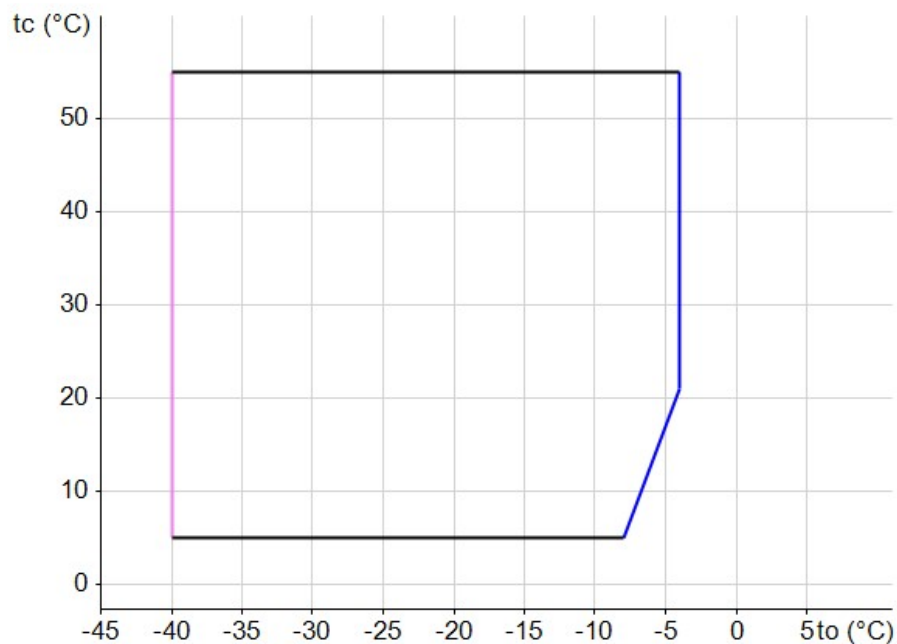




Minimum Evaporating Temp. With:

20 °C Suction Gas Return 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	1.02	1.32	1.66	2.06	2.53	3.07	3.68	4.36
32.0	0.97	1.25	1.57	1.95	2.39	2.90	3.48	4.13
38.0	0.89	1.15	1.45	1.80	2.21	2.68	3.22	3.82
43.0	0.82	1.06	1.34	1.66	2.05	2.48	2.98	3.54
46.0	0.77	1.00	1.27	1.58	1.94	2.35		
49.0	0.72	0.94						

50 Hz

ZXLY-020E-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	1.12	1.18	1.24	1.31	1.39	1.48	1.58	1.70
32.0	1.28	1.32	1.38	1.45	1.52	1.62	1.72	1.84
38.0	1.54	1.58	1.62	1.68	1.76	1.84	1.94	2.06
43.0	1.84	1.86	1.90	1.94	2.01	2.09	2.19	2.31
46.0	2.07	2.08	2.10	2.14	2.20	2.27		
49.0	2.34	2.33						

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	2.34	2.39	2.45	2.52	2.60	2.70	2.82	2.95
32.0	2.50	2.55	2.60	2.67	2.76	2.86	2.98	3.12
38.0	2.79	2.83	2.88	2.94	3.03	3.13	3.26	3.41
43.0	3.15	3.16	3.20	3.26	3.34	3.44	3.57	3.72
46.0	3.42	3.42	3.45	3.50	3.58	3.68		
49.0	3.74	3.74						

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	5.50	7.11	9.05	11.40	14.15	17.45	21.30	25.90
32.0	5.43	7.04	8.97	11.30	14.05	17.30	21.20	25.70
38.0	5.30	6.90	8.81	11.10	13.80	17.05	20.90	25.40
43.0	5.16	6.74	8.62	10.85	13.55	16.75	20.50	25.10
46.0	5.06	6.62	8.47	10.70	13.35	16.50		
49.0	4.94	6.48						

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0545-00_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	76
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1
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	37
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	5
Compressor Locked Rotor Current, A	26

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