

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 in shell = 600 psig
6 in 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	Description	Solder Connection Size (ODF) (in.)	Shell OD (in.)	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-407C R-448A/ R-449A				R-404A/R-507				R-410A						R-744
					-40F/C		40F (4C)		-40F/C		40F (4C)		-40F/C		40F (4C)		-40F/C		40F (4C)				
					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	3.5	1.8	6.2	1.5	5.3	2	7.1	1.5	5.3	2	7.0	2.7	9	3.1	11		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	14.2	5.5	19.0	7.4	26	8.4	29		3.42	
066137	A-WZ 55877	7/8		15.13	4.8	16.8	6.5	23	7	24.8	8	28.3	6.5	23	8.5	30.0	11	38	12	43		6.05	
066138	A-WZ 55889	1 1/8		16.38	6.5	23	8.5	30.1	9	31.9	11	37.2	8.5	30.1	11	38.0	15	52	17	59		8.28	
066139	A-WZ 559011	1 3/8		19.63	8	28.3	11.5	40.7	11.5	40.7	14	47.8	10.5	37.2	14	49.0	19	66	21	75		9.99	
066140	A-WZ 56909	1 1/8	6"	15.50	9.5	33.6	13.3	46.9	13	45.8	14	49.8	11	38.7	19	66.9	18	62	20	70		10.05	25
066141	A-WZ 569011	1 3/8		15.75	9.5	33.4	13.7	48.2	14	49.6	18	62	14	49.6	17	60.0	19	66	21	75		12.27	
066142	A-WZ 56929	1 1/8		18.50	11.8	41.6	16	56.6	16	56.6	18	63.7	17.5	62	23	81	18	64	21	72		14.51	
066143	A-WZ 569213	1 5/8		18.50	18	63.7	25.6	89.4	25	88.5	30	106	26	92.	34	121	24	85	28	96		21.29	

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

