



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			18.10	22.00	26.30	30.80	35.60	37.70
32.0			16.55	20.40	24.50	28.80	33.40	35.30
38.0					22.00	26.10	30.40	32.20
43.0						23.60		
46.0								
49.0								

50 Hz

MC-V6-ZB95KE-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			9.25	9.70	10.25	10.90	11.65	12.00
32.0			10.30	10.80	11.35	12.05	12.80	13.15
38.0					12.80	13.50	14.30	14.65
43.0						14.75		
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			16.87	17.44	18.14	18.98	19.99	20.44
32.0			18.23	18.85	19.61	20.52	21.59	22.07
38.0					21.57	22.58	23.77	24.29
43.0						24.49		
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			107.00	134.00	165.00	200.00	242.00	261.00
32.0			103.00	130.50	162.00	197.50	240.00	258.00
38.0					156.00	192.50	235.00	254.00
43.0						186.00		
46.0								
49.0								

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	192
Net Weight, kg	172
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m ³ /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	28.2
Compressor Locked Rotor Current, A	140

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

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