

Description	Connections Inlet/outlet (Inch)	Drying Capacity (kg refrigerant) ¹										Liquid Capacity (Kw) ²			
		R-134a		R-22		R-407C		R-410A		R-404A/507		R-134a	R-22/R410A	R-407C	R-404A/507
		24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C				
032F	1/4 SAE											7	7.7	7.35	4.9
032S	1/4 ODS											9.45	10.15	10.15	7
033F	3/8 SAE	2.26	2.15	2.26	1.98	1.92	1.47	1.25	1.13	2.20	2.15	10.5	11.55	11.2	7.7
033F	3/8 ODS											10.5	11.55	11.2	7.7
052F	1/4 SAE											8.75	8.4	8.75	6.3
052S	1/4 ODS											12.25	12.6	12.25	8.75
053F	3/8 SAE	6.66	6.10	6.49	5.53	5.53	4.40	3.67	3.39	6.77	6.10	12.25	13.3	13.3	8.75
053S	3/8 ODS											16.1	16.8	16.8	12.25
082F	1/4 SAE											8.4	9.1	8.75	6.65
082S	1/4 ODS											10.5	12.25	12.25	8.75
083F	3/8 SAE											14	15.75	15.75	10.5
083S	3/8 ODS	13.54	12.53	13.44	11.29	11.29	8.75	9.03	6.77	12.70	12.42	15.75	17.15	17.15	12.25
084F	1/2 SAE											23.45	26.25	24.5	17.5
084S	1/2 ODS											24.85	26.95	26.25	17.5
163F	3/8 SAE											14	14.7	14.7	10.5
163S	3/8 ODS											15.75	16.8	16.45	11.2
163R	11/16-16 ORFS											13.65	14.7	14.35	9.8
164F	1/2 SAE											29.75	33.25	32.2	21.7
164S	1/2 ODS	21.16	19.19	20.88	17.78	17.21	13.54	11.68	10.72	19.75	19.18	29.75	33.25	31.5	21.7
164R	13/16-16 ORFS											29.75	32.2	31.5	21.7
165F	5/8 SAE											33.95	36.75	36.05	24.5
165S	5/8 ODS											35.35	38.15	37.45	25.55
165R	1"-14 ORFS											34.3	36.75	36.05	24.5
303F	3/8 SAE											15.75	16.8	16.1	12.25
303S	3/8 ODS											22.4	23.8	23.45	16.8
303R	11/16-16 ORFS											15.4	16.8	16.1	11.9
303 ORN	3/8" O-Ring											15.75	16.8	16.1	11.9
304F	1/2 SAE											29.75	31.5	30.1	21
304S	1/2 ODS											36.75	38.15	37.1	26.25
304R	13/16-16 ORFS	37.46	34.54	37.13	31.83	30.93	24.55	29.06	20.03	35.55	34.42	29.75	31.5	30.1	21
305F	5/8 SAE											37.8	41.3	39.55	27.65
305S	5/8 ODS											37.8	41.3	39.55	27.65
305R	1"-14 ORFS											37.8	41.3	39.55	27.65
306F	3/4 SAE											52.5	57.75	54.95	27.65
306S	3/4 ODS											52.5	57.75	54.95	38.15
307S	7/8 ODS											59.15	64.75	62.65	43.75
309S	1 1/8 ODS											69.65	75.25	72.8	50.75
414F	1/2 SAE											36.75	40.25	40.25	26.6
414S	1/2 ODS											38.15	41.3	41.3	27.65
415-4F	1/2 SAE IN & 5/8 SAE OUT											37.8	40.25	41.3	27.3
415-4R	13/16-16 ORFS IN & 1"-14 ORFS OUT	52.94	48.25	51.92	44.30	43.17	34.31	40.35	26.24	49.38	47.97	37.8	40.25	40.25	27.65
415F	5/8 SAE											43.75	47.25	44.1	30.8
415S	5/8 ODS											42.7	47.6	45.5	30.8
417S	7/8 ODS											71.75	78.75	76.3	52.15
419S	1 1/8 ODF											97.3	106.75	104.3	71.75

1) Drying capacity is based on following moisture content test standards before and after drying-
R134a: From 1050 ppm W to 75 ppm W. If drying to 50 ppm W is required, reduce stated capacities by 15%.
R404A/R507: From 1020 ppm W to 30 ppm W.
R407C: From 1020 ppm W to 30 ppm W.
R410A: From 1050 ppm W to 60 ppm W.
R22: From 1050 ppm W to 60 ppm W in accordance with ARI 710-86.

2) Given in accordance with ARI 710-86 for $t_e = -15^\circ\text{C}$ (5°F) $t_c = 30^\circ\text{C}$ (85°F) and $\Delta P = 0.07$ bar (1 psig)