



Minimum Evaporating Temp. With:

- █ 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
27.0	9.00	10.80	12.80	15.00	17.35	19.95	21.00
32.0	8.33	9.99	11.85	13.85	16.05	18.40	19.40
38.0	7.48	8.97	10.60	12.40	14.40	16.50	17.40
43.0	6.73	8.07	9.55	11.20	12.95	14.85	15.70
46.0	6.26	7.51	8.89	10.40	12.05	13.85	
49.0	5.77	6.93	8.21				

Ambient °C	Total Power Input, kW						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	4.58	4.71	4.85	5.01	5.17	5.34	5.42
32.0	5.11	5.25	5.39	5.55	5.71	5.88	5.96
38.0	5.83	5.98	6.12	6.28	6.44	6.61	6.68
43.0	6.52	6.67	6.82	6.97	7.13	7.29	7.36
46.0	6.98	7.12	7.27	7.42	7.57	7.73	
49.0	7.47	7.61	7.75				

Ambient °C	Current at 400 V, A						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	8.54	8.70	8.87	9.06	9.25	9.46	9.55
32.0	9.15	9.32	9.50	9.70	9.90	10.12	10.21
38.0	10.02	10.21	10.40	10.60	10.81	11.03	11.12
43.0	10.88	11.08	11.28	11.49	11.70	11.92	12.01
46.0	11.47	11.67	11.88	12.08	12.29	12.51	
49.0	12.11	12.32	12.52				

Ambient °C	Mass Flow, g/s						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	66.00	81.00	98.70	119.50	143.50	172.00	185.00
32.0	65.00	79.80	97.20	117.50	141.50	170.00	183.00
38.0	63.40	77.90	95.00	115.00	139.00	167.50	180.50
43.0	61.60	76.00	92.80	112.50	136.50	165.00	178.00
46.0	60.40	74.60	91.30	111.00	135.00	163.50	
49.0	59.10	73.10	89.70				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX075E/60 W
Number of Fans	2
Total Fan Power Input, W	246
Depth/Width, mm	1035/447
Height, mm	1244
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	1.64
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	7/8
Sound Pressure @ 10m (MT), dBA	41
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Compressor Maximum Operating Current, A	14
Compressor Locked Rotor Current, A	101

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
Control circuit fuse	12 A 10x38
HP Switch	PS4-W1 21X28
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

LP Adjustable Pressure Switch	Alco PS1-W3A
-------------------------------	--------------

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