



Minimum Evaporating Temp. With:

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

Suction Return Temperature 20.0°C

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		1.78	2.16	2.58	3.06	3.58	4.17	4.81	5.08	5.50
32.0		1.66	2.00	2.39	2.83	3.31	3.85	4.43	4.68	5.07
38.0			1.82	2.16	2.54	2.97	3.45	3.97	4.20	4.55
43.0				1.95	2.29	2.68	3.10			
46.0					2.14					
49.0										

50 Hz

ZXME-018E-PFJ

R404A 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		1.23	1.32	1.41	1.50	1.57	1.64	1.68	1.70	1.72
32.0		1.34	1.44	1.54	1.62	1.70	1.78	1.83	1.84	1.86
38.0			1.58	1.70	1.79	1.88	1.96	2.01	2.03	2.05
43.0				1.84	1.94	2.03	2.11			
46.0					2.03					
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		5.10	5.52	5.91	6.29	6.63	6.91	7.14	7.21	7.29
32.0		5.57	6.03	6.46	6.87	7.23	7.53	7.77	7.84	7.92
38.0			6.70	7.17	7.61	8.00	8.32	8.57	8.64	8.72
43.0				7.81	8.27	8.68	9.01			
46.0					8.68					
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		12.95	16.00	19.70	24.10	29.40	35.70	43.30	46.80	52.70
32.0		12.80	15.85	19.45	23.80	29.00	35.30	43.00	46.50	52.40
38.0			15.60	19.15	23.40	28.50	34.80	42.50	46.20	52.30
43.0				18.80	23.00	28.10	34.40			
46.0					22.70					
49.0										

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX018E/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	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	9.9
Compressor Locked Rotor Current, A	54

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

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

