



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	23.50	29.70	36.80	44.70	53.70	63.50	74.20	78.70	85.70	91.70	
32.0	21.80	27.70	34.40	41.90	50.30	59.40	69.40	73.60	80.20	85.80	
38.0	19.80	25.30	31.50	38.40	46.10	54.50	63.60	67.50	73.50	78.60	
43.0		23.30	29.10	35.50	42.50	50.30					
46.0		22.10	27.60	33.70	40.40						
49.0			26.10	31.90							

50 Hz

Z9-4MJ-33

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	12.75	14.20	15.75	17.40	19.10	20.90	22.80	23.60	24.80	25.90	
32.0	13.15	14.80	16.55	18.35	20.20	22.20	24.30	25.10	26.50	27.60	
38.0	13.50	15.40	17.35	19.40	21.50	23.70	26.00	27.00	28.40	29.60	
43.0		15.75	17.95	20.20	22.50	24.90					
46.0		15.90	18.25	20.60	23.10						
49.0			18.45	21.00							

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	23.30	25.02	26.94	29.05	31.35	33.86	36.57	37.72	39.52	41.08	
32.0	23.76	25.76	27.96	30.35	32.93	35.72	38.73	39.99	41.95	43.65	
38.0	24.14	26.49	29.05	31.80	34.75	37.91	41.27	42.67	44.84	46.71	
43.0		26.93	29.81	32.89	36.17	39.64					
46.0		27.11	30.20	33.48	36.96						
49.0			30.52	34.02							

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	124.00	159.50	202.00	252.00	311.00	380.00	462.00	498.00	558.00	612.00	
32.0	120.00	155.50	197.50	247.00	305.00	373.00	453.00	489.00	548.00	603.00	
38.0	115.00	150.00	191.00	239.00	296.00	363.00	442.00	478.00	536.00	590.00	
43.0		145.00	185.50	233.00	288.00	354.00					
46.0		142.00	182.00	228.00	283.00						
49.0			178.00	224.00							

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