



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	1.34	1.72	2.10	2.50	2.95	3.48	4.12	4.40	4.87
32.0		1.66	1.98	2.35	2.76	3.26	3.85	4.12	4.56
38.0			1.83	2.14	2.50	2.95	3.49	3.74	4.14
43.0				1.93	2.25	2.65			
46.0					2.08				
49.0									

50 Hz

ZXME-015E-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	0.94	1.01	1.06	1.13	1.20	1.28	1.38	1.42	1.50
32.0		1.10	1.16	1.23	1.30	1.38	1.49	1.54	1.61
38.0			1.28	1.36	1.44	1.52	1.63	1.68	1.76
43.0				1.46	1.54	1.64			
46.0					1.61				
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	3.91	4.17	4.42	4.69	5.00	5.36	5.81	6.01	6.37
32.0		4.53	4.83	5.13	5.47	5.86	6.34	6.57	6.94
38.0			5.36	5.71	6.08	6.51	7.03	7.27	7.67
43.0				6.22	6.63	7.09			
46.0					6.96				
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	7.48	9.86	12.30	15.00	18.25	22.30	27.50	30.10	34.50
32.0		9.97	12.25	14.80	17.95	21.90	27.20	29.70	34.20
38.0			12.00	14.40	17.35	21.20	26.40	29.00	33.40
43.0				13.75	16.55	20.30			
46.0					15.90				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX015E/YDK50-6
Number of Fans	1
Total Fan Power Input, W	106
Depth/Width, mm	846/322
Height, mm	605
Base mounting (hole dia), mm	564 x 323 (12)
Net Weight, kg	56
Receiver Capacity, l	1.8
Liquid Line, inch	3/8
Air Flow, m ³ /s	0.66
High Side PS gauge, bar	31
Low Side PS gauge, bar	21.6
Suction Type	Cu Tube
Suction Diameter, inch	1/2
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	8.7
Compressor Locked Rotor Current, A	45

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Discharge Temperature Protection	Discharge Line Thermostat
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
Control circuit fuse	12 A 10x38
Fan speed control	ALCO FSY42S
HP Switch	PS4-W1 21X28
Filter Drier	ALCO ADK Plus
LP Adjustable Pressure Switch	Alco PS1-W3A

ACCESSORIES OPTIONAL

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

