



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return ASERCOM certified
- 10 K Suction Superheat
- 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
27.0	11.35	13.90	16.70	19.80	23.20	26.90	30.90	32.50	35.10
32.0	10.50	12.85	15.50	18.40	21.50	24.90	28.60	30.10	32.50
38.0		11.50	13.95	16.55	19.40	22.50	25.80	27.10	29.20
43.0			12.55	14.95	17.55	20.30	23.30	24.60	26.50
46.0			11.65	13.95	16.40	19.00	21.80		
49.0				12.90	15.20				

50 Hz

MC-V6-ZB76KE-TFD

R404A Dew Point

Ambient °C	Total Power Input, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	7.06	7.32	7.59	7.87	8.17	8.49	8.84	8.98	9.21
32.0	7.77	8.04	8.32	8.60	8.91	9.23	9.57	9.71	9.94
38.0		9.04	9.32	9.61	9.91	10.25	10.55	10.70	10.90
43.0			10.30	10.55	10.85	11.15	11.50	11.65	11.85
46.0			10.90	11.20	11.50	11.80	12.10		
49.0				11.85	12.15				

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
27.0	12.83	13.12	13.44	13.77	14.13	14.52	14.95	15.14	15.42
32.0	13.66	13.97	14.31	14.66	15.04	15.45	15.89	16.08	16.37
38.0		15.21	15.57	15.94	16.34	16.76	17.21	17.40	17.70
43.0			16.83	17.21	17.62	18.04	18.49	18.68	18.98
46.0			17.68	18.07	18.48	18.90	19.35		
49.0				19.01	19.41				

Ambient °C	Mass Flow, g/s								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	81.50	101.50	125.00	152.50	184.50	222.00	266.00	286.00	318.00
32.0	79.80	100.00	123.50	150.50	182.50	220.00	263.00	283.00	315.00
38.0		97.00	120.50	147.50	179.50	216.00	260.00	280.00	313.00
43.0			117.00	144.50	176.00	213.00	258.00	278.00	311.00
46.0			115.00	142.50	174.00	212.00	256.00		
49.0				139.50	172.00				

**CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	V6/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	820/1330
Height, mm	835
Base mounting (hole dia), mm	1295 x 475 (14)
Gross Weight, kg	184
Net Weight, kg	168
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m <sup>3</sup> /s	2.97
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	20.4
Compressor Locked Rotor Current, A	118

**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	V
Fan speed control	ALCO FSP150

**MOTOR OPTIONS**

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