

COMPRESORES

*For Air Conditioning
For Refrigeration*



C-SB Series



C-SC Series



C-SD Series

R410A

R410A - B8 (50Hz 380-415V / 60Hz 440-460V)

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz				60Hz				Outline Graph Code
						Nominal Capacity		COP		Nominal Capacity		COP		
	HP	cm ³ /rev	kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh				
3	3	35.0	C-SBN233H8E	809 934 88	—	8.60	29.4	—	—	—	—	—	—	A
	3.5	37.5	C-SBN263H8D	809 933 88	—	8.85	30.2	2.49	8.5	11.6	39.6	2.76	9.4	A
	4	39.9	C-SBN303H8D	809 943 88	—	9.80	33.5	2.68	9.2	12.2	41.7	2.87	9.8	A
			C-SBN303H8F	809 945 88	—	9.80	33.5	2.68	9.2	12.2	41.7	2.87	9.8	Jt
			C-SBN303H8H	809 947 88	—	9.80	33.5	2.68	9.2	12.2	41.7	2.87	9.8	At
	4.5	51.8	C-SBN353H8D	809 948 88	—	13.0	44.4	2.80	9.6	16.2	55.3	2.97	10.1	A
			C-SBN353H8H	809 949 88	—	13.0	44.4	2.80	9.6	16.2	55.3	2.97	10.1	At
	5	55.7	C-SBN373H8D	809 953 88	—	14.1	48.1	2.97	10.1	17.1	58.4	3.05	10.4	A
			C-SBN373H8F	809 955 88	—	14.1	48.1	2.97	10.1	17.1	58.4	3.05	10.4	Jt
			C-SBN373H8H	809 957 88	—	14.1	48.1	2.97	10.1	17.1	58.4	3.05	10.4	At
	6	66.8	C-SBN453H8D	809 963 88	—	16.4	56.0	2.85	9.7	20.3	69.3	3.01	10.3	A
			C-SBN453H8F	809 965 88	—	16.4	56.0	2.85	9.7	20.3	69.3	3.01	10.3	Jt
			C-SBN453H8H	809 967 88	—	16.4	56.0	2.85	9.7	20.3	69.3	3.01	10.3	At
	7	77.4	C-SBN523H8D	809 973 88	—	19.2	65.6	2.84	9.7	—	—	—	—	A
			C-SBN523H8F	809 975 88	—	19.2	65.6	2.84	9.7	—	—	—	—	Jt
C-SBN523H8H			809 977 88	—	19.2	65.6	2.84	9.7	—	—	—	—	At	

R410A - B8 (50Hz 380-415V / 60Hz 440-460V)

Hi-COP Models

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz				60Hz				Outline Graph Code
						Nominal Capacity		COP		Nominal Capacity		COP		
	HP	cm ³ /rev	kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh				
3	3.5	39.6	C-SBP120H38A	—	—	10.0	34.1	2.86	9.8	12.2	41.7	2.94	10.0	A
			C-SBP120H38B	—	—	10.0	34.1	2.86	9.8	12.2	41.7	2.94	10.0	At
	3.7	42.4	C-SBP130H38A	—	—	10.9	37.2	2.91	9.9	13.3	45.4	3.02	10.3	A
			C-SBP130H38B	—	—	10.9	37.2	2.91	9.9	13.3	45.4	3.02	10.3	At
	4	46.4	C-SBP140H38A	—	—	11.7	39.9	2.93	10.0	14.3	48.8	3.01	10.3	A
			C-SBP140H38B	—	—	11.7	39.9	2.93	10.0	14.3	48.8	3.01	10.3	At
	4.6	51.8	C-SBP160H38A	—	—	13.2	45.1	2.87	9.8	16.2	55.3	2.98	10.2	A
			C-SBP160H38B	—	—	13.2	45.1	2.87	9.8	16.2	55.3	2.98	10.2	At
	5	55.7	C-SBP170H38A	—	—	14.2	48.5	2.99	10.2	17.3	59.1	3.04	10.4	A
			C-SBP170H38B	—	—	14.2	48.5	2.99	10.2	17.3	59.1	3.04	10.4	At
	6	66.8	C-SBP205H38A	—	—	16.8	57.4	3.00	10.2	20.6	70.3	3.10	10.6	A
			C-SBP205H38B	—	—	16.8	57.4	3.00	10.2	20.6	70.3	3.10	10.6	At
	8	89.2	C-SCP270H38A	—	—	22.4	76.5	3.03	10.3	27.2	92.9	3.1	10.4	D
			C-SCP270H38B	—	—	22.4	76.5	3.03	10.3	27.2	92.9	3.1	10.4	Dt
	10	104.1	C-SCP315H38A	—	—	26.0	88.8	3.02	10.3	31.4	107.2	3.0	10.3	E
			C-SCP315H38B	—	—	26.0	88.8	3.02	10.3	31.4	107.2	3.0	10.3	Et
	11	120.2	C-SCP360H38A	—	—	29.8	101.7	3.01	10.3	35.9	122.6	3.0	10.3	E
			C-SCP360H38B	—	—	29.8	101.7	3.01	10.3	35.9	122.6	3.0	10.3	Et
12	131.9	C-SCP360H38A	—	—	32.8	112.0	3.01	10.3	—	—	—	—	E	
		C-SCP360H38B	—	—	32.8	112.0	3.01	10.3	—	—	—	—	Et	
15	171.2	C-SCP510H38A	—	—	42.2	144.1	3.15	10.8	—	—	—	—	Developing	

R410A - B5 (50Hz 220-240V)

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz				Outline Graph Code
						Nominal Capacity		COP		
	HP	cm ³ /rev	kW	kBTU/h	W/W	BTU/Wh				
1	3	35.0	C-SBN231H5E	809 934 45	PSC	8.60	29.4	2.42	8.3	A
	3.5	37.5	C-SBN261H5D	809 933 45	PSC	9.35	31.9	2.46	8.4	A
	4	39.9	C-SBN301H5D	809 943 45	PSC	9.70	33.1	2.49	8.5	A

R410A - B5 (50Hz 220-240V)
Hi-COP Models

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	50Hz				Outline Graph Code
						Nominal Capacity		COP		
	HP	cm ³ /rev				kW	kBTU/h	W/W	BTU/Wh	
1	3.5	39.9	C-SBP120H15A	—	PSC	9.80	33.5	2.80	9.6	Developing
			C-SBP120H15B	—	PSC	9.80	33.5	2.80	9.6	Developing
	4	46.4	C-SBP140H15A	—	PSC	11.60	39.6	2.85	9.7	Developing
			C-SBP140H15B	—	PSC	11.60	39.6	2.85	9.7	Developing
	4.6	51.8	C-SBP160H15A	—	PSC	13.00	44.4	2.80	9.6	A
			C-SBP160H15B	—	PSC	13.00	44.4	2.80	9.6	At

R410A - B6 (60Hz 208-230V)
Hi-COP Models

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz				Outline Graph Code
						Nominal Capacity		COP		
	HP	cm ³ /rev				kW	kBTU/h	W/W	BTU/Wh	
1	3.5	39.9	C-SBP120H16A	—	PSC	12.0	41.0	2.85	9.7	Developing
	3.7	42.4	C-SBP130H16A	—	PSC	13.0	44.4	2.90	9.9	Developing
	4	46.4	C-SBP140H16A	—	PSC	14.2	48.5	2.90	9.9	Developing
	4.3	48.9	C-SBP150H16A	—	PSC	14.8	50.5	3.00	10.2	Developing
	4.6	51.8	C-SBP160H16A	—	PSC	15.8	53.9	3.00	10.2	Developing
3	3.5	39.9	C-SBP120H36A	—	—	12.2	41.7	2.80	9.6	A
			C-SBP120H36B	—	—	12.2	41.7	2.80	9.6	At
	4.6	51.8	C-SBP160H36A	—	—	16.1	55.0	2.93	10.0	A
			C-SBP160H36B	—	—	16.1	55.0	2.93	10.0	At
	5	55.7	C-SBP170H36A	—	—	17.4	59.4	3.05	10.4	A
			C-SBP170H36B	—	—	17.4	59.4	3.05	10.4	At

R410A - B6 (60Hz 208-230V)
SPA Models (condensing temp.max60°C)

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz				Outline Graph Code
						Nominal Capacity		COP		
	HP	cm ³ /rev				kW	kBTU/h	W/W	BTU/Wh	
1	5	55.7	C-SBP170H16Y	—	CSR	16.9	57.7	2.83	9.7	J
	6	66.8	C-SBP205H16Y	—	CSR	20.3	69.3	2.85	9.7	J
	7	77.4	C-SBP230H16Y	—	CSR	23.3	79.6	2.85	9.7	J

R410A - B9 (60Hz 380V)

Phase	Out Put	Displacement	Compressor Model	Compressor Code	Starting Method	60Hz				Outline Graph Code
						Nominal Capacity		COP		
	HP	cm ³ /rev				kW	kBTU/h	W/W	BTU/Wh	
3	3.5	39.9	C-SBP120H39B	—	—	11.8	40.3	2.80	9.6	Jt
	5	55.7	C-SBN373H9F	809 955 89	—	16.9	57.7	2.96	10.1	Jt
	6	66.8	C-SBP205H39B	—	—	19.9	67.9	3.00	10.2	Jt

R410A - D Series

R410A - B8 (50Hz 380-415V / 60Hz 440-460V)

Phase	Out Put HP	Displacement cm ³ /rev	Compressor Model	Compressor Code	Starting Method	50Hz				60Hz				Outline Graph Code
						Nominal Capacity		COP		Nominal Capacity		COP		
						kW	kBTU/h	W/W	BTU/Wh	kW	kBTU/h	W/W	BTU/Wh	
3	3.5	38.0	C-SDP120H38A	—	—	10.05	34.3	2.90	9.9	12.00	41.0	2.95	10.1	Developing
		38.0	C-SDP120H38B	—	—	10.05	34.3	2.90	9.9	12.00	41.0	2.95	10.1	Developing
	4	42.3	C-SDP135H38A	—	—	11.20	38.2	2.90	9.9	13.50	46.1	2.95	10.1	Developing
		42.3	C-SDP135H38B	—	—	11.20	38.2	2.90	9.9	13.50	46.1	2.95	10.1	Developing
	5	55.7	C-SDP170H38A	—	—	14.10	48.1	3.00	10.2	16.80	57.4	3.05	10.4	Developing
		55.7	C-SDP170H38B	—	—	14.10	48.1	3.00	10.2	16.80	57.4	3.05	10.4	Developing
	6	66.8	C-SDP205H38A	—	—	16.90	57.7	3.05	10.4	20.20	69.0	3.05	10.4	
		66.8	C-SDP205H38B	—	—	16.90	57.7	3.05	10.4	20.20	69.0	3.05	10.4	
	7	72.0	C-SDP225H38A	—	—	19.00	64.9	3.05	10.4	22.70	77.5	3.05	10.4	
		73.0	C-SDP225H38B	—	—	19.00	64.9	3.05	10.4	22.70	77.5	3.05	10.4	

R410A - B9(60Hz 380V)

Phase	Out Put HP	Displacement cm ³ /rev	Compressor Model	Compressor Code	Starting Method	60Hz				Outline Graph Code
						Nominal Capacity		COP		
						kW	kBTU/h	W/W	BTU/Wh	
3	6	66.8	C-SDP205H39A	—	—	20.20	69.0	3.05	10.4	Developing
			C-SDP205H39B	—	—	20.20	69.0	3.05	10.4	Developing

R410A - Inverter Drive Models (DC)

Phase	Out Put HP	Displacement cm ³ /rev	Compressor Model	Input Power Source	Starting Method	90Hz				Outline Graph Code
						Nominal Capacity		COP		
						kW	kBTU/h	W/W	BTU/Wh	
—	5.5	38.0	C-SDP190H03A	200-240V	DC Inv	18.60	63.5	3.20	10.9	Developing
	6	42.3	C-SDP205H03A			21.15	72.2	3.20	10.9	Developing
—	5.5	38.0	C-SDP190H02B	380-415V		18.60	63.5	3.20	10.9	Developing
	6	42.3	C-SDP205H02B			21.15	72.2	3.25	11.1	