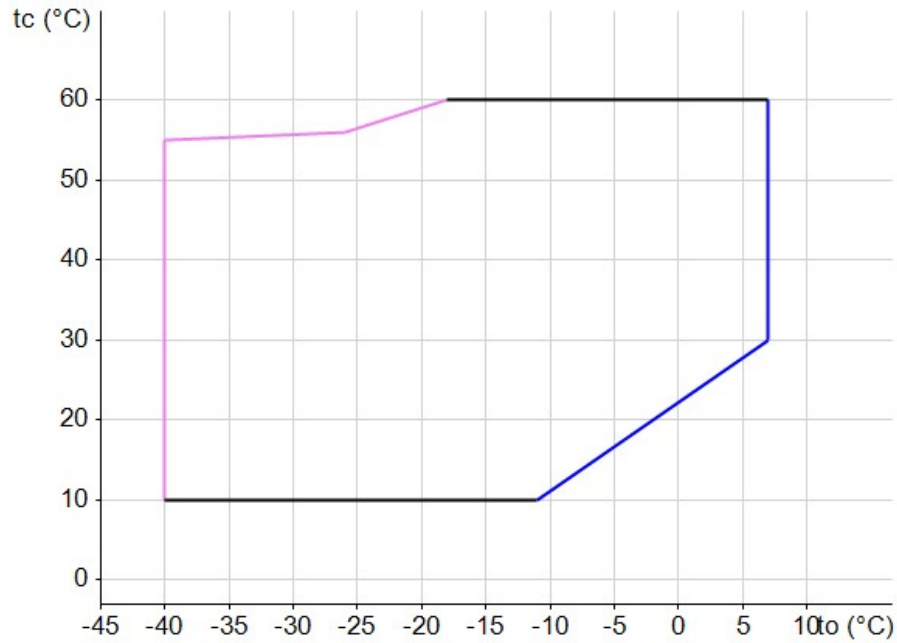




Minimum Evaporating Temp. With:

20 °C Suction Gas Return Liquid injection

Maximum Evaporating Temperature

Maximum Pressure Limit

Suction Superheat 10.0K

Liquid Subcooling 2.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	1.05	1.33	1.65	2.01	2.41	2.86	3.34	3.86	4.41	4.99	
32.0	0.97	1.23	1.52	1.86	2.23	2.64	3.08	3.57	4.08	4.63	
38.0	0.87	1.10	1.37	1.67	2.00	2.37	2.77	3.21			
43.0	0.80	1.01	1.25	1.51	1.81	2.14	2.51				
46.0	0.75	0.94	1.16	1.42	1.69	2.00					
49.0											

50 Hz

ZXLY-020E-TFD

R455A Arith. Mean Temp.

Ambient °C	Total Power Input, kW										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	1.10	1.18	1.28	1.40	1.52	1.65	1.80	1.94	2.11	2.27	
32.0	1.22	1.30	1.40	1.51	1.64	1.76	1.90	2.06	2.21	2.37	
38.0	1.40	1.48	1.58	1.68	1.80	1.93	2.06	2.21			
43.0	1.59	1.67	1.76	1.86	1.97	2.09	2.22				
46.0	1.72	1.80	1.88	1.98	2.08	2.20					
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	0.0	5.0	7.0
27.0	2.42	2.50	2.60	2.71	2.84	2.98	3.15	3.33	3.53	3.76	
32.0	2.53	2.62	2.72	2.83	2.96	3.11	3.28	3.47	3.67	3.90	
38.0	2.71	2.80	2.90	3.02	3.16	3.31	3.48	3.66			
43.0	2.91	3.00	3.10	3.22	3.36	3.51	3.67				
46.0	3.06	3.15	3.25	3.36	3.50	3.64					
49.0											

Ambient °C	Mass Flow, g/s										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	7.41	9.35	11.60	14.15	17.10	20.40	24.20	28.50	33.30	38.70	
32.0	7.30	9.21	11.40	13.90	16.80	20.10	23.80	28.00	32.80	38.30	
38.0	7.19	9.06	11.20	13.60	16.40	19.60	23.20	27.40			
43.0	7.14	8.96	11.00	13.40	16.05	19.15	22.70				
46.0	7.14	8.93	10.95	13.25	15.90	18.95					
49.0											

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