



Minimum Evaporating Temp. With:

— 20 °C Suction Gas Return

— Maximum Evaporating Temperature

— Maximum Pressure Limit

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	22.30	28.30	35.20	43.10	51.80	61.40	65.50	71.80
32.0	20.90	26.60	33.10	40.60	48.80	57.80	61.60	67.50
38.0	19.30	24.60	30.70	37.50	45.10	53.40	56.90	62.30
43.0	17.95	22.90	28.60	35.00	42.00	49.70	52.90	57.90
46.0	17.15	21.90	27.30	33.40	40.10	47.40	50.50	55.30
49.0	16.35	20.90	26.10	31.90	38.20	45.20	48.10	52.60

50 Hz

Z9-4MU-25

R134a

Ambient °C	Total Power Input, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	10.85	12.15	13.35	14.60	15.90	17.30	17.90	18.85
32.0	11.25	12.60	13.95	15.30	16.75	18.25	18.90	19.90
38.0	11.65	13.15	14.60	16.10	17.70	19.35	20.10	21.20
43.0	11.95	13.55	15.15	16.75	18.45	20.20	21.00	22.20
46.0	12.05	13.75	15.40	17.10	18.90	20.80	21.50	22.80
49.0	12.20	13.95	15.65	17.45	19.30	21.20	22.10	23.30

Ambient °C	Current at 400 V, A							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	20.85	22.21	23.66	25.23	26.94	28.83	29.65	30.94
32.0	21.25	22.77	24.40	26.15	28.05	30.15	31.05	32.46
38.0	21.69	23.41	25.24	27.22	29.36	31.69	32.69	34.26
43.0	22.01	23.89	25.90	28.06	30.40	32.94	34.02	35.71
46.0	22.17	24.15	26.27	28.55	31.00	33.66	34.79	36.55
49.0	22.31	24.39	26.62	29.01	31.58	34.37	35.54	37.38

Ambient °C	Mass Flow, g/s							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	130.50	168.00	213.00	267.00	330.00	403.00	436.00	488.00
32.0	128.00	165.00	210.00	263.00	325.00	397.00	429.00	481.00
38.0	124.50	161.50	206.00	258.00	318.00	389.00	421.00	471.00
43.0	121.50	158.00	201.00	253.00	312.00	382.00	412.00	462.00
46.0	119.50	156.00	198.50	249.00	308.00	377.00	407.00	456.00
49.0	117.50	153.50	196.00	246.00	304.00	371.00	402.00	450.00

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	557
Net Weight, kg	392
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	51.9
Compressor Locked Rotor Current, A	199

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
EWK	220-240 V / 3~ / 60 Hz	230	Y/DELTA	DELTA	2.10
EWK	380-420 V / 3~ / 60 Hz	380		Y	1.20
AWD	440-480 V / 3~ / 60 Hz	460	YY/Y	Y	1.00