



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			9.02	11.80	14.90	18.40	22.30	26.40	30.90	35.60
32.0				10.70	13.55	16.75	20.30	24.10	28.20	32.50
38.0				9.38	11.95	14.80	17.95	21.40	25.00	
43.0					10.65	13.20	16.05	19.10	22.40	
46.0					9.86	12.25	14.90	17.75	20.80	
49.0						11.30	13.75	16.40		

50 Hz

V6-4MF-13

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			6.96	8.11	9.31	10.55	11.90	13.25	14.70	16.20
32.0				8.22	9.50	10.85	12.25	13.70	15.25	16.90
38.0				8.30	9.68	11.15	12.65	14.25	15.90	
43.0					9.79	11.35	12.95	14.60	16.40	
46.0					9.84	11.45	13.10	14.85	16.65	
49.0						11.50	13.25	15.05		

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			11.85	13.39	15.09	16.97	19.03	21.26	23.68	26.32
32.0				13.51	15.36	17.40	19.63	22.06	24.69	27.54
38.0				13.61	15.63	17.87	20.31	22.98	25.86	
43.0					15.82	18.23	20.86	23.72	26.82	
46.0					15.93	18.43	21.17	24.16	27.39	
49.0						18.62	21.48	24.59		

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			63.10	84.20	109.50	139.00	174.00	215.00	263.00	320.00
32.0				80.70	105.00	134.50	168.50	209.00	257.00	313.00
38.0				76.20	100.00	128.00	161.50	201.00	249.00	
43.0					95.50	123.00	155.50	195.00	242.00	
46.0					92.70	120.00	152.00	191.00	239.00	
49.0						116.50	148.50	188.00		

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	V6/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	955/1289
Height, mm	835
Base mounting (hole dia), mm	1146 x 520 (14)
Gross Weight, kg	375
Net Weight, kg	295
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m ³ /s	2.97
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	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	30.8
Compressor Locked Rotor Current, A	105

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