



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	4.72	5.88	7.16	8.58	10.15	11.85	13.65	15.65	17.70	19.85	20.70
32.0	4.55	5.64	6.83	8.14	9.58	11.15	12.80	14.55	16.45	18.40	19.15
38.0		5.27	6.33	7.49	8.74	10.10	11.55	13.10			
43.0			5.81		7.93	9.12					
46.0											
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	3.81	4.14	4.46	4.77	5.09	5.44	5.81	6.23	6.72	7.28	7.54
32.0	4.22	4.56	4.89	5.22	5.57	5.94	6.35	6.81	7.34	7.96	8.23
38.0		5.16	5.50	5.85	6.22	6.63	7.08	7.58			
43.0			6.11		6.85	7.28					
46.0											
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	6.05	6.61	7.14	7.63	8.12	8.63	9.19	9.82	10.55	11.42	11.82
32.0	6.74	7.29	7.80	8.31	8.83	9.38	9.98	10.67	11.47	12.42	12.85
38.0		8.23	8.74	9.26	9.80	10.38	11.04	11.79			
43.0			9.66		10.72	11.33					
46.0											
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	24.40	31.30	39.20	48.70	59.90	73.20	88.90	107.50	128.50	153.50	164.00
32.0	24.00	30.80	38.60	47.80	58.80	71.90	87.30	105.50	126.50	150.50	161.50
38.0		30.00	37.60	46.60	57.20	70.00	85.00	102.50			
43.0			36.60		55.70	68.10					
46.0											
49.0											

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZXL_2F/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	116
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m ³ /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	13.7
Compressor Locked Rotor Current, A	74

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-060E-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