



Minimum Evaporating Temp. With:

- █ 20 °C Suction Gas Return ASERCOM certified Liquid injection
- █ Maximum Evaporating Temperature     █ Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	6.21	7.94	9.98	12.35	15.05	18.05	21.40	25.00
32.0	5.92	7.56	9.49	11.70	14.25	17.10	20.20	23.70
38.0	5.54	7.07	8.86	10.90	13.25	15.90	18.80	21.90
43.0	5.21	6.64	8.30	10.20	12.40	14.80		
46.0	4.99	6.36	7.95	9.77				
49.0	4.77							

Ambient °C	Total Power Input, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	5.47	5.87	6.33	6.87	7.52	8.31	9.27	10.45
32.0	5.97	6.36	6.81	7.35	8.01	8.81	9.77	10.95
38.0	6.71	7.10	7.55	8.08	8.74	9.54	10.50	11.70
43.0	7.49	7.86	8.31	8.84	9.49	10.30		
46.0	8.03	8.40	8.84	9.36				
49.0	8.64							

Ambient °C	Current at 400 V, A							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	11.11	11.49	11.94	12.50	13.23	14.17	15.38	16.91
32.0	11.59	11.99	12.46	13.05	13.81	14.79	16.04	17.61
38.0	12.36	12.79	13.29	13.91	14.71	15.73	17.03	18.66
43.0	13.21	13.66	14.19	14.84	15.66	16.72		
46.0	13.84	14.30	14.83	15.50				
49.0	14.56							

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	33.80	43.70	55.60	69.90	86.70	106.50	129.50	156.50
32.0	33.70	43.50	55.40	69.50	86.20	106.00	129.00	155.50
38.0	33.50	43.30	55.00	68.90	85.40	105.00	127.50	154.00
43.0	33.30	43.00	54.50	68.30	84.60	104.00		
46.0	33.10	42.70	54.20	67.80				
49.0	32.90							

### CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	V6/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	1330/820
Height, mm	830
Gross Weight, kg	195
Net Weight, kg	168
Receiver Capacity, l	11.7
Liquid Line, inch	3/4
Air Flow, m <sup>3</sup> /s	2.97
Suction Diameter, inch	1 3/8
Sound Pressure @ 10m, dBA	57

**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	29
Compressor Locked Rotor Current, A	118

**ACCESSORIES INCLUDED**

Crankcase Heater	70 W External
Liquid Injection	Capillary Tube
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**

<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
TWD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TWD	460 V / 3~ / 60 Hz	460		Y	1.04