

50Hz
ZXDE-050E-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	6,81	8,16	9,67	11,35	13,20	15,15	16,00	17,30
32	6,36	7,62	9,03	10,60	12,25	14,10	14,85	16,05
38	5,82	6,96	8,21	9,60	11,10	12,75	13,40	14,50
43	5,36	6,37	7,50	8,74	10,10	11,55	12,15	13,10
46	5,07	6,01	7,05	8,19	9,45	10,80	11,40	12,25
49	4,77	5,63	6,58	7,63	8,78			
	Total Power Input kW							
	-20	-15	-10	-5	0	5	7	10
27	3,32	3,53	3,74	3,95	4,16	4,36	4,45	4,57
32	3,58	3,80	4,02	4,25	4,47	4,70	4,78	4,91
38	3,93	4,16	4,40	4,64	4,89	5,12	5,22	5,35
43	4,26	4,51	4,76	5,01	5,26	5,51	5,61	5,75
46	4,49	4,74	4,99	5,25	5,51	5,76	5,86	6,01
49	4,73	4,99	5,25	5,51	5,77			
	Compressor Current 400V, A							
	-20	-15	-10	-5	0	5	7	10
27	6,29	6,51	6,73	6,96	7,19	7,45	7,55	7,71
32	6,58	6,84	7,09	7,34	7,60	7,87	7,98	8,15
38	6,99	7,29	7,58	7,86	8,14	8,43	8,55	8,73
43	7,37	7,70	8,03	8,34	8,65	8,95	9,07	9,26
46	7,61	7,98	8,32	8,65	8,97	9,29	9,41	9,60
49	7,88	8,27	8,63	8,98	9,31			
	Mass Flow g/s							
	-20	-15	-10	-5	0	5	7	10
27	48,70	59,60	72,50	87,50	105,00	126,00	135,00	150,00
32	48,30	59,10	71,90	87,00	104,50	125,00	134,00	149,00
38	47,80	58,40	70,90	85,50	103,00	123,00	132,50	147,50
43	47,30	57,70	69,90	84,50	101,50	121,50	131,00	146,00
46	47,10	57,20	69,20	83,50	100,00	120,50	129,50	145,00
49	46,80	56,70	68,40	82,50	99,00			

50Hz**ZXDE-050E-TFD****R404A Dew Point****Copeland Scroll - Condensing Unit - Outdoor - ZX Digital**

Compressor ZBD38KQE-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	108
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	11.3
Compressor Locked Rotor Current, A	64

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

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