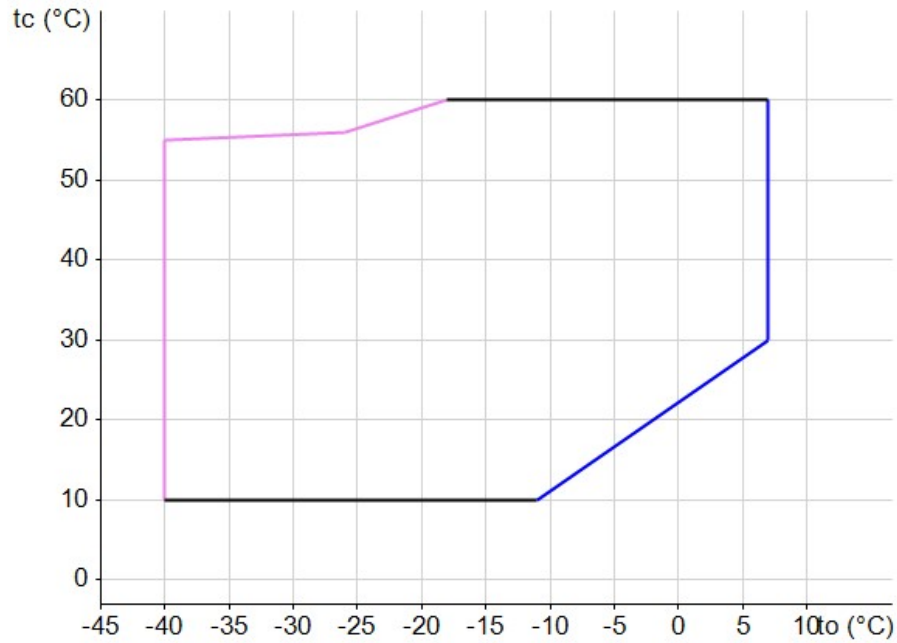


50 Hz

ZXLY-075E-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	3.76	4.66	5.67	6.78	7.98	9.25	10.60	12.00	13.40		
32.0	3.42	4.25	5.16	6.15	7.22	8.36	9.56				
38.0	2.98	3.70	4.48	5.32	6.23	7.20					
43.0	2.57										
46.0											
49.0											

50 Hz

ZXLY-075E-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	3.57	3.93	4.33	4.77	5.25	5.78	6.35	6.97	7.64		
32.0	4.10	4.50	4.93	5.40	5.91	6.47	7.07				
38.0	5.02	5.46	5.93	6.43	6.97	7.56					
43.0	6.17										
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	6.83	7.25	7.71	8.24	8.82	9.47	10.18	10.96	11.82		
32.0	7.44	7.91	8.43	9.00	9.64	10.33	11.09				
38.0	8.54	9.07	9.65	10.27	10.95	11.69					
43.0	9.93										
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	27.70	34.60	42.40	51.30	61.30	72.60	85.30	99.70	116.00		
32.0	27.10	33.80	41.40	49.90	59.60	70.50	82.80				
38.0	26.20	32.60	39.80	47.90	57.10	67.40					
43.0	25.30										
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