



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		14.05	18.60	23.70	29.50	36.00	43.00	50.80	59.10	68.00	77.50	81.40
32.0			16.90	21.70	27.10	33.00	39.50	46.60	54.30	62.50	71.20	74.80
38.0			14.85	19.25	24.10	29.40	35.30	41.70	48.50	55.90	63.70	66.90
43.0				17.20	21.60	26.50	31.80	37.50	43.70	50.30		
46.0				16.00	20.10	24.70	29.60	35.00	40.80	47.00		
49.0				14.75	18.65	22.90	27.50	32.50	37.90			

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		10.65	12.25	13.90	15.60	17.35	19.10	20.90	22.70	24.60	26.40	27.20
32.0			12.40	14.15	16.00	17.90	19.80	21.80	23.80	25.80	27.80	28.60
38.0			12.50	14.40	16.40	18.45	20.60	22.70	24.90	27.10	29.40	30.30
43.0				14.55	16.65	18.85	21.10	23.40	25.80	28.20		
46.0				14.60	16.75	19.05	21.40	23.80	26.30	28.80		
49.0				14.60	16.85	19.25	21.70	24.20	26.70			

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		21.21	23.00	24.99	27.15	29.46	31.90	34.46	37.12	39.88	42.74	43.91
32.0			23.14	25.32	27.70	30.26	32.97	35.81	38.78	41.85	45.02	46.32
38.0			23.18	25.61	28.27	31.13	34.16	37.35	40.68	44.13	47.69	49.14
43.0				25.75	28.64	31.76	35.08	38.56	42.20	45.97		
46.0				25.79	28.82	32.10	35.58	39.25	43.08	47.04		
49.0				25.79	28.97	32.41	36.07	39.91	43.93			

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		96.60	130.00	169.50	216.00	270.00	333.00	407.00	494.00	596.00	717.00	772.00
32.0			124.50	163.50	209.00	262.00	325.00	398.00	483.00	585.00	707.00	763.00
38.0			118.00	156.00	201.00	253.00	314.00	386.00	471.00	572.00	696.00	753.00
43.0				149.50	193.00	244.00	304.00	375.00	460.00	563.00		
46.0				145.00	188.50	239.00	298.00	369.00	454.00	558.00		
49.0				141.00	183.50	234.00	293.00	363.00	449.00			

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	52.9
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