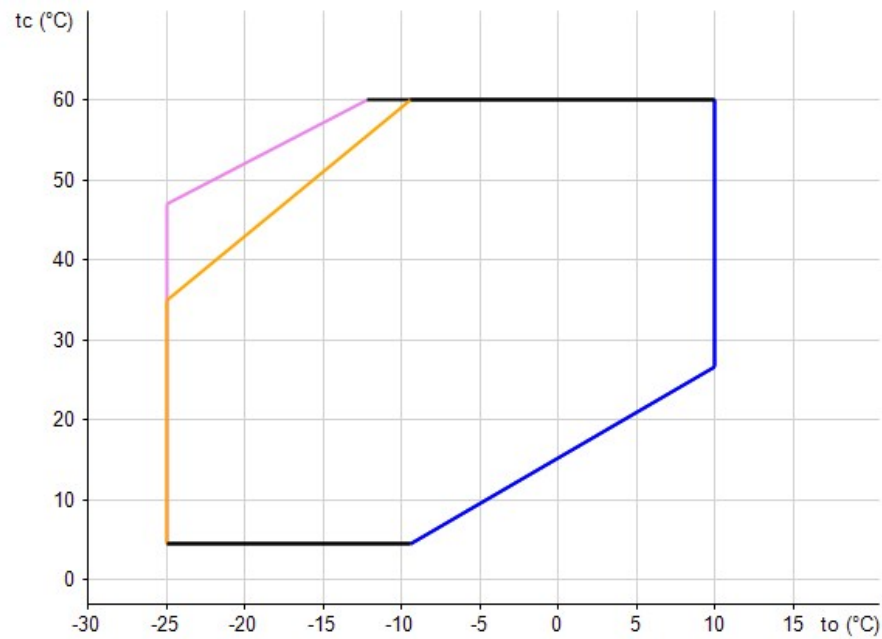




Minimum Evaporating Temp. With:

- 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	2.23	2.81	3.48	4.25	5.12	6.10	7.20	7.67	8.41
32.0		2.65	3.28	4.01	4.84	5.77	6.81	7.25	7.96
38.0			3.04	3.72	4.49	5.35	6.32	6.74	7.40
43.0			2.82	3.46	4.18	5.00	5.91	6.30	6.92
46.0				3.30	3.99	4.77	5.65	6.03	6.62
49.0				3.13	3.80	4.55			

50 Hz

ZXME-025E-PFJ

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	1.51	1.54	1.58	1.63	1.70	1.78	1.87	1.91	1.97
32.0		1.74	1.76	1.81	1.88	1.96	2.05	2.09	2.16
38.0			2.04	2.08	2.13	2.21	2.31	2.35	2.42
43.0			2.32	2.34	2.39	2.46	2.55	2.59	2.66
46.0				2.52	2.56	2.63	2.71	2.75	2.82
49.0				2.72	2.75	2.81			

Ambient °C	Current at 230 V, A								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	7.94	8.00	8.11	8.27	8.47	8.70	8.98	9.10	9.29
32.0		8.58	8.67	8.81	9.01	9.26	9.55	9.68	9.89
38.0			9.52	9.64	9.82	10.07	10.38	10.52	10.74
43.0			10.43	10.51	10.67	10.90	11.21	11.35	11.58
46.0				11.12	11.25	11.48	11.78	11.92	12.15
49.0				11.81	11.91	12.12			

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	12.20	15.55	19.55	24.30	29.90	36.50	44.30	47.80	53.60
32.0		15.35	19.35	24.00	29.60	36.20	44.10	47.60	53.40
38.0			19.00	23.70	29.30	35.90	43.70	47.30	53.10
43.0			18.70	23.40	28.90	35.50	43.40	47.00	53.00
46.0				23.20	28.70	35.30	43.30	46.90	52.90
49.0				22.90	28.50	35.10			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX030E/60 W
Number of Fans	1
Total Fan Power Input, W	116
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	79
Receiver Capacity, l	4.1
Liquid Line, inch	1/2
Air Flow, m ³ /s	0.81
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	3/4
Sound Pressure @ 10m (MT), dBA	37
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz

CONDENSING UNIT ELECTRICAL DATA (220-240 V / 1~ / 50 Hz)

Compressor Maximum Operating Current, A	12.4
Compressor Locked Rotor Current, A	61

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
Control circuit fuse	12 A 10x38
HP Switch	PS4-W1 21X28
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

LP Adjustable Pressure Switch	Alco PS1-W3A
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MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
PFJ	220-240 V / 1~ / 50 Hz	230		PSC	1.00