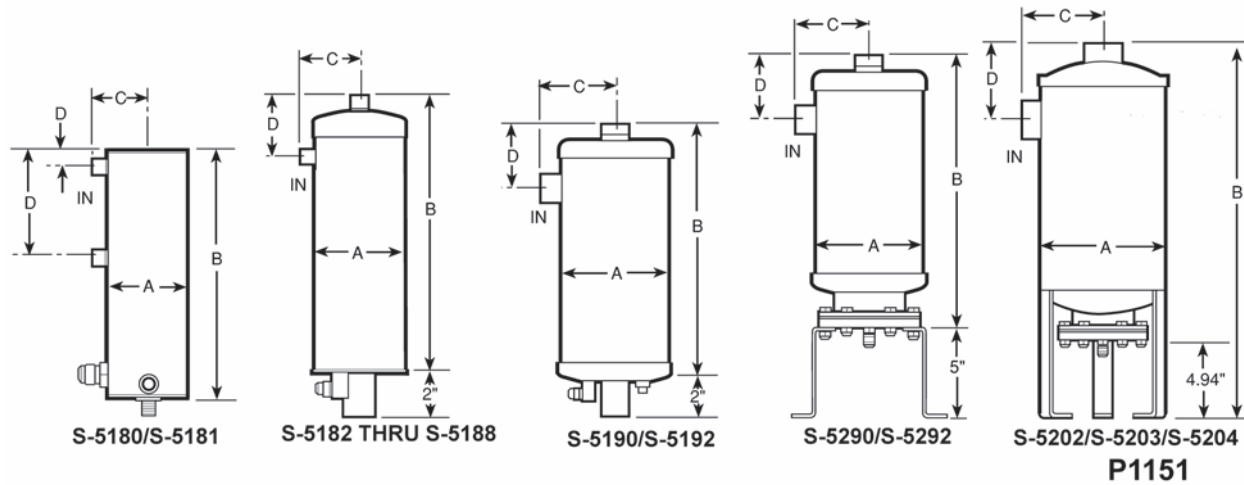


HELICAL OIL SEPARATORS



The helical oil separator features a centrifugal flow path achieving approximately 99% efficiency of oil separation with low pressure drop.

PART NO	SIZE CONN	DIMENSIONS (in.)				MAX. CAPACITY IN TONS OF REFRIGERATION AT EVAPORATOR TEMPERATURE						NOMINAL DISCHARGE CFM	PRE-CHARGED AMOUNT (oz)
						R-134a		R-22		R-404A/R-507			
		A	B	C	D	-40°F	+40°F	-40°F	+40°F	-40°F	+40°F		
S-5180	1/4 ODS	2.50	6.38	1.75	.44	.50	.75	.75	1.00	.75	1.00	.75	14
S-5181	3/8 ODS	2.50	7.50	1.75	.50	.75	1.00	1.00	1.50	1.00	1.50	1.00	14
S-5182	1/2 ODS	4	13	2.75	2.44	1.00	1.50	1.50	2.00	1.50	2.00	1.50	14
S-5185	5/8 ODS	4	15	2.75	2.50	3.00	4.00	4.50	5.50	4.00	5.50	4.00	14
S-5187	7/8 ODS	4	17	3	2.94	4.50	5.50	7.00	8.00	6.50	8.50	6.00	14
S-5188	1-1/8 ODS	4	19	3	3.06	6.00	7.50	9.00	10.50	8.50	11.00	8.00	14
S-5190	1-3/8 ODS	6	15	4.25	3.69	8.00	10.00	13.00	14.00	12.00	15.00	11.00	40
S-5192	1-5/8 ODS	6	17	4.25	3.95	11.00	13.00	16.00	18.00	15.00	19.00	14.00	40
S-5194	2-1/8 ODS	6	17	4.38	4.19	18.00	21.00	25.00	30.00	24.00	31.00	22.00	40
S-5290	1-3/8 ODS	6	15	4.25	3.69	8.00	10.00	13.00	14.00	12.00	15.00	11.00	25
S-5292	1-5/8 ODS	6	17	4.25	3.95	11.00	13.00	16.00	18.00	15.00	19.00	14.00	25
S-5294	2-1/8 ODS	6	17	4.38	4.19	18.00	21.00	25.00	30.00	24.00	31.00	22.00	25
S-5202	2-1/8 ODS	8	24	5.38	5.06	22.00	27.00	35.00	39.00	31.00	41.00	29.00	25
S-5203	2-5/8 ODS	10	27	6.50	5.63	46.00	56.00	71.00	80.00	64.00	83.00	60.00	25
S-5204	3-1/8 ODS	12	30	7.75	6.45	72.00	88.00	112.00	127.00	100.00	131.00	94.00	25

S-5100's - Connections are nickel plated steel.
 S-5200's - Connections are copper plated steel.
 All the capacities shown are based on 100° F condensing.
 Minimum tonnage is 33% of rated capacity, oversizing is not acceptable.