



Minimum Evaporating Temp. With:

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

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW									
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0			1.86	2.23	2.63	3.09	3.60	4.16	4.41	4.79
32.0				2.09	2.47	2.89	3.36	3.89	4.12	4.48
38.0					2.27	2.65	3.08	3.57		
43.0						2.45				
46.0										
49.0										

50 Hz

ZXME-015E-PFJ

R407F Dew Point

Ambient °C	Total Power Input, kW									
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0			1.10	1.16	1.24	1.32	1.42	1.54	1.59	1.68
32.0				1.28	1.36	1.44	1.55	1.68	1.73	1.82
38.0					1.50	1.60	1.72	1.86		
43.0						1.76				
46.0										
49.0										

Ambient °C	Current at 230 V, A									
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0			4.54	4.86	5.20	5.57	6.01	6.55	6.80	7.21
32.0				5.35	5.73	6.14	6.61	7.18	7.45	7.89
38.0					6.43	6.89	7.41	8.03		
43.0						7.57				
46.0										
49.0										

Ambient °C	Mass Flow, g/s									
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0			9.86	12.05	14.65	17.70	21.40	25.90	28.00	31.50
32.0				11.85	14.40	17.40	21.00	25.50	27.60	31.10
38.0					14.05	17.00	20.60	25.10		
43.0						16.70				
46.0										
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

