



A-WZ 55889

A-F / A-W / A-WZ Series Oil Separators

The A-W and A-F are used for multiple compressor racks in supermarkets and air conditioning systems for use with HCFCs, HFCs and their lubricants

Features

- Hermetic welded or accessible bolted flange construction
- Solid copper connections for A-W and A-F
- Nickel plated steel connections for A-WZ
- Corrosion resistant epoxy powder paint

Specifications

Maximum working pressure	A-W / A-F 450 psi (31 bar)
	A-WZ 4" shell 600 psig (41 bar)
	A-WZ 6" shell 680 psig (47 bar)
UL/CUL file number	A-W / A-F SA10468
	A-WZ SA8547
Canadian CRN	(Excludes A-WZ) 0H20236-5C
CE marking	A-WZ PED 97/23EC

Model number nomenclature - Example: A-F 579213

Series	Connection flare	Style	Unique identifier	Connection size	Sequential identifier	Customer special	Pack type
A		F	5792	13			
A-W / A-F Series	X - 3/8" flare Omit for 1/4" flare	F = Flanged W = Welded WZ = Welded High Pressure		In 1/8" Increments	Blank Thru -99	G = Customer Special (Omit for Standard)	B1 = Bulk Pack (Omit for Individual Pack)

A-F, A-W Oil Separators

F = flanged W = welded	Maximum working Pressure (psi)	Shell diameter (in)	Length (in)	Connection size (odf)	Discharge maximum (cfm)	Pre-charge amount (oz)	Maximum capacity of refrigeration at evaporator temperature (tons/kw)							Item number
							R-134a / R-450a / R-513a		R-22 / R-407c / R-448a / R-449a		R-404a / R-507			
							-40°F/c	+40°F (4°C)	-40°F/c	+40°F (4°C)	-40°F/c	+40°F (4°C)		
F	450	4	10.5	1/2"	1.49	17	1.0 (3.5)	1.8 (6.2)	1.5 (5.3)	2.0 (7.1)	1.5 (5.3)	2.0 (7.0)	A-F 58824	060877
F	450	6	15	5/8"	3.42	17	3.3 (11.5)	4.5 (15.9)	4.5 (15.9)	5.5 (19.5)	4.0 (14.2)	5.5 (19.0)	A-F 58855	060878
F	450	4	18	7/8"	6.05	17	4.8 (16.8)	6.5 (23.0)	7.0 (24.8)	8.0 (28.3)	6.5 (23.0)	8.5 (30.0)	A-F 58877	060879
F	450	4	21.25	1-1/8"	8.28	17	6.5 (23.0)	8.5 (30.1)	9.0 (31.9)	11.0 (37.2)	8.5 (30.1)	11.0 (38.0)	A-F 58889	060759
F	450	4	21.38	1-3/8"	9.99	17	8.0 (28.3)	11.5 (40.7)	11.5 (40.7)	14.0 (47.8)	10.5 (37.2)	14.0 (49.0)	A-F 589011	060760
F	450	4	21.75	1-5/8"	10.66	17	9.5 (33.6)	13.3 (46.9)	14.0 (49.6)	17.7 (62.0)	14.0 (49.6)	17.0 (60.0)	A-F 589213	060761
F	450	6	29.12	1-5/8"	23.93	21	11.8 (41.6)	16.0 (56.6)	16.0 (56.6)	18.0 (63.7)	17.5 (62.0)	23.0 (81.0)	A-F 579213¹	060875
F	450	6	29.31	2-1/8"	30.93	21	18.0 (63.7)	25.6 (89.4)	25.0 (88.5)	30.0 (106.0)	26.0 (92.0)	34.0 (121.0)	A-F 579417¹	060876
W	450	4	10.75	1/2"	1.49	17	1.0 (3.5)	1.8 (6.2)	1.5 (5.3)	2.0 (7.1)	1.5 (5.3)	2.0 (7.0)	A-W 55824	060933
W	450	4	13.2	5/8"	3.42	17	3.3 (11.5)	4.5 (15.9)	4.5 (15.9)	5.5 (19.5)	4.0 (14.2)	5.5 (19.0)	A-W 55855	060934
W	450	4	15	7/8"	6.05	17	4.8 (16.8)	6.5 (23.0)	7.0 (24.8)	8.0 (28.3)	6.5 (23.0)	8.5 (30.0)	A-W 55877	060931
W	450	4	16.25	1-1/8"	8.28	17	6.5 (23.0)	8.5 (30.1)	9.0 (31.9)	11.0 (37.2)	8.5 (30.1)	11.0 (38.0)	A-W 55889	060974
W	450	4	19.5	1-3/8"	9.99	17	8.0 (28.3)	11.5 (40.7)	11.5 (40.7)	14.0 (47.8)	10.5 (37.2)	14.0 (49.0)	A-W 559011	060930
W	450	4	19.88	1-5/8"	10.66	17	9.5 (33.6)	13.3 (46.9)	14.0 (49.6)	17.7 (62.0)	14.0 (49.6)	17.0 (60.0)	A-W 559213	060975
W	450	6	15.75	1-3/8"	12.27	20	9.5 (33.4)	13.7 (48.2)	13.0 (45.8)	14.0 (49.8)	11.0 (38.7)	19.0 (66.9)	A-W 569011	060978
W	450	6	19	1-5/8"	14.51	20	11.8 (41.6)	16.0 (56.6)	16.0 (56.6)	18.0 (63.7)	17.5 (62.0)	23.0 (81.0)	A-W 569213	060979
W	450	6	19.5	2-1/8"	21.29	20	18.0 (63.7)	25.6 (89.4)	25.0 (88.5)	30.0 (106.0)	26.0 (92.0)	34.0 (121.0)	A-W 569417	060980

¹ Replaceable Float

A-WZ Oil Separators

F = flanged w = welded	Maximum working pressure (psi)	Shell diameter (in)	Length (in)	Connection size (odf)	Discharge maximum (cfm)	Pre-charge amount (oz)	Maximum capacity of refrigeration at evaporator temperature (tons/kw)								Model number	Item number
							R-134a / r-450a / R-513a		R-22 / r-407c / r-448a / r-449a		R-404a / r-507		R-410a			
							-40°F/c	+40°F (4°C)	-40°F/c	+40°F (4°C)	-40°F/c	+40°F (4°C)	-40°F/c	+40°F (4°C)		
W	600	4	10.88	1/2"	1.49		1.0 (3.5)	1.8 (6.2)	1.5 (5.3)	2.0 (7.1)	1.5 (5.3)	2.0 (7.0)	2.7 (9.0)	3.1 (11.0)	A-XWZ 55824	066680
W	600	4	10.88	1/2"	1.49	17	1.0 (3.5)	1.8 (6.2)	1.5 (5.3)	2.0 (7.1)	1.5 (5.3)	2.0 (7.0)	2.7 (9.0)	3.1 (11.0)	A-WZ 55824	066135
W	600	4	13.31	5/8"	3.42	17	3.3 (11.5)	4.5 (15.9)	4.5 (15.9)	5.5 (19.5)	4.0 (14.2)	5.5 (19.0)	7.4 (26.0)	8.4 (29.0)	A-WZ 55855	066136
W	600	4	15.13	7/8"	6.05	17	4.8 (16.8)	6.5 (23.0)	7.0 (24.8)	8.0 (28.3)	6.5 (23.0)	8.5 (30.0)	11.0 (38.0)	12.0 (43.0)	A-WZ 55877	066137
W	600	4	16.38	1-1/8"	8.28	17	6.5 (23.0)	8.5 (30.1)	9.0 (31.9)	11.0 (37.2)	8.5 (30.1)	11.0 (38.0)	15.0 (52.0)	17.0 (59.0)	A-WZ 55889	066138
W	600	4	19.63	1-3/8"	9.99	17	8.0 (28.3)	11.5 (40.7)	11.5 (40.7)	14.0 (47.8)	10.5 (37.2)	14.0 (49.0)	19.0 (66.0)	21.0 (75.0)	A-WZ 559011	066139
W	680	6	15.5	1-1/8"	10.05	25	7.7 (27.0)	9.4 (33.0)	11.1 (39.0)	13.3 (46.6)	10.6 (37.3)	14.0 (49.1)	18.2 (63.9)	20.6 (72.5)	A-WZ 56909	066140
W	680	6	15.75	1-3/8"	12.27	25	9.4 (33.0)	11.5 (40.3)	13.5 (47.6)	16.2 (56.9)	12.9 (45.5)	17.0 (60.0)	22.2 (77.9)	25.1 (88.4)	A-WZ 569011	066141
W	680	6	18.5	1-5/8"	14.51	25	11.1 (39.0)	13.6 (47.7)	16.0 (56.3)	19.1 (67.3)	15.3 (53.8)	20.2 (70.9)	27.4 (96.4)	30.9 (108.8)	A-WZ 569213	066143

A-WC / A-FC series parts list

Description	Model number	Item number
Oil Separator Flange Gasket	Oil separator kit	065849
Flange with Integral Float Assembly and Flange Gasket, Repairs A-FC, AF, AC and R Series S1900 Standard and 5200 Helical Oil Separators	Float repair kit	065847

