



Minimum Evaporating Temp. With:

- █ 20 °C Suction Gas Return 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	7.60	9.70	12.15	15.05	18.30	21.90	26.00	30.40
32.0	7.16	9.16	11.50	14.20	17.25	20.70	24.40	28.50
38.0	6.60	8.47	10.60	13.10	15.90	19.05	22.50	
43.0	6.12	7.85	9.85	12.15	14.70			
46.0	5.81	7.46						
49.0								

Ambient °C	Total Power Input, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	7.34	7.50	7.83	8.33	8.99	9.80	10.75	11.90
32.0	8.19	8.34	8.68	9.20	9.89	10.75	11.80	12.95
38.0	9.45	9.58	9.92	10.45	11.20	12.10	13.20	
43.0	10.70	10.85	11.15	11.70	12.45			
46.0	11.60	11.70						
49.0								

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	13.26	13.41	13.78	14.34	15.13	16.14	17.41	18.98
32.0	14.29	14.42	14.79	15.40	16.26	17.38	18.80	20.55
38.0	15.81	15.93	16.32	17.00	17.96	19.23	20.84	
43.0	17.39	17.50	17.92	18.66	19.72			
46.0	18.50	18.61						
49.0								

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	41.80	54.10	68.90	86.60	107.50	132.50	162.00	196.00
32.0	41.30	53.60	68.20	85.80	106.50	131.50	160.50	194.50
38.0	40.60	52.80	67.30	84.60	105.00	129.50	158.00	
43.0	39.90	51.90	66.20	83.20	103.50			
46.0	39.50	51.30						
49.0								

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	212
Net Weight, kg	185
Receiver Capacity, l	11.7
Liquid Line, inch	3/4
Air Flow, m ³ /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	30
Compressor Locked Rotor Current, A	139

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

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
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