

50Hz

ZXLE040E-TFD

R404A Dew Point

Suction Return Temperature 20,0°C

Evaporating Temperature °C

AMB °C	Capacity kW								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	3,30	4,10	5,04	6,11	7,31	8,63	10,05	11,55	13,10
32	3,19	3,96	4,86	5,88	7,01	8,24	9,56	10,95	12,40
38	3,06	3,79	4,63	5,57	6,61	7,74	8,93	10,20	11,50
43	2,98	3,66	4,44	5,31	6,26	7,29	8,37		
46	2,94	3,59							
49									
	Total Power Input kW								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	2,57	2,72	2,89	3,08	3,29	3,51	3,74	3,96	4,19
32	2,84	2,99	3,18	3,38	3,61	3,85	4,11	4,37	4,63
38	3,22	3,38	3,59	3,82	4,08	4,36	4,65	4,96	5,28
43	3,62	3,80	4,02	4,28	4,57	4,89	5,23		
46	3,91	4,10							
49									
	Compressor Current 400V, A								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	4,49	4,67	4,90	5,16	5,45	5,76	6,09	6,41	6,74
32	4,86	5,05	5,29	5,58	5,90	6,25	6,63	7,01	7,40
38	5,38	5,59	5,87	6,20	6,58	6,99	7,44	7,90	8,38
43	5,94	6,18	6,49	6,87	7,30	7,78	8,30		
46	6,35	6,61							
49									
	Mass Flow g/s								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	17,20	21,90	27,60	34,50	42,70	52,60	64,20	78,00	93,50
32	17,00	21,70	27,30	34,10	42,30	52,00	63,50	77,00	92,50
38	17,00	21,50	27,00	33,60	41,50	51,00	62,30	75,50	91,00
43	16,80	21,20	26,50	32,90	40,60	49,90	60,80		
46	16,70	20,90							
49									

50Hz

ZXLE040E-TFD

R404A Dew Point

Copeland Scroll - Condensing Unit - Outdoor - ZX

Compressor ZXI14KCE-TFD

CONDENSING UNIT MECHANICAL DATA

Condenser/Fan Type ZX040E/60 W
 Number of Fans 1
 Total Fan Power Input, Watts 116
 Depth/Width, mm 424/1029
 Height, mm 840
 Net Weight, kg 93
 Receiver Capacity, l 4.4
 Liquid Line, inch 1/2
 Air Flow, cu.m/sec 0.81
 High Side PS, bar(g) 28.8
 Low Side PS, bar(g) 21
 Suction Type Cu Tube
 Suction Diameter, inch 7/8
 Base mounting (hole dia), mm 580 x 388 (12)
 Sound Pressure @ 10m, dBA 40

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

Compressor Maximum Operating Current, A 9.2
 Compressor Locked Rotor Current, A 51.5

ACCESSORIES INCLUDED

Crankcase Heater 70 W External
 Liquid sight glass ALCO MIA 012
 Compressor contactor 18 A
 Control circuit fuse S7-904-5355-0
 LP Switch ALCO PS1 W3A
 HP Switch ALCO PS3 WDS (Automatic reset)
 Filter Drier ALCO ADK Plus
 Vapour Injection Expansion Valve
 LP Adjustable Pressure Switch Alco PS1-A3A
 Circuit breaker, over current relay 10 A

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1,00