



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return
- 0 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		12.55	16.90	21.70	27.00	32.90	39.40	46.50	54.20	62.40	71.20	74.90
32.0			15.30	19.85	24.90	30.40	36.40	42.90	50.00	57.60	65.70	69.10
38.0			13.35	17.60	22.20	27.20	32.60	38.50	44.90	51.80	59.10	62.10
43.0				15.65	19.90	24.50	29.50	34.80	40.60	46.80	53.40	
46.0				14.50	18.55	22.90	27.50	32.60	38.00	43.80		
49.0				13.30	17.15	21.20	25.60	30.30	35.40			

Ambient °C	Total Power Input, kW											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		9.72	11.20	12.70	14.15	15.65	17.10	18.55	20.10	21.60	23.10	23.80
32.0			11.35	13.00	14.60	16.25	17.90	19.50	21.20	22.80	24.50	25.20
38.0			11.35	13.20	15.05	16.90	18.75	20.60	22.40	24.30	26.20	26.90
43.0				13.30	15.35	17.40	19.40	21.40	23.50	25.50	27.50	
46.0				13.30	15.50	17.60	19.75	21.90	24.00	26.20		
49.0				13.30	15.55	17.85	20.10	22.40	24.60			

Ambient °C	Current at 400 V, A											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		19.97	21.53	23.23	25.05	26.96	28.93	30.96	33.02	35.10	37.20	38.04
32.0			21.66	23.56	25.59	27.73	29.94	32.22	34.53	36.87	39.23	40.17
38.0			21.66	23.81	26.11	28.53	31.04	33.62	36.25	38.91	41.58	42.65
43.0				23.88	26.41	29.08	31.84	34.69	37.59	40.52	43.46	
46.0				23.86	26.53	29.34	32.27	35.28	38.34	41.44		
49.0				23.78	26.59	29.56	32.65	35.82	39.05			

Ambient °C	Mass Flow, g/s											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		85.80	117.50	153.50	195.50	244.00	301.00	366.00	443.00	533.00	639.00	687.00
32.0			112.00	148.50	190.50	239.00	294.00	359.00	435.00	525.00	632.00	680.00
38.0			105.00	141.50	183.00	231.00	286.00	350.00	426.00	516.00	624.00	674.00
43.0				134.50	176.00	223.00	278.00	342.00	418.00	508.00	619.00	
46.0				130.50	171.50	219.00	273.00	337.00	413.00	505.00		
49.0				125.50	167.00	214.00	268.00	332.00	409.00			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	Z9/611
Number of Fans	4
Total Fan Power Input, W	1600
Depth/Width, mm	1107/1600
Height, mm	1263
Base mounting (hole dia), mm	1435 x 535 (18)
Gross Weight, kg	581
Net Weight, kg	416
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m ³ /s	5.41
High Side PS gauge, bar	31
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	2 1/8
Sound Pressure @ 10m, dBA	59

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Condenser Fan Current for 1 fan (single phase)	1.85 / 2.25
Compressor Maximum Operating Current, A	46.6
Compressor Locked Rotor Current, A	230

ACCESSORIES INCLUDED**ACCESSORIES OPTIONAL****MOTOR OPTIONS**

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
AWM	380-420 V / 3~ / 50 Hz	400	YY/Y	Y	1.00