



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	16.85	21.30	26.50	32.40	39.00	46.50	54.70	58.20	63.80	68.60	
32.0	15.55	19.90	24.80	30.40	36.60	43.60	51.40	54.70	59.90	64.50	
38.0	14.00	18.10	22.70	27.90	33.70	40.20	47.40	50.40	55.20	59.40	
43.0	12.70	16.60	20.90	25.80	31.20	37.20	43.90	46.80	51.30	55.20	
46.0		15.65	19.85	24.50	29.70	35.50	41.80	44.60	48.90		
49.0		14.75	18.75	23.20	28.20	33.70					

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	9.27	10.25	11.20	12.15	13.05	13.95	14.80	15.10	15.60	16.00	
32.0	9.54	10.65	11.75	12.85	13.90	14.95	15.95	16.30	16.90	17.35	
38.0	9.75	11.05	12.35	13.60	14.85	16.05	17.25	17.70	18.35	18.95	
43.0	9.81	11.25	12.70	14.15	15.55	16.90	18.25	18.75	19.55	20.20	
46.0		11.35	12.90	14.45	15.90	17.40	18.80	19.35	20.20		
49.0		11.40	13.05	14.65	16.25	17.80					

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	17.45	18.48	19.57	20.69	21.82	22.96	24.09	24.54	25.21	25.76	
32.0	17.73	18.96	20.25	21.58	22.93	24.28	25.63	26.16	26.96	27.63	
38.0	17.93	19.42	20.97	22.56	24.18	25.81	27.43	28.08	29.04	29.84	
43.0	17.95	19.66	21.44	23.27	25.13	27.00	28.87	29.61	30.72	31.64	
46.0		19.73	21.66	23.64	25.65	27.67	29.69	30.50	31.70		
49.0		19.75	21.83	23.96	26.13	28.31					

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	87.50	112.50	142.00	176.50	217.00	265.00	322.00	347.00	388.00	425.00	
32.0	84.30	109.00	138.50	173.00	213.00	261.00	316.00	341.00	382.00	419.00	
38.0	79.90	105.00	134.00	168.00	208.00	254.00	309.00	334.00	374.00	411.00	
43.0	75.90	101.00	129.50	163.00	202.00	248.00	303.00	327.00	367.00	404.00	
46.0		98.20	127.00	160.00	199.00	245.00	299.00	323.00	363.00		
49.0		95.30	124.00	157.00	195.50	241.00					

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