



THE PERFECT FILTER-DRIER

22, 134a, 404A, 407C, 410A, 507

Liquid Line Ratings and Selection Recommendations

TYPE	③SURFACE FILTERING AREA – cm ²	②RATINGS AT ARI STANDARD CONDITIONS														SELECTION RECOMMENDATIONS (kW)					
		WATER CAPACITY – DROPS										①REFRIGERANT FLOW CAPACITY kW at 0.07 bar ΔP				REFRIGERATION			AIR CONDITIONING		
		R-22 60 PPM		R-134a 50 PPM		R-404A & 507 50 PPM		R-407C 50 PPM		R-410A 50 PPM						COMMERCIAL & LOW TEMPERATURE EQUIPMENT			FIELD REPLACEMENT or FIELD BUILT UP SYSTEMS		
		25°C	50°C	25°C	50°C	25°C	50°C	25°C	50°C	25°C	50°C	22	134a	404A & 507	407C	410A	134a	22	404A & 507	134a	22, 407C & 410A
SEALED TYPE																					
C-032	58	3.1	2.5	3.4	2.4	3.6	2.9	2.6	0.9	1.4	1.0	5.28	4.57	3.52	4.57	4.92	0.88	0.88	0.88	1.76	1.76
C-032-CAP																					
C-032-S																					
C-032-F																					
C-032-FM																					
C-033	97	7.3	6.0	7.9	5.7	8.5	6.9	6.2	2.0	3.2	2.4	12.3	11.3	8.09	11.3	12.0	1.17	1.17	1.17	2.64 thru 3.52	2.64 thru 7.03
C-033-S												13.4	12.3	9.14	12.3	13.0					
C-052																					
C-052-S												7.39	6.68	4.92	6.68	7.03					
C-052-F																					
C-052-FM	135	12.0	9.8	13.1	9.4	14.0	11.4	10.1	3.3	5.2	3.9	12.0	10.9	8.09	10.9	11.6	1.76 thru 5.28	1.76 thru 5.28	1.76 thru 3.52	2.64 thru 7.03	3.52 thru 7.03
C-0525-S												14.4	13.4	9.50	13.4	14.1					
C-053												16.5	15.1	10.9	15.1	15.8					
C-053-S																					
C-082												7.39	6.68	4.92	6.68	7.03					
C-082-S	213	17.3	14.9	19.8	14.3	21.2	17.3	15.4	5.0	7.9	6.0	13.0	11.6	8.44	11.6	12.3	3.52 thru 7.03	5.28 thru 10.6	2.64 thru 7.03	3.52 thru 17.6	5.28 thru 17.6
C-0825-S												15.8	14.8	10.6	14.8	15.5					
C-083												18.3	16.5	12.0	16.5	17.6					
C-083-S												30.6	27.8	20.7	28.1	29.9					
C-084												33.8	30.9	22.5	30.9	33.1					
C-084-S	342	34.8	28.4	37.8	27.3	40.5	32.9	29.3	9.5	15.1	11.4	7.39	6.68	4.92	6.68	7.03	10.6 thru 17.6	10.6 thru 17.6	7.03 thru 17.6	10.6 thru 26.4	14.1 thru 35.2
C-162												13.0	11.6	8.44	11.6	12.3					
C-162-S												15.8	14.8	10.6	14.8	15.5					
C-1625-S												18.3	16.5	12.0	16.5	17.6					
C-163												35.5	32.7	23.9	32.7	34.2					
C-163-S	432	46.8	35.7	50.9	36.7	54.4	44.3	39.4	12.7	20.4	15.3	38.7	35.5	25.7	35.5	37.6	17.6 thru 35.2	17.6 thru 42.2	17.6 thru 35.2	17.6 thru 42.2	26.4 thru 52.8
C-164												52.4	47.8	34.8	48.2	51.0					
C-164-S												59.4	54.5	39.7	54.5	57.7					
C-165												76.0	69.6	50.6	70.0	73.9					
C-165-S												40.5	36.9	26.7	36.9	39.0					
C-303	684	69.6	56.7	75.6	54.5	80.9	65.8	58.6	18.9	30.2	22.7	43.6	40.1	29.2	40.1	42.6	52.8	52.8	35.2	52.8	70.3
C-303-S												55.6	51.0	37.3	51.4	54.2					
C-304												61.5	56.6	41.5	57.0	60.1					
C-304-S												77.7	71.4	52.0	71.8	75.6					
C-305												85.5	78.4	57.3	78.8	83.4					
C-305-S																					
C-307-S																					
C-414																					
C-414-S																					
C-415																					
C-415-S																					
C-417-S																					
C-419-S																					
C-607-S																					
C-609-S																					

① Based on 30°C liquid line temperature and a refrigerant flow of 400 grams per minute per kW of Refrigerant 134a; 374 grams per minute per kW of Refrigerant 22; 503 grams per minute per kW for Refrigerant 404A; 375 grams per minute per kW for Refrigerant 407C; 362 grams per minute per kW for Refrigerant 410A and 529 grams per minute per kW for Refrigerant 507. Ratings in accordance to ARI Standard 710.

② 20 drops = 1 gram = 1 cc.

③ The filtration area is equal to the core surface area plus the large internal surface available for depth filtration.

Note: The variation in flow ratings of filter-driers having the same size core and shell is caused by the difference in connection sizes used.