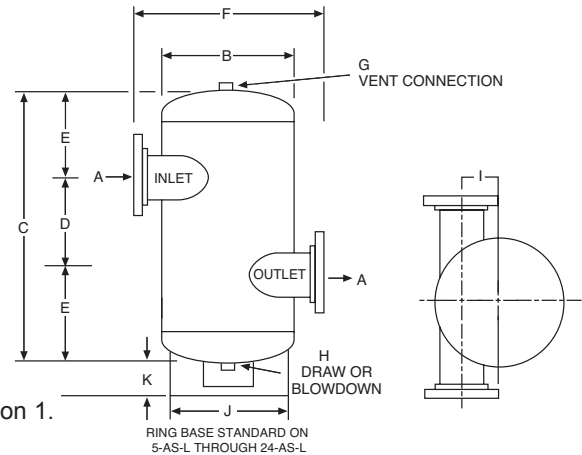
Performance

| | |
|-------------------------------|---------------------|
| Maximum Operating Temperature | 350°F (176.7°C) |
| Maximum Working Pressure | 150 PSIG (10.3 bar) |
| Warranty | 1-Year |

Application

- Creates a low velocity vortex that separates and removes entrained air from circulating water or anti-freeze.

- For use in closed, non-potable water systems.
- Designed and constructed per ASME Code Section VIII, Division 1.



ASME Models

| Model Number | Dimensions | | | | | | | | | | | | | | | | | | | | Shipping Weight | | | |
|--------------|------------|-----|----|------|-----|------|----|------|-----|------|----|------|----|----|----|----|-----|-----|-----|------|-----------------|-----|------|------|
| | A | | B | | C | | D | | E | | F | | G | | H | | I | | J | | K | | Lbs | Kg |
| | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | In | mm | | |
| 1-ASL* | 1 | 25 | 4½ | 114 | 12 | 305 | 4 | 102 | 4 | 102 | 7 | 178 | ¾ | 19 | ¾ | 19 | 1⅞ | 33 | - | - | - | - | 15 | 7 |
| 2-ASL | 2 | 51 | 10 | 254 | 23 | 584 | 8 | 203 | 7½ | 191 | 17 | 432 | ¾ | 19 | ¾ | 19 | 3 | 76 | - | - | - | - | 43 | 20 |
| 2½-ASL | 2½ | 64 | 10 | 254 | 23 | 584 | 8 | 203 | 7½ | 191 | 17 | 432 | ¾ | 19 | ¾ | 19 | 3 | 76 | - | - | - | - | 54 | 24 |
| 3-ASL | 3 | 76 | 10 | 254 | 23 | 584 | 8 | 203 | 7½ | 191 | 17 | 432 | ¾ | 19 | ¾ | 19 | 3 | 76 | - | - | - | - | 60 | 27 |
| 4-ASL | 4 | 102 | 12 | 305 | 25 | 635 | 10 | 254 | 7½ | 191 | 21 | 533 | ¾ | 19 | ¾ | 19 | 3½ | 89 | - | - | - | - | 79 | 36 |
| 5-ASL | 5 | 127 | 16 | 406 | 34½ | 876 | 12 | 305 | 11¼ | 286 | 24 | 610 | ¾ | 19 | ¾ | 19 | 4¼ | 108 | 12¾ | 324 | 4% | 117 | 195 | 88 |
| 6-ASL | 6 | 152 | 18 | 457 | 41 | 1041 | 14 | 356 | 13½ | 343 | 26 | 660 | ¾ | 19 | ¾ | 19 | 4¼ | 108 | 14 | 356 | 4% | 117 | 210 | 95 |
| 8-ASL | 8 | 203 | 24 | 610 | 52 | 1321 | 18 | 457 | 17 | 432 | 32 | 813 | ¾ | 19 | ¾ | 19 | 5⅞ | 144 | 16 | 406 | 4% | 117 | 400 | 181 |
| 10-ASL | 10 | 254 | 30 | 762 | 58 | 1473 | 21 | 533 | 18½ | 470 | 40 | 1016 | ¾ | 19 | ¾ | 19 | 7¼ | 197 | 24 | 610 | 4% | 117 | 750 | 340 |
| 12-ASL | 12 | 305 | 36 | 914 | 68 | 1727 | 26 | 660 | 21 | 533 | 46 | 1168 | ¾ | 19 | ¾ | 19 | 7¼ | 197 | 30 | 762 | 12% | 321 | 990 | 449 |
| 14-ASL | 14 | 356 | 42 | 1067 | 87 | 2210 | 30 | 762 | 28½ | 724 | 56 | 1422 | ¾ | 19 | ¾ | 19 | 13 | 330 | 30 | 762 | 13% | 340 | 2150 | 975 |
| 16-ASL | 16 | 406 | 48 | 1219 | 90 | 2286 | 32 | 813 | 29 | 737 | 64 | 1626 | 3 | 76 | 3 | 76 | 14% | 379 | 42 | 1067 | 12½ | 318 | 3600 | 1633 |
| 18-ASL | 18 | 457 | 54 | 1372 | 102 | 2591 | 36 | 914 | 33 | 838 | 64 | 1626 | 3 | 76 | 3 | 76 | 15 | 381 | 42 | 1067 | 12% | 314 | 4000 | 1814 |
| 20-ASL | 20 | 508 | 60 | 1524 | 100 | 2540 | 30 | 762 | 35 | 889 | 70 | 1778 | 3 | 76 | 3 | 76 | 19 | 483 | 45 | 1143 | 6% | 176 | 5800 | 2631 |
| 22-ASL | 22 | 559 | 60 | 1524 | 119 | 3023 | 48 | 1219 | 35½ | 902 | 70 | 1778 | 3 | 76 | 3 | 76 | 18 | 457 | 45 | 1143 | 7 | 178 | 6000 | 2722 |
| 24-ASL | 24 | 610 | 72 | 1829 | 131 | 3327 | 43 | 1092 | 44 | 1118 | 82 | 2083 | 3 | 76 | 3 | 76 | 22 | 559 | 45 | 1143 | 8 | 203 | 7000 | 3175 |

*Only available with NPT connection.

All dimensions and weights are approximate.

| | |
|------------------|-------------|
| Job Name _____ | Notes _____ |
| Engineer _____ | _____ |
| Contractor _____ | _____ |
| P.O. No. _____ | _____ |
| Sales Rep. _____ | _____ |
| Model No. _____ | _____ |

