

A-AS Series Accumulator

Stretch to 28.5 tons (R22) nominal capacity

The Emerson A-AS series suction line accumulators are available for systems through 28.5 tons (R22) nominal capacity and are applicable with CFC, HCFC, HFC refrigerants.

Key features:

- Designed to operate in a range of +40°F to -40°F evaporator temperature
- Fusible plug available on larger diameter units
- Solid copper fittings for easy brazing
- Corrosion resistant epoxy powder paint finish
- Inlet deflector blends refrigerant flow to prevent internal splashing and aids in the collection of refrigerant oil in the bottom of the accumulator
- Internal orifice with strainer for optimum oil return
- Maximum working pressure
 - 3 – 4” diameter: 300 psig
 - 5 – 6” diameter: 575 psig
- Fusible Plug: 430°F



| PCN | Model Description | A Nominal Fitting Size (in) | B Diameter (in) | C Total Height (in) | D Fitting Separation (in) | Tons R-22 (+40°F) | Holding Capacity (Lbs) 5.0% Full | |
|--------|-------------------|---|-----------------------|------------------------------|------------------------------------|-------------------------|--|---------------------------|
| | | | | | | | 40°F liquid R22/R134a | 40°F liquid R404A/R507 |
| 016254 | A-AS 3 84 | 1/2 | 3" | 8 | 1.63 | 2.0 | 1.5 | 1.5 |
| 016256 | A-AS 3 105 | 5/8 | | 10 | 1.63 | 3.0 | 2.0 | 2.0 |
| 016257 | A-AS 3 125 | 5/8 | | 12 | 1.63 | 3.0 | 3.0 | 2.5 |
| 016258 | A-AS 3 126 | 3/4 | | 12 | 1.63 | 4.0 | 3.0 | 2.5 |
| 016259 | A-AS 3 145 | 5/8 | | 15 | 1.63 | 3.0 | 3.5 | 3.0 |
| 016260 | A-AS 3 146 | 3/4 | | 14 | 1.63 | 4.0 | 3.5 | 2.75 |
| 016261 | A-AS 4 64 | 1/2 | 4" | 6 | 2.50 | 2.0 | 2.5 | 2.0 |
| 016262 | A-AS 4 65 | 5/8 | | 6 | 2.50 | 3.0 | 2.5 | 2.0 |
| 016263 | A-AS 4 105 | 5/8 | | 10 | 2.50 | 3.0 | 4.0 | 3.5 |
| 016264 | A-AS 4 106 | 3/4 | | 10 | 2.50 | 4.0 | 4.0 | 3.5 |
| 016265 | A-AS 5 96 | 3/4 | 5" | 9 | 2.75 | 4.0 | 6.0 | 5.5 |
| 016266 | A-AS 5 97 | 7/8 | | 9 | 2.75 | 7.3 | 6.0 | 5.5 |
| 016267 | A-AS 5 126 | 3/4 | | 12 | 2.75 | 4.0 | 8.0 | 7.5 |
| 016268 | A-AS 5 127 | 7/8 | | 12 | 2.75 | 7.3 | 8.0 | 7.5 |
| 016269 | A-AS 5 137 | 7/8 | | 13 | 2.75 | 7.3 | 8.5 | 8.0 |
| 016270 | A-AS 5 139 | 1-1/8 | | 13 | 2.75 | 11.8 | 8.5 | 8.0 |
| 016271 | A-AS 5 179 | 1-1/8 | | 17 | 2.75 | 11.8 | 12.0 | 10.0 |
| 016272 | A-AS 5 1711 | 1-3/8 | | 17 | 2.75 | 18.8 | 12.0 | 10.0 |
| 016273 | A-AS 6 117 | 7/8 | 6" | 11 | 2.94 | 7.3 | 10.0 | 9.0 |
| 016274 | A-AS 6 137 | 7/8 | | 13 | 2.94 | 7.3 | 12.0 | 11.0 |
| 016275 | A-AS 6 139 | 1-1/8 | | 13 | 2.94 | 11.8 | 12.0 | 11.0 |
| 016276 | A-AS 6 1411 | 1-3/8 | | 14 | 2.94 | 18.8 | 15.0 | 12.0 |
| 016277 | A-AS 6 1713 | 1-5/8 | | 17 | 2.94 | 28.5 | 16.0 | 15.0 |
| 016279 | A-AS 6 2013 | 1-5/8 | | 20 | 2.94 | 28.5 | 20.0 | 16.0 |
| 016281 | A-AS 6 2513 | 1-5/8 | | 25 | 2.94 | 28.5 | 25.0 | 20.0 |