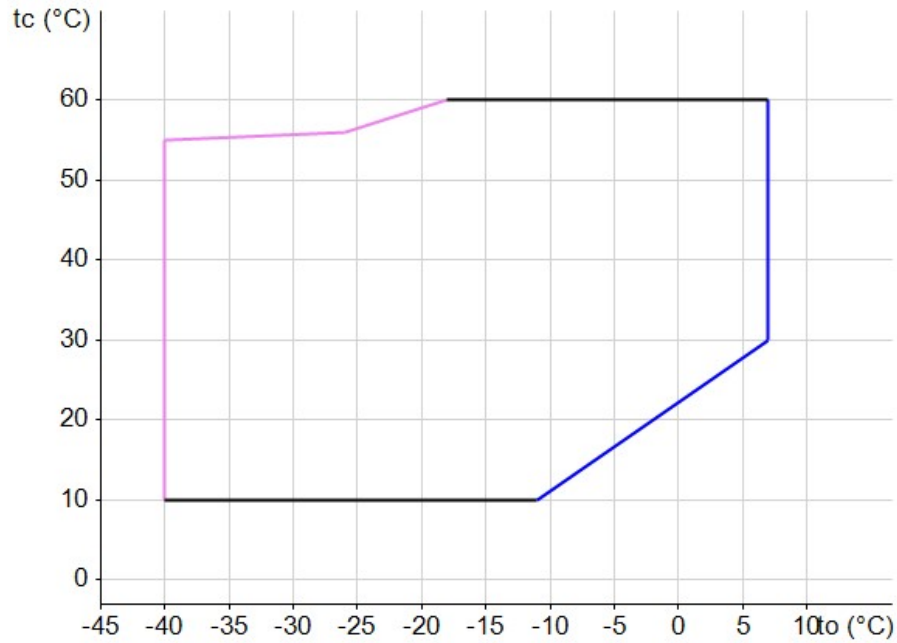


50 Hz

ZXLY-075E-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	3.20	3.99	4.89	5.87	6.94	8.06	9.21	10.35			
32.0	2.95	3.68	4.50	5.39	6.34	7.34	8.35				
38.0	2.66	3.31	4.03	4.79	5.61						
43.0	2.40	2.99									
46.0											
49.0											

50 Hz

ZXLY-075E-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	3.12	3.38	3.69	4.07	4.56	5.18	5.98	7.03			
32.0	3.40	3.72	4.09	4.56	5.15	5.90	6.86				
38.0	3.85	4.25	4.74	5.34	6.09						
43.0	4.34	4.85									
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	6.34	6.61	6.96	7.40	7.98	8.73	9.72	11.02			
32.0	6.64	6.99	7.43	7.98	8.70	9.62	10.81				
38.0	7.14	7.61	8.19	8.93	9.85						
43.0	7.72	8.33									
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	25.10	31.30	38.50	46.70	56.00	66.50	78.40	92.00			
32.0	24.80	31.00	38.00	46.00	55.20	65.50	77.30				
38.0	24.50	30.60	37.60	45.40	54.30						
43.0	24.40	30.50									
46.0											
49.0											

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0544-00_2/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	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.77
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	13.7
Compressor Locked Rotor Current, A	102

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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