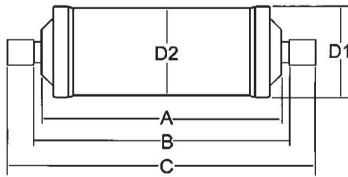




Features:

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 700 psig
- Maximum working temperature: 160°F/70°C
- Compatible with all CFC, HCFC, HFC and HFO refrigerants and oils, and refrigerants requiring XH-11 desiccant
- UL/cUL Listed, Conforms to EU Pressure Equipment Directive and UK Pressure Equipment Regulation
- Solid core design
- High retention filter for removal of particulate as small as 25 microns
- High pressure shell and connections
- Powder paint finish approved for marine applications
- 100% copper connection for solder models



| Part Number | Model | Des. Cu | Size (in) | A (in) | B (in) | C (in) | D1 (in) | D2 (in) | Wt (lb) | Liquid Capacity (tons) | | | | | | Water Capacity (drops) | | | | | | | | | | | |
|-------------|--------|---------|-----------|--------|--------|--------|---------|---------|---------|------------------------|----|----|----|----|----|------------------------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|
| | | | | | | | | | | R | R | R | R | R | R | R134a | | R404A | | R507 | | R22 | | R407C | | R410A | |
| | | | | | | | | | | 1 | 4 | 5 | 2 | 4 | 4 | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F |
| A 18598 | SD-032 | 3 | 1/4 | 2.57 | 3.30 | 4.03 | 1.85 | 1.69 | 0.42 | 2 | 1 | 1 | 2 | 2 | 2 | 82 | 70 | 87 | 78 | 87 | 77 | 80 | 71 | 74 | 52 | 59 | 51 |
| A 18599 | SD-033 | 3 | 3/8 | 2.57 | 3.30 | 4.03 | 1.85 | 1.69 | 0.43 | 4 | 3 | 3 | 4 | 4 | 4 | 82 | 70 | 87 | 78 | 87 | 77 | 80 | 71 | 74 | 52 | 59 | 51 |
| A 18654 | SD-052 | 5 | 1/4 | 2.94 | 3.67 | 4.40 | 2.32 | 2.10 | 0.54 | 2 | 1 | 1 | 2 | 2 | 2 | 157 | 131 | 166 | 146 | 167 | 145 | 152 | 132 | 137 | 90 | 103 | 90 |
| A 18655 | SD-053 | 5 | 3/8 | 2.94 | 3.67 | 4.40 | 2.32 | 2.10 | 0.56 | 4 | 3 | 3 | 4 | 4 | 4 | 157 | 131 | 166 | 146 | 167 | 145 | 152 | 132 | 137 | 90 | 103 | 90 |
| A 18656 | SD-082 | 8 | 1/4 | 3.98 | 4.70 | 5.43 | 2.32 | 2.10 | 0.73 | 2 | 1 | 1 | 2 | 2 | 2 | 255 | 212 | 269 | 237 | 271 | 235 | 246 | 215 | 222 | 145 | 166 | 144 |
| A 18657 | SD-083 | 8 | 3/8 | 3.98 | 4.70 | 5.43 | 2.32 | 2.10 | 0.74 | 4 | 3 | 3 | 5 | 4 | 4 | 255 | 212 | 269 | 237 | 271 | 235 | 246 | 215 | 222 | 145 | 166 | 144 |
| A 18658 | SD-084 | 8 | 1/2 | 3.98 | 4.84 | 5.71 | 2.32 | 2.10 | 0.76 | 8 | 6 | 6 | 9 | 8 | 8 | 255 | 212 | 269 | 237 | 271 | 235 | 246 | 215 | 222 | 145 | 166 | 144 |
| A 18699 | SD-163 | 16 | 3/8 | 4.33 | 5.06 | 5.79 | 3.12 | 2.92 | 1.42 | 5 | 3 | 3 | 5 | 5 | 5 | 473 | 402 | 498 | 444 | 501 | 439 | 459 | 405 | 419 | 296 | 330 | 291 |
| A 18700 | SD-164 | 16 | 1/2 | 4.33 | 5.19 | 6.06 | 3.12 | 2.92 | 1.46 | 10 | 7 | 7 | 10 | 10 | 10 | 473 | 402 | 498 | 444 | 501 | 439 | 459 | 405 | 419 | 296 | 330 | 291 |
| A 18701 | SD-165 | 16 | 5/8 | 4.33 | 5.28 | 6.22 | 3.12 | 2.92 | 1.50 | 12 | 10 | 10 | 14 | 13 | 14 | 473 | 402 | 498 | 444 | 501 | 439 | 459 | 405 | 419 | 296 | 330 | 291 |
| A 18702 | SD-166 | 16 | 3/4 | 4.33 | 5.51 | 6.69 | 3.12 | 2.92 | 1.54 | 13 | 11 | 10 | 15 | 14 | 16 | 473 | 402 | 498 | 444 | 501 | 439 | 459 | 405 | 419 | 296 | 330 | 291 |
| A 18703 | SD-167 | 16 | 7/8 | 4.33 | 5.35 | 6.77 | 3.12 | 2.92 | 1.58 | 12 | 11 | 11 | 15 | 15 | 17 | 473 | 402 | 498 | 444 | 501 | 439 | 459 | 405 | 419 | 296 | 330 | 291 |
| A 18741 | SD-303 | 30 | 3/8 | 7.33 | 8.06 | 8.79 | 3.15 | 3.00 | 3.07 | 5 | 3 | 3 | 5 | 4 | 5 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18742 | SD-304 | 30 | 1/2 | 7.33 | 8.20 | 9.07 | 3.15 | 3.00 | 3.10 | 10 | 7 | 7 | 11 | 10 | 11 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18743 | SD-305 | 30 | 5/8 | 7.33 | 8.28 | 9.22 | 3.15 | 3.00 | 3.12 | 14 | 11 | 11 | 16 | 15 | 16 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18800 | SD-306 | 30 | 3/4 | 7.33 | 8.52 | 9.70 | 3.15 | 3.00 | 3.20 | 13 | 11 | 11 | 15 | 15 | 16 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18744 | SD-307 | 30 | 7/8 | 7.33 | 8.36 | 9.78 | 3.15 | 3.00 | 3.24 | 19 | 15 | 14 | 21 | 20 | 22 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18745 | SD-309 | 30 | 1 1/8 | 7.33 | 8.16 | 9.81 | 3.15 | 3.00 | 3.26 | 24 | 20 | 19 | 28 | 27 | 30 | 949 | 813 | 999 | 893 | 1006 | 885 | 925 | 817 | 846 | 607 | 673 | 595 |
| A 18746 | SD-413 | 41 | 3/8 | 7.35 | 8.08 | 8.81 | 3.65 | 3.50 | 4.13 | 5 | 4 | 3 | 6 | 5 | 5 | 1279 | 1095 | 1346 | 1204 | 1355 | 1193 | 1246 | 1101 | 1140 | 819 | 908 | 802 |
| A 18747 | SD-414 | 41 | 1/2 | 7.35 | 8.22 | 9.09 | 3.65 | 3.50 | 4.02 | 10 | 8 | 8 | 11 | 11 | 12 | 1279 | 1095 | 1346 | 1204 | 1355 | 1193 | 1246 | 1101 | 1140 | 819 | 908 | 802 |
| A 18748 | SD-415 | 41 | 5/8 | 7.35 | 8.30 | 9.24 | 3.65 | 3.50 | 4.05 | 16 | 12 | 12 | 17 | 16 | 17 | 1279 | 1095 | 1346 | 1204 | 1355 | 1193 | 1246 | 1101 | 1140 | 819 | 908 | 802 |
| A 18749 | SD-417 | 41 | 7/8 | 7.35 | 8.38 | 9.80 | 3.65 | 3.50 | 4.04 | 19 | 15 | 15 | 22 | 21 | 23 | 1279 | 1095 | 1346 | 1204 | 1355 | 1193 | 1246 | 1101 | 1140 | 819 | 908 | 802 |
| A 18823 | SD-419 | 41 | 1 1/8 | 7.35 | 8.18 | 9.83 | 3.65 | 3.50 | 4.02 | 24 | 19 | 18 | 27 | 26 | 28 | 1279 | 1095 | 1346 | 1204 | 1355 | 1193 | 1246 | 1101 | 1140 | 819 | 908 | 802 |
| A 19154 | SD-607 | 60 | 7/8 | 13.27 | 14.29 | 15.71 | 3.15 | 3.00 | 2.47 | 21 | 15 | 15 | 23 | 23 | 23 | 1898 | 1626 | 1998 | 1786 | 2012 | 1770 | 1850 | 1634 | 1692 | 1214 | 1346 | 1190 |
| A 19155 | SD-609 | 60 | 1 1/8 | 13.27 | 14.10 | 15.75 | 3.15 | 3.00 | 2.47 | 25 | 18 | 18 | 27 | 27 | 27 | 1898 | 1626 | 1998 | 1786 | 2012 | 1770 | 1850 | 1634 | 1692 | 1214 | 1346 | 1190 |
| A 19156 | SD-757 | 75 | 7/8 | 13.27 | 14.29 | 15.71 | 3.65 | 3.50 | 6.90 | 23 | 17 | 17 | 26 | 26 | 26 | 2558 | 2190 | 2692 | 2408 | 2710 | 2386 | 2492 | 2202 | 2280 | 1638 | 1816 | 1604 |
| A 19157 | SD-759 | 75 | 1 1/8 | 13.27 | 14.10 | 15.75 | 3.65 | 3.50 | 3.19 | 27 | 19 | 19 | 29 | 29 | 29 | 2558 | 2190 | 2692 | 2408 | 2710 | 2386 | 2492 | 2202 | 2280 | 1638 | 1816 | 1604 |

Water capacity data rated according to AHRI 710 standards.