



Minimum Evaporating Temp. With:

— 20 °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										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	21.40	27.00	33.40	40.70	48.90	58.00	68.10	72.30	78.90	84.70	
32.0	19.90	25.20	31.30	38.20	45.90	54.50	63.90	67.80	74.00	79.40	
38.0	18.10	23.10	28.80	35.10	42.20	50.10	58.70	62.30	68.10	73.00	
43.0		21.30	26.60	32.50	39.10	46.30	54.30	57.70			
46.0		20.20	25.30	30.90	37.10	44.10					
49.0			23.90	29.30							

50 Hz

Z9-4MI-30

R407C Dew Point

Ambient °C	Total Power Input, kW										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	11.50	12.85	14.20	15.55	16.95	18.35	19.80	20.40	21.30	22.00	
32.0	11.90	13.35	14.85	16.40	17.95	19.55	21.10	21.80	22.80	23.60	
38.0	12.25	13.90	15.60	17.35	19.10	20.80	22.60	23.40	24.40	25.40	
43.0		14.25	16.10	18.00	19.90	21.80	23.80	24.60			
46.0		14.40	16.35	18.35	20.40	22.40					
49.0			16.55	18.65							

Ambient °C	Current at 400 V, A										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	21.80	23.24	24.82	26.52	28.33	30.25	32.25	33.08	34.35	35.44	
32.0	22.22	23.87	25.68	27.63	29.69	31.86	34.13	35.06	36.49	37.70	
38.0	22.58	24.51	26.61	28.86	31.24	33.72	36.31	37.37	38.99	40.36	
43.0		24.90	27.27	29.78	32.43	35.19	38.05	39.22			
46.0		25.07	27.59	30.27	33.08	36.01					
49.0			27.86	30.71							

Ambient °C	Mass Flow, g/s										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	112.50	144.00	182.00	227.00	280.00	342.00	416.00	448.00	502.00	551.00	
32.0	109.00	140.50	178.00	222.00	274.00	336.00	409.00	441.00	494.00	543.00	
38.0	104.50	136.00	173.00	216.00	267.00	328.00	399.00	431.00	484.00	533.00	
43.0		131.50	168.00	211.00	261.00	320.00	391.00	423.00			
46.0		129.00	165.00	207.00	256.00	315.00					
49.0			161.50	203.00							

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