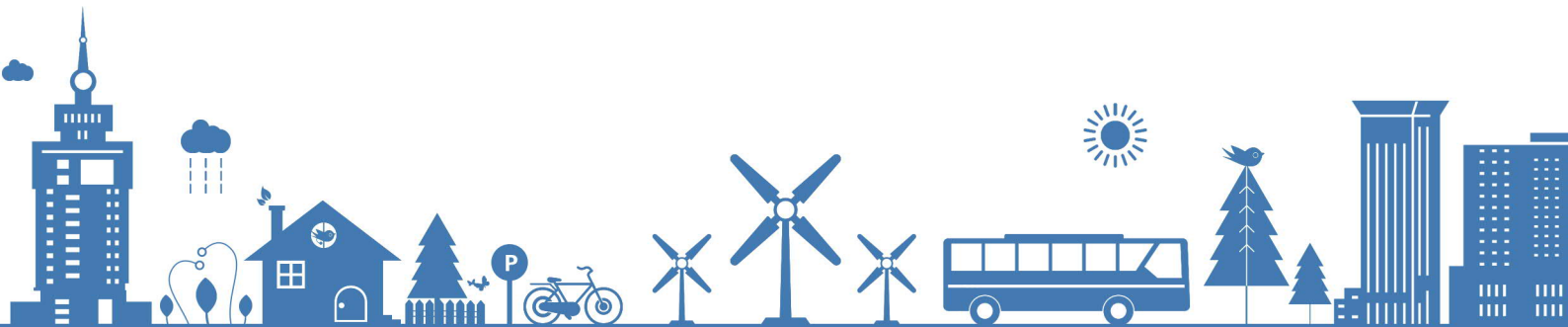


**Panasonic**



# SCROLL COMPRESSORS

Quick select guide

# Scroll Compressor for Air-conditioning

R410A 50Hz

## ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks		
						Capacity		Power Input	Current	COP					
						kW	kBTU/h	kW	A	W/W	BTU/Wh			Liter	
3Ph	3.5	39.9	C-SBP120H38A	---	---	10.0	34.1	3.50	6.4	2.86	9.7	1.7			
			C-SBP120H38B	---	---	10.0	34.1	3.50	6.4	2.86	9.7	1.7	Tandem		
			C-SBN303H8D	809 943 88	---	9.80	33.4	3.65	6.6	2.68	9.2	1.7			
			C-SBN303H8H	809 947 88	---	9.80	33.4	3.65	6.6	2.68	9.2	1.7	Tandem		
	3.7	42.4	C-SBP130H38A	---	---	10.9	37.2	3.75	6.8	2.91	9.9	1.7			
			C-SBP130H38B	---	---	10.9	37.2	3.75	6.8	2.91	9.9	1.7	Tandem		
	4	46.4	C-SBP140H38A	---	---	11.7	39.9	4.00	7.2	2.93	10.0	1.7			
			C-SBP140H38B	---	---	11.7	39.9	4.00	7.2	2.93	10.0	1.7	Tandem		
	4.6	51.6	C-SBP160H38C	---	---	13.2	45.0	4.30	7.6	3.07	10.5	1.4			
			C-SBN353H8D	809 948 88	---	13.0	44.4	4.65	8.0	2.80	9.5	1.7			
		51.8	C-SBN353H8H	809 949 88	---	13.0	44.4	4.65	8.0	2.80	9.5	1.7	Tandem		
			C-SBP160H38A	---	---	13.2	45.0	4.60	8.6	2.87	9.8	1.7			
	5	55.7	C-SBP160H38B	---	---	13.2	45.0	4.60	8.6	2.87	9.8	1.7	Tandem		
			C-SBN373H8D	809 953 88	---	14.1	48.1	4.75	8.2	2.97	10.1	1.7			
			C-SBN373H8H	809 957 88	---	14.1	48.1	4.75	8.2	2.97	10.1	1.7	Tandem		
			C-SBP170H38A	---	---	14.2	48.5	4.75	8.7	2.99	10.2	1.7			
	5.5	60.4	C-SBP170H38B	---	---	14.2	48.5	4.75	8.7	2.99	10.2	1.7	Tandem		
			C-SBP185H38A	---	---	15.2	51.9	5.20	9.3	2.92	10.0	1.7			
			6	66.8	C-SBN453H8D	809 963 88	---	16.4	56.0	5.75	9.8	2.85	9.7	1.7	
					C-SBN453H8H	809 967 88	---	16.4	56.0	5.75	9.8	2.85	9.7	1.7	Tandem
	6.8	76.0	C-SBP205H38A	---	---	16.8	57.3	5.60	10.1	3.00	10.2	1.7			
			C-SBP205H38B	---	---	16.8	57.3	5.60	10.1	3.00	10.2	1.7	Tandem		
			7	77.4	C-SBP235H38A	---	---	19.9	67.9	6.55	11.3	3.04	10.4	1.4	
					C-SBP235H38B	---	---	19.9	67.9	6.55	11.3	3.04	10.4	1.4	Tandem
	8	89.2	C-SBN523H8D	809 973 88	---	19.2	65.5	6.75	11.6	2.84	9.7	1.7			
			C-SBN523H8H	809 977 88	---	19.2	65.5	6.75	11.6	2.84	9.7	1.7	Tandem		
		90.6	C-SCP270H38A	---	---	22.4	76.4	7.40	13.1	3.03	10.3	2.8			
			C-SCP270H38B	---	---	22.4	76.4	7.40	13.1	3.03	10.3	2.8	Tandem		
	10	104.1	5CB091SA01	---	---	23.2	79.2	7.60	13.8	3.05	10.4	2.5			
			5CB091SA04	---	---	23.2	79.2	7.60	13.8	3.05	10.4	2.5	Tandem		
110.2		C-SCP315H38A	---	---	26.0	88.7	8.60	14.9	3.02	10.3	2.8				
		C-SCP315H38B	---	---	26.0	88.7	8.60	14.9	3.02	10.3	2.8	Tandem			
11	120.2	C-SCP315H38M	---	---	27.4	93.5	8.98	14.9	3.05	10.4	2.8				
		5CB110SA01	---	---	27.4	93.5	8.98	15.7	3.05	10.4	2.5				
	120.3	5CB110SA04	---	---	27.4	93.5	8.98	15.7	3.05	10.4	2.5	Tandem			
		C-SCP360H38A	---	---	29.8	101.7	9.90	16.9	3.01	10.3	2.8				
12	127.8	C-SCP360H38B	---	---	29.8	101.7	9.90	16.9	3.01	10.3	2.8	Tandem			
		C-SCP360H38M	---	---	31.5	107.5	9.80	18.1	3.21	11.0	2.8				
	131.9	C-SCP400H38A	---	---	32.6	111.2	10.20	18.8	3.20	10.9	2.8				
		C-SCP400H38B	---	---	32.8	111.9	10.90	18.3	3.01	10.3	2.8	Tandem			
13	148.8	C-SCP400H38B	---	---	32.8	111.9	10.90	18.3	3.01	10.3	2.8	Tandem			
15	171.2	C-SCP435H38B	---	---	37.6	128.3	12.10	21.4	3.11	10.6	2.8	Tandem			
20	227	C-SCP510H38B	---	---	43.9	149.8	13.80	24.4	3.18	10.9	3.5	Tandem			
25	277	5CF227SA01	---	---	57.8	197.2	18.50	32.6	3.12	10.7	4.5	Sample			
25	277	5CF227SA04	---	---	57.8	197.2	18.50	32.6	3.12	10.7	4.5	Sample, Tandem			
25	277	5CF277SA01	---	---	74.1	252.8	22.30	38.6	3.32	11.3	4.5				
25	277	5CF277SA04	---	---	74.1	252.8	22.30	38.6	3.32	11.3	4.5	Sample, Tandem			

## ■ B5 (50Hz 220-240V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
1Ph	3.5	39.9	C-SBP120H15A	---	PSC	10.0	34.0	3.60	16.9	2.76	9.4	1.4	
	4	46.4	C-SBP140H15A	---	PSC	11.6	39.6	4.10	19.1	2.83	9.7	1.4	
	4.6	51.8	C-SBP160H15A	---	PSC	13.0	44.4	4.65	21.7	2.80	9.5	1.4	
	5.5	60.4	C-SBP185H15A	---	PSC	15.1	51.5	5.35	24.7	2.82	9.6	1.4	

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

# Scroll Compressor for Air-conditioning

R410A 60Hz

## ■ B8 ( 60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3.5	39.9	C-SBP120H38A	---	---	12.2	41.6	4.15	6.4	2.94	10.0	1.7	
			C-SBP120H38B	---	---	12.2	41.6	4.15	6.4	2.94	10.0	1.7	Tandem
			C-SBN303H8D	809 943 88	---	12.2	41.6	4.25	6.5	2.87	9.8	1.7	
			C-SBN303H8H	809 947 88	---	12.2	41.6	4.25	6.5	2.87	9.8	1.7	Tandem
	3.7	42.4	C-SBP130H38A	---	---	13.3	45.4	4.40	6.8	3.02	10.3	1.7	
			C-SBP130H38B	---	---	13.3	45.4	4.40	6.8	3.02	10.3	1.7	Tandem
	4	46.4	C-SBP140H38A	---	---	14.3	48.8	4.75	7.2	3.01	10.3	1.7	
			C-SBP140H38B	---	---	14.3	48.8	4.75	7.2	3.01	10.3	1.7	Tandem
	4.6	51.6	C-SBP160H38C	---	---	16.0	54.6	5.20	7.7	3.08	10.5	1.4	
			C-SBN353H8D	809 948 88	---	16.2	55.3	5.45	8.0	2.97	10.1	1.7	
		51.8	C-SBN353H8H	809 949 88	---	16.2	55.3	5.45	8.0	2.97	10.1	1.7	Tandem
			C-SBP160H38A	---	---	16.2	55.3	5.40	8.6	3.00	10.2	1.7	
	5	55.7	C-SBP160H38B	---	---	16.2	55.3	5.40	8.6	3.00	10.2	1.7	Tandem
			C-SBN373H8D	809 953 88	---	17.1	58.3	5.60	8.3	3.05	10.4	1.7	
			C-SBN373H8H	809 957 88	---	17.1	58.3	5.60	8.3	3.05	10.4	1.7	Tandem
			C-SBP170H38A	---	---	17.3	59.0	5.70	8.7	3.04	10.4	1.7	
	6	66.8	C-SBP170H38B	---	---	17.3	59.0	5.70	8.7	3.04	10.4	1.7	Tandem
			C-SBP185H38A	---	---	18.7	63.8	6.10	9.3	3.07	10.5	1.7	
			C-SBN453H8D	809 963 88	---	20.3	69.3	6.75	9.8	3.01	10.3	1.7	
			C-SBN453H8H	809 967 88	---	20.3	69.3	6.75	9.8	3.01	10.3	1.7	Tandem
7	77.4	C-SBP205H38A	---	---	20.6	70.3	6.65	9.9	3.10	10.6	1.7		
		C-SBP205H38B	---	---	20.6	70.3	6.65	9.9	3.10	10.6	1.7	Tandem	
		C-SBP235H38A	---	---	24.2	82.6	7.75	11.4	3.12	10.7	1.4		
		C-SBP235H38B	---	---	24.2	82.6	7.75	11.4	3.12	10.7	1.4	Tandem	
8	89.2	C-SBN523H8D	809 973 88	---	23.4	79.9	7.85	11.7	2.98	10.2	1.7		
		C-SBN523H8H	809 977 88	---	23.4	79.9	7.85	11.7	2.98	10.2	1.7	Tandem	
10	104.1	C-SCP270H38A	---	---	27.2	92.8	8.90	13.4	3.06	10.4	2.8		
		C-SCP270H38B	---	---	27.2	92.8	8.90	13.4	3.06	10.4	2.8	Tandem	
11	120.2	5CB091RA04	---	---	28.5	97.2	9.00	13.8	3.17	10.8	2.5	Tandem	
		C-SCP315H38A	---	---	31.4	107.1	10.40	15.3	3.02	10.3	2.8		
12	127.8	C-SCP315H38B	---	---	31.4	107.1	10.40	15.3	3.02	10.3	2.8	Tandem	
		C-SCP360H38A	---	---	35.9	122.5	11.90	17.4	3.02	10.3	2.8		
13	148.8	C-SCP360H38B	---	---	35.9	122.5	11.90	17.4	3.02	10.3	2.8	Tandem	
		C-SCP400H38M	---	---	39.4	134.4	12.30	19.0	3.20	10.9	2.8		
15	171.2	C-SCP435H38B	---	---	45.1	153.9	14.60	21.9	3.09	10.5	2.8	Tandem	
		C-SCP510H38B	---	---	53.5	182.5	16.70	25.1	3.20	10.9	3.5	Tandem	

## ■ B6 (60Hz 208-230V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
1Ph	3.1	35.0	C-SBP105H16A	---	PSC	10.5	35.8	3.80	18.6	2.76	9.4	1.4	Screw Terminal
	3.5	39.9	C-SBP120H16A	---	PSC	12.1	41.3	4.30	19.0	2.81	9.6	1.4	
	3.7	42.4	C-SBP130H16A	---	PSC	13.2	45.0	4.60	21.2	2.87	9.8	1.4	
	4	46.4	C-SBP140H16A	---	PSC	14.3	48.8	4.95	22.3	2.89	9.9	1.4	
	4.3	48.9	C-SBP150H16A	---	PSC	14.8	50.5	5.10	22.4	2.90	9.9	1.4	
	4.6	51.8	C-SBP160H16A	---	PSC	15.8	53.9	5.65	25.8	2.80	9.5	1.4	
	5	55.7	C-SBP170H16Y	---	CSR	17.0	58.0	5.95	26.9	2.86	9.7	1.7	
	6	66.8	C-SBP205H16Y	---	CSR	20.4	69.6	7.20	33.6	2.83	9.7	1.7	
7	77.4	C-SBP230H16Y	---	CSR	23.2	79.2	8.25	36.8	2.81	9.6	1.7		

Rating Condition: Condensing Temperature54.4°C, Evaporating Temperature7.2°C, Sub Cooling8.3K, Superheat11.1K

# Scroll Compressor for Air-conditioning

R410A 60Hz

## ■ B6 (60Hz 208-230V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3.5	39.9	C-SBP120H36A	—	—	12.2	41.6	4.35	15.1	2.80	9.6	1.7	
			C-SBP120H36B	—	—	12.2	41.6	4.35	15.1	2.80	9.6	1.7	Tandem
	3.7	42.4	C-SBP130H36A	—	—	13.4	45.7	4.50	14.8	2.98	10.2	1.7	
	4	46.4	C-SBP140H36A	—	—	14.2	48.5	4.85	16.0	2.93	10.0	1.7	
			C-SBP140H36B	—	—	14.2	48.5	4.85	16.0	2.93	10.0	1.7	Tandem
	4.6	51.8	C-SBP160H36A	—	—	16.1	54.9	5.50	18.1	2.93	10.0	1.7	
			C-SBP160H36B	—	—	16.1	54.9	5.50	18.1	2.93	10.0	1.7	Tandem
	5	55.7	C-SBP170H36A	—	—	17.4	59.4	5.70	18.5	3.05	10.4	1.7	
			C-SBP170H36B	—	—	17.4	59.4	5.70	18.5	3.05	10.4	1.7	Tandem
	5.5	60.4	C-SBP185H36A	—	—	18.6	63.5	6.15	19.1	3.02	10.3	1.4	
			C-SBP205H36A	—	—	20.4	69.6	6.70	20.5	3.04	10.4	1.7	
	6	66.8	C-SBP205H36B	—	—	20.4	69.6	6.70	20.5	3.04	10.4	1.7	Tandem
			C-SBP235H36A	—	—	24.0	81.9	8.00	24.8	3.00	10.2	1.7	
	7	77.4	C-SBP235H36B	—	—	24.0	81.9	8.00	24.8	3.00	10.2	1.7	Tandem
			C-SCP270H36A	—	—	27.7	94.5	9.02	28.6	3.07	10.5	2.8	
	8	89.2	5CC089QA04	—	—	27.7	94.5	9.02	28.6	3.07	10.5	2.8	Tandem
			5CB089QA04	—	—	28.5	97.2	9.05	27.8	3.15	10.7	2.5	Tandem
	10	104.1	C-SCP315H36A	—	—	32.2	109.9	10.30	31.2	3.13	10.7	2.8	
			C-SCP315H36B	—	—	32.2	109.9	10.30	31.2	3.13	10.7	2.8	Tandem
	11	120.2	C-SCP360H36A	—	—	36.6	124.9	11.70	34.7	3.13	10.7	2.8	
C-SCP360H36B			—	—	36.6	124.9	11.70	34.7	3.13	10.7	2.8	Tandem	
12	131.9	C-SCP400H36A	—	—	41.6	141.9	13.50	41.0	3.08	10.5	2.8		
		5CC132QA04	—	—	41.6	141.9	13.50	41.0	3.08	10.5	2.8	Tandem	
13	148.8	C-SCP435H36B*	—	—	43.5	148.4	—	—	—	—	—	Developing	
15	171.2	C-SCP510H36B*	—	—	54.0	184.3	—	—	—	—	—	Developing	

## ■ B9 (60Hz 380V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3	33.7	C-SBP105H39A	—	—	10.2	34.8	3.55	6.4	2.87	9.8	1.7	
	3.5	39.9	C-SBP120H39A	—	—	12.3	42.0	4.15	7.4	2.96	10.1	1.7	
			C-SBP120H39B	—	—	11.8	40.3	4.30	7.2	2.74	9.4	2.0	Tandem
	3.7	42.4	C-SBP130H39A	—	—	13.2	45.0	4.55	7.9	2.90	9.9	1.7	
	4	46.4	C-SBP140H39A	—	—	14.1	48.1	4.75	8.1	2.97	10.1	1.7	
			C-SBP140H39B	—	—	13.9	47.4	4.90	8.1	2.84	9.7	2.0	Tandem
	4.6	51.8	C-SBP160H39A	—	—	15.8	53.9	5.45	9.3	2.90	9.9	1.7	
			C-SBP160H39B	—	—	15.8	53.9	5.45	9.3	2.90	9.9	2.0	Tandem
	5	55.7	C-SBP170H39A	—	—	16.9	57.7	5.70	9.7	2.96	10.1	1.7	
	5.5	60.4	C-SBP185H39A	—	—	18.6	63.5	6.00	10.5	3.10	10.6	1.4	
			C-SBP205H39A	—	—	19.9	67.9	6.65	11.1	2.99	10.2	1.7	
	6	66.8	C-SBP205H39B	—	—	19.9	67.9	6.65	11.1	2.99	10.2	2.0	Tandem
			C-SBP235H39B	—	—	23.9	81.6	7.90	13.4	3.03	10.3	1.7	Tandem
	8	89.2	C-SCP270H39A	—	—	27.6	94.2	8.80	15.9	3.14	10.7	2.8	
			C-SCP270H39B	—	—	27.6	94.2	8.80	15.9	3.14	10.7	2.8	Tandem
	90.6		5CB091WA04	—	—	28.4	96.9	9.10	16.7	3.12	10.6	2.5	Tandem
			C-SCP315H39A	—	—	32.3	110.2	10.20	18.0	3.17	10.8	2.8	
	10	104.1	C-SCP315H39B	—	—	32.3	110.2	10.20	18.0	3.17	10.8	2.8	Tandem
			C-SCP360H39A	—	—	36.8	125.6	11.70	20.3	3.15	10.7	2.8	
	11	120.2	C-SCP360H39B	—	—	36.8	125.6	11.70	20.3	3.15	10.7	2.8	Tandem
C-SCP400H39A			—	—	41.7	142.3	13.30	23.7	3.14	10.7	2.8		
12	131.9	5CC132WA04	—	—	41.7	142.3	13.30	23.7	3.14	10.7	2.8	Tandem	
		C-SCP435H39B	—	—	45.3	154.6	14.60	25.0	3.10	10.6	2.8	Tandem	
13	148.8	C-SCP510H39B	—	—	52.0	177.4	16.70	28.6	3.11	10.6	3.5	Tandem	

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

## Scroll Compressor for Air-conditioning

R410A

### ■ DC Inverter

Phase	Nominal Output	Displacement	Compressor Model	Revolution Range	Voltage	60 rps						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev		kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter			
DC Inv	6	42.3	C-SDP205H02B	30~90	380	13.7	46.7	4.25	10.6	3.22	11.0	1.7	Tandem
			C-SDP205H03B	30~90	220	13.7	46.7	4.25	20.2	3.22	11.0	1.7	Tandem
	10	66.8	C-SDP330H02B	30~90	380	22.0	75.1	7.00	17.7	3.14	10.7	1.7	Tandem
			C-SDP453H0D	15~120	380	22.3	76.1	6.75	19.7	3.30	11.3	1.7	Tandem
			5CD067ZA02	15~120	380	22.2	75.7	6.95	20.1	3.19	10.9	1.6	Tandem, EVI
	12	80.5	C-SDVN543H0C	15~120	380	26.7	91.1	7.95	24.5	3.36	11.5	1.6	Tandem
			5CD081ZA02	15~120	380	26.7	91.1	7.95	24.5	3.36	11.5	1.6	Tandem, EVI

Rating Condition: Condensing Temperature54.4°C, Evaporating Temperature7.2°C, Sub Cooling8.3K, Superheat11.1K

## Scroll Compressor for Air-conditioning

R32 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev				kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter	
3Ph	3.5	39.9	9CB039SA04	—	—	10.5	35.8	3.80	6.9	2.76	9.4	1.7	Tandem
	4	46.4	9CB046SA04	—	—	12.2	41.6	4.36	7.7	2.80	9.5	1.7	Tandem
	4.5	51.6	9CB051SA04	—	—	13.7	46.7	4.80	8.3	2.85	9.7	1.7	Tandem
	5	60.4	9CB060SA04	—	—	15.9	54.3	5.55	9.8	2.86	9.8	1.7	Tandem
	6	66.8	9CB067SA04	—	—	17.6	60.1	6.15	10.7	2.86	9.8	1.7	Tandem
	7	76.0	9CB076SA04	—	—	21.1	72.0	7.10	12.0	2.97	10.1	1.7	Tandem

### ■ B5 (50Hz 220-240V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev				kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter	
1Ph	4.5	51.8	9CB052EA01	—	PSC	13.6	46.4	5.00	23.0	2.72	9.3	1.4	
	5.5	60.4	9CB060EA01	—	PSC	15.9	54.3	5.85	26.7	2.72	9.3	1.4	

Rating Condition: Condensing Temperature54.4°C, Evaporating Temperature7.2°C, Sub Cooling8.3K, Superheat11.1K

# Scroll Compressor for Air-conditioning

# R407C 50Hz

## ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3.5	55.7	C-SBS120H38A	—	—	10.0	34.1	3.20	6.0	3.13	10.7	1.7	
			C-SBN263H8A	809 930 88	—	9.6	32.8	3.35	6.2	2.87	9.8	1.7	
	4	66.8	C-SBS145H38A	—	—	12.0	40.9	3.80	6.9	3.16	10.8	1.7	
			C-SBN303H8A	809 940 88	—	11.6	39.6	3.80	6.8	3.05	10.4	1.7	
			C-SBN303H8G	809 946 88	—	11.6	39.6	3.80	6.8	3.05	10.4	1.7	Tandem
	4.2	70.5	C-SBS150H38C	—	—	12.8	43.7	4.05	7.2	3.16	10.8	1.4	
	4.4	73.2	C-SBS160H38A	—	—	13.0	44.4	4.15	7.4	3.13	10.7	1.7	
	4.5	76.0	C-SBS165H38C	—	—	13.6	46.4	4.41	7.7	3.08	10.5	1.7	
	4.6	77.4	C-SBN353H8A	809 942 88	—	13.4	45.7	4.60	8.1	2.91	9.9	1.7	
			C-SBN353H8G	809 944 88	—	13.4	45.7	4.60	8.1	2.91	9.9	1.7	Tandem
			C-SBS165H38P	—	—	13.4	45.7	4.60	8.8	2.91	9.9	1.7	T3
	5	83.2	C-SBN373H8A	809 950 88	—	14.5	49.5	4.95	8.5	2.93	10.0	1.7	
			C-SBN373H8G	809 956 88	—	14.5	49.5	4.95	8.5	2.93	10.0	1.7	Tandem
		83.7	C-SBS180H38C	—	—	14.7	50.2	4.77	8.2	3.08	10.5	1.7	
	5.5	90.6	C-SBS195H38A	—	—	16.2	55.3	5.22	9.3	3.10	10.6	1.7	
	6	100.0	C-SBN453H8A	809 960 88	—	17.6	60.1	5.80	9.9	3.03	10.4	1.7	
			C-SBN453H8G	809 966 88	—	17.6	60.1	5.80	9.9	3.03	10.4	1.7	Tandem
			C-SBS215H38P	—	—	17.6	60.1	5.80	10.6	3.03	10.4	1.7	T3
	7	110.2	C-SBS235H38A	—	—	19.5	66.5	6.30	11.2	3.10	10.6	1.7	
			C-SBS235H38B	—	—	19.5	66.5	6.30	11.2	3.10	10.6	1.7	Tandem
	7.7	131.9	C-SCN583H8H	809 184 88	—	23.6	80.5	7.55	13.1	3.13	10.7	2.8	
			C-SCN583H8K	809 186 88	—	23.6	80.5	7.55	13.1	3.13	10.7	2.8	Tandem
	8	137.0	C-SCN603H8H	809 181 88	—	24.5	83.6	7.75	13.2	3.16	10.8	2.8	
			C-SCN603H8K	809 183 88	—	24.5	83.6	7.75	13.2	3.16	10.8	2.8	Tandem
C-SCN603H8T			809 185 88	—	24.5	83.6	7.75	13.2	3.16	10.8	2.8	Sight glass	
9	148.8	C-SCN673H8H	809 191 88	—	26.5	90.4	8.50	14.4	3.12	10.6	2.8		
		C-SCN673H8K	809 193 88	—	26.5	90.4	8.50	14.4	3.12	10.6	2.8	Tandem	
10	171.2	C-SCN753H8H	809 101 88	—	29.9	102.0	9.35	15.9	3.20	10.9	2.8		
		C-SCN753H8K	809 103 88	—	29.9	102.0	9.35	15.9	3.20	10.9	2.8	Tandem	
		C-SCN753H8T	809 105 88	—	29.9	102.0	9.35	15.9	3.20	10.9	2.8	Sight glass	
12	205.4	C-SCN903H8H	809 121 88	—	34.9	119.1	11.30	18.9	3.09	10.5	2.8		
		C-SCN903H8K	809 123 88	—	34.9	119.1	11.30	18.9	3.09	10.5	2.8	Tandem	
		C-SCN903H8T	809 125 88	—	34.9	119.1	11.30	18.9	3.09	10.5	2.8	Sight glass	

## ■ B5 (50Hz 220-240V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
1Ph	3.5	55.7	C-SBS120H15A	—	PSC	9.70	33.1	3.40	16.1	2.85	9.7	1.7	
	4	66.8	C-SBS145H15A	—	PSC	11.8	40.3	4.00	19.4	2.95	10.1	1.7	
	4.6	77.4	C-SBS165H15A	—	PSC	13.7	46.7	4.80	22.6	2.85	9.7	1.4	
	5	83.2	C-SBS180H15A	—	PSC	14.7	50.2	5.05	24.1	2.91	9.9	1.4	
	5.8	93.1	C-SBS200H15H	—	PSC	16.4	56.0	5.55	25.7	2.95	10.1	1.7	Sight glass
3Ph	3.5	55.7	C-SBN263H5A	809 930 85	—	9.85	33.6	3.35	10.6	2.94	10.0	1.7	
	4	66.8	C-SBN303H5A	809 940 85	—	11.5	39.2	3.85	12.9	2.99	10.2	1.7	
	5	83.2	C-SBN373H5A	809 950 85	—	14.7	50.2	5.05	15.1	2.91	9.9	1.7	
	6	100.0	C-SBN453H5A	809 960 85	—	17.7	60.4	5.90	18.0	3.00	10.2	1.7	
	7.7	131.9	C-SCN583H5H	809 184 85	—	23.7	80.9	7.55	23.1	3.14	10.7	2.8	
	8	137.0	C-SCN603H5H	809 181 85	—	24.2	82.6	7.70	23.3	3.14	10.7	2.8	
	10	171.2	C-SCN753H5H	809 101 85	—	29.9	102.0	9.40	28.1	3.18	10.9	2.8	
12	205.4	C-SCN903H5H	809 121 85	—	34.8	118.7	11.30	33.3	3.08	10.5	2.8		

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 9K

# Scroll Compressor for Air-conditioning

R407C 60Hz

## ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A		
3Ph	3.5	55.7	C-SBS120H38A	—	—	12.0	40.9	3.80	6.3	3.16	10.8	1.7	
			C-SBN263H8A	809 930 88	—	11.8	40.3	4.10	6.4	2.88	9.8	1.7	
	4	66.8	C-SBS145H38A	—	—	14.4	49.1	4.53	7.1	3.18	10.8	1.7	
			C-SBN303H8A	809 940 88	—	14.6	49.8	4.60	6.9	3.17	10.8	1.7	
			C-SBN303H8G	809 946 88	—	14.6	49.8	4.60	6.9	3.17	10.8	1.7	Tandem
	4.2	70.5	C-SBS150H38C	—	—	15.5	52.9	4.87	7.5	3.18	10.9	1.4	
	4.4	73.2	C-SBS160H38A	—	—	15.7	53.6	4.97	7.6	3.16	10.8	1.7	
	4.5	76.0	C-SBS165H38C	—	—	16.4	56.0	5.29	7.9	3.10	10.6	1.7	
	4.6	77.4	C-SBN353H8A	809 942 88	—	16.5	56.3	5.60	8.4	2.95	10.1	1.7	
			C-SBN353H8G	809 944 88	—	16.5	56.3	5.60	8.4	2.95	10.1	1.7	Tandem
			C-SBS165H38P	—	—	16.5	56.3	5.60	8.9	2.95	10.1	1.7	T3
	5	83.2	C-SBN373H8A	809 950 88	—	17.8	60.7	5.96	8.8	2.99	10.2	1.7	
			C-SBN373H8G	809 956 88	—	17.8	60.7	5.96	8.8	2.99	10.2	1.7	Tandem
		83.7	C-SBS180H38C	—	—	17.6	60.1	5.68	8.3	3.10	10.6	1.7	
	5.5	90.6	C-SBS195H38A	—	—	19.5	66.5	6.24	9.5	3.13	10.7	1.7	
	6	100.0	C-SBN453H8A	809 960 88	—	21.3	72.7	7.00	10.2	3.04	10.4	1.7	
			C-SBN453H8G	809 966 88	—	21.3	72.7	7.00	10.2	3.04	10.4	1.7	Tandem
			C-SBS215H38P	—	—	21.3	72.7	7.00	10.5	3.04	10.4	1.7	T3
	7	110.2	C-SBS235H38A	—	—	23.4	79.8	7.55	11.3	3.10	10.6	1.7	
			C-SBS235H38B	—	—	23.4	79.8	7.55	11.3	3.10	10.6	1.7	Tandem
7.7	131.9	C-SCN583H8H	809 184 88	—	28.0	95.5	9.25	13.7	3.03	10.3	2.8		
		C-SCN583H8K	809 186 88	—	28.0	95.5	9.25	13.7	3.03	10.3	2.8	Tandem	
8	137.0	C-SBN603H8H	809 181 88	—	29.1	99.3	9.45	13.9	3.08	10.5	2.8		
		C-SCN603H8K	809 183 88	—	29.1	99.3	9.45	13.9	3.08	10.5	2.8	Tandem	
		C-SCN603H8T	809 185 88	—	29.1	99.3	9.45	13.9	3.08	10.5	2.8	Sight glass	
9	148.8	C-SCN673H8H	809 191 88	—	32.0	109.2	10.45	14.9	3.06	10.4	2.8		
		C-SCN673H8K	809 193 88	—	32.0	109.2	10.45	14.9	3.06	10.4	2.8	Tandem	
10	171.2	C-SCN753H8H	809 101 88	—	35.9	122.5	11.50	16.7	3.12	10.7	2.8		
		C-SCN753H8K	809 103 88	—	35.9	122.5	11.50	16.7	3.12	10.7	2.8	Tandem	
		C-SCN753H8T	809 105 88	—	35.9	122.5	11.50	16.7	3.12	10.7	2.8	Sight glass	

## ■ B6 (60Hz 208-230V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A		
3Ph	3.1	51.8	C-SBN263H6C	809 932 86	—	11.1	37.9	3.95	13.0	2.81	9.6	1.7	
	3.5	55.7	C-SBN263H6B	809 931 86	—	12.0	40.9	4.21	14.2	2.85	9.7	1.7	
	4	66.8	C-SBN303H6A	809 940 86	—	14.4	49.1	4.70	15.2	3.06	10.5	1.7	
			C-SBN303H6G	809 946 86	—	14.2	48.5	4.75	15.5	2.99	10.2	1.7	Tandem
	4.6	77.4	C-SBN353H6B	809 943 86	—	16.8	57.3	5.60	17.9	3.00	10.2	1.7	
	5	83.2	C-SBN373H6A	809 950 86	—	18.0	61.4	5.85	18.3	3.08	10.5	1.7	
	6	100.0	C-SBN453H6A	809 960 86	—	21.5	73.4	7.05	21.7	3.05	10.4	1.7	
	8	137.0	C-SCN603H6K	808 181 89	—	29.9	102.0	9.65	29.0	3.10	10.6	2.8	Tandem
10	171.2	C-SCN753H6K	809 101 89	—	38.1	130.0	11.80	35.3	3.23	11.0	2.8	Tandem	

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 9K

## Scroll Compressor for Air-conditioning

R407C 60Hz

### ■ B9 (60Hz 380V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	3.1	51.8	C-SBN263H9C	808 932 89	—	11.0	37.5	4.00	6.8	2.75	9.4	1.7	
	3.5	55.7	C-SBN263H9A	809 930 89	—	11.7	39.9	4.10	6.9	2.85	9.7	1.7	
	4	66.8	C-SBN303H9A	809 940 89	—	14.2	48.5	4.65	7.9	3.05	10.4	1.7	
	4.6	77.4	C-SBN353H9A	809 942 89	—	16.5	56.3	5.55	9.5	2.97	10.1	1.7	
	5	83.2	C-SBN373H9A	809 950 89	—	18.0	61.4	5.90	10.1	3.05	10.4	1.7	
	6	100.0	C-SBN453H9A	809 960 89	—	21.0	71.7	7.05	12.0	2.98	10.2	1.7	
	8	137.0	C-SCN603H9H	808 181 89	—	29.6	101.0	9.45	16.3	3.13	10.7	2.8	
			C-SCN603H9T	809 185 89	—	29.7	101.3	9.80	17.1	3.03	10.3	2.8	Sight glass
	10	171.2	C-SCN753H9H	809 101 89	—	36.6	124.9	11.30	19.3	3.24	11.1	2.8	
			C-SCN753H9T	809 105 89	—	37.7	128.6	11.90	20.6	3.17	10.8	2.8	Sight glass
12	205.4	C-SCN903H9H	809 121 89	—	42.9	146.4	13.60	23.8	3.15	10.8	2.8		
		C-SCN903H9T	809 125 89	—	43.8	149.5	13.90	24.5	3.15	10.8	2.8	Sight glass	

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 9K

## Scroll Compressor for Air-conditioning

R407C

### ■ AC Inverter

Phase	Nominal Output	Displacement	Compressor Model	Revolution Range	Voltage	60 Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	Hz	V	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter		
AC Inv	5	55.7	C-SBS180H00B	30~90	380	12.47	42.5	4.21	8.9	2.96	10.1	1.7	Tandem
	9	148.8	4CC149NA01	20~75	380	31.65	108.0	10.48	18.6	3.02	10.3	2.8	
			4CC149NA04	20~75	380	31.65	108.0	10.48	18.6	3.02	10.3	2.8	Tandem

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K



# Scroll Compressor for Air-conditioning

R22 50Hz

## ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3.1	51.8	C-SB263H8B	809 831 88	—	9.2	31.2	3.0	5.5	3.10	10.6	1.7	
			C-SB263H8C	809 832 88	—	9.2	31.2	3.0	5.5	3.10	10.6	1.7	
	3.5	55.7	C-SB263H8A	809 830 88	—	9.6	32.8	3.1	5.7	3.10	10.6	1.7	
			C-SBX120H38A	—	—	10.0	34.1	3.0	5.7	3.33	11.4	1.7	
	4	66.8	C-SB303H8A	809 840 88	—	11.8	40.3	3.7	6.5	3.23	11.0	1.7	
			C-SB303H8G	809 846 88	—	11.8	40.3	3.7	6.5	3.23	11.0	1.7	Tandem
	4.2	70.5	C-SBX145H38A	—	—	12.0	40.9	3.6	6.5	3.38	11.5	1.7	
			C-SBX150H38C	—	—	12.8	43.7	3.7	6.5	3.51	12.0	1.4	
	4.4	73.2	C-SBX150H38A	—	—	12.8	43.7	3.8	6.7	3.41	11.6	1.7	
			C-SBX160H38A	—	—	13.1	44.7	3.9	7.0	3.40	11.6	1.4	
	4.5	76.0	C-SBX165H38A	809 745 88	—	13.5	46.1	4.1	7.2	3.33	11.4	1.7	
			C-SBX165H38B	809 746 88	—	13.5	46.1	4.1	7.2	3.33	11.4	1.7	Tandem
			C-SBX165H38C	—	—	13.6	46.4	4.1	7.3	3.32	11.3	1.7	
	4.6	77.4	C-SB353H8A	809 842 88	—	13.5	46.1	4.3	7.5	3.18	10.8	1.7	
			C-SB353H8G	809 847 88	—	13.5	46.1	4.3	7.5	3.18	10.8	1.7	Tandem
	4.9	81.0	C-SBX180H38A	809 750 88	—	14.3	48.8	4.3	7.6	3.33	11.3	1.7	
			C-SBX180H38B	809 751 88	—	14.3	48.8	4.3	7.6	3.33	11.3	1.7	Tandem
	5	83.2	C-SB373H8A	809 850 88	—	14.5	49.5	4.5	7.9	3.19	10.9	1.7	
			C-SB373H8G	809 856 88	—	14.5	49.5	4.5	7.9	3.19	10.9	1.7	Tandem
			C-SBX180H38C	809 753 88	—	14.7	50.2	4.5	7.7	3.30	11.3	1.7	
	5.2	85.5	C-SBX180H38D	809 754 88	—	14.7	50.2	4.5	7.7	3.30	11.3	1.7	Tandem
			C-SB373H8F	809 855 88	—	15.0	51.2	4.7	8.1	3.19	10.9	1.7	
	5.5	90.6	C-SBX195H38A	—	—	16.3	55.6	4.9	8.9	3.33	11.4	1.7	
			C-SBR195H38A	—	—	16.0	54.6	5.0	8.4	3.20	10.9	1.7	
	6	100.0	C-SBX215H38P	—	—	17.8	60.7	5.4	9.4	3.33	11.4	1.7	
			C-SB453H8A	809 860 88	—	17.7	60.4	5.4	9.3	3.26	11.1	1.7	
			C-SB453H8G	809 866 88	—	17.7	60.4	5.4	9.3	3.26	11.1	1.7	Tandem
	7	110.2	C-SBR235H38A	—	—	19.2	65.5	6.0	10.7	3.20	10.9	1.7	
C-SBR235H38B			—	—	19.2	65.5	6.0	10.7	3.20	10.9	1.7	Tandem	
7.7	131.9	C-SC583H8H	809 284 88	—	23.6	80.5	7.2	12.3	3.30	11.3	2.8		
		C-SC583H8K	809 286 88	—	23.6	80.5	7.2	12.3	3.30	11.3	2.8	Tandem	
8	137.0	C-SC603H8H	809 281 88	—	24.5	83.6	7.4	12.6	3.31	11.3	2.8		
		C-SC603H8K	809 283 88	—	24.5	83.6	7.4	12.6	3.31	11.3	2.8	Tandem	
9	148.8	C-SC673H8H	809 291 88	—	26.5	90.4	8.1	13.6	3.29	11.2	2.8		
		C-SC673H8K	809 293 88	—	26.5	90.4	8.1	13.6	3.29	11.2	2.8	Tandem	
10	171.2	C-SC753H8H	809 201 88	—	30.6	104.4	9.1	15.4	3.38	11.5	2.8		
		C-SC753H8K	809 203 88	—	30.6	104.4	9.1	15.4	3.38	11.5	2.8	Tandem	
		C-SC753H8T	809 205 88	—	30.6	104.4	9.1	15.4	3.38	11.5	2.8	Sight glass	
11.4	194.9	C-SCX435H38B	—	—	36.1	123.2	10.4	18.9	3.47	11.8	2.8	Tandem	
11.6	199.1	C-SC863H8H	809 224 88	—	35.2	120.1	10.6	17.7	3.32	11.3	2.8		
12	205.4	C-SC903H8H	809 221 88	—	36.1	123.2	10.9	18.2	3.31	11.3	2.8		
		C-SC903H8K	809 223 88	—	36.1	123.2	10.9	18.2	3.31	11.3	2.8	Tandem	
		C-SC903H8T	809 225 88	—	36.1	123.2	10.9	18.2	3.31	11.3	2.8	Sight glass	

## ■ B5 (50Hz 220-240V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
1Ph	3.1	51.8	C-SBR110H15A	—	PSC	9.10	31.1	3.1	14.6	2.94	10.0	1.7	
	3.5	55.7	C-SBR120H15A	—	PSC	9.70	33.1	3.3	15.0	2.98	10.2	1.7	
			C-SBR120H15P	—	PSC	9.70	33.1	3.3	15.4	2.98	10.2	1.7	T3
	3.6	60.4	C-SBX135H15A	—	CSR	11.0	37.5	3.3	15.1	3.33	11.4	1.4	
	4	66.8	C-SBX145H15A	—	CSR	12.0	40.9	3.6	16.7	3.33	11.4	1.4	
			C-SBR145H15A	—	PSC	11.7	39.9	3.8	17.4	3.12	10.6	1.7	
	4.6	77.4	C-SBR145H15P	—	PSC	11.8	40.3	3.7	17.0	3.19	10.9	1.4	
			C-SBR165H15A	—	PSC	13.7	46.7	4.5	20.3	3.08	10.5	1.4	
5	83.2	C-SBR180H15A	—	PSC	14.8	50.5	4.8	22.3	3.08	10.5	1.4		
5.8	93.1	C-SBR200H15H	—	PSC	16.4	56.0	5.3	24.2	3.12	10.7	1.7		
3Ph	4	66.8	C-SB303H5A	809 840 85	—	11.7	39.9	3.7	12.4	3.16	10.8	1.7	
	5	83.2	C-SB373H5A	809 850 85	—	14.7	50.2	4.7	13.9	3.16	10.8	1.7	
	6	100.0	C-SB453H5A	809 860 85	—	17.8	60.7	5.5	16.8	3.24	11.0	1.7	
	8	137.0	C-SC603H5H	809 281 85	—	24.2	82.6	7.4	22.2	3.29	11.2	2.8	
	10	171.2	C-SC753H5H	809 201 85	—	30.6	104.4	9.1	27.2	3.36	11.5	2.8	
12	205.4	C-SC903H5H	809 221 85	—	36.0	122.8	10.9	32.1	3.30	11.3	2.8		

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

# Scroll Compressor for Air-conditioning

R22 60Hz

## ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A		
3Ph	3.1	51.8	C-SB263H8B	809 831 88	—	11.2	38.2	3.5	5.5	3.20	10.9	1.7	
			C-SB263H8C	809 832 88	—	11.2	38.2	3.5	5.5	3.20	10.9	1.7	
	3.5	55.7	C-SB263H8A	809 830 88	—	11.8	40.3	3.7	5.8	3.19	10.9	1.7	
			C-SBX120H38A	—	—	12.2	41.6	3.7	5.7	3.34	11.4	1.7	
	4	66.8	C-SB303H8A	809 840 88	—	14.4	49.1	4.4	6.6	3.27	11.2	1.7	
			C-SB303H8G	809 846 88	—	14.4	49.1	4.4	6.6	3.27	11.2	1.7	Tandem
			C-SBX145H38A	—	—	14.6	49.8	4.3	6.6	3.44	11.7	1.7	
	4.2	70.5	C-SBX150H38C	—	—	15.6	53.2	4.4	6.7	3.55	12.1	1.4	
		70.9	C-SBX150H38A	—	—	15.5	52.9	4.6	6.9	3.41	11.6	1.7	
	4.4	73.2	C-SBX160H38A	—	—	15.8	53.9	4.7	7.1	3.40	11.6	1.4	
	4.5	76.0	C-SBX165H38A	809 745 88	—	16.3	55.6	4.9	7.4	3.33	11.4	1.7	
			C-SBX165H38B	809 746 88	—	16.3	55.6	4.9	7.4	3.33	11.4	1.7	Tandem
			C-SBX165H38C	—	—	16.5	56.3	5.0	7.5	3.33	11.4	1.7	
	4.6	77.4	C-SB353H8A	809 842 88	—	16.7	57.0	5.1	7.6	3.28	11.2	1.7	
			C-SB353H8G	809 847 88	—	16.7	57.0	5.1	7.6	3.28	11.2	1.7	Tandem
	4.9	81.0	C-SBX180H38A	809 750 88	—	17.3	59.0	5.2	7.8	3.33	11.4	1.7	
			C-SBX180H38B	809 751 88	—	17.3	59.0	5.2	7.8	3.33	11.4	1.7	Tandem
	5	83.2	C-SB373H8A	809 850 88	—	17.9	61.1	5.6	8.2	3.23	11.0	1.7	
			C-SB373H8G	809 856 88	—	17.9	61.1	5.6	8.2	3.23	11.0	1.7	Tandem
		83.7	C-SBX180H38C	809 753 88	—	17.8	60.7	5.4	7.9	3.30	11.2	1.7	
			C-SBX180H38D	809 754 88	—	17.8	60.7	5.4	7.9	3.30	11.2	1.7	Tandem
	5.2	85.5	C-SB373H8F	809 855 88	—	18.4	62.8	5.8	8.5	3.20	10.9	1.7	
	5.5	90.6	C-SBX195H38A	—	—	19.8	67.6	5.9	9.0	3.38	11.5	1.7	
			C-SBR195H38A	—	—	19.4	66.2	6.0	8.7	3.23	11.0	1.7	
	6	100.0	C-SBX215H38P	—	—	21.5	73.4	6.5	9.6	3.33	11.4	1.7	
			C-SB453H8A	809 860 88	—	21.5	73.4	6.6	9.7	3.24	11.0	1.7	
			C-SB453H8G	809 866 88	—	21.5	73.4	6.6	9.7	3.24	11.0	1.7	Tandem
	7	110.2	C-SBR235H38A	—	—	23.2	79.2	7.1	10.7	3.27	11.1	1.7	
			C-SBR235H38B	—	—	23.2	79.2	7.1	10.7	3.27	11.1	1.7	Tandem
	7.7	131.9	C-SC583H8H	809 284 88	—	28.5	97.2	8.8	12.8	3.26	11.1	2.8	
C-SC583H8K			809 286 88	—	28.5	97.2	8.8	12.8	3.26	11.1	2.8	Tandem	
8	137.0	C-SC603H8H	809 281 88	—	29.6	101.0	9.0	13.2	3.29	11.2	2.8		
		C-SC603H8K	809 283 88	—	29.6	101.0	9.0	13.2	3.29	11.2	2.8	Tandem	
9	148.8	C-SC673H8H	809 291 88	—	32.0	109.2	9.8	14.2	3.27	11.1	2.8		
		C-SC673H8K	809 293 88	—	32.0	109.2	9.8	14.2	3.27	11.1	2.8	Tandem	
10	171.2	C-SC753H8H	809 201 88	—	36.9	125.9	11.1	16.1	3.32	11.3	2.8		
		C-SC753H8K	809 203 88	—	36.9	125.9	11.1	16.1	3.32	11.3	2.8	Tandem	
		C-SC753H8T	809 205 88	—	36.9	125.9	11.1	16.1	3.32	11.3	2.8	Sight glass	
11.4	194.9	C-SCX435H38B	—	—	42.1	143.7	12.4	19.0	3.40	11.6	2.8		

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

# Scroll Compressor for Air-conditioning

R22 60Hz

## ■ B6 (60Hz 208-230V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
1Ph	3.5	55.7	C-SBR120H16A	—	PSC	12.1	41.3	3.8	18.8	3.23	11.0	1.7	
			C-SBR120H16P	—	CSR	11.9	40.6	3.9	18.8	3.05	10.4	10.4	1.7
	4	66.8	C-SBR145H16A	—	PSC	14.5	49.5	4.5	22.0	3.26	11.1	1.4	
			C-SBR145H16P	—	CSR	14.1	48.1	4.7	22.9	3.00	10.2	10.2	1.4
	4.6	77.4	C-SBR165H16A	—	PSC	16.7	57.0	5.5	26.3	3.06	10.5	1.4	
			C-SBR165H16P	—	CSR	16.6	56.6	5.5	28.2	3.02	10.3	10.3	1.4
5	83.2	C-SBR180H16A	—	PSC	18.0	61.4	5.8	28.5	3.13	10.7	1.4		
		C-SBR180H16N	—	CSR	18.1	61.8	5.8	27.4	3.12	10.6	10.6	1.4	T3
3Ph	3.1	51.8	C-SB263H6C	809 832 86	—	11.1	37.9	3.6	12.2	3.13	10.7	1.7	
	3.5	55.7	C-SB263H6B	809 831 86	—	11.9	40.6	3.7	12.5	3.22	11.0	1.7	
	4	66.8	C-SB303H6A	809 840 86	—	14.4	49.1	4.4	14.0	3.27	11.2	1.7	
			C-SB303H6B	809 841 86	—	14.4	49.1	4.4	14.0	3.27	11.2	1.7	
			C-SB303H6G	809 846 86	—	14.4	49.1	4.4	14.0	3.27	11.2	11.2	1.7
	4.6	77.4	C-SB353H6B	809 843 86	—	16.8	57.3	5.1	16.4	3.29	11.2	1.7	
			C-SB353H6C	809 844 86	—	16.8	57.3	5.1	16.4	3.29	11.2	1.7	
			C-SB373H6A	809 850 86	—	18.1	61.8	5.5	17.3	3.32	11.3	1.7	
	5	83.2	C-SB373H6B	809 851 86	—	18.1	61.8	5.5	17.3	3.32	11.3	1.7	
			C-SB373H6G	809 856 86	—	18.1	61.8	5.5	17.3	3.32	11.3	1.7	Tandem
			C-SB453H6A	809 860 86	—	21.3	72.7	6.6	20.5	3.25	11.1	1.7	
	6	100.0	C-SB453H6B	809 861 86	—	21.3	72.7	6.6	20.5	3.25	11.1	1.7	
			C-SB453H6G	809 866 86	—	21.3	72.7	6.6	20.5	3.25	11.1	1.7	Tandem
			C-SBR235H36A	—	—	23.3	79.5	7.1	22.6	3.28	11.2	1.7	
	7	110.2	C-SC583H6H	809 284 86	—	27.9	95.2	8.8	27.2	3.19	10.9	2.8	
	8	137.0	C-SC603H6H	809 281 86	—	29.6	101.0	9.0	27.9	3.31	11.3	2.8	
			C-SC603H6K	809 283 86	—	29.6	101.0	9.0	27.9	3.31	11.3	2.8	Tandem
	9	148.8	C-SC673H6H	809 291 86	—	32.3	110.2	9.6	29.8	3.38	11.5	2.8	
10	171.2	C-SC753H6H	809 201 86	—	37.0	126.2	11.0	33.9	3.36	11.5	2.8		
		C-SC753H6K	809 203 86	—	37.0	126.2	11.0	33.9	3.36	11.5	2.8	Tandem	
12	205.4	C-SC903H6H	809 221 86	—	43.2	147.4	13.7	41.4	3.15	10.8	2.8		
		C-SC903H6K	809 222 86	—	44.1	150.5	13.7	41.4	3.22	11.0	2.8	Tandem	

## ■ B9 (60Hz 380V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
						kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	3.1	51.8	C-SB263H9B	809 831 89	—	10.9	37.2	3.6	6.1	3.03	10.3	1.7	
			C-SB263H9C	809 832 89	—	10.9	37.2	3.6	6.1	3.03	10.3	1.7	
	3.5	55.7	C-SB263H9A	809 830 89	—	11.8	40.3	4.0	6.6	2.98	10.2	1.7	
	4	66.8	C-SB303H9A	809 840 89	—	14.2	48.5	4.4	7.5	3.23	11.0	1.7	
			C-SB303H9G	809 846 89	—	14.2	48.5	4.4	7.5	3.23	11.0	1.7	Tandem
	4.6	77.4	C-SB353H9A	809 842 89	—	16.6	56.6	5.1	8.7	3.25	11.1	1.7	
	5	83.2	C-SB373H9A	809 850 89	—	17.8	60.7	5.5	9.4	3.24	11.0	1.7	
			C-SB373H9G	809 856 89	—	17.8	60.7	5.5	9.4	3.24	11.0	1.7	Tandem
	6	100.0	C-SB453H9A	809 860 89	—	21.2	72.3	6.6	11.1	3.24	11.0	1.7	
			C-SB453H9G	809 866 89	—	21.2	72.3	6.6	11.1	3.24	11.0	1.7	Tandem
	7	110.2	C-SBR235H39A	—	—	23.4	79.8	7.1	12.2	3.32	11.3	1.4	
			C-SBR235H39B	—	—	23.4	79.8	7.1	12.2	3.32	11.3	1.4	Tandem
	8	137.0	C-SC603H9H	809 281 89	—	29.6	101.0	9.0	15.6	3.29	11.2	2.8	
			C-SC603H9K	809 283 89	—	29.6	101.0	9.0	15.6	3.29	11.2	2.8	Tandem
	10	171.2	C-SC753H9H	809 201 89	—	37.3	127.3	11.1	19.0	3.36	11.5	2.8	
			C-SC753H9K	809 203 89	—	37.3	127.3	11.1	19.0	3.36	11.5	2.8	Tandem
	12	205.4	C-SC903H9H	809 221 89	—	44.4	151.5	13.4	23.4	3.31	11.3	2.8	
			C-SC903H9T	809 225 89	—	44.3	151.2	13.4	23.7	3.31	11.3	2.8	Sight glass

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

## Scroll Compressor for Heat Pump

R410A 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz				Net Weight kg	Oil Charge Liter	Remarks
				Heating Capacity	Power Input	COP	Current			
				kW	kW	W/W	A			
3Ph	4.5	51.8	C-SBP160H38K	11.6	3.8	3.06	7.5	39.0	1.7	
	5.0	58.3	C-SBP180H38K	13.5	4.5	3.03	7.8	39.0	1.7	
	6.0	66.8	C-SBP205H38K	15.1	4.9	3.06	9.0	39.0	1.7	
	10.0	104.1	C-SCP315H38M	25.3	7.9	3.20	13.7	69.0	2.8	
	11.0	120.3	C-SCP360H38M	29.1	9.1	3.20	15.5	72.0	2.8	
	12.0	127.8	C-SCP400H38M	31.2	9.7	3.22	16.7	74.0	2.8	
	13.0	139.6	C-SCP420H38M	34.0	10.6	3.21	18.2	75.0	2.8	
	15.0	171.2	C-SCP510H38B	41.5	12.9	3.22	22.1	76.2	3.5	
	5.0	55.7	C-SBP170H38Q	14.6	5.0	2.91	8.8	38.0	1.7	EVI
			C-SBP170H38G	14.6	5.0	2.91	8.8	38.0	1.7	EVI,Tandem
	6.0	66.8	C-SBP205H38Q	17.1	5.9	2.90	10.5	39.0	1.7	EVI
	8.0	89.6	C-SCP270H38Q	23.3	7.6	3.05	13.2	70.0	2.8	EVI
	10.0	104.1	C-SCP315H38Q	27.8	8.8	3.16	15.9	71.0	2.8	EVI
	11.0	120.2	C-SCP360H38Q	32.4	10.3	3.15	18.2	71.5	2.8	EVI
	13.0	145.4	C-SCP435H38Q	40.6	12.6	3.22	22.2	74.0	2.8	EVI
15.0	171.2	5CC171SA02	46.0	14.3	3.22	25.1	76.5	3.5	EVI	
DC INV.	10.0	66.8	5CD067ZA02	34.0	10.5	3.24	20.0	40.0	1.6	EVI
	12.0	80.5	5CD081ZA02	41.0	12.6	3.25	24.0	41.0	1.6	EVI

Rating Condition: Condensing Temperature50°C, Evaporating Temperature-7°C, Sub Cooling8.3K(2K for EVI model), Superheat11.1K

## Scroll Compressor for Heat Pump

R407C 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz				Net Weight kg	Oil Charge Liter	Remarks
				Heating Capacity	Power Input	COP	Current			
				kW	kW	W/W	A			
3Ph	3.5	55.7	C-SBS120H38A	8.7	2.8	3.16	5.8	38.0	1.7	
	4.0	66.8	C-SBS145H38A	10.3	3.2	3.26	6.1	38.0	1.7	
	5.0	84.4	C-SBS180H38C	12.7	3.9	3.22	7.4	38.0	1.7	
	8.0	137.0	C-SCN603H8H	19.0	5.9	3.25	11.8	66.0	2.8	
	9.0	148.8	C-SCN673H8H	20.5	6.3	3.28	12.8	69.0	2.8	
	10.0	171.2	4CC171LA01	23.0	7.1	3.26	14.4	69.0	2.8	
	12.0	205.4	4CC205SA01	27.0	8.3	3.25	17.0	70.0	2.8	
	3.5	55.7	C-SBS120H38Q	10.4	3.3	3.20	6.2	37.0	1.7	EVI
	4.0	66.8	C-SBS145H38Q	12.3	3.9	3.15	7.0	37.0	1.7	EVI
	5.0	83.2	C-SBS180H38Q	15.0	4.6	3.26	8.5	38.0	1.7	EVI
	6.0	96.2	C-SBS205H38Q	17.3	5.4	3.23	9.8	38.0	1.7	EVI
	8.0	137.0	C-SCS295H38Q	25.0	7.8	3.23	13.4	66.0	2.8	EVI
	10.0	171.2	C-SCS370H38Q	29.6	9.2	3.22	15.8	70.0	2.8	EVI
	12.0	205.4	C-SCS435H38Q	35.5	11.3	3.14	19.0	70.0	2.8	EVI
	1Ph	3.5	55.7	C-SBS120H15Q	10.1	3.4	3.01	15.5	37.0	1.7
4.0		66.8	C-SBS145H15Q	12.4	3.9	3.18	18.1	37.0	1.7	EVI

Rating Condition: Condensing Temperature50°C, Evaporating Temperature-7°C, Sub Cooling8.3K(2K for EVI model), Superheat9K

## Scroll Compressor for Heat Pump

R134a 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz				Net Weight kg	Oil Charge Liter	Remarks
				Heating Capacity	Power Input	COP	Current			
				kW	kW	W/W	A			
3Ph	4.0	66.8	6CB067SA01	10.4	2.5	4.23	5.3	38.0	1.7	
	5.0	84.4	6CB084SA01	13.0	3.0	4.30	5.9	38.0	1.7	
	6.0	100.0	6CB100SA01	15.5	3.6	4.28	6.8	38.0	1.7	
	7.0	110.2	6CB110SA01	17.1	4.0	4.26	7.9	38.0	1.7	
	8.0	137.0	6CC137SA01	20.9	4.9	4.27	9.1	66.0	2.8	
	10.0	171.2	6CC171SA01	26.2	6.2	4.25	11.4	70.0	2.8	
	12.0	205.4	6CC205SA01	30.8	7.3	4.22	13.8	70.0	2.8	

Rating Condition: Condensing Temperature54.4°C, Evaporating Temperature7.2°C, Sub Cooling8.3K, Superheat11.1K

# Scroll Compressor for Heat Pump

R22 50Hz

## ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz				Net Weight	Oil Charge	Remarks
	HP	cm <sup>3</sup> /rev		Heating Capacity	Power Input	COP	Current			
				kW	kW	W/W	A			
3Ph	4.0	66.8	C-SBX145H38A	10.3	3.1	3.34	5.9	38.0	1.7	
	5.0	84.4	C-SBR180H38K	12.7	3.8	3.31	6.9	38.0	1.7	
	8.0	137.0	C-SC603H8H	19.0	5.7	3.33	11.4	66.0	2.8	
	9.0	148.8	C-SC673H8H	20.5	6.1	3.36	12.3	67.0	2.8	
	10.0	171.2	2CC171LA01	23.5	7.0	3.36	14.2	69.0	2.8	
	12.0	205.4	2CC205SA11	27.5	8.1	3.40	16.5	74.0	2.8	
	3.5	55.7	C-SBR120H38Q	10.2	3.1	3.29	5.6	37.0	1.7	EVI
	4.0	66.8	C-SBR145H38Q	12.1	3.6	3.36	6.7	37.0	1.7	EVI
	5.0	83.2	C-SBR180H38Q	14.4	4.4	3.31	8.2	38.0	1.7	EVI
	6.0	96.2	C-SBR205H38Q	16.9	5.0	3.38	8.9	38.0	1.7	EVI
	8.0	137.0	C-SCR295H38Q	24.5	7.3	3.38	12.6	66.0	2.8	EVI
1Ph	3.5	55.7	C-SBR120H15Q	10.1	3.2	3.16	14.9	37.0	1.7	EVI
	4.0	66.8	C-SBR145H15Q	12.1	3.7	3.27	17.3	37.2	1.7	EVI

Rating Condition: Condensing Temperature 50°C, Evaporating Temperature -7°C, Sub Cooling 8.3K (2K for EVI model), Superheat 1.1K

## Scroll Compressor for Refrigeration [LT]

R404A/R448A/R449A 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	4	66.8	C-SBN303L8A	809 940 68	Brazed	5.30	18.1	3.7	6.6	1.44	4.9	1.7	
	5	83.2	C-SBN373L8A	809 950 68	Brazed	6.50	22.2	4.9	8.5	1.33	4.5	1.7	
	6	96.2	C-SBN453L8A	809 960 68	Brazed	7.75	26.4	5.3	9.6	1.48	5.0	2.0	
		104.0	C-SCN453L8H	809 161 68	Flanged	8.15	27.8	5.8	10.4	1.41	4.8	2.5	
	7	120.0	C-SCN523L8H	809 171 68	Flanged	9.35	31.9	6.5	11.8	1.45	4.9	2.5	
			3CC120SA03	—	Brazed	9.35	31.9	6.5	11.8	1.45	4.9	2.5	
	8	137.0	C-SCN603L8H	809 181 68	Flanged	10.20	34.8	7.4	13.5	1.38	4.7	2.5	
			3CC137SA03	—	Brazed	10.20	34.8	7.4	13.5	1.38	4.7	2.5	
10	171.2	C-SCN753L8H	809 101 68	Flanged	13.30	45.4	9.0	16.3	1.48	5.0	2.5		
		3CC171SA03	—	Brazed	13.30	45.4	9.0	16.3	1.48	5.0	2.5		
12.5	216.1	3CC216SA03	—	Brazed	16.90	57.7	11.4	20.6	1.48	5.1	2.5		

### ■ B3 (50Hz 200V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	5	89.2	C-SCN373L3H	809 151 63	Flanged	6.95	23.7	5.1	19.2	1.36	4.6	—	
	6	104.0	C-SCN453L3H	809 161 63	Flanged	8.10	27.6	5.9	21.6	1.38	4.7	—	
	7	120.0	C-SCN523L3H	809 171 63	Flanged	9.25	31.6	6.5	23.6	1.42	4.9	—	
	8	137.0	C-SCN603L3H	809 181 63	Flanged	10.50	35.8	7.5	27.0	1.41	4.8	—	
	10	171.2	C-SCN753L3H	809 101 63	Flanged	13.05	44.5	9.2	32.5	1.43	4.9	—	
			ACC171JA03	—	Flanged	13.05	44.5	9.2	32.5	1.43	4.9	—	
12.5	216.1	C-SCN903L3H	809 121 63	Flanged	16.90	57.7	11.4	39.8	1.48	5.1	—		
		ACC216JA03	—	Flanged	16.90	57.7	11.4	39.8	1.48	5.1	—		

## Scroll Compressor for Refrigeration [LT]

R404A/R448A/R449A 60Hz

### ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	4	66.8	C-SBN303L8A	809 940 68	Brazed	6.48	22.1	4.3	6.6	1.52	5.2	1.7	
	5	83.2	C-SBN373L8A	809 950 68	Brazed	7.85	26.8	5.8	8.5	1.37	4.7	1.7	
	6	96.2	C-SBN453L8A	809 960 68	Brazed	9.35	31.9	6.2	9.5	1.51	5.1	2.0	
		104.0	C-SCN453L8H	809 161 68	Flanged	9.75	33.3	6.9	11.3	1.42	4.8	2.5	
	7	120.0	C-SCN523L8H	809 171 68	Flanged	11.10	37.9	7.7	11.7	1.45	5.0	2.5	
	8	137.0	C-SCN603L8H	809 181 68	Flanged	12.40	42.3	8.9	13.5	1.40	4.8	2.5	
10	171.2	C-SCN753L8H	809 101 68	Flanged	15.70	53.6	10.7	16.4	1.47	5.0	2.5		

### ■ B3 (60Hz 200-220V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	5	89.2	C-SCN373L3H	809 151 63	Flanged	8.20	28.0	5.9	19.3	1.39	4.7	—	
	6	104.0	C-SCN453L3H	809 161 63	Flanged	9.55	32.6	6.8	21.9	1.40	4.8	—	
	7	120.0	C-SCN523L3H	809 171 63	Flanged	10.90	37.2	7.6	24.2	1.44	4.9	—	
	8	137.0	C-SCN603L3H	809 181 63	Flanged	12.40	42.3	8.9	28.3	1.40	4.8	—	
	10	171.2	C-SCN753L3H	809 101 63	Flanged	15.20	51.9	10.8	34.4	1.41	4.8	—	
			ACC171JA03	—	Flanged	15.20	51.9	10.8	34.4	1.41	4.8	—	
12.5	216.1	C-SCN903L3H	809 121 63	Flanged	19.60	66.9	13.5	42.6	1.45	5.0	—		
		ACC216JA03	—	Flanged	19.60	66.9	13.5	42.6	1.45	5.0	—		

### ■ B9 (60Hz 380V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	4	66.8	3CB067WA03	—	Brazed	6.40	21.8	4.5	7.7	1.44	4.9	1.7	
	5	83.2	3CB084WA03	—	Brazed	8.15	27.8	5.5	9.4	1.50	5.1	1.7	
	6	96.0	3CB096WA03	—	Brazed	9.25	31.6	6.2	10.9	1.50	5.1	1.7	
	6	104.0	C-SCN453L9H	809 161 69	Flanged	10.20	34.8	6.7	12.2	1.52	5.2	2.5	
			C-SCN523L9H	809 171 69	Flanged	11.60	39.6	7.6	13.5	1.54	5.2	2.5	
	7	120.0	3CC120WA03	—	Brazed	11.60	39.6	7.6	13.5	1.54	5.2	2.5	
			C-SCN603L9H	809 181 69	Flanged	13.10	44.7	8.8	15.4	1.49	5.1	2.5	
	8	137.0	3CC137WA03	—	Brazed	13.10	44.7	8.8	15.4	1.49	5.1	2.5	
			C-SCN753L9H	809 101 69	Flanged	16.50	56.3	10.6	18.5	1.56	5.3	2.5	
	10	171.2	3CC171WA03	—	Brazed	16.50	56.3	10.6	18.5	1.56	5.3	2.5	
			3CC216WA03	—	Brazed	19.80	67.6	13.0	22.5	1.52	5.2	2.5	

Rating Condition: Refrigerant: R404A, Condensing Temperature 50°C, Evaporating Temperature -15°C, Suction Gas Temperature 18.3°C, Sub Cooling 0K

## Scroll Compressor for Refrigeration [LT]

R22 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	4	66.8	C-SB303L8A	809 840 68	Brazed	5.22	17.8	3.3	6.0	1.56	5.3	1.7	T3
	5	83.2	C-SB373L8A	809 850 68	Brazed	6.70	22.9	4.2	7.5	1.60	5.4	1.7	
	6	96.2	C-SB453L8A	809 860 68	Brazed	7.70	26.3	4.7	8.7	1.64	5.6	2.0	
	8	137.0	C-SC603L8H	809 281 68	Flanged	10.50	35.8	6.7	12.4	1.58	5.4	2.5	
			2CC137RA03	—	Brazed	10.50	35.8	6.7	12.4	1.58	5.4	2.5	
	10	171.2	C-SC753L8H	809 201 68	Flanged	13.00	44.4	8.1	14.8	1.61	5.5	2.5	
2CC171RA03			—	Brazed	13.00	44.4	8.1	14.8	1.61	5.5	2.5		
12.5	216.1	2CC216SA03	—	Brazed	16.80	57.3	9.9	17.9	1.70	5.8	2.5		

### ■ B3 (50Hz 200V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	50Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	5	89.2	C-SC373L3G	809 250 63	Flanged	6.80	23.2	4.7	16.3	1.45	4.9	—	
	6	104.0	C-SC453L3G	809 260 63	Flanged	7.95	27.1	5.2	18.0	1.53	5.2	—	
	7	120.0	C-SC523L3G	809 270 63	Flanged	9.30	31.7	6.1	21.6	1.54	5.2	—	
	8	137.0	C-SC603L3G	809 280 63	Flanged	10.40	35.5	7.0	23.5	1.49	5.1	—	
	10	171.2	C-SC753L3G	809 200 63	Flanged	13.20	45.0	8.5	28.0	1.56	5.3	—	

## Scroll Compressor for Refrigeration [LT]

R22 60Hz

### ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	4	66.8	C-SB303L8A	809 840 68	Brazed	6.34	21.6	3.9	6.0	1.63	5.6	1.7	
	5	83.2	C-SB373L8A	809 850 68	Brazed	8.10	27.6	5.0	7.5	1.64	5.6	1.7	
	6	96.2	C-SB453L8A	809 860 68	Brazed	8.95	30.5	5.6	8.7	1.61	5.5	2.0	
	8	137.0	C-SC603L8H	809 281 68	Flanged	12.40	42.3	7.9	12.4	1.57	5.4	2.5	
			2CC137RA03	—	Brazed	12.40	42.3	7.9	12.4	1.57	5.4	2.5	
	10	171.2	C-SC753L8H	809 201 68	Flanged	15.50	52.9	9.6	14.8	1.61	5.5	2.5	
2CC171RA03			—	Brazed	15.50	52.9	9.6	14.8	1.61	5.5	2.5		

### ■ B3 (60Hz 200-220V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	5	89.2	C-SC373L3G	809 250 63	Flanged	8.05	27.5	5.5	17.5	1.46	5.0	—	
	6	104.0	C-SC453L3G	809 260 63	Flanged	9.35	31.9	6.1	19.3	1.53	5.2	—	
	7	120.0	C-SC523L3G	809 270 63	Flanged	10.95	37.4	7.0	22.2	1.56	5.3	—	
	8	137.0	C-SC603L3G	809 280 63	Flanged	12.30	42.0	8.3	26.0	1.49	5.1	—	
	10	171.2	C-SC753L3G	809 200 63	Flanged	15.60	53.2	10.0	31.0	1.56	5.3	—	

### ■ B9 (60Hz 380V)

Phase	Nominal Output	Displacement	Compressor Model	Compressor Code	Connection Type	60Hz						Oil Charge	Remarks
						Capacity		Power Input	Current	COP			
	HP	cm <sup>3</sup> /rev	kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter				
3Ph	6	104.0	C-SC453L9H	809 261 69	Flanged	9.45	32.2	6.0	11.3	1.58	5.4	2.5	
	7	120.0	C-SC523L9H	809 271 69	Flanged	11.00	37.5	6.8	12.3	1.63	5.6	2.5	
	8	137.0	C-SC603L9H	809 281 69	Flanged	12.00	40.9	7.8	13.7	1.54	5.2	2.5	
	10	171.2	C-SC753L9H	809 201 69	Flanged	15.90	54.3	9.5	16.7	1.67	5.7	2.5	

Rating Condition: Condensing Temperature 50°C, Evaporating Temperature -15°C, Suction Gas Temperature 18.3°C, Sub Cooling 0K

## Scroll Compressor for Refrigeration [LT]

R404A/R448A/R449A

### ■ AC Inverter (20-75Hz 400V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz(371V)				75Hz(375V)				Oil Charge Liter	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	8	144.1	C-SCVN603L0J	13.2	45.0	1.61	5.5	17.90	61.1	1.56	5.3	2.5	Flanged
			ACC144NA03	13.2	45.0	1.61	5.5	17.90	61.1	1.56	5.3	2.5	Brazed

### ■ AC Inverter (20-75Hz 200V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz(160V)				70Hz(192V)				Oil Charge Liter	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	8	144.1	C-SCVN603L0H	14.3	48.8	1.75	6.0	19.30	65.9	1.64	5.6	—	
			ACC144MA03	14.3	48.8	1.75	6.0	19.30	65.9	1.64	5.6	—	
	10	171.2	C-SCVN753L0H	16.8	57.3	1.77	6.0	21.80	74.4	1.60	5.5	—	
			ACC171MA03	16.8	57.3	1.77	6.0	21.80	74.4	1.60	5.5	—	

Rating Condition: Condensing Temperature50°C, Evaporating Temperature-10°C, Suction Gas Temperature18.3°C, Sub Cooling0K

## Scroll Compressor for Refrigeration [LT]

R410A 50Hz

### ■ B3 (50Hz 200V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	Compressor Code	Connection Type	50Hz				Oil Charge Liter	Remarks
						Capacity		COP			
						kW	kBTU/h	W/W	BTU/Wh		
3Ph	10	120.2	C-SCN753L3J	809 102 63	Flanged	13.10	44.7	1.42	4.8	—	
	14	171.2	C-SCN113L3A	809 140 63	Flanged	18.50	63.1	1.48	5.0	—	

## Scroll Compressor for Refrigeration [LT]

R410A 60Hz

### ■ B3 (60Hz 200-220V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	Compressor Code	Connection Type	60Hz				Oil Charge Liter	Remarks
						Capacity		COP			
						kW	kBTU/h	W/W	BTU/Wh		
3Ph	10	120.2	C-SCN753L3J	809 102 63	Flanged	15.60	53.2	1.47	5.0	—	
	14	171.2	C-SCN113L3A	809 140 63	Flanged	21.60	73.7	1.47	5.0	—	

Rating Condition: Condensing Temperature50°C, Evaporating Temperature-15°C, Suction Gas Temperature18.3°C, Sub Cooling0K

## Scroll Compressor for Refrigeration [LT]

R410A

### ■ AC Inverter (20-80Hz 200-240V)

Phase	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	50Hz(179V)				70Hz(200V)				Oil Charge Liter	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	10	120.2	C-SCVN753L0J	16.10	54.9	1.68	5.7	22.00	75.1	1.63	5.6	—	

Rating Condition: Condensing Temperature50°C, Evaporating Temperature-10°C, Suction Gas Temperature18.3°C, Sub Cooling0K



## Scroll Compressor for Refrigeration [MT]

R404A 50Hz

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz						Oil Charge	Remarks
				Capacity		Power Input	Current	COP			
				kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	4	66.8	3CB067SA0M	8.00	27.3	3.25	6.1	2.46	8.4	1.7	
	5	84.4	3CB084SA0M	10.00	34.1	4.00	7.2	2.50	8.5	1.7	
	6	100.0	3CB100SA0M	11.80	40.3	4.80	8.3	2.46	8.4	1.7	
	7	110.2	3CB110SA0M	13.00	44.4	5.25	9.4	2.48	8.4	1.7	
	8	137.0	3CC137LA0M	16.05	54.8	6.70	11.9	2.40	8.2	2.8	
	9	148.8	3CC149LA0M	17.40	59.4	7.20	12.6	2.42	8.2	2.8	
	10	171.2	3CC171LA0M	19.85	67.7	8.10	14.2	2.45	8.4	2.8	
	12	205.4	3CC205LA0M	23.00	78.5	9.70	16.6	2.37	8.1	2.8	

## Scroll Compressor for Refrigeration [MT]

R404A 60Hz

### ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	60Hz						Oil Charge	Remarks
				Capacity		Power Input	Current	COP			
				kW	kBTU/h	kW	A	W/W	BTU/Wh		
3Ph	8	137.0	3CC137LA0M	19.15	65.3	8.10	11.9	2.36	8.1	2.8	
	9	148.8	3CC149LA0M	20.70	70.6	8.75	12.6	2.37	8.1	2.8	
	10	171.2	3CC171LA0M	23.60	80.5	9.90	14.2	2.38	8.1	2.8	
	12	205.4	3CC205LA0M	27.40	93.5	11.70	16.6	2.34	8.0	2.8	

## Scroll Compressor for Refrigeration [MT]

R404A

### ■ AC Inverter (30-90Hz 400V)

Phase	Nominal Output	Displacement	Compressor Model	60Hz(277V)				90Hz(358V)				Oil Charge	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	5	55.7	C-SBS180H00B	8.58	29.3	2.20	7.5	12.67	43.2	2.16	7.4	2.0	

### ■ AC Inverter (25-80Hz 400V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz(335V)				80Hz(350V)				Oil Charge	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	6	85.5	C-SBVN373LOB	10.3	35.1	2.36	8.1	15.90	54.3	2.28	7.8	2.0	

### ■ AC Inverter (20-75Hz 400V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz(372V)				70Hz(375V)				Oil Charge	Remarks
				Capacity		COP		Capacity		COP			
				kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh		
3Ph	9	148.8	3CC149NA0M	17.45	59.5	2.36	8.0	23.20	79.2	2.19	7.5	2.5	

Rating Condition: Condensing Temperature 43.5°C, Evaporating Temperature -6.5°C, Suction Gas Temperature 18.5°C, Sub Cooling 0K

## Scroll Compressor for Refrigeration [MT]

R22 50Hz

### ■ B5 (50Hz 220-240V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz						Oil Charge	Remarks
	HP	cm <sup>3</sup> /rev		Capacity		Power Input	Current	COP			
				kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter	
1Ph	4	66.7	2CB067EA0M	7.36	25.1	2.95	14.3	2.49	8.5	1.7	

### ■ B8 (50Hz 380-415V)

Phase	Nominal Output	Displacement	Compressor Model	50Hz						Oil Charge	Remarks
	HP	cm <sup>3</sup> /rev		Capacity		Power Input	Current	COP			
				kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter	
3Ph	3.5	55.7	2CB056LA0M	6.39	21.8	2.43	4.7	2.63	9.0	1.7	
	4	66.7	2CB067LA0M	7.75	26.4	2.86	5.3	2.46	8.4	1.7	
	5	83.2	2CB083LA0M	9.45	32.2	3.53	6.4	2.68	9.1	1.7	
	6	100.0	2CB100LA0M	11.45	39.1	4.18	7.5	2.74	9.3	1.7	
	7	110.2	2CB110LA0M	12.67	43.2	4.50	8.5	2.82	9.6	1.7	
	8	137.0	2CC137LA0M	15.55	53.1	5.80	10.3	2.68	9.1	2.8	
	9	148.8	2CC149LA0M	17.10	58.3	6.30	11.1	2.71	9.3	2.8	
	10	171.2	2CC171LA0M	19.70	67.2	7.05	12.4	2.79	9.5	2.8	
	12	205.4	2CC205SA0M	23.35	79.7	8.50	14.5	2.75	9.4	2.8	

## Scroll Compressor for Refrigeration [MT]

R22 60Hz

### ■ B8 (60Hz 440-460V)

Phase	Nominal Output	Displacement	Compressor Model	60Hz						Oil Charge	Remarks
	HP	cm <sup>3</sup> /rev		Capacity		Power Input	Current	COP			
				kW	kBTU/h	kW	A	W/W	BTU/Wh	Liter	
3Ph	3.5	55.7	2CB056LA0M	7.65	26.1	2.90	4.8	2.64	9.0	1.7	
	4	66.7	2CB067LA0M	9.34	31.9	3.45	5.4	2.46	8.4	1.7	
	5	83.2	2CB083LA0M	11.64	39.7	4.32	6.6	2.69	9.2	1.7	
	6	100.0	2CB100LA0M	14.03	47.9	5.12	7.8	2.74	9.4	1.7	
	7	110.2	2CB110LA0M	15.43	52.6	5.50	8.7	2.81	9.6	1.7	
	8	137.0	2CC137LA0M	18.80	64.1	7.05	10.6	2.67	9.1	2.8	
	9	148.8	2CC149LA0M	20.30	69.3	7.70	11.5	2.64	9.0	2.8	
	10	171.2	2CC171LA0M	23.80	81.2	8.60	12.8	2.77	9.4	2.8	

Rating Condition: Condensing Temperature 43.5°C, Evaporating Temperature -6.5°C, Suction Gas Temperature 18.5°C, Sub Cooling 0K

# Scroll Compressor for Mobile Application

## AC Inverter

Horizontal

Refrigerant	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	Voltage V	60 rps				90 rps				IP Level	Oil Charge Liter	Remarks
					Capacity		COP		Capacity		COP				
					kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh			
R407C	5	55.7	C-SWS180H01C	200	12.9	44.0	3.19	10.9	18.0	61.4	2.88	9.8	IP67	1.6	
	5	55.7	4CW056MA01	200	12.9	44.0	3.19	10.9	18.0	61.4	2.88	9.8	IP67	1.6	
	7	74.4	C-SWS225H01C	200	16.5	56.3	3.17	10.8	24.5	83.6	2.90	9.9	IP67	1.6	
	7	74.4	4CW074MA01	200	16.5	56.3	3.17	10.8	24.5	83.6	2.90	9.9	IP67	1.6	
	7	74.4	C-SWS225H00C	400	16.5	56.3	3.17	10.8	24.5	83.6	2.92	10.0	IP67	1.6	
	7	74.4	4CW074NA01	400	16.5	56.3	3.17	10.8	24.5	83.6	2.92	10.0	IP67	1.6	
	10	110.0	T-SWS110H00A	400	24.2	82.6	3.14	10.7	33.5	114.4	2.96	10.1	IP67	1.6	

## DC Inverter

Horizontal

Refrigerant	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	Voltage V	60 rps				90 rps				IP Level	Oil Charge Liter	Remarks
					Capacity		COP		Capacity		COP				
					kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh			
R410A	9	60.0	5CW060ZA02	400	20.0	68.1	3.19	10.9	29.7	101.4	3.10	10.6	IP67		Sample
	10	66.8	5CW067ZA01	400	22.3	76.1	3.19	10.9	33.2	113.3	3.10	10.6	IP67	2.2	
	10	66.8	C-SWP330H02C	400	22.3	76.1	3.19	10.9	33.2	113.3	3.10	10.6	IP67	2.2	
	11	73.4	5CW073ZA02	400	24.8	84.6	3.16	10.8	34.4	117.4	3.05	10.4	IP67	1.6	
	12	80.5	5CW081ZA01	400	26.8	91.4	3.15	10.7	40.0	136.5	3.20	10.9	IP67	1.6	

## B8 (50Hz 380-415V)

Vertical

Refrigerant	Nominal Output HP	Displacement cm <sup>3</sup> /rev	Compressor Model	Phase	50Hz(R407C)				50Hz(R134a)				IP Level	Oil Charge Liter	Remarks
					Capacity		COP		Capacity		COP				
					kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh			
R407C/R134a	3.5	55.7	C-SBS120H38L	3Ph	9.6	32.8	3.13	10.7	—	—	—	—		1.7	
	3.5	55.7	4CB056SA0L		9.6	32.8	3.10	10.6	6.5	22.2	3.20	10.9	IP67	1.7	Sample
	4	66.8	4CB067SA0L		11.6	39.6	3.20	10.9	7.8	26.6	3.30	11.3	IP67	1.7	Sample
	4.4	73.2	4CB073SA0L		13.0	44.4	3.20	10.9	8.8	30.0	3.30	11.3	IP67	1.7	Sample
	5	83.2	C-SBS180H38L		14.5	49.5	2.93	10.0	—	—	—	—		1.7	
	5	83.2	4CB083SA0L		14.5	49.5	3.20	10.9	9.8	33.4	3.30	11.3	IP67	1.7	Sample
	6	100.0	C-SBS215H38L		17.6	60.1	3.03	10.3	—	—	—	—		1.9	
	6	100.0	4CB100SA0L		17.6	60.1	3.20	10.9	12.0	40.9	3.30	11.3	IP67	1.9	
	7	110.2	C-SBS235H38L		19.5	66.5	3.10	10.6	—	—	—	—		1.7	
	7	110.2	4CB110SA0L		19.5	66.5	3.10	10.6	13.1	44.7	3.20	10.9	IP67	1.7	Sample
	7.7	131.9	4CC132SA0L		23.6	80.5	3.20	10.9	16.0	54.6	3.30	11.3	IP67	2.8	Sample
	9	148.8	4CC149SA0L		26.5	90.4	3.20	10.9	18.0	61.4	3.30	11.3	IP67	2.8	Sample
	10	171.2	C-SCN753H8H		29.9	102.0	3.20	10.9	20.3	69.3	3.30	11.3		2.8	
	10	171.2	4CC171SA0L		29.9	102.0	3.20	10.9	20.3	69.3	3.30	11.3	IP67	2.8	Sample
	12	205.4	C-SCN903H8H		34.9	119.1	3.10	10.6	23.8	81.2	3.20	10.9		2.8	
12	205.4	4CC205SA0L	34.9	119.1	3.10	10.6	23.8	81.2	3.20	10.9	IP67	2.8	Sample		

Rating Condition: Condensing Temperature 54.4°C, Evaporating Temperature 7.2°C, Sub Cooling 8.3K, Superheat 11.1K

## ■ Model Nomenclatures

### ① C-SB, C-SBN, C-SC, C-SCV, C-SCN, C-SCVN

C-XXXX AA B C D E

Design Serial No.	A ~
	0: nverter, 200V±20% input to inverter 1: Inverter, 400V±20% input to inverter 3: 50Hz 200V / 60Hz 200, 220V 5: 50Hz 220, 230, 240V 6: 60Hz 208, 230V 8: 50Hz 380, 415V / 60Hz 440V 9: 60Hz 380V
Power Source	
Application	H: High Back Pressure L: Low Back Pressure
Phase	1: Single Phase 3: Three Phase
Nominal Capacity@60Hz	AA×100 W
Compressor Type	C-SB: B Series Scroll (HCFC 22)
	C-SBN: B Series Scroll (HFC)
	C-SC: C Series Scroll (HCFC 22)
	C-SCV: C Series Inverter Scroll (HCFC 22)
	C-SCN: C Series Scroll (HFC)
	C-SCVN: C Series Inverter Scroll (HFC)

### ② C-SBR, C-SBV, C-SBX, C-SBS, C-SBP, C-SCR, C-SCX, C-SCS, C-SCP, C-SDP

C-XXX AAA B CC D

Design Serial No.	A ~
	15: 1Ph 50Hz 200-240V 16: 1Ph 60Hz 208-230V 33: 3Ph 50Hz 200V/60Hz 200-220V 35: 3Ph 50Hz 200-240V 36: 3Ph 60Hz 208-230V 38: 3Ph 50Hz 380-415V/ 60Hz 440-460V 39: 3Ph 60Hz 380V 00: AC inverter, 400V±20% input to inverter 01: AC inverter, 200V±20% input to inverter 02: DC inverter, 400V±20% input to inverter 03: DC inverter, 200V±20% input to inverter
Power Source	
Application	H: High Back Pressure L: Low Back Pressure
Nominal Capacity	Fixed speed models: Capacity W@60Hz /100 Inverter models: Capacity W@90Hz(rps) /100
Compressor Type	C-SBR: B Series Scroll (HCFC 22)
	C-SBX: B Series Hi-COP Scroll (HCFC 22)
	C-SBS: B Series Hi-COP Scroll (HFC R407C/R134a)
	C-SBP: B Series Hi-COP Scroll (HFC R410A)
	C-SCR: C Series Scroll (HCFC 22)
	C-SCX: C Series Hi-COP Scroll (HCFC 22)
	C-SCS: C Series Hi-COP Scroll (HFC R407C/R134a)
	C-SCP: C Series Hi-COP Scroll (HFC R410A)
	C-SDP: D Series Hi-COP Scroll (HFC R410A)

## ■ Model Nomenclatures

③

5	CD	058	Z	A0	2	
						Application Type Code
						Design Code
						Power source
						Displacement(cm <sup>3</sup> /rev)
						Compressor Series
						Refrigerant
						1: Standard Compressor
						2: Vapor Injection Compressor
						3: Liquid Injection Compressor
						4: Tandem Type Compressor
						A0 ~ ZZ
						E: Single Phase 50Hz 220V-240V
						F: Single Phase 60Hz 208V-230V
						J: Three Phase 50Hz 200V/60Hz 200-220V
						K: Three Phase 50Hz 220V-240V
						L: Three Phase 50Hz 380V-415V/60Hz 440-460V
						P: Three Phase 50Hz 380V
						Q: Three Phase 60Hz 208V-230V
						R: Three Phase 50Hz 380V-415V/60Hz 440V
						S: Three Phase 50Hz 380V-415V
						V: Three Phase 60Hz 440V-460V
						W: Three Phase 60Hz 380V
						M: AC Inveter, Input Voltage 200V
						N: AC Inveter, Input Voltage 400V
						X: DC Inveter, Input Voltage 200V
						Z: DC Inveter, Input Voltage 400V
						eg. 058: 58cm <sup>3</sup> /rev
						CB: B Series Compressor
						CC: C Series Compressor
						CD: D Series Compressor
						CE: E Series Compressor
						CF: F Series Compressor
						CG: G Series Compressor
						2: R22
						3: R404A
						4: R407C
						5: R410A
						6: R134a
						9: R32
						A: R448A/R449A
						G: R454C/R455A



## Panasonic Appliances Compressor (Dalian) Co., Ltd.

Address: No.78 Donghai Road. Ganjingzi District, Dalian City, P.R. China

TEL : (86) 0411-62658179 P.C. : 116033

FAX: (86) 0411-86602966 Web: [papcdl.panasonic.cn](http://papcdl.panasonic.cn)

E-mail: [info@papcdl.panasonic.cn](mailto:info@papcdl.panasonic.cn)

