



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return ASERCOM certified
- 10 K Suction Superheat
- Maximum Evaporating Temperature
- 25 °C Suction Gas Return
- 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	3.64	4.38	5.21	6.12	7.11	8.19	9.34	9.82	10.55
32.0	3.34	4.03	4.79	5.62	6.54	7.53	8.59	9.04	9.72
38.0		3.58	4.26	5.00	5.82	6.71	7.67	8.07	8.69
43.0			3.79	4.47	5.21				
46.0				4.13					
49.0									

50 Hz

MC-H8-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	2.71	2.79	2.88	2.98	3.09	3.21	3.35	3.41	3.50
32.0	3.02	3.10	3.19	3.29	3.40	3.53	3.66	3.72	3.81
38.0		3.52	3.62	3.71	3.82	3.94	4.08	4.13	4.22
43.0			4.01	4.11	4.21				
46.0				4.36					
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	5.21	5.33	5.46	5.60	5.75	5.91	6.09	6.17	6.29
32.0	5.60	5.73	5.87	6.02	6.18	6.35	6.54	6.61	6.74
38.0		6.31	6.46	6.61	6.78	6.96	7.15	7.23	7.36
43.0			7.04	7.20	7.37				
46.0				7.59					
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	33.30	40.70	49.50	59.80	72.10	86.70	93.40	104.50
32.0	26.50	32.70	40.00	48.60	58.90	71.10	85.90	92.80	104.00
38.0		31.70	38.90	47.50	57.70	70.10	85.20	92.30	104.00
43.0			37.90	46.50	56.80				
46.0				45.80					
49.0									

### **CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	H8/271
Number of Fans	1
Total Fan Power Input, W	235
Depth/Width, mm	680/735
Height, mm	533
Base mounting (hole dia), mm	700 x 370 (14)
Gross Weight, kg	77
Net Weight, kg	62
Receiver Capacity, l	7.9
Liquid Line, inch	1/2
Air Flow, m <sup>3</sup> /s	1
Suction Type	Rotalock Valve
Suction Diameter, inch	7/8
Sound Pressure @ 10m, dBA	49

### **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	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	H
Fan speed control	ALCO FSX41S for R134a
Fan speed control	ALCO FSX42S

### **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