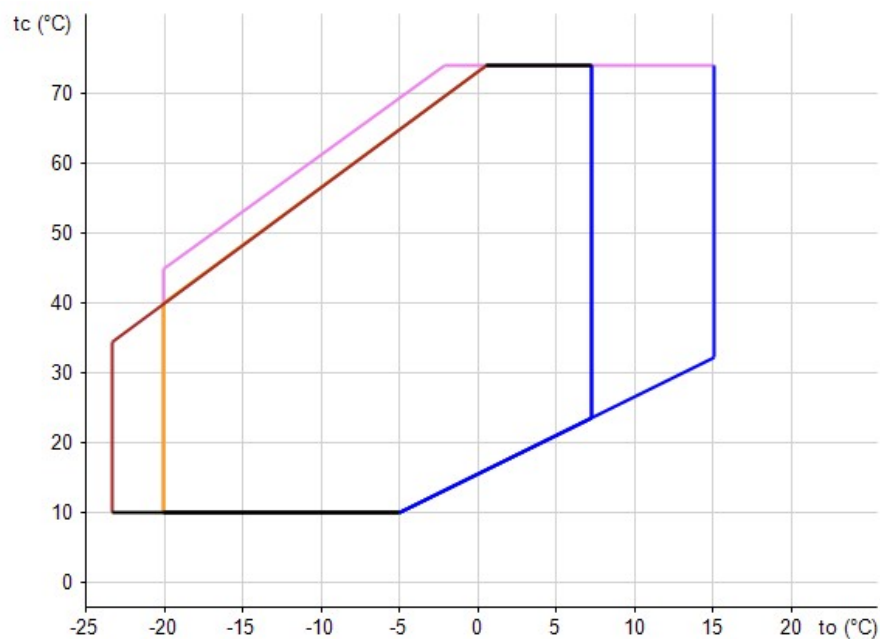




Minimum Evaporating Temp. With:

- 10 K Suction Superheat — 20 °C Suction Gas Return
- 20 °C Suction Gas Return 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									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	1.12	1.40	1.72	2.09	2.50	2.97	3.17	3.48	3.76	4.05
32.0	1.08	1.34	1.64	1.99	2.38	2.82	3.01	3.31	3.57	3.85
38.0		1.27	1.54	1.86	2.23	2.64	2.81	3.09	3.34	3.60
43.0			1.46	1.76	2.09	2.48	2.64	2.90	3.14	3.38
46.0			1.40	1.68	2.00	2.37	2.53	2.78	3.01	3.24
49.0				1.60	1.91	2.26	2.42	2.66	2.87	3.10

50 Hz

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Ambient °C	Total Power Input, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	0.68	0.72	0.76	0.80	0.84	0.89	0.90	0.93	0.96	0.98
32.0	0.73	0.77	0.82	0.87	0.92	0.97	0.99	1.02	1.05	1.08
38.0		0.85	0.90	0.95	1.01	1.06	1.09	1.13	1.16	1.20
43.0			0.97	1.03	1.08	1.15	1.18	1.22	1.25	1.28
46.0			1.02	1.08	1.14	1.20	1.23	1.27	1.30	1.34
49.0				1.12	1.18	1.25	1.28	1.32	1.36	1.40

Ambient °C	Current at 230 V, A									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	2.66	2.84	3.03	3.22	3.42	3.62	3.71	3.84	3.95	4.07
32.0	2.89	3.10	3.31	3.53	3.76	3.99	4.09	4.24	4.38	4.51
38.0		3.45	3.69	3.93	4.19	4.45	4.57	4.74	4.89	5.04
43.0			4.02	4.28	4.55	4.84	4.96	5.15	5.31	5.48
46.0			4.23	4.49	4.78	5.08	5.20	5.39	5.56	5.73
49.0				4.71	5.00	5.31	5.44	5.63	5.80	5.98

Ambient °C	Mass Flow, g/s									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	6.51	8.26	10.30	12.75	15.60	19.00	20.50	23.00	25.20	27.70
32.0	6.51	8.25	10.30	12.70	15.55	18.90	20.40	22.90	25.20	27.70
38.0		8.22	10.25	12.60	15.45	18.80	20.30	22.80	25.10	27.60
43.0			10.15	12.50	15.30	18.65	20.10	22.60	24.90	27.40
46.0			10.05	12.40	15.15	18.50	20.00	22.50	24.80	27.30
49.0				12.20	15.00	18.30	19.80	22.30	24.60	27.10

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	27
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 FSY41S
HP Switch	PS4-W1 21 X 26
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

50 Hz

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