



Minimum Evaporating Temp. With:

- 25 °C Suction Gas Return      — 0 °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										
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	1.44	1.88	2.40	2.99	3.66	4.39	5.17	5.99	6.84	7.72	8.08
32.0	1.37	1.80	2.30	2.87	3.51	4.20	4.93	5.71	6.51	7.33	7.66
38.0		1.68	2.16	2.70	3.29	3.93	4.61	5.33	6.06	6.81	7.11
43.0		1.57	2.02	2.53	3.09	3.69	4.32	4.98	5.65	6.34	
46.0			1.94	2.42	2.95	3.53	4.13	4.75			
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	1.43	1.52	1.61	1.70	1.78	1.84	1.92	1.98	2.05	2.11	2.13
32.0	1.58	1.68	1.78	1.88	1.97	2.06	2.14	2.21	2.28	2.35	2.38
38.0		1.92	2.03	2.14	2.24	2.34	2.43	2.52	2.60	2.68	2.71
43.0		2.14	2.27	2.39	2.51	2.62	2.72	2.81	2.90	2.99	
46.0			2.43	2.56	2.68	2.80	2.90	3.00			
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	2.87	2.97	3.06	3.15	3.25	3.33	3.42	3.50	3.58	3.65	3.68
32.0	3.03	3.15	3.26	3.38	3.48	3.59	3.69	3.79	3.88	3.97	4.00
38.0		3.42	3.56	3.70	3.83	3.96	4.08	4.20	4.31	4.41	4.45
43.0		3.71	3.87	4.03	4.18	4.33	4.47	4.60	4.73	4.84	
46.0			4.09	4.26	4.42	4.58	4.73	4.87			
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	7.48	9.97	12.90	16.40	20.60	25.50	31.50	38.40	46.50	55.90	60.10
32.0	7.26	9.74	12.65	16.10	20.20	25.20	31.00	37.90	45.90	55.30	59.40
38.0		9.36	12.20	15.60	19.65	24.50	30.20	37.00	45.00	54.20	58.30
43.0		8.96	11.75	15.05	19.00	23.80	29.40	36.10	44.00	53.10	
46.0			11.40	14.65	18.60	23.30	28.90	35.50			
49.0											

**CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	ZX020E/60 W
Number of Fans	1
Total Fan Power Input, W	116
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	79
Receiver Capacity, l	4.1
Liquid Line, inch	1/2
Air Flow, m <sup>3</sup> /s	0.81
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	3/4
Sound Pressure @ 10m (LT), dBA	37
Sound Pressure @ 10m (MT), dBA	37
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	5.7
Compressor Locked Rotor Current, A	39.2

**ACCESSORIES INCLUDED**

Crankcase Heater	70 W External
Oil separator	ALCO OSH-404
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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	10 A
Suction Accumulator	ALCO A09-507

50 Hz

ZXLE-020E-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