



Minimum Evaporating Temp. With:

- 20 K Suction Superheat
- 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									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			12.30	15.80	19.65	23.80	28.20	32.90	37.70	42.70
32.0				14.40	17.95	21.70	25.80	30.00	34.40	38.90
38.0					15.90	19.30	22.90	26.60	30.50	
43.0					14.20	17.25	20.40	23.70		
46.0						16.00	18.95			
49.0							14.75			

50 Hz

W9-4MM-20

R404A Dew Point

Ambient °C	Total Power Input, kW									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			9.28	10.80	12.40	14.10	15.90	17.85	19.90	22.10
32.0				10.95	12.70	14.50	16.45	18.50	20.70	23.00
38.0					12.95	14.90	16.95	19.15	21.50	
43.0					13.10	15.15	17.35	19.65		
46.0						15.30	17.55			
49.0							15.40			

Ambient °C	Current at 400 V, A									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			18.17	19.98	22.03	24.34	26.91	29.75	32.86	36.25
32.0				20.21	22.42	24.90	27.65	30.68	33.99	37.59
38.0					22.79	25.48	28.45	31.71	35.27	
43.0					23.01	25.87	29.03	32.50		
46.0						26.07	29.34			
49.0							26.23			

Ambient °C	Mass Flow, g/s									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			88.10	116.00	149.00	187.00	231.00	283.00	343.00	414.00
32.0				112.00	144.50	181.50	225.00	276.00	335.00	406.00
38.0					138.00	174.50	217.00	267.00	327.00	
43.0					133.00	168.50	211.00	260.00		
46.0						165.00	207.00			
49.0							161.00			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	1107/1600
Height, mm	875
Base mounting (hole dia), mm	1435 x 535 (18)
Gross Weight, kg	472
Net Weight, kg	358
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m ³ /s	3.33
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	57

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	39
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