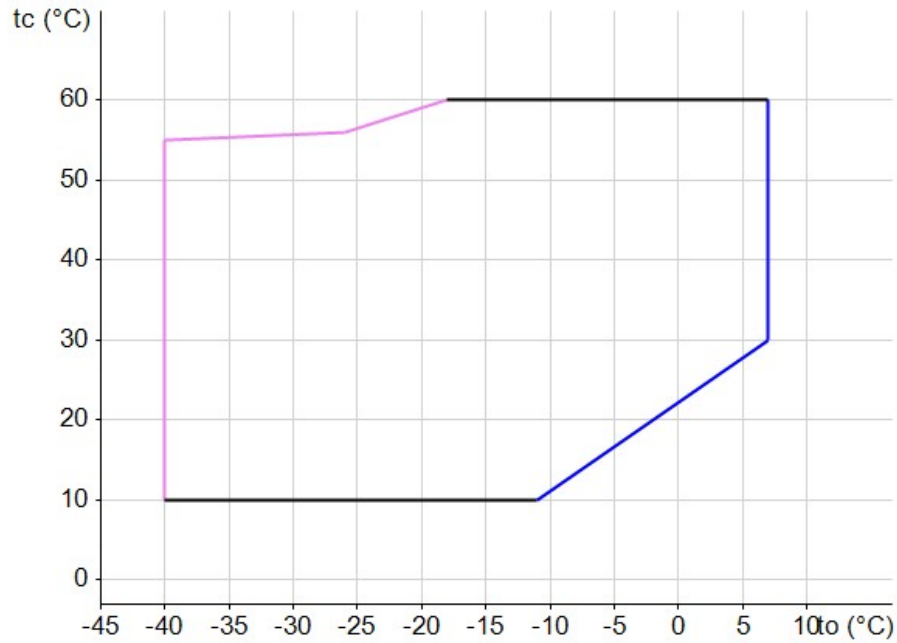


50 Hz

ZXLY-030E-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	1.23	1.54	1.91	2.33	2.80	3.32	3.87	4.45	5.04		
32.0	1.14	1.44	1.77	2.16	2.58	3.05	3.55	4.07			
38.0	1.03	1.30	1.60	1.94	2.31	2.71					
43.0	0.94	1.18	1.44								
46.0	0.88										
49.0											

50 Hz

ZXLY-030E-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	1.22	1.34	1.46	1.62	1.80	2.03	2.30	2.65	3.09		
32.0	1.35	1.48	1.64	1.82	2.04	2.30	2.63	3.04			
38.0	1.58	1.74	1.93	2.15	2.42	2.75					
43.0	1.84	2.05	2.28								
46.0	2.06										
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	4.20	4.24	4.30	4.39	4.52	4.70	4.96	5.32	5.82		
32.0	4.24	4.31	4.40	4.53	4.71	4.95	5.28	5.74			
38.0	4.36	4.47	4.61	4.80	5.05	5.38					
43.0	4.53	4.69	4.89								
46.0	4.68										
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	9.39	11.80	14.60	17.95	21.80	26.30	31.50	37.50	44.50		
32.0	9.36	11.75	14.55	17.80	21.60	26.10	31.20	37.30			
38.0	9.34	11.70	14.45	17.70	21.40	25.80					
43.0	9.33	11.70	14.45								
46.0	9.33										
49.0											

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_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	79
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.05
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	38
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	6
Compressor Locked Rotor Current, A	40

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