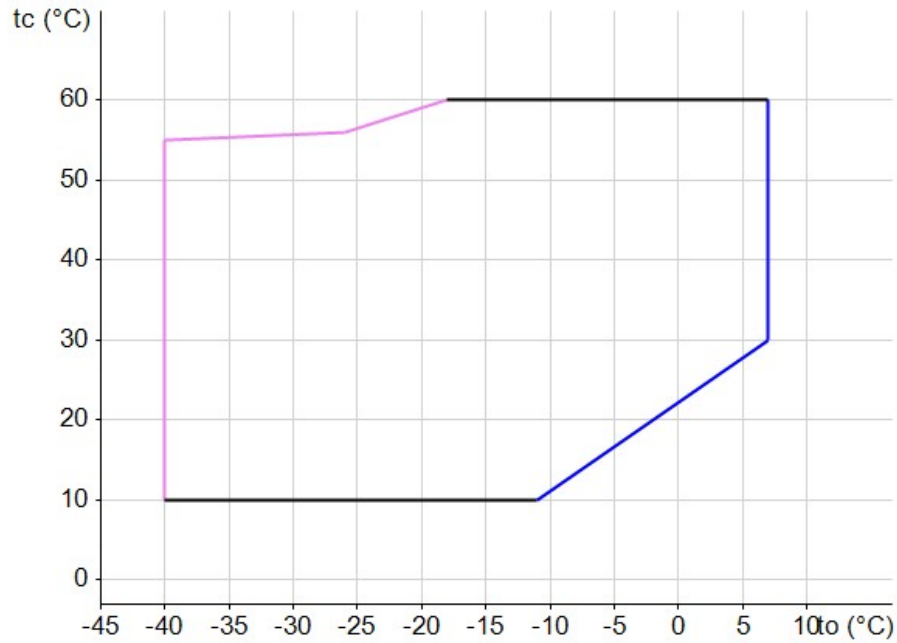


50 Hz

ZXLY-050E-TFD

R454C Arith. Mean Temp.



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	2.18	2.72	3.35	4.05	4.83	5.66	6.54	7.44			
32.0	2.02	2.53	3.10	3.73	4.43	5.18	5.96				
38.0	1.82	2.28	2.78	3.34	3.94	4.57					
43.0	1.64	2.05									
46.0											
49.0											

50 Hz

ZXLY-050E-TFD

R454C 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	2.17	2.36	2.58	2.85	3.18	3.59	4.12	4.81			
32.0	2.38	2.60	2.87	3.19	3.59	4.09	4.72				
38.0	2.73	3.01	3.35	3.76	4.26	4.89					
43.0	3.13	3.49									
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	0.0	5.0	7.0
27.0	5.64	5.85	6.08	6.35	6.67	7.09	7.65	8.40			
32.0	5.88	6.11	6.38	6.69	7.09	7.61	8.29				
38.0	6.26	6.53	6.86	7.27	7.78	8.46					
43.0	6.68	7.02									
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	0.0	5.0	7.0
27.0	16.95	21.10	26.00	31.80	38.40	46.00	54.80	64.80			
32.0	16.85	21.00	25.80	31.40	37.90	45.50	54.20				
38.0	16.70	20.80	25.60	31.10	37.50	45.00					
43.0	16.60	20.80									
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