



Minimum Evaporating Temp. With:

- 10 K Suction Superheat
- 20 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	11.00	14.05	17.40	21.20	25.30	29.90	31.90	34.90	37.60	
32.0	10.10	13.05	16.35	19.95	23.90	28.20	30.10	32.90	35.40	
38.0	8.95	11.80	14.95	18.35	22.00	26.10	27.80	30.40	32.70	
43.0		10.70	13.65	16.90	20.40	24.10	25.70	28.20	30.40	
46.0			12.90	16.00	19.35	22.90	24.50	26.80	28.90	
49.0			12.05	15.05	18.25	21.70	23.20	25.40	27.40	

Additional restrictions, please see application guidelines

Ambient °C	Total Power Input, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	7.12	7.29	7.48	7.70	7.95	8.27	8.42	8.66	8.88	
32.0	7.71	7.94	8.16	8.40	8.67	9.00	9.14	9.39	9.61	
38.0	8.47	8.76	9.04	9.32	9.62	9.97	10.10	10.35	10.60	
43.0		9.50	9.83	10.15	10.50	10.85	11.05	11.30	11.50	
46.0			10.35	10.70	11.05	11.45	11.60	11.85	12.10	
49.0			10.85	11.25	11.65	12.05	12.20	12.50	12.70	

Ambient °C	Current at 400 V, A									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	16.29	16.45	16.62	16.81	17.05	17.36	17.50	17.74	17.97	
32.0	16.82	17.03	17.25	17.48	17.76	18.10	18.25	18.51	18.74	
38.0	17.54	17.84	18.13	18.43	18.76	19.14	19.31	19.59	19.85	
43.0		18.62	18.98	19.34	19.73	20.16	20.34	20.64	20.92	
46.0			19.54	19.95	20.37	20.83	21.02	21.34	21.62	
49.0			20.14	20.59	21.05	21.54	21.75	22.09	22.38	

Ambient °C	Mass Flow, g/s									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	73.40	95.00	120.00	149.50	183.50	223.00	241.00	270.00	296.00	
32.0	70.80	93.10	118.50	148.00	182.50	222.00	240.00	269.00	295.00	
38.0	66.70	89.70	116.00	145.50	180.00	220.00	237.00	266.00	293.00	
43.0		86.00	112.50	142.50	177.00	217.00	235.00	263.00	290.00	
46.0			110.00	140.50	175.00	215.00	232.00	261.00	288.00	
49.0			107.50	137.50	172.00	212.00	230.00	259.00	285.00	

Additional restrictions, please see application guidelines

### **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

Additional restrictions, please see application guidelines