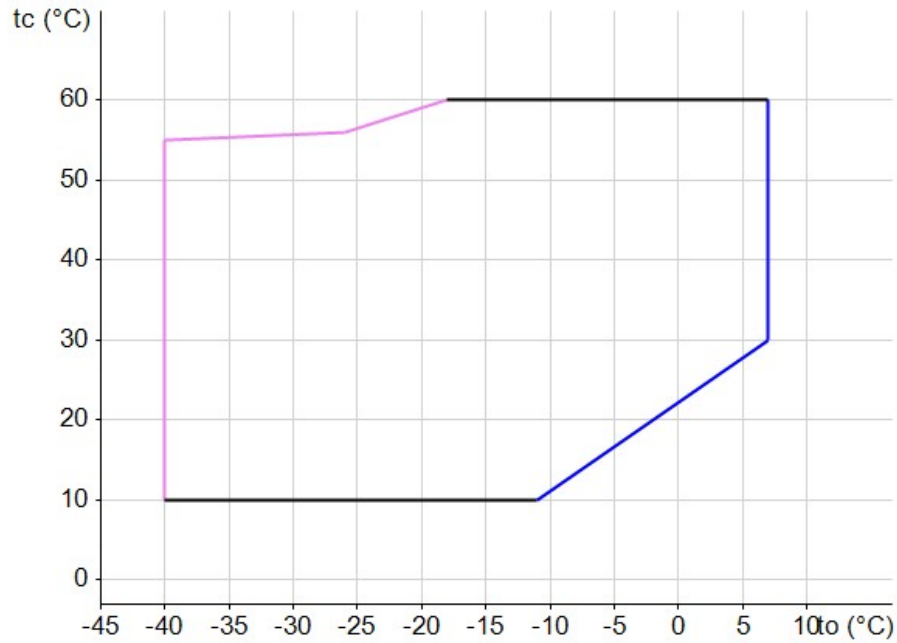


50 Hz

ZXLY-050E-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	2.61	3.26	3.99	4.82	5.73	6.72	7.78	8.90	10.05		
32.0	2.40	3.00	3.67	4.42	5.25	6.15	7.12	8.14			
38.0	2.13	2.66	3.25	3.91	4.64	5.43	6.27				
43.0	1.89	2.36	2.88								
46.0	1.74										
49.0											

50 Hz

ZXLY-050E-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	2.43	2.65	2.90	3.17	3.49	3.84	4.23	4.67	5.17		
32.0	2.74	2.98	3.25	3.55	3.89	4.27	4.69	5.17			
38.0	3.25	3.53	3.82	4.16	4.52	4.93	5.39				
43.0	3.86	4.15	4.47								
46.0	4.32										
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	5.92	6.16	6.41	6.68	6.99	7.34	7.74	8.23	8.81		
32.0	6.24	6.49	6.75	7.05	7.39	7.79	8.25	8.79			
38.0	6.75	7.02	7.32	7.66	8.05	8.50	9.03				
43.0	7.35	7.65	7.98								
46.0	7.83										
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	18.90	23.60	29.10	35.40	42.60	50.80	60.30	71.00	83.40		
32.0	18.60	23.20	28.50	34.70	41.80	49.90	59.10	69.80			
38.0	18.15	22.70	27.80	33.80	40.60	48.50	57.60				
43.0	17.75	22.10	27.10								
46.0	17.50										
49.0											

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_c/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	108
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.98
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	10
Compressor Locked Rotor Current, A	64

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