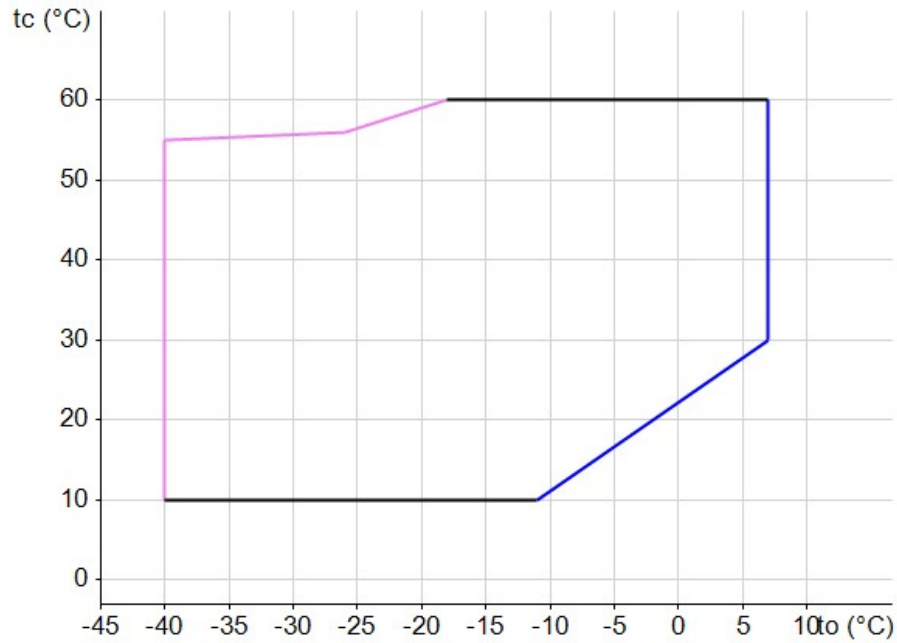


50 Hz

ZXLY-020E-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	0.90	1.15	1.44	1.76	2.13	2.53	2.97	3.45	3.96	4.50	4.72
32.0	0.83	1.06	1.33	1.63	1.97	2.35	2.76	3.20	3.68		
38.0	0.75	0.96	1.20	1.47	1.78	2.12	2.49	2.90			
43.0	0.68	0.87	1.08	1.34	1.62	1.92					
46.0	0.63	0.81	1.02								
49.0											

50 Hz

ZXLY-020E-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	1.00	1.06	1.14	1.24	1.35	1.49	1.64	1.81	2.00	2.19	2.28
32.0	1.11	1.16	1.25	1.34	1.46	1.60	1.74	1.91	2.09		
38.0	1.28	1.34	1.41	1.50	1.62	1.74	1.90	2.06			
43.0	1.46	1.52	1.58	1.67	1.78	1.90					
46.0	1.60	1.64	1.70								
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	2.34	2.39	2.46	2.55	2.66	2.80	2.97	3.17	3.39	3.66	3.77
32.0	2.44	2.49	2.56	2.66	2.77	2.92	3.09	3.29	3.52		
38.0	2.60	2.65	2.73	2.82	2.94	3.09	3.26	3.47			
43.0	2.78	2.83	2.91	3.00	3.12	3.27					
46.0	2.92	2.97	3.04								
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	6.81	8.62	10.75	13.20	16.00	19.25	22.90	27.20	32.00	37.50	40.00
32.0	6.72	8.52	10.60	13.00	15.80	19.00	22.70	26.90	31.70		
38.0	6.61	8.40	10.45	12.80	15.55	18.70	22.40	26.60			
43.0	6.55	8.32	10.35	12.70	15.35	18.50					
46.0	6.53	8.29	10.30								
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