



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	2.83	3.57	4.41	5.36	6.44	7.63	8.95	9.51	10.40
32.0		3.36	4.15	5.05	6.06	7.19	8.42	8.95	9.77
38.0			3.83	4.66	5.59	6.62	7.76	8.25	9.01
43.0				4.31	5.17	6.13	7.18	7.63	8.34
46.0				4.10	4.91	5.82			
49.0									

50 Hz

ZXME-030E-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	1.82	1.89	1.96	2.04	2.12	2.22	2.33	2.38	2.46
32.0		2.12	2.20	2.28	2.37	2.47	2.58	2.63	2.71
38.0			2.53	2.62	2.72	2.82	2.93	2.98	3.06
43.0				2.94	3.04	3.15	3.27	3.32	3.40
46.0				3.15	3.26	3.37			
49.0									

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	9.97	10.18	10.39	10.61	10.85	11.14	11.49	11.65	11.90
32.0		10.84	11.09	11.34	11.61	11.92	12.28	12.44	12.70
38.0			12.10	12.40	12.71	13.04	13.43	13.60	13.87
43.0				13.46	13.80	14.17	14.57	14.75	15.03
46.0				14.18	14.55	14.93			
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	15.65	20.00	25.20	31.30	38.50	47.00	57.00	61.50	68.80
32.0		19.75	24.90	31.00	38.10	46.50	56.50	61.00	68.30
38.0			24.50	30.40	37.50	45.80	55.70	60.20	67.60
43.0				29.90	36.90	45.20	55.00	59.50	66.90
46.0				29.60	36.50	44.70			
49.0									

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	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 (220-240 V / 1~ / 50 Hz)

Compressor Maximum Operating Current, A	16.4
Compressor Locked Rotor Current, A	82

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