



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	13.15	16.30	19.70	23.40	27.30	31.40	35.70	37.50	40.30
32.0		14.80	18.00	21.40	25.10	28.90	32.90	34.50	37.10
38.0			15.75	18.90	22.20	25.70	29.30	30.80	33.10
43.0				16.65	19.75	22.90			
46.0					18.15				
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	9.32	9.59	9.94	10.35	10.80	11.35	11.90	12.15	12.50
32.0		10.70	11.00	11.40	11.85	12.35	12.90	13.15	13.50
38.0			12.50	12.85	13.25	13.75	14.25	14.50	14.85
43.0				14.25	14.65	15.05			
46.0					15.55				
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	16.43	16.80	17.27	17.84	18.51	19.25	20.07	20.42	20.96
32.0		18.32	18.77	19.33	19.99	20.73	21.55	21.90	22.44
38.0			20.95	21.47	22.09	22.81	23.61	23.95	24.48
43.0				23.58	24.15	24.82			
46.0					25.53				
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	96.30	122.00	151.50	186.00	225.00	271.00	324.00	348.00	387.00
32.0		118.00	147.50	182.00	221.00	267.00	320.00	344.00	383.00
38.0			141.00	175.50	215.00	261.00	315.00	339.00	380.00
43.0				168.00	208.00	255.00			
46.0					203.00				
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	820/1330
Height, mm	835
Base mounting (hole dia), mm	1295 x 475 (14)
Gross Weight, kg	192
Net Weight, kg	172
Receiver Capacity, l	15.8
Liquid Line, inch	3/4
Air Flow, m ³ /s	2.97
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	28.2
Compressor Locked Rotor Current, A	140

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	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