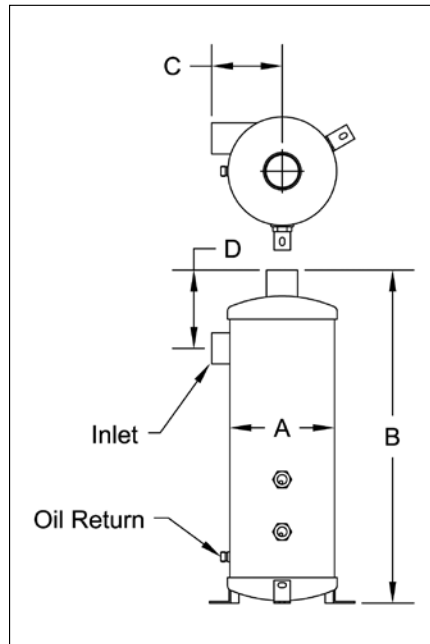


Centrifugal Oil Separators/Reservoirs

Maximum Working Pressure—450 psig



Centrifugal Oil Separators/Reservoirs

CRN OH11138.5C

This product is designed to remove large quantities of oil at a wide range of operating capacities. Field tests have shown these oil separators to be up to 99% effective—even in high oil loading conditions. **This separator/reservoir is particularly effective for use with screw compressor systems.**

The oil separator portion is divided from the reservoir by an internal baffle, which protects the oil in the reservoir from the turbulent action of the oil separator. Two sight glasses provide visual indication of the oil level. It is best to maintain the oil level between the two glasses. A 3/8" flare Rotolock valve is included for installation on the oil return port.

Select an oil separator based on the system's tonnage under normal operating conditions. This is the capacity or compressor(s) BTUs based on the refrigerant gas at the saturated suction and condensing temperatures of the operating system. For optimum sizing, select an oil separator with a capacity closest to the system's load at the evaporating temperature (see page 15). Minimum tonnage is 30% of the rated capacity.



For refrigerants and conditions not listed, see our sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

Catalog Number	ODS Conn. Size	Dimensions				Max. Capacity in Tons of Refrigeration						Maximum Discharge (CFM)	Oil Capacity in Gallons
						R-134A		R-22		R-404A			
		A	B	C	D	-40°F	+40°F	-40°F	+40°F	-40°F	+40°F		
OS4-07RES	7/8"	4"	33"	3"	4"	6	7	9	10	8	9	7.5	2
OS4-11RES	1-1/8"	4"	33"	3"	4"	8	10	12	13	11	12	10	2
OS6-13RES	1-3/8"	6"	33.5"	4.38"	5"	10	13	16	18	15	19	12	1.50
OS6-15RES	1-5/8"	6"	33.5"	4.5"	5"	15	17	20	23	19	24	17	1.50
OS6-21RES	2-1/8"	6"	33.5"	5.25"	5.9"	23	27	32	38	30	39	27	1.50
OS8-21RES	2-1/8"	8"	25.5"	5.41"	6"	28	34	45	50	39	52	38	2.00
OS10-25RES	2-5/8"	10"	30"	6.34"	6.5"	58	70	90	100	80	105	76	2.50
OS12-31RES	3-1/8"	12.75"	30"	7.75"	9"	90	110	140	160	125	165	118	4.00

All capacities shown are based on 100° F condensing temperature. **450 psig maximum working pressure.**

Note: These oil separators must be used with an oil pressure reducing valve. The oil pressure will be the same as discharge pressure.