



Minimum Evaporating Temp. With:

- 10 K Suction Superheat — 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
27.0			20.90	25.60	30.80	36.20	42.10	44.50
32.0				23.60	28.50	33.70	39.20	41.50
38.0					25.50	30.40	35.60	
43.0								
46.0								
49.0								

50 Hz

MC-W9-ZB114KE-TFD

R449A Dew Point

Ambient °C	Total Power Input, kW							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0			11.15	11.75	12.45	13.25	14.25	14.70
32.0				13.05	13.75	14.55	15.55	16.00
38.0					15.45	16.30	17.30	
43.0								
46.0								
49.0								

Ambient °C	Current at 400 V, A							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0			22.72	23.29	24.00	24.88	25.95	26.45
32.0				24.64	25.39	26.32	27.46	27.99
38.0					27.31	28.32	29.57	
43.0								
46.0								
49.0								

Ambient °C	Mass Flow, g/s							
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0			125.00	158.00	196.50	241.00	294.00	317.00
32.0				153.00	191.50	237.00	290.00	314.00
38.0					184.00	230.00	284.00	
43.0								
46.0								
49.0								

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	820/1640
Height, mm	864
Base mounting (hole dia), mm	1605 x 475 (14)
Gross Weight, kg	196
Net Weight, kg	174
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m ³ /s	3.33
Suction Type	Rotalock Valve
Suction Diameter, inch	1 3/8
Sound Pressure @ 10m, dBA	55

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	33.3
Compressor Locked Rotor Current, A	174

ACCESSORIES INCLUDED

Crankcase Heater	70 W External
Electric box (W x H x D), mm	140 x 205 x 60
HP/LP Switch	ALCO PS2-W7A

ACCESSORIES OPTIONAL

Housing	W
Fan speed control	ALCO FSP150

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00