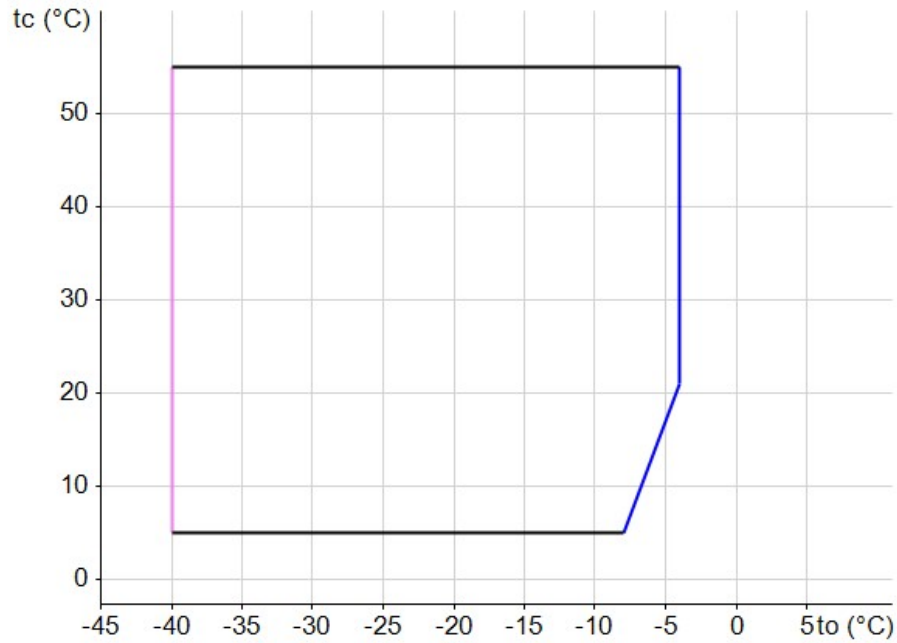




Minimum Evaporating Temp. With:

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	2.52	3.05	3.66	4.34
32.0	0.97	1.24	1.56	1.94	2.39	2.89	3.46	4.10
38.0	0.89	1.14	1.44	1.80	2.20	2.67	3.20	3.79
43.0	0.82	1.06	1.34	1.66	2.04	2.47	2.96	3.51
46.0	0.77	1.00	1.26	1.57	1.92	2.34		
49.0	0.72							

50 Hz

ZXLY-020E-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	1.13	1.18	1.25	1.32	1.40	1.48	1.59	1.71
32.0	1.29	1.34	1.39	1.46	1.54	1.63	1.74	1.86
38.0	1.56	1.58	1.64	1.70	1.76	1.86	1.96	2.08
43.0	1.86	1.88	1.91	1.96	2.03	2.11	2.21	2.33
46.0	2.09	2.09	2.12	2.16	2.22	2.30		
49.0	2.36							

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	2.35	2.40	2.46	2.53	2.61	2.71	2.83	2.97
32.0	2.51	2.55	2.61	2.68	2.77	2.88	3.00	3.14
38.0	2.81	2.84	2.89	2.96	3.04	3.15	3.28	3.43
43.0	3.16	3.18	3.22	3.28	3.36	3.47	3.60	3.76
46.0	3.44	3.45	3.48	3.53	3.61	3.71		
49.0	3.77							

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	5.42	7.01	8.93	11.20	13.95	17.20	21.00	25.50
32.0	5.35	6.94	8.84	11.10	13.85	17.05	20.90	25.30
38.0	5.22	6.80	8.68	10.90	13.60	16.75	20.50	25.00
43.0	5.08	6.63	8.48	10.70	13.30	16.45	20.20	24.60
46.0	4.97	6.51	8.32	10.50	13.10	16.20		
49.0	4.85							

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