



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return ASERCOM certified
- 25 °C Suction Gas Return
- 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	3.65	4.39	5.22	6.14	7.14	8.23	9.39	9.88	10.65
32.0	3.35	4.04	4.80	5.65	6.57	7.57	8.64	9.09	9.79
38.0		3.59	4.28	5.03	5.85	6.75	7.72	8.12	8.75
43.0			3.81	4.49	5.24	6.05			
46.0				4.16					
49.0									

50 Hz

MC-K9-ZB26KE-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	2.69	2.77	2.85	2.95	3.06	3.18	3.31	3.37	3.46
32.0	2.99	3.08	3.16	3.26	3.37	3.49	3.62	3.68	3.77
38.0		3.49	3.58	3.68	3.79	3.91	4.04	4.09	4.18
43.0			3.98	4.07	4.18	4.29			
46.0				4.33					
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	5.20	5.32	5.44	5.58	5.72	5.89	6.06	6.14	6.25
32.0	5.59	5.71	5.85	5.99	6.15	6.32	6.50	6.58	6.70
38.0		6.29	6.43	6.59	6.75	6.93	7.12	7.20	7.32
43.0			7.01	7.17	7.34	7.51			
46.0				7.56					
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	27.00	33.40	40.80	49.50	59.80	72.10	86.80	93.50	104.50
32.0	26.50	32.70	40.00	48.70	58.90	71.20	86.00	92.80	104.00
38.0		31.80	39.00	47.60	57.80	70.10	85.20	92.30	104.00
43.0			38.00	46.50	56.80	69.40			
46.0				45.90					
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	K9/121
Number of Fans	2
Total Fan Power Input, W	220
Depth/Width, mm	640/950
Height, mm	454
Base mounting (hole dia), mm	915 x 380 (14)
Gross Weight, kg	88
Net Weight, kg	68
Receiver Capacity, l	7.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	0.89
Suction Type	Rotalock Valve
Suction Diameter, inch	7/8
Sound Pressure @ 10m, dBA	48

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

Condenser Fan Current for 1 fan (single phase)	0.45 / 0.65
Compressor Maximum Operating Current, A	8.9
Compressor Locked Rotor Current, A	46

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	FK
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