

A-WZ Oil Separators

The A-WZ is used for multiple compressor racks in supermarkets and air conditioning systems for use with HCFCs, HFCs and their lubricants. Suitable for use with R-410A. The 6" model can also be used for CO₂ (R-744)

Features

- Hermetic welded construction
- Nickel plated steel connections
- Corrosion resistant epoxy powder paint

Specifications

- Maximum working pressure: 4 inch shell = 600 psig
6 inch shell = 680 psig
- UL/CUL file number: SA8547
- CE marked per PED 97/23EC



Nomenclature example: A-WZ 55824

A	WZ	5582	4
Series	W = Welded	Model Number	Connection Size (in 1/8")

Ordering Information and Capacity Table

PCN	Model	Solder Connection Size (ODF) (in.)	Shell OD (in.) A	Length (in.)	Maximum Capacity of Refrigeration at Evaporator Temperature																	Discharge Maximum CFM	Oil Pre-Charge Amount (oz)					
					R-134a/R-450A/R-513A				R-22/R-40C R-448A/R-449A				R-404A/R-507				R-410A				R-744							
					-40F/C		40F (4C)		-40F/C		40F (4C)		-40F/C		40F (4C)		-40 F/C		40F (4C)		-40F/C			-20F (-28C)		0F (-17.7C)		
					Tons	kW	Tons	kW	Tons	kW	Tons	kW	Tons	kW	Tons	kW	Tons	kW	Tons	kW	Tons			kW	Tons	kW	Tons	kW
066135	A-WZ 55824	1/2	4	10.88	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	N/A					1.49	17	
066136	A-WZ 55855	5/8		13.31	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	N/A					3.42		
066137	A-WZ 55877	7/8		15.13	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	N/A					6.05		
066138	A-WZ 55889	1 1/8		16.38	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	N/A					8.28		
066139	A-WZ 559011	1 3/8		19.63	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	N/A					9.99		
066140	A-WZ 56909	1 1/8	6"	15.50	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	28.6	100.7	28.7	101.0	28.6	100.4	10.05	25
066141	A-WZ 569011	1 3/8		15.75	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	34.9	122.9	35.0	123.3	34.9	122.6	12.27	
066142	A-WZ 56929	1 1/8		18.50	7.7	27.0	9.4	33.0	11.1	4.0	13.3	46.6	10.6	37.3	14.0	49.7	18.2	63.9	20.6	72.5	28.6	100.7	28.7	101.0	28.6	100.4	10.05	
066143	A-WZ 569213	1 5/8		18.50	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	41.3	145.4	41.4	145.8	41.2	144.9	14.51	

6" inch models are available for use with CO₂ (R-744)

Note: Capacities for CO₂ (R-744) are based on 20° F condensing temperature. Capacities for all other refrigerants are at 100° F condensing temperature.

Dimensional Data

