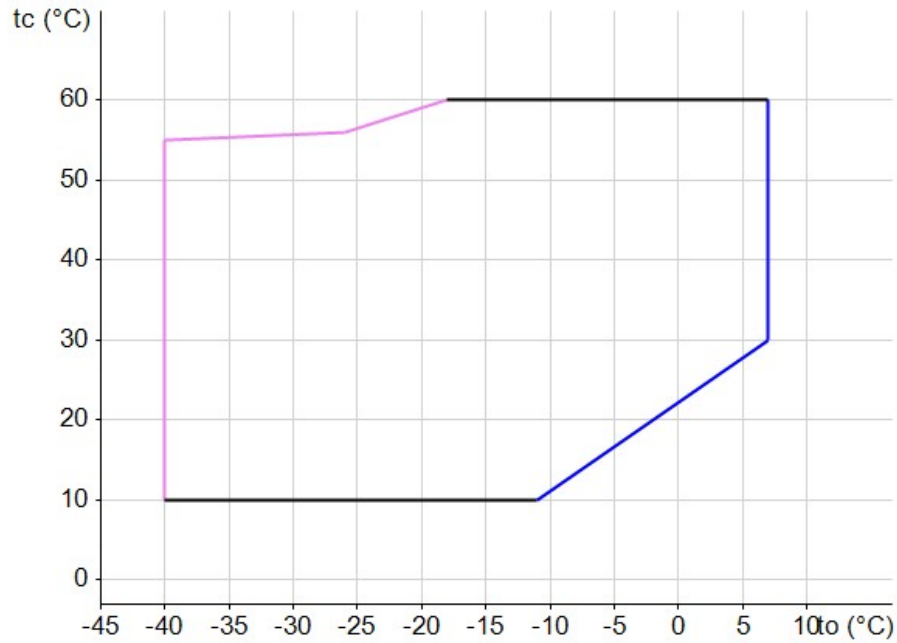


50 Hz

ZXLY-030E-TFD

R455A 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	1.50	1.88	2.32	2.81	3.36	3.97	4.62	5.32	6.06	6.84	
32.0	1.38	1.74	2.14	2.60	3.10	3.66	4.27	4.91	5.60		
38.0	1.25	1.56	1.92	2.33	2.78	3.28	3.82				
43.0	1.12	1.41	1.73	2.09	2.50	2.94					
46.0	1.05	1.32									
49.0											

50 Hz

ZXLY-030E-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	1.32	1.43	1.56	1.70	1.86	2.04	2.25	2.49	2.77	3.08	
32.0	1.47	1.60	1.74	1.90	2.07	2.27	2.50	2.76	3.05		
38.0	1.72	1.86	2.02	2.19	2.39	2.61	2.86				
43.0	2.00	2.15	2.32	2.51	2.72	2.96					
46.0	2.20	2.37									
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	4.25	4.31	4.39	4.48	4.60	4.74	4.92	5.14	5.41	5.75	
32.0	4.34	4.42	4.51	4.62	4.76	4.93	5.14	5.40	5.71		
38.0	4.50	4.60	4.72	4.86	5.04	5.24	5.49				
43.0	4.70	4.83	4.97	5.14	5.34	5.58					
46.0	4.86	5.00									
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	10.65	13.35	16.45	20.10	24.20	28.90	34.30	40.50	47.50	55.70	
32.0	10.50	13.15	16.20	19.75	23.80	28.50	33.80	40.00	47.10		
38.0	10.35	12.95	15.90	19.35	23.40	27.90	33.20				
43.0	10.20	12.75	15.65	19.05	23.00	27.50					
46.0	10.10	12.65									
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