



A-AS 597

A-AS Series Suction Accumulators

The A-AS protects the compressor from liquid slugging and is used with CFC, HCFC and HFC refrigerants. It is available for systems through 28 tons nominal capacity.

Features

- Designed to operate in a range of +40°F to -40°F evaporator temperature
- Fusible plug on larger diameter units
- Solid copper connections
- Corrosion resistant epoxy powder paint finish
- Inlet deflector directs refrigerant flow to prevent internal splashing and aid in the collection of refrigerant oil

Specifications

Maximum working pressure450 psig (31 bar)
 Fusible plug temperature.....430°F (221°C)
 UL/CUL file number.....SA 10225
 Canadian CRN.....OH20236-5C

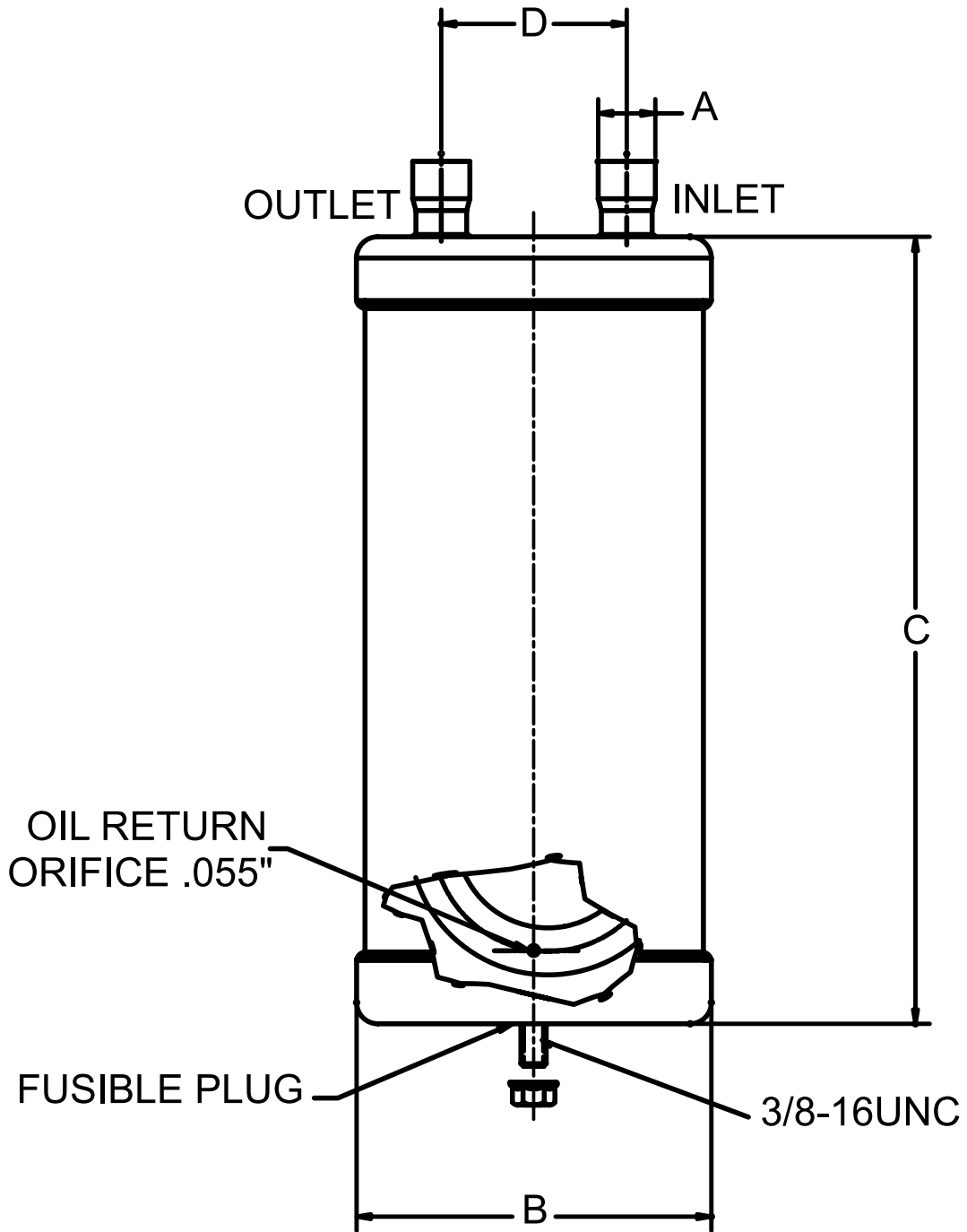
Model number nomenclature - Example: A-AS 3125

Series	Accumulator suction	Diameter	Height	Fitting size	Sequential identifier	Customer special	Pack type
A	AS	3	12	5			
Suction Accumulators		In Cubic In.	In Cubic In.	Fitting Size In 1/8" Increments	Blank Thru -99	G = Customer Special (Omit for Standard)	B1 = Bulk Pack P1 = Pallet Pack (Omit for Individual Pack)

A-AS Series Suction Accumulators

(B) diam. (in)	(C) height (in)	(A) fitting size	(D) fitting sep. (in)	Flow capacity tons (+40°F)		Holding capacity (lbs) 50% of system charge 40°F liquid					Model number	Order number
				R-404a	R-410a	R-22 / R-134a	R-404a / R-507	R-410a	R-448a / R-449a	R-450a / R-513a		
3	8	1/2" ODF	1.63	1.7	2.4	1.1	1	1	1.4	1.4	A-AS 384	060819
3	10	5/8" ODF	1.63	2.6	3.7	1.3	1.2	1.2	1.8	1.9	A-AS 3105	060963
3	12	5/8" ODF	1.63	2.6	3.7	1.6	1.4	1.5	2.8	2.9	A-AS 3125	060812
3	12	3/4" ODF	1.63	3.5	4.9	1.6	1.4	1.5	2.8	2.9	A-AS 3126	060813
3	14	5/8" ODF	1.63	2.6	3.7	1.9	1.7	1.8	3.2	3.3	A-AS 3145	060964
3	14	3/4" ODF	1.63	3.5	4.9	1.9	1.7	1.8	3.2	3.3	A-AS 3146	060965
4	6	1/2" ODF	2.50	1.7	2.4	1.4	1.2	1.3	2.3	2.4	A-AS 464	060967
4	6	5/8" ODF	2.50	2.6	3.7	1.4	1.2	1.3	2.3	2.4	A-AS 465	060821
4	10	5/8" ODF	2.50	2.6	3.7	2.4	2.2	2.2	3.7	3.8	A-AS 4105	060966
4	10	3/4" ODF	2.50	3.5	4.9	2.4	2.2	2.2	3.7	3.8	A-AS 4106	060820
5	9	3/4" ODF	2.75	3.5	4.9	3.8	3.4	3.6	5.5	5.7	A-AS 596	060824
5	9	7/8" ODF	2.75	6.4	8.9	3.8	3.4	3.6	5.5	5.7	A-AS 597	060818
5	12	3/4" ODF	2.75	3.5	4.9	4.7	4.2	4.3	7.4	7.7	A-AS 5126	060822
5	12	7/8" ODF	2.75	6.4	8.9	4.7	4.2	4.3	7.4	7.7	A-AS 5127	060823
5	13	7/8" ODF	2.75	6.4	8.9	5.3	4.7	4.9	7.9	8.1	A-AS 5137	060814
5	13	1-1/8" ODF	2.75	10.3	14.5	5.3	4.7	4.9	7.9	8.1	A-AS 5139	060815
5	17	1-1/8" ODF	2.75	10.3	14.5	6.3	5.5	5.8	11.1	11.5	A-AS 5179	060817
5	17	1-3/8" ODF	2.75	16.4	23	6.3	5.5	5.8	11.1	11.5	A-AS 51711	060816
6	11	7/8" ODF	2.94	6.4	8.9	6.2	5.5	5.7	9.2	9.6	A-AS 6117	060825
6	13	7/8" ODF	2.94	6.4	8.9	7	6.3	6.5	11.8	12.3	A-AS 6137	060826
6	13	1-1/8" ODF	2.94	10.3	14.5	7.1	6.3	6.5	11.8	12.3	A-AS 6139	060968
6	14	1-3/8" ODF	2.94	16.4	23	7.7	6.9	7.2	13.0	13.5	A-AS 61411	060827
6	17	1-5/8" ODF	2.94	24.8	34.9	9.3	8.3	8.7	16.0	16.6	A-AS 61713	060969
6	20	1-5/8" ODF	2.94	24.8	34.9	11	9.9	10.3	19.0	19.7	A-AS 62013	060828
6	25	1-5/8" ODF	2.94	24.8	34.9	13.5	12	12.5	23.8	24.7	A-AS 62513	060970

Dimensional data



Capacity tables

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