



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	9.42	11.45	13.70	16.20	18.90	21.80	24.90	26.10	28.00
32.0	8.70	10.60	12.70	15.00	17.45	20.10	22.90	24.00	25.80
38.0		9.49	11.35	13.40	15.60	17.95	20.40	21.50	23.00
43.0			10.20	12.05	14.00	16.10	18.30		
46.0				11.15	13.00				
49.0									

50 Hz

MC-V9-ZB66KE-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	6.16	6.41	6.64	6.89	7.16	7.46	7.81	7.96	8.21
32.0	6.81	7.07	7.31	7.56	7.82	8.11	8.44	8.59	8.83
38.0		7.99	8.24	8.49	8.74	9.01	9.32	9.45	9.67
43.0			9.14	9.38	9.62	9.87	10.15		
46.0				9.97	10.20				
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	10.0
27.0	11.80	12.07	12.34	12.62	12.94	13.30	13.72	13.90	14.20
32.0	12.55	12.85	13.13	13.43	13.75	14.11	14.52	14.71	15.00
38.0		13.99	14.30	14.61	14.93	15.28	15.67	15.85	16.13
43.0			15.47	15.78	16.09	16.43	16.80		
46.0				16.58	16.88				
49.0									

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	68.80	85.60	105.50	128.50	155.50	186.50	223.00	240.00	267.00
32.0	67.60	84.30	104.00	126.50	153.00	184.00	221.00	237.00	264.00
38.0		82.20	101.50	123.50	150.00	180.50	217.00	233.00	261.00
43.0			98.80	121.00	146.50	177.00	214.00		
46.0				119.00	144.50				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	V9/271
Number of Fans	2
Total Fan Power Input, W	470
Depth/Width, mm	820/1330
Height, mm	821
Base mounting (hole dia), mm	1295 x 475 (14)
Gross Weight, kg	176
Net Weight, kg	150
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m ³ /s	2.18
Suction Type	Rotalock Valve
Suction Diameter, inch	1 3/8
Sound Pressure @ 10m, dBA	50

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Condenser Fan Current for 1 fan (single phase)	1.15 / 1.4
Compressor Maximum Operating Current, A	17.5
Compressor Locked Rotor Current, A	111

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 FSX41S for R134a
Fan speed control	ALCO FSX42S

MOTOR OPTIONS

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