



Minimum Evaporating Temp. With:

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

Suction Return Temperature 20.0°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	2.48	3.14	3.90	4.76	5.73	6.81	7.99	9.24
32.0	2.33	2.95	3.66	4.46	5.35	6.34	7.42	8.57
38.0	2.14	2.70	3.34	4.05	4.85			
43.0	1.96	2.47	3.04					
46.0								
49.0								

50 Hz

ZXLY-050E-TFD

R448A Dew Point

Ambient °C	Total Power Input, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	2.58	2.75	2.94	3.18	3.47	3.82	4.23	4.72
32.0	2.93	3.10	3.32	3.59	3.90	4.29	4.74	5.27
38.0	3.46	3.66	3.90	4.20	4.55			
43.0	4.03	4.25	4.52					
46.0								
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	5.00	5.17	5.39	5.66	6.00	6.42	6.93	7.54
32.0	5.38	5.57	5.82	6.13	6.51	6.98	7.55	8.23
38.0	6.00	6.23	6.51	6.87	7.31			
43.0	6.69	6.95	7.27					
46.0								
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	13.55	17.45	22.00	27.50	34.00	41.60	50.50	61.00
32.0	13.40	17.20	21.70	27.10	33.40	40.90	49.70	60.00
38.0	13.15	16.85	21.30	26.40	32.60			
43.0	12.85	16.50	20.70					
46.0								
49.0								

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_c/A6E450-AF13-16
Number of Fans	2
Total Fan Power Input, W	242
Depth/Width, mm	1035/447
Height, mm	1244
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	108
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	1.98
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
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	10
Compressor Locked Rotor Current, A	64

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
HP Switch	PS4-W1 22X31
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

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