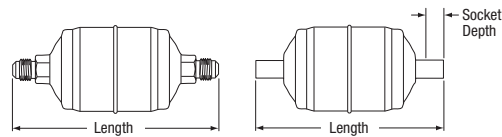




SEALED TYPE — SPECIFICATIONS

Liquid Line and Suction Line — Maximum Rated Pressure of 650 psi

Type C-032 through C-167-S



"C" SERIES LIQUID LINE TYPE		SUCTION LINE TYPE	CONNECTION SIZE Inches	VOLUME OF DESSICANT Cu. In.	OVERALL LENGTH		SOLDER SOCKET DEPTH Inches	DIAMETER of BODY Inches	SHIPPING WEIGHT Lbs.	
SAE Flare	ODF Solder	ODF Solder			SAE Flare	ODF Solder				
C-032	C-032-S	--	1/4	3	4.19	3.81	0.38	1.75	1/2	
--	C-032-CAP C-032-CAP-T	--	Extended 1/4		--	5.81	--			--
C-032-F	--	--	1/4 Male - Inlet 1/4 Female - Outlet		3.81	--	--			--
C-032-FM	--	--	1/4 Female - Inlet 1/4 Male - Outlet		3.81	--	--			--
C-033	C-033-S	--	3/8		4.69	3.88	0.44			--
C-052	C-052-S	--	1/4	5	4.75	4.19	0.38	2.44	3/4	
--	C-052S-S	--	5/16		--	4.38	0.44			--
C-052-F	--	--	1/4 Male - Inlet 1/4 Female - Outlet		4.19	--	--			--
C-052-FM	--	--	1/4 Female - Inlet 1/4 Male - Outlet		4.19	--	--			--
C-053	C-053-S	--	3/8	9	5.19	4.31	0.44	2.62	1-1/4	
C-082	C-082-S	--	1/4		5.62	5.12	0.38			--
--	C-082S-S	--	5/16		--	5.31	0.44			--
C-083	C-083-S	C-083-S-T-HH	3/8		6.06	5.25	0.44			--
C-084	C-084-S	C-084-S-T-HH	1/2		6.31	5.44	0.50			--
C-162	C-162-S	--	1/4		6.25	5.75	0.38			--
--	C-162S-S	--	5/16		--	5.94	0.44			--
C-163	C-163-S	--	3/8		6.75	5.88	0.44			--
C-164	C-164-S	C-164-S-T-HH	1/2	6.94	6.00	0.50	3.00	1-3/4		
C-165	C-165-S	C-165-S-T-HH	5/8	7.25	6.31	0.62	--	--		
--	--	C-166-S-T-HH	3/4	--	6.75	0.62	--	--		
--	C-167-S	C-167-S-T-HH	7/8	--	6.93	0.75	--	--		
C-303	C-303-S	--	3/8	30	9.69	8.88	0.44	3.00	3-1/2	
C-304	C-304-S	--	1/2		9.88	9.00	0.50			--
C-305	C-305-S	C-305-S-T-HH	5/8		10.19	9.25	0.62			--
--	C-306-S	C-306-S-T-HH	3/4		--	9.65	0.62			--
--	C-307-S	C-307-S-T-HH	7/8		--	9.80	0.75			--
--	C-309-S	C-309-S-T-HH	1-1/8		--	9.75	0.96			--
C-413	--	--	3/8	41	9.56	--	--	3.50	4-1/2	
C-414	C-414-S	--	1/2		9.94	9.05	0.50			--
C-415	C-415-S	--	5/8		10.25	9.35	0.62			--
--	C-417-S	C-417-S-T-HH	7/8		--	9.81	0.75			--
--	C-419-S	C-419-S-T-HH	1-1/8		--	9.75	0.96			--
--	--	C-437-S-T-HH	7/8		--	10.34	0.75			--
--	--	C-439-S-T-HH	1-1/8	48	--	10.74	0.91	4.75	8	
--	--	C-4311-S-T-HH	1-3/8		--	10.94	0.97			--
--	--	C-4313-S-T-HH	1-5/8		--	10.94	1.09			--
--	C-607-S	C-607-S-T-HH	7/8		--	16.00	0.75			3.00
--	C-609-S	C-609-S-T-HH	1-1/8	60	--	16.00	0.96	6		

UL_{US} Listed — Guide-SMGT-File No. SA-1756A & B.

SIGNIFICANCE OF THE TYPE NUMBER...

The letters and numerals in the Catch-All type number each have a significance.

C indicates Catch-All.

FIRST TWO DIGITS indicate the cubic inches of desiccant in the given drier size.

LAST ONE OR TWO DIGITS indicates the fitting size in eighths of an inch. For example: a "3" indicates 3/8(fitting size; a "25" indicates a 5/16" fitting size.

NO LETTER following the last digit indicates an SAE flare fitting.
-S following the last digit indicates an ODF solder fitting.
 Other suffix letters indicate special qualities. Examples:

- T** indicates a pressure tap consisting of a Schrader type access valve on the inlet end of the Catch-All.
- HH** indicates a charcoal style core for wax removal and clean-up after a hermetic motor burnout.
- F** indicates a female flare outlet fitting with a male flare inlet fitting.
- FM** indicates a female flare inlet fitting with a male flare outlet fitting.
- CAP** indicates a Catch-All particularly designed for installation on capillary tube systems. The fittings (a 1/4(OD copper tube brazed into each end of the Catch-All) permit inserting the capillary tube into this 1/4(tube, pinching down, and soldering to make the connections.

See page 6 for a description of construction details



LIQUID LINE RATINGS AND SELECTION RECOMMENDATIONS

SEALED TYPE — REFRIGERANT 134a

134a

TYPE	SURFACE FILTERING AREA Sq. In	RATINGS AT ARI STANDARD CONDITIONS			SELECTION RECOMMENDATIONS (Tons)		
		WATER CAPACITY DROPS AT 60 PPM		REFRIGERANT FLOW CAPACITY Tons at 1 psi ΔP	REFRIGERATION Commercial & Low Temperature Equipment	AIR CONDITIONING	
		75°F	125°F			O.E.M. Self Contained	Field Replacement or Field Built-Up Systems
C-032	9	67	48	1.3	1/4	3/4	1/2
C-032-CAP							
C-032-S							
C-032-F							
C-032-FM							
C-033							
C-033-S				3.2			
				3.5			
C-052	15	158	114	1.9	1/3	1 thru 2	3/4 thru 1
C-052-S							
C-052-F							
C-052-FM							
C-0525-S							
C-053							
C-053-S				3.1			
				3.8			
				4.3			
C-082	21	261	188	1.9	1/2 thru 1-1/2	1 thru 4	3/4 thru 2
C-082-S							
C-0825-S							
C-083							
C-083-S							
C-084							
C-084-S				3.3			
				4.2			
				4.7			
				7.9			
				8.8			
C-162	33	396	285	1.9	1 thru 2	2 thru 7-1/2	1 thru 5
C-162-S							
C-1625-S							
C-163							
C-163-S							
C-164							
C-164-S							
C-165							
C-165-S							
				4.7			
				9.3			
				10.1			
				12.6			
				14.5			
C-303	53	756	545	4.2	3 thru 5	4 thru 15	3 thru 7-1/2
C-303-S							
C-304							
C-304-S							
C-305							
C-305-S							
C-307-S				9.3			
				10.1			
				13.6			
				15.5			
				19.8			
C-414	67	1017	733	10.5	5 thru 10	7-1/2 thru 18	5 thru 12
C-414-S							
C-415							
C-415-S							
C-417-S							
C-419-S							
C-607-S				10.5			
				11.4			
				14.5			
				16.1			
				20.3			
				22.3			
C-609-S	106	1512	1090	26.6	15	20 thru 25	15



For suction line filter-driers see page 24

NOTES: The variation in flow ratings of filter-driers having the same size core and shell is caused by the difference in connection sizes used. R-12 water capacity values are approximately 15 percent greater than R-134a values.



LIQUID LINE RATINGS AND SELECTION RECOMMENDATIONS

22

SEALED TYPE — REFRIGERANT 22

TYPE	SURFACE FILTERING AREA Sq. In	RATINGS AT ARI STANDARD CONDITIONS		REFRIGERANT FLOW CAPACITY Tons at 1 psi ΔP	SELECTION RECOMMENDATIONS (Tons)								
		WATER CAPACITY DROPS AT 50 PPM			REFRIGERATION Commercial & Low Temperature Equipment	AIR CONDITIONING							
		75°F	125°F			O.E.M. Self Contained	Field Replacement or Field Built-Up Systems						
C-032	9	61	50	1.5	1/4	1	1/2						
C-032-CAP													
C-032-S													
C-032-F													
C-032-FM													
C-033													
C-033-S				3.5									
				3.8									
C-052	15	146	119	2.1	1/3	1 thru 3	3/4 thru 2						
C-052-S													
C-052-F													
C-052-FM													
C-0525-S											3.4		
C-053											4.1		
C-053-S				4.7									
C-082	21	240	196	2.1	1/2 thru 1-1/2	1 thru 5	1 thru 2						
C-082-S													
C-0825-S											3.7		
C-083											4.5		
C-083-S											5.2		
C-084											8.7		
C-084-S				9.6									
C-162	33	364	297	2.1	1-1/2 thru 3	2 thru 10	1-1/2 thru 5						
C-162-S													
C-1625-S											3.7		
C-163											4.5		
C-163-S											5.2		
C-164											10.1		
C-164-S											11.0		
C-165											13.8		
C-165-S											15.9		
C-303	53	696	567	4.6	3 thru 5	5 thru 20	4 thru 10						
C-303-S											5.3		
C-304											10.1		
C-304-S											11.0		
C-305											14.9		
C-305-S											16.9		
C-307-S											21.6		
C-414	67	936	763	11.5	5 thru 12	7-1/2 thru 23	7-1/2 thru 15						
C-414-S											12.4		
C-415											15.8		
C-415-S											17.5		
C-417-S											22.1		
C-419-S											24.3		
C-607-S	106	1392	1134	29.1	15	25 thru 30	20						
C-609-S											33.2		



For suction line filter-driers see page 24

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.

For replaceable core Catch-Alls see page 17



LIQUID LINE RATINGS AND SELECTION RECOMMENDATIONS

SEALED TYPE — REFRIGERANT 404A & 507

404A & 507

TYPE	SURFACE FILTERING AREA Sq. In	RATINGS AT ARI STANDARD CONDITIONS		REFRIGERANT FLOW CAPACITY Tons at 1 psi ΔP	SELECTION RECOMMENDATIONS (Tons)		
		WATER CAPACITY DROPS AT 50 PPM			REFRIGERATION Commercial & Low Temperature Equipment	AIR CONDITIONING	
		75°F	125°F			O.E.M. Self Contained	Field Replacement or Field Built-Up Systems
C-032	9	71	58	1.0	1/4	3/4	1/2
C-032-CAP							
C-032-S							
C-032-F							
C-032-FM							
C-033							
C-033-S				2.3			
				2.6			
C-052	15	169	138	1.4	1/3	1 thru 2	3/4 thru 1
C-052-S							
C-052-F							
C-052-FM							
C-0525-S							
C-053							
C-053-S				2.3			
				2.7			
				3.1			
C-082	21	279	227	1.4	1/2 thru 1	1 thru 4	3/4 thru 2
C-082-S							
C-0825-S							
C-083							
C-083-S							
C-084							
C-084-S				3.0			
				3.4			
				5.9			
				6.4			
C-162	33	424	345	1.4	3/4 thru 2	2 thru 7-1/2	1 thru 4
C-162-S							
C-1625-S							
C-163							
C-163-S							
C-164							
C-164-S				3.0			
				3.4			
				6.8			
				7.3			
				9.2			
				10.6			
C-303	53	809	658	3.0	2 thru 5	4 thru 12	3 thru 7-1/2
C-303-S							
C-304							
C-304-S							
C-305							
C-305-S							
C-307-S				6.8			
				7.3			
				9.9			
				11.3			
				14.4			
C-414	67	1088	885	7.6	5 thru 10	5 thru 15	5 thru 12
C-414-S							
C-415							
C-415-S							
C-417-S							
C-419-S							
C-607-S				10.6			
				11.8			
				14.8			
				16.3			
				29.5			
C-609-S	106	1618	1316	22.3	10	15 thru 20	10



For suction line filter-driers see page 24

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. R-502 water capacities are similar to R-404A and R-507.

For replaceable core Catch-Alls see page 17



LIQUID LINE RATINGS AND SELECTION RECOMMENDATIONS

SEALED TYPE — REFRIGERANT 407C

407C



TYPE	SURFACE FILTERING AREA Sq. In	RATINGS AT ARI STANDARD CONDITIONS			SELECTION RECOMMENDATIONS (Tons)								
		WATER CAPACITY DROPS AT 50 PPM		REFRIGERANT FLOW CAPACITY Tons at 1 psi ΔP	Commercial & Low Temperature Equipment	AIR CONDITIONING							
		75°F	125°F			O.E.M. Self Contained	Field Replacement or Field Built-Up Systems						
C-032	9	52	17	1.3	1/4	1	1/2						
C-032-CAP													
C-032-S													
C-032-F													
C-032-FM													
C-033													
C-033-S				3.2									
				3.5									
C-052	15	123	40	1.9	1/3	1 thru 3	3/4 thru 2						
C-052-S													
C-052-F													
C-052-FM													
C-0525-S											3.1		
C-053											3.8		
C-053-S				4.3									
C-082	21	202	65	1.9	1/2 thru 1-1/2	1 thru 5	1 thru 2						
C-082-S													
C-0825-S											3.3		
C-083											4.2		
C-083-S											4.7		
C-084											8.0		
C-084-S				8.8									
C-162	33	307	100	1.9	1-1/2 thru 3	2 thru 10	1-1/2 thru 5						
C-162-S													
C-1625-S											3.3		
C-163											4.2		
C-163-S											4.7		
C-164											9.3		
C-164-S											10.1		
C-165											12.7		
C-165-S				14.6									
C-303	53	586	189	4.2	3 thru 5	5 thru 20	4 thru 10						
C-303-S											4.7		
C-304											9.3		
C-304-S											10.1		
C-305											13.7		
C-305-S											15.5		
C-307-S											19.9		
C-414	67	788	254	10.5	5 thru 12	7-1/2 thru 23	7-1/2 thru 15						
C-414-S											11.4		
C-415											14.6		
C-415-S											16.2		
C-417-S											20.4		
C-419-S											22.4		
C-607-S	106	1172	378	26.8	15	25 thru 30	20						
C-609-S											30.7		

For suction line filter-driers see page 24

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.

For replaceable core Catch-Alls see Page 17



LIQUID LINE RATINGS AND SELECTION RECOMMENDATIONS

SEALED TYPE — REFRIGERANT 410A

410A

TYPE	SURFACE FILTERING AREA Sq. In	RATINGS AT ARI STANDARD CONDITIONS			SELECTION RECOMMENDATIONS (Tons)					
		WATER CAPACITY DROPS AT 50 PPM		REFRIGERANT FLOW CAPACITY Tons at 1 psi ΔP	REFRIGERATION Commercial & Low Temperature Equipment	AIR CONDITIONING				
		75°F	125°F			O.E.M. Self Contained	Field Replacement or Field Built-Up Systems			
C-032	9	27	20	1.4	1/4	1	1/2			
C-032-CAP										
C-032-S										
C-032-F										
C-032-FM										
C-033										
C-033-S	3.4									
				3.7						
C-052	15	63	48	2.0	1/3	1 thru 3	3/4 thru 2			
C-052-S										
C-052-F										
C-052-FM										
C-0525-S								3.3		
C-053								4.0		
C-053-S	4.5									
C-082	21	104	78	2.0	1/2 thru 1-1/2	1 thru 5	1 thru 2			
C-082-S										
C-0825-S								3.5		
C-083								4.4		
C-083-S								5.0		
C-084								8.5		
C-084-S	9.4									
C-162	33	158	119	2.0	1-1/2 thru 3	2 thru 10	1-1/2 thru 5			
C-162-S										
C-1625-S								3.5		
C-163								4.4		
C-163-S								5.0		
C-164								9.8		
C-164-S								10.7		
C-165								13.4		
C-165-S	15.5									
C-303	53	302	227	4.4	3 thru 5	5 thru 20	4 thru 10			
C-303-S								5.0		
C-304								9.8		
C-304-S								10.7		
C-305								14.5		
C-305-S								16.4		
C-307-S								21.0		
C-414	67	407	305	11.1	5 thru 12	7-1/2 thru 23	7-1/2 thru 15			
C-414-S								12.1		
C-415								15.4		
C-415-S								17.1		
C-417-S								21.5		
C-419-S								23.7		
C-607-S	106	604	454	28.4	15	25 thru 30	20			
C-609-S				32.4						



For suction line filter-driers see page 24

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.

For replaceable core Catch-Alls see page 17