

50Hz
ZXDE-040E-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	5,66	6,82	8,12	9,59	11,25	13,05	13,85	15,05
32	5,29	6,37	7,58	8,94	10,45	12,15	12,85	14,00
38	4,83	5,80	6,89	8,11	9,48	11,00	11,65	12,70
43	4,42	5,29	6,28	7,38	8,62	10,00	10,60	11,55
46	4,16	4,98	5,89	6,92	8,08	9,38	9,95	10,85
49	3,89	4,65	5,50	6,45	7,53	8,75	9,27	10,10
	Total Power Input kW							
	-20	-15	-10	-5	0	5	7	10
27	2,52	2,63	2,72	2,80	2,90	3,02	3,07	3,17
32	2,73	2,86	2,96	3,06	3,16	3,28	3,33	3,43
38	3,04	3,19	3,32	3,43	3,54	3,66	3,71	3,80
43	3,37	3,55	3,69	3,81	3,92	4,05	4,10	4,19
46	3,61	3,80	3,95	4,08	4,20	4,32	4,37	4,46
49	3,88	4,09	4,25	4,39	4,51	4,63	4,68	4,76
	Compressor Current 400V, A							
	-20	-15	-10	-5	0	5	7	10
27	4,46	4,58	4,68	4,79	4,92	5,09	5,18	5,32
32	4,73	4,89	5,02	5,14	5,27	5,44	5,52	5,67
38	5,14	5,35	5,52	5,66	5,81	5,98	6,06	6,19
43	5,59	5,84	6,04	6,21	6,37	6,54	6,62	6,75
46	5,91	6,20	6,42	6,60	6,76	6,94	7,01	7,14
49	6,29	6,60	6,84	7,04	7,21	7,39	7,46	7,59
	Mass Flow g/s							
	-20	-15	-10	-5	0	5	7	10
27	39,50	48,30	58,70	70,90	85,00	102,00	110,00	122,50
32	39,00	47,80	58,00	70,10	84,50	101,00	109,00	121,50
38	38,40	47,00	57,00	68,80	83,00	99,50	107,00	119,50
43	37,70	46,10	55,90	67,50	81,50	98,00	105,50	118,00
46	37,20	45,40	55,10	66,50	80,00	97,00	104,50	117,00
49	36,60	44,70	54,20	65,50	79,00	95,50	103,50	116,00

50Hz**ZXDE-040E-TFD****R404A Dew Point****Copeland Scroll - Condensing Unit - Outdoor - ZX Digital**

Compressor ZBD29KQE-TFD

CONDENSING UNIT MECHANICAL DATA

Condenser/Fan Type	ZX075E/60 W
Number of Fans	2
Total Fan Power Input, Watts	246
Depth/Width, mm	424/1029
Height, mm	1242
Net Weight, kg	104
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	40

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

Compressor Maximum Operating Current, A	7.9
Compressor Locked Rotor Current, A	48

ACCESSORIES INCLUDED

Crankcase Heater	70 W External
Liquid Injection	DTC Valve
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)
Electronic controller	XC645
Filter Drier	ALCO ADK Plus
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