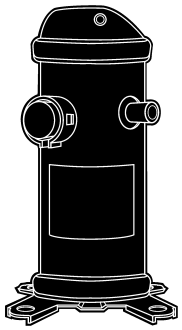
SCROLL TECHNOLOGY COMPRESSORS

CARLYLE “SC” COMPRESSORS 27,200 - 42,000 BTUH



P4

- HIGH EFFICIENCY
- LOW SOUND AND VIBRATION LEVELS
- HIGH RELIABILITY
- COMPACT AND LIGHTWEIGHT

COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS-PHASE	COMPRESSOR P/N	RLA	LRA
60 HERTZ MODELS							
SCH342AC	GC06RT001	32,670	AC/HP	400/460-3	**SCH342AC**	5.3	37.5
SCD340HC	GC06SF004	33,400	AC/HP	208/230-1	**SCD340HC**	18.6	97.0
SCY342HC	GC06SN004	33,700	AC/HP	208/230-3	**SCY342HC**	12.5	75.0
SCH342HC	GC06ST004	33,900	AC/HP	460-3	**SCH342HC**	6.1	37.5
SCH342AC	GC06ST003	33,900	AC/HP	460-3	**SCH342AC**	5.3	37.5
SCD340AC	GC06RF001	34,100	AC/HP	208/230-1	**SCD340AC**	16.7	95.0
SCH372AC	GC06TT002	36,930	AC/HP	400/460-3	**SCH372AC**	6.2	45.0
SCD370AC	GC06TF001	37,100	AC/HP	208/230-1	**SCD370AC**	18.0	105.0
SCY372AC	GC06TN002	36,930	AC/HP	208/230-3	**SCY372AC**	11.4	90.0
SCD400HC	GC06WF003	39,700	AC/HP	208/230-1	**SCD400HC**	11.1	115.0
SCH402HC	N/A	39,680	AC/HP	460-3	**SCH402HC**	6.7	45.0
SCD400AC	GC06VF001	40,100	AC/HP	208/230-1	**SCD400AC**	19.9	115.0
SCY402AC	GC06VN001	40,000	AC/HP	208/230-3	**SCY402AC**	11.4	90.0
SCD420AC	GC06WF002	42,000	AC/HP	208/230-1	**SCD420AC**	20.5	115.0
50 HERTZ MODELS - 27,200 - 33,250 BTUH							
SCH342AC	GC06RT001	27,200	AC/HP	400-3	**SCH342AC**	-	-
SCH372AC	GC06TT002	30,710	AC/HP	400-3	**SCH372AC**	6.2	45.0
SCH402AC	GC06VT001	33,250	AC/HP	400-3	**SCH402AC**	-	-

CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

Alkyl Benzene oil (with additive) for Carlyle Millenium Scroll Compressor used in R-22 systems.
One quart container.

P/N 85C5041C

R-410A COMPRESSOR — 31,460 & 54,000 BTUH (50/60 HZ)

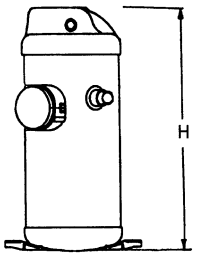
COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS-PHASE	COMPRESSOR P/N	RLA	LRA
XGD3-20HA	GC06TF003	31,460	AC/HP	208/230-1	**XGD-20HA**	18.6	87.5
XNY5-42HA	GC07LN012	54,000	AC/HP	208/230-3	**XNYS-42HA**	19.6	120

CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS:
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.

Alkyl Benzene oil (with additive) for Carlyle Millenium Scroll Compressor used in R-22 systems.
One quart container.

P/N 85C5041C

SCROLL TECHNOLOGY COMPRESSORS



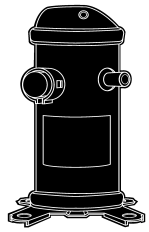
105A

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.7	3/4	1/2	A	105A	10 OHM	**P421-4027***	-	50/370	**P291-5003**
16.7	3/4	1/2	A	105A	-	-	-	-	-
16.7	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	10 OHM	**P421-4027***	-	35/440	**P291-3504**
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	10 OHM	**P421-4027***	-	35/440	**P291-3504**
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.7	3/4	1/2	A	105A	12.5 OHM	**P421-4026**	-	40/440	**P291-4004**
16.2	3/4	1/2	A	105A	-	**-**	-	-	
16.2	3/4	1/2	A	105A	10 OHM	**P421-4027***	-	40/440	**P291-3504**
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	-	-	-	-	-
16.2	3/4	1/2	A	105A	-	-	-	-	-

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
16.0	3/4	1/2	A	105A	12.5 OHMPTC	**P421-4026**	-	50/370	**P291-5003**
17.7	7/8	1/2	A	105A	-	-	-	-	-

SCROLL TECHNOLOGY COMPRESSORS

CARLYLE “SR” COMPRESSORS 32,700 - 94,500 BTUH

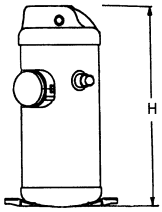

P4

- HIGH EFFICIENCY
- LOW SOUND AND VIBRATION LEVELS
- HIGH RELIABILITY
- COMPACT AND LIGHTWEIGHT

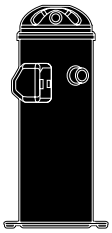
COMPRESSOR MODEL P/N	COMPRESSOR BILL OF MATERIAL	CAPACITY BTUH	APPLICATION	VOLTS-PHASE	COMPRESSOR P/N	RLA	LRA
60 HERTZ MODELS							
SRD480GC**	GC06YF004	32,700	AC/HP	208/230-1	**SRD480GC** ◆◆	15.4	78.0
SRE450AC	GC06UX002	36,580	AC/HP	220/240-1	**SRE4500RC**	16.4	102
SYR452AC	GC06XN002	44,555	AC/HP	208/230-3	**SRY452AC**	21.8	124.0
SRD450AC	GC06XF002	45,000	AC/HP	208/230-1	**SRD450AC**	21.8	124.0
SRD450HC	-	45,200	AC/HP	208/230-1	**SRD450HC**	26.0	126.0
SRH452HC	-	45,200	AC/HP	460-3	**SRH452HC**	7.1	46.5
SRJ452HC	-	45,200	AC/HP	575-3	**SRJ452HC**	6.4	40.0
SRY452HC	-	45,200	AC/HP	208/230-3	**SRY452HC**	14.4	93.0
SRE600AC	GC07LX001	47,525	AC/HP	220/240-1	**SRE600AC**	19.2	140.0
SRJ482AC	GC06YL001	47,525	AC/HP	575-3	**SRJ482AC**	6.3	44.0
SRY482AC	GC06YN002	47,530	AC/HP	208/230-3	**SRY482AC**	14.1	105.0
SRD480AC	GC06YF001	48,000	AC/HP	208/230-1	**SRD480AC**	24.4	140.0
SRH482HC	GC06XT007	48,000	AC/HP	460-3	**SRH482HC**	8.2	55.0
SRY482HC	GC06XN007	48,000	AC/HP	208/230-3	**SRY482HC**	15.7	105.0
SRD480HC	GC06YF005	48,500	AC/HP	208/230-1	**SRD480HC**	19.9	150.0
SRJ552HE	GC07LL007	54,670	AC/HP	575-3	**SRJ552HE**	6.1	50.0
SRH552HE	GC07LK001	54,670	AC/HP	460-3	**SRH552HE**	8.9	70.0
SRY552HE	GC07LN014	54,670	AC/HP	208/230-3	**SRY552HE**	19.3	120.0
SRH582AC	GC07LT004	57,430	AC/HP	460-3	**SRH582AC**	8.0	63.0
SRH582AE	-	57,430	AC/HP	460-3	**SRH582AE**	8.9	62.5
SRJ582AE	-	57,430	AC/HP	575-3	**SRJ582AE**	7.1	50.0
SRY582AE	-	57,430	AC/HP	208/230-3	**SRY582AE**	17.9	125
SRH582AC	GC07LT004	57,430	AC/HP	400/460-3	**SRH582AC**	8.0	63.0
SRY582AC	GC07LN005	57,430	AC/HP	208/230-3	**SRY582AC**	16.0	125.0
SRD580HC	GC07LF009	58,000	AC/HP	208/230-1	**SRD580HC**	32.1	175.0
SRD580AC	GC06LF003	58,000	AC/HP	208/230-1	**SRD580AC**	28.9	165.0
SRH612HC	GC07LN010	59,400	AC/HP	460-3	**SRH612HC**	7.9	60.0
SRY612HE	-	59,400	AC/HP	208/230-3	**SRY612HE**	15.9	11.9
SRJ602AE	GC07LL004	59,400	AC/HP	575-3	**SRJ602AE**	7.1	50.0
SRH602AE	GC07LN014	59,400	AC/HP	460-3	**SRH602AE**	17.9	125.0
SRH602AC	GC07LT002	59,410	AC/HP	400/460-3	**SRH602AC**	8.9	62.5
SRY602AC	GC07LN002	59,410	AC/HP	208/230-3	**SRY602AC**	16.0	125.0
SRD600AC	GC07LF001	60,000	AC/HP	208/230-1	**SRD600AC**	28.9	165.0
SRD600HC	GC07LF008	60,000	AC/HP	208/230-1	**SRD600HC**	28.9	165.0
SRH682AE	GC07PT007	67,400	AC/HP	460-3	**SRH682AE**	10.7	73.0
SRJ682AE	GC07PL007	67,400	AC/HP	575-3	**SRJ682AE**	8.6	58.4
SRY682AE	GC07PN007	67,400	AC/HP	208/230-3	**SRY682AE**	21.4	146
SRH752AC	GC07PT002	62,250	AC/HP	400-3	**SRH752AC**	9.5	73.0
SRH752AE	GC07PT004	77,200	AC/HP	400/460-3	**SRH752AE**	9.5	73.0
SRJ752AE	GC07PL004	77,200	AC/HP	575-3	**SRJ752AE**	8.4	58.4
SRY752AE	GC07PN004	77,200	AC/HP	208/230-3	**SRY752AE**	18.9	146.0
SRJ752AC	GC07PL002	77,200	AC/HP	575-3	**SRJ752AC**	8.4	58.4
SRY752AC	GC07PN002	77,200	AC/HP	208/230-3	**SRY752AC**	18.9	146.0
SRH752AC	GC07PT002	77,200	AC/HP	400/460-3	**SRH752AC**	9.5	73.0
SRJ782AE	GC07PL013	77,500	AC/HP	575-3	**SRJ782AE**	10.0	73.0
SRJ782AT	GC07PL010	77,500	AC/HP	575-3	**SRJ782AT**	10.0	73.0
SRH782AE	GC07PT013	77,500	AC/HP	460-3	**SRH782AE**	10.0	73.0
SRH782AT	GC07PT010	77,500	AC/HP	460-3	**SRH782AT**	11.4	90.0
SRY782AT	GC07PN010	77,500	AC/HP	208/230-3	**SRY782AT**	25.7	184.0
SRH782AA	-	78,100	AC/HP	460-3	**SRH782AA**	11.9	83.0
SRJ782AA	-	78,100	AC/HP	573-3	**SRJ782AA**	9.5	66.0
SRY782AE	-	78,100	AC/HP	208/230-3	**SRY782AE**	23.0	166.0
SRY812AT	GC07PN011	81,600	AC/HP	208/230-3	**SRY812AT**	24.3	184.0
SRJ812AT	GC07PL011	81,600	AC/HP	575-3	**SRJ812AT**	10.0	73.0
SRH812AT	GC07PT011	81,600	AC/HP	460-3	**SRH812AT**	12.1	90.0
SRH942AE	GC07PT008	94,000	AC/HP	460-3	**SRH942AE**	14.3	95.0
SRJ942AE (60 Hz)	GC07PL008	94,000	AC/HP	575-3	**SRJ942AE**	11.4	76.0
SRY942AE	GC07PN008	94,000	AC/HP	208/230-3	**SRY942AE**	28.6	190.0
SRY942AT	GC07PN012	94,500	AC/HP	208/230-3	**SRY942AT**	28.6	190.0
SRH942AT	GC07PT012	94,500	AC/HP	460-3	**SRH942AT**	14.3	95.0
SRJ942AT	GC07PL012	94,500	AC/HP	575-3	**SRJ942AT**	11.4	75.0

CAPACITY RATINGS ARE FOR AIR CONDITIONING APPLICATIONS
Evaporator Temperature 45° F, Condenser Temperature 130° F, Liquid Temperature 115° F, Return Gas Temperature 65° F, Ambient Temperature 95° F.
**R-134a model - POE oil. Model number ends with GC.
◆◆Limited to stock on-hand 04/03.
#Must wire two together to get 80 MFD.
Alkyl Benzene oil (with additive) for Carlyle Millenium Scroll Compressor used in R-22 systems. One quart container. P/N 85C5041C
* 12.5 ohm PTC START Thermister.
† Must wire two in parallel to obtain required MFD rating.

SCROLL TECHNOLOGY COMPRESSORS



105A



105B

(H) SHELL HEIGHT	SUCT. TUBE I.D.	DISC. TUBE I.D.	MTG. ARR.	COMPR. DWG.	START CAPACITOR		START RELAY P/N	RUN CAPACITOR	
					MFD/VOLTS	P/N		MFD/VOLTS	P/N
17.7	7/8	1/2	A	105A	-	**P421-4026***	-	35/440	**P291-3504**
17.7	7/8H	1/2H	A	105A		**P421-4026***	-	55/440	**P291-5509**
17.7	7/8	1/2	A	105A	-	-	-		**-**
17.7	7/8	1/2	A	105A	-	**P421-4026***	-	50/440	**P291-5004**
17.7	7/8	1/2	A	105A		-		70/370	**P291-3503** †
17.7	7/8	1/2	A	105A		-			**-**
17.7	7/8	1/2	A	105A		-			**-**
17.7	7/8	1/2	A	105A		-			**-**
18.5	7/8	1/2	A	105A	-	**P420-4026***	-	-	**-**
18.2	7/8	1/2	A	105A					
17.7	7/8	1/2	A	105A	-	-	-	-	**-**
17.7	7/8	1/2	A	105A	-	**P421-4026***	-	50-440	**P291-5004**
17.7	7/8	1/2	A	105A	-	**-**	-	-	**-**
17.7	7/8	1/2	A	105A	-	**-**	-	-	**-**
18.2	7/8	1/2	A	105A	-	**P421-4026***	-	60/370	**N/A**
19.0	7/8	1/2	A	105A					
19.0	7/8	1/2	A	105A					
19.0	7/8	1/2	A	105A					
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
19.0	7/8	1/2	A	105B		-	-	-	**-**
19.0	7/8	1/2	A	105B		-	-	-	**-**
19.0	7/8	1/2	A	105B			-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.6	7/8	1/2	A	105A		**P421-4026***	-	80/370	**P291-4003#**
18.5	7/8	1/2	A	105A	-	**P421-4026***	-	55/440	**P291-5504**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.6	7/8	1/2	A	105A					
18.6	7/8	1/2	A	105A					
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	**P421-4026***	-	55/440	**P291-5504**
18.5	7/8	1/2	A	105A	-	**P421-4026***	-	80/370	**N/A**
19.1	7/8	1/2	A	105A	-	-	-	-	-
19.1	7/8	1/2	A	105A	-	-	-	-	-
19.1	7/8	1/2	A	105A	-	-	-	-	-
18.5	7/8	1/2	A	105A		-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
19.0	7/8	1/2	A	105A		-	-	-	**-**
18.5	7/8	1/2	A	105A		-	-	-	**-**
19.0	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
18.5	7/8	1/2	A	105A	-	-	-	-	**-**
20.5	1-1/8	7/8	A	105B					
20.2	1-1/8	7/8	A	105B					
20.5	1-1/8	7/8	A	105B					
20.2	1-1/8	7/8	A	105B					
20.2	1-1/8	7/8	A	105B					
20.6	1-1/8	7/8	A	105A	-	-	-	-	**-**
20.6	1-1/8	7/8	A	105A	-	-	-	-	**-**
20.6	1-1/8	7/8	A	105A	-	-	-	-	**-**
20.2	1-1/8	7/8	A	105B					
20.2	1-1/8	7/8	A	105B					
20.2	1-1/8	7/8	A	105B					
20.8	1-1/8	7/8	A	105A	-	-	-	-	-
20.8	1-1/8	7/8	A	105A	-	-	-	-	-
20.8	1-1/8	7/8	A	105A	-	-	-	-	-
20.6	1-1/8	7/8	A	105B					
20.6	1-1/8	7/8	A	105B					
20.6	1-1/8	7/8	A	105B					