



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	1.52	1.94	2.36	2.80	3.30	3.88	4.57	4.88	5.38
32.0		1.87	2.23	2.62	3.07	3.61	4.25	4.54	5.02
38.0			2.04	2.37	2.77	3.25	3.83	4.09	
43.0				2.13	2.47				
46.0									
49.0									

50 Hz

ZXME-018E-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	1.10	1.18	1.26	1.34	1.42	1.53	1.65	1.71	1.80
32.0		1.29	1.38	1.46	1.55	1.66	1.78	1.84	1.94
38.0			1.52	1.60	1.70	1.82	1.94	2.01	
43.0				1.73	1.84				
46.0									
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	4.62	4.91	5.21	5.54	5.91	6.35	6.89	7.15	7.59
32.0		5.32	5.67	6.03	6.44	6.92	7.52	7.79	8.26
38.0			6.27	6.68	7.14	7.67	8.31	8.61	
43.0				7.27	7.76				
46.0									
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	8.59	11.25	14.00	17.05	20.70	25.30	31.30	34.20	39.20
32.0		11.40	13.90	16.80	20.30	24.80	30.80	33.60	38.70
38.0			13.60	16.25	19.55	23.90	29.70	32.60	
43.0				15.45	18.55				
46.0									
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 <sup>3</sup> /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**

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

