



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	14.90	18.60	22.60	26.90	31.40	36.20	41.20	43.30	46.40
32.0		16.70	20.50	24.50	28.70	33.10	37.80	39.70	42.50
38.0				21.40	25.30	29.30	33.40	35.20	
43.0					22.20				
46.0									
49.0									

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	11.35	11.75	12.20	12.75	13.35	14.00	14.75	15.05	15.50
32.0		13.15	13.55	14.05	14.60	15.25	15.95	16.25	16.70
38.0				15.85	16.35	16.95	17.55	17.85	
43.0					18.05				
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	10.0
27.0	21.55	22.21	22.91	23.65	24.46	25.34	26.30	26.71	27.36
32.0		23.84	24.56	25.33	26.16	27.06	28.04	28.45	29.10
38.0				27.75	28.58	29.48	30.45	30.86	
43.0					30.96				
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	10.0
27.0	110.50	142.00	177.50	219.00	267.00	323.00	389.00	419.00	468.00
32.0		135.50	171.50	213.00	261.00	317.00	384.00	414.00	465.00
38.0				204.00	252.00	309.00	377.00	408.00	
43.0					244.00				
46.0									
49.0									

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

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	820/1640
Height, mm	864
Base mounting (hole dia), mm	1605 x 475 (14)
Gross Weight, kg	196
Net Weight, kg	174
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m <sup>3</sup> /s	3.33
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	33.3
Compressor Locked Rotor Current, A	174

### **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	W
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