



Minimum Evaporating Temp. With:

- 25 °C Suction Gas Return      — 0 °C Suction Gas Return
- Maximum Evaporating Temperature      — Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	5.25	6.56	8.04	9.69	11.55	13.60	15.85	18.30	21.00	23.90	25.10
32.0	5.09	6.34	7.73	9.29	11.00	12.95	15.05	17.30	19.80	22.40	23.50
38.0		5.98	7.25	8.66	10.20	11.95	13.85	15.90	18.10	20.50	21.50
43.0		5.61	6.74	8.01	9.41	10.95	12.65	14.50	16.50		
46.0			6.39	7.56	8.86	10.30	11.90				
49.0											

Ambient °C	Total Power Input, kW										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	4.00	4.33	4.63	4.93	5.22	5.51	5.82	6.16	6.54	6.99	7.19
32.0	4.41	4.74	5.06	5.37	5.68	6.01	6.36	6.75	7.18	7.68	7.91
38.0		5.34	5.67	6.00	6.34	6.70	7.09	7.53	8.03	8.59	8.84
43.0		5.95	6.28	6.62	6.97	7.36	7.78	8.26	8.80		
46.0			6.69	7.03	7.40	7.79	8.24				
49.0											

Ambient °C	Current at 400 V, A										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	7.57	7.93	8.29	8.66	9.04	9.44	9.87	10.32	10.82	11.37	11.60
32.0	8.05	8.44	8.84	9.25	9.67	10.12	10.60	11.11	11.66	12.26	12.52
38.0		9.22	9.65	10.10	10.57	11.06	11.59	12.15	12.76	13.42	13.70
43.0		10.01	10.46	10.93	11.43	11.95	12.51	13.10	13.75		
46.0			11.01	11.49	11.99	12.53	13.10				
49.0											

Ambient °C	Mass Flow, g/s										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	27.00	34.60	43.50	54.00	66.60	81.60	99.30	120.00	144.00	172.00	184.50
32.0	26.60	34.10	42.90	53.20	65.60	80.30	97.70	118.00	142.00	169.50	182.00
38.0		33.40	41.90	52.00	64.10	78.40	95.50	115.50	139.00	166.00	178.00
43.0		32.60	40.90	50.70	62.50	76.60	93.30	113.00	136.00		
46.0			40.20	49.90	61.50	75.40	91.90				
49.0											

**CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	ZX075E/60 W
Number of Fans	2
Total Fan Power Input, W	246
Depth/Width, mm	1035/447
Height, mm	1244
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	121
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m <sup>3</sup> /s	1.64
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	7/8
Sound Pressure @ 10m (LT), dBA	41
Sound Pressure @ 10m (MT), dBA	41
Sound Conditions (LT, Temperatures: Evap./Cond./Suction at freq./speed)	-35.0/40.0/20.0 °C at 50 Hz
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz

**CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)**

Compressor Maximum Operating Current, A	14.6
Compressor Locked Rotor Current, A	101

**ACCESSORIES INCLUDED**

Crankcase Heater	70 W External
Oil separator	ALCO OSH-404
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
Control circuit fuse	S7-904-5355-0
HP Switch	ALCO PS3 WDS (Automatic reset)
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus
Vapour Injection	Expansion Valve
Circuit breaker, over current relay	20 A
Suction Accumulator	ALCO A12-507

50 Hz

ZXLE-075E-TFD

R404A Dew Point

**ACCESSORIES OPTIONAL**

LP Adjustable Pressure Switch

Alco PS1-A3A

**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>
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00