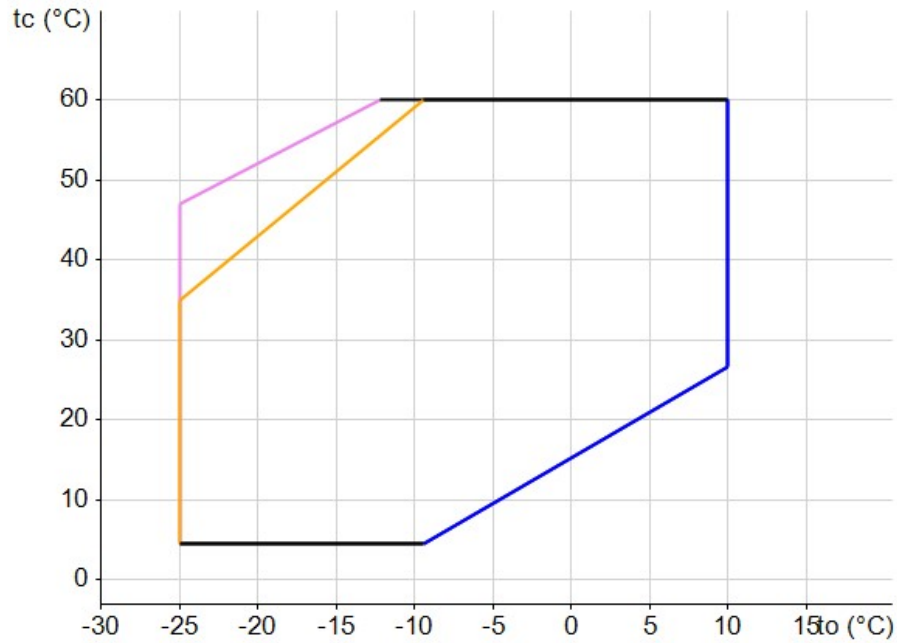




Minimum Evaporating Temp. With:

- 10 K Suction Superheat
- 20 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Return Temperature 20.0°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	4.87	6.06	7.43	8.98	10.75	12.65	14.80	15.70	17.05
32.0		5.73	7.02	8.48	10.10	11.95	13.95	14.75	16.10
38.0			6.52	7.87	9.38	11.05	12.90	13.65	14.85
43.0				7.34	8.74	10.30	11.95		
46.0				7.01	8.34				
49.0									

50 Hz

ZXDY-050E-TFD

R449A Dew Point

Ambient °C	Total Power Input, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	2.75	2.95	3.17	3.40	3.65	3.92	4.22	4.35	4.55
32.0		3.20	3.43	3.68	3.95	4.24	4.56	4.70	4.91
38.0			3.79	4.06	4.35	4.67	5.01	5.15	5.38
43.0				4.42	4.73	5.06	5.42		
46.0				4.65	4.97				
49.0									

Ambient °C	Current at 400 V, A								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	5.56	5.75	5.97	6.22	6.50	6.82	7.18	7.34	7.60
32.0		6.01	6.26	6.54	6.86	7.21	7.62	7.79	8.07
38.0			6.67	6.99	7.36	7.76	8.21	8.40	8.70
43.0				7.43	7.83	8.27	8.76		
46.0				7.73	8.15				
49.0									

Ambient °C	Mass Flow, g/s								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	27.00	34.20	42.80	53.00	65.00	79.20	96.00	103.50	116.00
32.0		33.90	42.40	52.50	64.50	78.60	95.30	103.00	115.00
38.0			41.90	51.90	63.70	77.80	94.50	102.00	114.50
43.0				51.30	63.10	77.10	93.80		
46.0				51.00	62.70				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_DY2/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	42
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	11.3
Compressor Locked Rotor Current, A	64

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Oil separator	Gokceler
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