

50Hz

ZXDE-060E-TFD

R404A Dew Point

Suction Return Temperature 20,0°C

Evaporating Temperature °C

AMB °C	Capacity kW							
	-20	-15	-10	-5	0	5	7	10
27	7,95	9,49	11,20	13,10	15,15	17,35	18,25	19,65
32	7,42	8,86	10,45	12,20	14,05	16,05	16,90	18,20
38	6,78	8,06	9,47	11,00	12,65	14,45	15,20	16,35
43	6,22	7,36	8,61	9,97	11,45	13,05	13,70	14,70
46	5,88	6,92	8,07	9,32	10,70			
49		6,46	7,51					
	Total Power Input kW							
	-20	-15	-10	-5	0	5	7	10
27	4,00	4,26	4,53	4,81	5,09	5,37	5,48	5,65
32	4,31	4,60	4,88	5,18	5,48	5,77	5,89	6,07
38	4,74	5,04	5,35	5,66	5,98	6,29	6,42	6,60
43	5,16	5,47	5,79	6,11	6,44	6,77	6,89	7,09
46	5,43	5,75	6,08	6,41	6,74			
49		6,06	6,39					
	Compressor Current 400V, A							
	-20	-15	-10	-5	0	5	7	10
27	7,45	7,73	8,02	8,32	8,64	8,97	9,11	9,33
32	7,80	8,13	8,46	8,79	9,13	9,48	9,63	9,85
38	8,28	8,66	9,04	9,41	9,78	10,15	10,30	10,54
43	8,74	9,16	9,58	9,98	10,37	10,77	10,93	11,17
46	9,03	9,49	9,93	10,35	10,76			
49		9,84	10,30					
	Mass Flow g/s							
	-20	-15	-10	-5	0	5	7	10
27	57,80	70,70	86,00	104,00	124,50	149,00	160,00	178,00
32	57,30	70,10	85,00	103,00	123,50	147,50	159,00	176,00
38	56,70	69,20	84,00	101,00	121,50	145,50	156,00	174,00
43	56,20	68,40	82,50	99,50	119,50	143,50	154,00	172,00
46	55,80	67,80	82,00	98,50	118,00			
49		67,10	81,00					

50Hz

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R404A Dew Point

Copeland Scroll - Condensing Unit - Outdoor - ZX Digital

Compressor ZBD45KQE-TFD

CONDENSING UNIT MECHANICAL DATA

Condenser/Fan Type ZXM_2F/60 W
 Number of Fans 2
 Total Fan Power Input, Watts 246
 Depth/Width, mm 424/1029
 Height, mm 1242
 Net Weight, kg 112
 Receiver Capacity, l 6.3
 Liquid Line, inch 1/2
 Air Flow, cu.m/sec 1.64
 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 41

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

Compressor Maximum Operating Current, A 11.4
 Compressor Locked Rotor Current, A 74

ACCESSORIES INCLUDED

Crankcase Heater 70 W External
 Liquid Injection DTC Valve
 Liquid sight glass ALCO MIA 012
 Compressor contactor 12 A
 Control circuit fuse S7-904-5355-0
 LP Switch ALCO PS1 W3A
 HP Switch ALCO PS3 WDS (Automatic reset)
 Electronic controller XC645
 Filter Drier ALCO ADK Plus
 LP Adjustable Pressure Switch Alco PS1-A3A
 Circuit breaker, over current relay 20 A

MOTOR OPTIONS

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