



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		9.51	12.95	16.80	21.20	26.00	31.50	37.50	44.20	51.40	59.20	62.50
32.0			11.55	15.25	19.30	23.90	29.00	34.60	40.70	47.50	54.70	57.80
38.0			9.95	13.35	17.15	21.30	26.00	31.10	36.70	42.80	49.40	52.20
43.0				11.80	15.35	19.20	23.50	28.20	33.30	38.90	45.00	47.60
46.0				10.90	14.25	17.95	22.00	26.40	31.30	36.60	42.40	
49.0				9.97	13.15	16.70	20.50	24.70	29.30	34.30		

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		7.66	8.80	9.91	11.00	12.05	13.10	14.10	15.05	16.05	17.00	17.35
32.0			8.86	10.10	11.30	12.50	13.70	14.85	15.95	17.05	18.15	18.60
38.0			8.85	10.25	11.60	13.00	14.35	15.65	16.95	18.25	19.55	20.00
43.0				10.30	11.80	13.30	14.80	16.30	17.75	19.20	20.60	21.20
46.0				10.30	11.90	13.50	15.10	16.65	18.20	19.75	21.30	
49.0				10.25	11.95	13.65	15.35	17.00	18.65	20.30		

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		16.08	17.20	18.40	19.66	20.96	22.28	23.61	24.94	26.27	27.60	28.12
32.0			17.28	18.64	20.08	21.56	23.08	24.62	26.18	27.74	29.30	29.92
38.0			17.27	18.84	20.49	22.22	23.99	25.80	27.63	29.48	31.33	32.07
43.0				18.91	20.76	22.69	24.69	26.73	28.80	30.89	33.00	33.85
46.0				18.90	20.88	22.94	25.07	27.26	29.48	31.73	33.99	
49.0				18.86	20.96	23.16	25.44	27.77	30.14	32.55		

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		64.30	88.60	117.00	150.00	188.00	233.00	285.00	346.00	418.00	502.00	540.00
32.0			83.60	112.00	144.50	182.50	227.00	279.00	340.00	411.00	496.00	534.00
38.0			77.10	105.50	138.00	175.50	220.00	271.00	332.00	403.00	489.00	528.00
43.0				99.50	132.00	169.50	213.00	265.00	325.00	398.00	485.00	526.00
46.0				95.80	128.50	166.00	210.00	261.00	322.00	396.00	485.00	
49.0				92.00	124.50	162.50	206.00	258.00	320.00	394.00		

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	548
Net Weight, kg	383
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	1 5/8
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	36.3
Compressor Locked Rotor Current, A	175

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
EWL	220-240 V / 3~ / 50 Hz	230	Y/DELTA	DELTA	1.73
EWL	380-420 V / 3~ / 50 Hz	400		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