

## Single Phase 60 Hz Models for R22

Dalian Sanyo								Scroll Tech			Copeland		
Model	Voltage	Phase	Hertz	Tons	Volts	Mf	LRA	Model	Tons	LRA	Model	Tons	LRA
C-SB261H6B	208/230	1	60	3.3	440	50	130	SCD370AC	3.1	105	ZR36K3PFV	3.1	95
								SCD400AC	3.3	115	ZR40K3PFV	3.4	104
								SCD400HC	3.3	115	ZR40KCPFV	3.4	104
								SCD420AC	3.5	115			
								SCD420HC	3.5	115			
C-SB301H6B	208/230	1	60	4.1	440	50	130	SRD450AC	3.7	124	ZR45K3PFV	3.8	137
								SRD450HC	3.7	126	ZR45KCPFV	3.8	131
								SRD480AC	4.0	140	ZR47K3PFV	4.0	137
								SRD480HC	4.0	150	ZR47KCPFV	4.0	131
											ZR48K3PFV	4.2	137
											ZR48KCPFV	4.1	132
C-SB351H6B	208/230	1	60	4.7	440	70	149	SRD580AC	4.8	165	ZR54K3PFV	4.6	148
								SRD580HC	4.8	175	ZR54KCPFV	4.6	150
											ZR57K3PFV	4.8	148
											ZR57KCPFV	4.8	150
C-SB371H6B	208/230	1	60	5.1	440	70	168	SRD600AC	5.0	165	ZR61K3PFV	5.2	148
								SRD600HC	5.1	175	ZR61KCPFV	5.2	144

- Notes:
1. Dalian SANYO scroll compressors can replace ALL of the models listed in the above table.
  2. Consider the following before replacing failed compressors;
    - a) Compressor functional check; electrical supply, system operation, charge levels.
    - b) Check that model capacity and electrical supply are within acceptable limits.
    - c) Confirm compressor footprint is 7.5" square with four bolt mounting.
    - d) Check suction and discharge tube locations and diameters.
    - e) Verify starting gear on single phase models; Volts and microfarad
    - f) Confirm that Locked Rotor Amps (LRA) are within acceptable limits.
  3. Take safety precautions as appropriate for high pressure Air conditioning systems;
    - a) Electrical supply-turn power off power prior to removing compressor.
    - a) Refrigerant handling-Evacuate system and reclaim ALL refrigerant.
    - b) Brazing procedure-Cut tubes to remove failed compressor, follow good brazing practice.
  4. Follow Servicing Scroll Compressors procedure in Application Guide (section 6.0-6.6).

**SANYO**

Dalian SANYO Compressor Co. LTD

## Three Phase 60 Hz Models for R22

<u>Dalian Sanyo</u>						<u>Scroll Tech</u>			<u>Copeland</u>			<u>Maneurop</u>	
<u>Model</u>	<u>Voltage</u>	<u>Phase</u>	<u>Hertz</u>	<u>Tons</u>	<u>LRA</u>	<u>Model</u>	<u>Tons</u>	<u>LRA</u>	<u>Model</u>	<u>Tons</u>	<u>LRA</u>	<u>Model</u>	<u>Tons</u>
C-SB263H6B	208/230	3	60	3.3	115	SCY372AC	3.1	90	ZR36K3TF5	3.1	77		
						SCY402AC	3.3	90	ZR38K3TF5	3.2	77		
						SCY422AC	3.5	93	ZR40K3TF5	3.4	88		
C-SB303H6B	208/230	3	60	4.0	115	SRY452AC	3.7	93	ZR46K3TF5	3.8	120		
						SRY452HC	3.7	100	ZR46KCTF5	3.8	108		
						SRY482AC	4.0	105	ZR47K3TF5	4.0	91		
						SRY482HC	3.9	105	ZR47KCTF5	4.0	91		
									ZR48K3TF5	4.1	91		
									ZR48KCTF5	4.1	91		
									ZR49K3TF5	4.1	120		
									ZR49KCTF5	4.1	115		
C-SB353H6B	208/230	3	60	4.7	134	SRY582AC	4.8	125	ZR57K3TF5	4.9	123		
						SRY582HC	4.7	125	ZR57KCTF5	4.8	124		
C-SB373H6B	208/230	3	60	5.1	134	SRY602AC	5.0	125	ZR61K3TF5	5.2	137		
						SRY602HC	5.0	125	ZR61KCTF5	5.2	128		
C-SB453H6B	208/230	3	60	6.1	153	SRY752AC	6.2	146	ZR68KCTF5	5.8	156		
									ZR72KCTF5	6.1	156		
C-SC603H6H	208/230	3	60	8.3	205				ZR94KCTF5	8.0	195	SM100S3BA	7.8
									ZR108KCTF5	9.1	225	SM110S3BA	9.0
C-SC753H6H	208/230	3	60	10.3	240				ZR125KCTF5	10.5	239	SM115S3BA	9.6
												SM120S3BA	10.4
												SM125S3BA	10.5
C-SB263H8A	400/460	3	60	3.5	47	SCH372AC	3.1	45	ZR36K3TFD	3.1	39		
						SCH402AC	3.3	45	ZR36KCTFD	3.0	39		
						SCH452AC	3.7	47	ZR40K3TFD	3.4	44		
						SCH452HC	3.7	47	ZR40KCTFD	3.3	44		
									ZR45KCTFD	3.8	46		
C-SB303H8A	400/460	3	60	4.1	47	SCH482AC	4.0	55	ZR46K3TFD	3.8	49.5		
						SCH482HC	3.9	55	ZR46KCTFD	3.8	47.5		
									ZR47K3TFD	4.0	50		
									ZR47K3TFD	4.0	46		
									ZR48K3TFD	4.1	50		
									ZR48KCTFD	4.1	50		
									ZR49K3TFD	4.1	49.5		
									ZR49KCTFD	4.1	47.5		
C-SB353H8A	400/460	3	60	4.8	58	SRH582AC	4.8	67	ZR57K3TFD	4.9	62		
						SRH582HC	4.7	67	ZR57KCTFD	4.8	59.6		
C-SB373H8A	400/460	3	60	5.2	58	SRH602AC	5.0	67	ZR61K3TFD	5.2	62		
						SRH602HC	4.9	67	ZR61KCTFD	5.2	63		
C-SB453H8A	400/460	3	60	6.2	71	SRH752AC	6.3	73	ZR68KCTFD	5.8	75		
									ZR72KCTFD	6.1	75		
C-SC603H8H	400/460	3	60	8.4	96				ZR94KCTFD	8.0	95	SM100S4BA	7.8
									ZR108KCTFD	9.1	114	SM110S4BA	9.0
C-SC753H8H	400/460	3	60	10.6	106				ZR125KCTFD	10.5	125	SM115S4BA	9.6
												SM120S4BA	10.4
												SM125S4BA	10.5