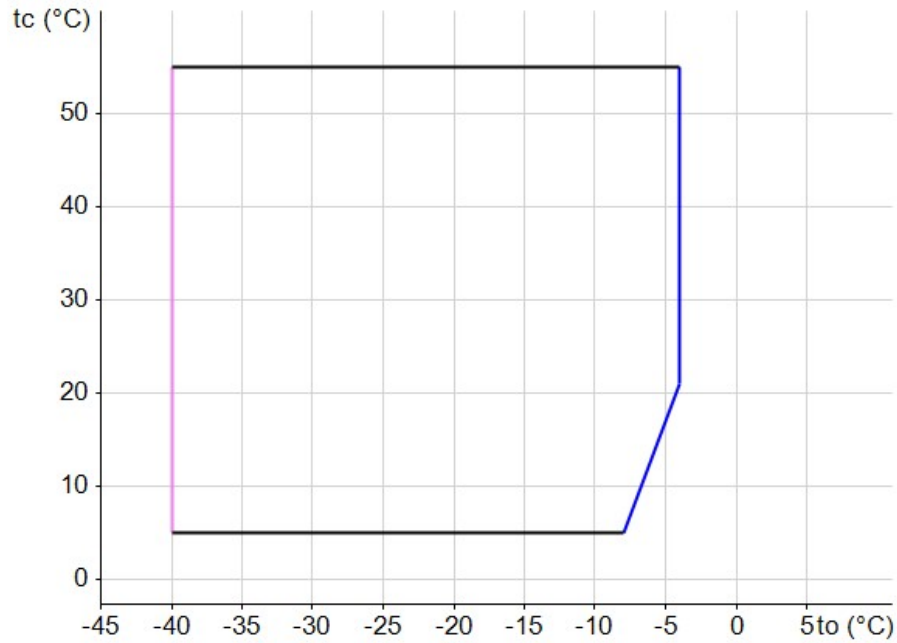




Minimum Evaporating Temp. With:

— 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	2.49	3.15	3.91	4.79	5.77	6.86	8.06	9.34
32.0	2.34	2.96	3.68	4.48	5.39	6.40	7.50	8.68
38.0	2.15	2.72	3.36	4.08	4.90	5.79		
43.0	1.98	2.49	3.07					
46.0								
49.0								

50 Hz

ZXLY-050E-TFD

R449A 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	2.57	2.73	2.92	3.15	3.44	3.77	4.17	4.65
32.0	2.91	3.08	3.29	3.55	3.86	4.23	4.66	5.18
38.0	3.43	3.62	3.86	4.15	4.49	4.90		
43.0	3.99	4.20	4.46					
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	4.99	5.15	5.36	5.62	5.95	6.36	6.85	7.45
32.0	5.36	5.54	5.78	6.08	6.46	6.91	7.46	8.12
38.0	5.97	6.18	6.46	6.81	7.23	7.75		
43.0	6.64	6.89	7.20					
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	13.75	17.70	22.40	27.90	34.50	42.30	51.40	62.10
32.0	13.60	17.50	22.10	27.60	34.00	41.60	50.60	61.20
38.0	13.35	17.15	21.60	26.90	33.20	40.60		
43.0	13.05	16.75	21.10					
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, m³/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