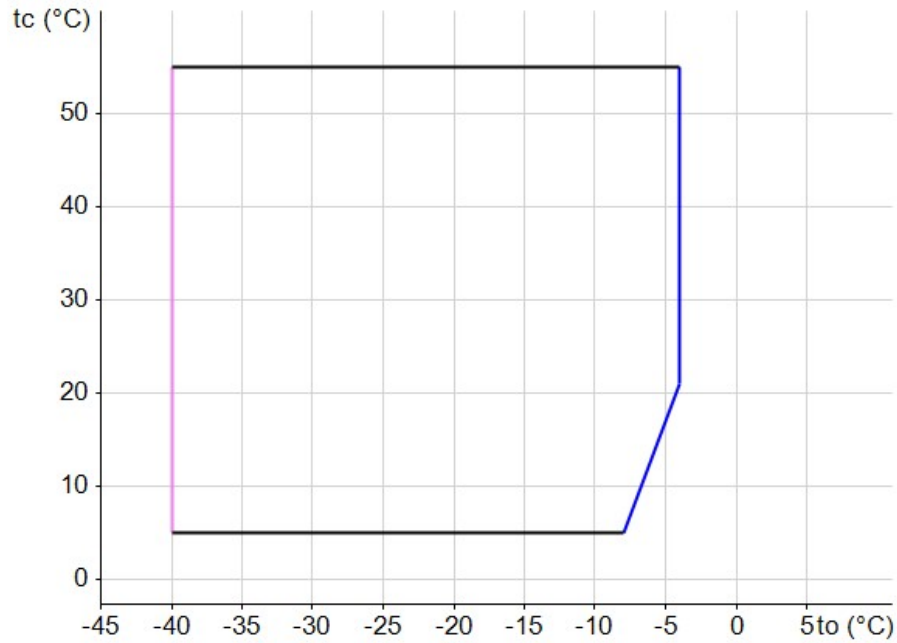




Minimum Evaporating Temp. With:

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	2.02	2.57	3.22	3.96	4.82	5.79	6.87	8.05
32.0	1.91	2.44	3.05	3.75	4.56	5.47	6.48	7.60
38.0	1.76	2.26	2.82	3.48	4.22	5.06	5.99	
43.0	1.64	2.10	2.62	3.22				
46.0	1.56	1.99						
49.0								

50 Hz

ZXLY-040E-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	1.84	1.98	2.13	2.29	2.47	2.68	2.93	3.22
32.0	2.05	2.20	2.35	2.52	2.71	2.92	3.18	3.48
38.0	2.38	2.53	2.69	2.86	3.05	3.28	3.54	
43.0	2.74	2.89	3.05	3.22				
46.0	3.00	3.14						
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	4.33	4.44	4.58	4.75	4.96	5.23	5.55	5.93
32.0	4.59	4.71	4.86	5.05	5.28	5.57	5.91	6.33
38.0	5.01	5.14	5.31	5.51	5.77	6.08	6.46	
43.0	5.46	5.60	5.78	6.01				
46.0	5.79	5.94						
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	10.90	14.05	17.85	22.40	27.90	34.40	42.10	51.10
32.0	10.80	13.95	17.75	22.30	27.70	34.20	41.80	50.90
38.0	10.65	13.80	17.55	22.00	27.40	33.80	41.40	
43.0	10.45	13.60	17.30	21.70				
46.0	10.35	13.45						
49.0								

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_3/A6E450-AF13-16
Number of Fans	1
Total Fan Power Input, W	121
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	91
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	0.97
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	38
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	8
Compressor Locked Rotor Current, A	51.5

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