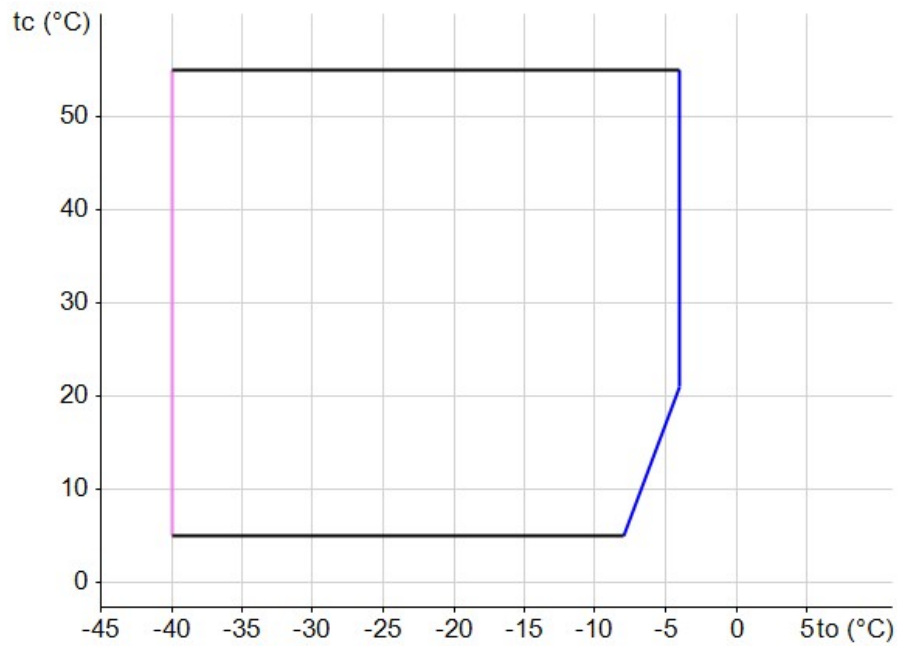




Minimum Evaporating Temp. With:

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	1.38	1.78	2.23	2.77	3.40	4.11	4.93	5.84
32.0	1.33	1.70	2.14	2.64	3.23	3.91	4.67	5.53
38.0	1.26	1.60	2.01	2.48	3.02	3.65	4.36	5.16
43.0	1.18	1.52	1.90	2.33	2.84	3.42	4.09	
46.0	1.14	1.46	1.82	2.24	2.73			
49.0	1.08							

50 Hz

ZXLY-030E-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	1.32	1.38	1.46	1.56	1.68	1.82	1.98	2.16
32.0	1.44	1.52	1.60	1.70	1.82	1.96	2.11	2.29
38.0	1.64	1.70	1.79	1.90	2.01	2.15	2.31	2.49
43.0	1.83	1.90	1.99	2.09	2.21	2.35	2.51	
46.0	1.97	2.04	2.13	2.24	2.36			
49.0	2.13							

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	3.28	3.33	3.40	3.49	3.60	3.73	3.89	4.08
32.0	3.38	3.44	3.52	3.61	3.72	3.87	4.03	4.23
38.0	3.56	3.62	3.70	3.80	3.92	4.07	4.25	4.46
43.0	3.75	3.82	3.90	4.00	4.13	4.28	4.47	
46.0	3.90	3.96	4.04	4.15	4.28			
49.0	4.07							

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	7.45	9.66	12.30	15.50	19.30	23.90	29.30	35.70
32.0	7.49	9.70	12.35	15.50	19.25	23.80	29.20	35.60
38.0	7.51	9.72	12.35	15.45	19.20	23.70	29.00	35.50
43.0	7.49	9.71	12.30	15.40	19.10	23.60	28.90	
46.0	7.46	9.68	12.30	15.35	19.05			
49.0	7.40							

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_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	79
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.05
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
Suction Type	Cu Tube
Suction Diameter, inch	3/4
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	6
Compressor Locked Rotor Current, A	40

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