



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	13.30	16.75	20.80	25.40	30.50	36.00	38.30	41.90
32.0	12.35	15.65	19.45	23.80	28.50	33.70	35.80	39.20
38.0	11.25	14.30	17.85	21.80	26.20	30.90	32.90	35.90
43.0	10.35	13.25	16.50	20.20	24.20	28.60	30.40	33.20
46.0	9.83	12.60	15.70	19.20	23.10	27.20	28.90	31.60
49.0		11.95	14.95	18.25	21.90	25.80	27.50	30.00

50 Hz

V6-4MF-13

R134a

Ambient °C	Total Power Input, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	6.36	7.13	7.88	8.64	9.43	10.25	10.60	11.15
32.0	6.57	7.40	8.24	9.08	9.96	10.90	11.25	11.90
38.0	6.78	7.70	8.63	9.58	10.55	11.60	12.05	12.75
43.0	6.94	7.93	8.93	9.97	11.05	12.20	12.65	13.40
46.0	7.02	8.05	9.10	10.20	11.30	12.50	13.00	13.80
49.0		8.17	9.26	10.40	11.60	12.85	13.35	14.20

Ambient °C	Current at 400 V, A							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	11.06	12.02	13.01	14.06	15.17	16.37	16.88	17.68
32.0	11.32	12.38	13.49	14.67	15.93	17.28	17.86	18.75
38.0	11.59	12.78	14.04	15.38	16.81	18.35	18.99	20.01
43.0	11.80	13.09	14.47	15.94	17.51	19.20	19.91	21.02
46.0	11.90	13.26	14.71	16.26	17.92	19.70	20.45	21.62
49.0		13.42	14.94	16.57	18.32	20.19	20.98	22.20

Ambient °C	Mass Flow, g/s							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	78.40	101.00	128.00	160.00	198.00	242.00	261.00	293.00
32.0	76.10	98.20	125.00	156.50	194.00	237.00	256.00	287.00
38.0	73.10	94.90	121.00	152.00	188.50	231.00	249.00	280.00
43.0	70.60	92.10	118.00	148.00	183.50	225.00	243.00	273.00
46.0	69.10	90.40	115.50	145.50	180.50	221.00	240.00	269.00
49.0		88.70	113.50	143.00	177.50	218.00	236.00	265.00

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