

## 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	—	
			C-SCN753L3H	809 101 63	Flanged	15.20	51.9	10.8	34.4	1.41	4.8	—	
	10	171.2	ACC171JA03	—	Flanged	15.20	51.9	10.8	34.4	1.41	4.8	—	
C-SCN903L3H			809 121 63	Flanged	19.60	66.9	13.5	42.6	1.45	5.0	—		
12.5	216.1	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