



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, A-WZ OIL SEPARATORS**

F = FLANGED W = WELDED	MAXIMUM WORKING PRESSURE (PSI)	SHELL DIAMETER (IN)	LENGTH (IN)	CONNECTION SIZE (ODF)	DISCHARGE MAXIMUM (CFM)	MAXIMUM CAPACITY OF REFRIGERATION AT EVAPORATOR TEMPERATURE (TONS/KW)								MODEL NUMBER	ITEM NUMBER
						R-134a / R-448A / R-449A		R-22 / R-407C / R-450A / R-513A		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)		
F	450	4	10.50	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)	—	—	A-F 58824	060877
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
F	450	6	15.00	5/8"	3.42	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	18.00	7/8"	6.05	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	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	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	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	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 579213 <sup>1</sup>	060875
F	450	6	29.31	2-1/8"	30.93	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 579417 <sup>1</sup>	060876
W	450	4	10.75	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)	—	—	A-W 55824	060933
W	450	4	13.20	5/8"	3.42	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	15.00	7/8"	6.05	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	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	19.50	1-3/8"	9.99	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	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	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	19.00	1-5/8"	14.51	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

**A-F, A-W, A-WZ OIL SEPARATORS (CONTINUED)**

F = FLANGED W = WELDED	MAXIMUM WORKING PRESSURE (PSI)	SHELL DIAMETER (IN)	LENGTH (IN)	CONNECTION SIZE (ODF)	DISCHARGE MAXIMUM (CFM)	MAXIMUM CAPACITY OF REFRIGERATION AT EVAPORATOR TEMPERATURE (TONS/KW)								MODEL NUMBER	ITEM NUMBER
						R-134a / R-448A / R-449A		R-22 / R-407C / R-450A / R-513A		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	450	6	19.50	2-1/8"	21.29	18.0 (63.7)	25.6 (89.4)	18.0 (63.7)	25.6 (89.4)	26.0 (92.0)	34.0 (121.0)	—	—	A-W 569417	060980
W	600	4	10.88	1/2"	1.49	1.0 (3.5)	1.8 (6.2)	1.0 (3.5)	1.8 (6.2)	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	3.3 (11.5)	4.5 (15.9)	3.3 (11.5)	4.5 (15.9)	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	4.8 (16.8)	6.5 (23.0)	4.8 (16.8)	6.5 (23.0)	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	6.5 (23.0)	8.5 (30.1)	6.5 (23.0)	8.5 (30.1)	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	8.0 (28.3)	11.5 (40.7)	8.0 (28.3)	11.5 (40.7)	10.5 (37.2)	14.0 (49.0)	19.0 (66.0)	21.0 (75.0)	A-WZ 559011	066139
W	680	6	15.50	1-1/8"	10.05	7.7 (27.0)	9.4 (33.0)	7.7 (27.0)	9.4 (33.0)	10.6 (37.3)	14.0 (49.1)	18.2 (63.9)	20.6 (72.5)	A-WZ 56909	066140
W	680	6	18.50	1-1/8"	10.05	7.7 (27.0)	9.4 (33.0)	7.7 (27.0)	9.4 (33.0)	10.6 (37.3)	14.0 (49.1)	18.2 (63.9)	20.6 (72.5)	A-WZ 56929	066142
W	680	6	15.75	1-3/8"	12.27	9.4 (33.0)	11.5 (40.3)	9.4 (33.0)	11.5 (40.3)	12.9 (45.5)	17.0 (60.0)	22.2 (77.9)	25.1 (88.4)	A-WZ 569011	066141
W	680	6	18.50	1-5/8"	14.51	11.1 (39.0)	13.6 (47.7)	11.1 (39.0)	13.6 (47.7)	15.3 (53.8)	20.2 (70.9)	27.4 (96.4)	30.9 (108.8)	A-WZ 569213	066143

<sup>1</sup> Replaceable Float

**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



Detailed Product Drawings