

50Hz
ZXME050E-TFD
R404A Dew Point

Suction Return Temperature 20,0°C

Evaporating Temperature °C

AMB °C	Capacity kW						
	-20	-15	-10	-5	0	5	7
27	6,88	8,28	9,83	11,55	13,45	15,50	16,35
32	6,39	7,68	9,12	10,70	12,45	14,35	15,15
38	5,76	6,92	8,22	9,64	11,20	12,90	13,65
43	5,20	6,25	7,42	8,71	10,15	11,70	12,35
46	4,85	5,83	6,93	8,13	9,46	10,90	11,55
49	4,48	5,40	6,42	7,54			
	Total Power Input kW						
	-20	-15	-10	-5	0	5	7
27	3,56	3,65	3,74	3,85	3,96	4,07	4,12
32	3,96	4,06	4,15	4,26	4,37	4,49	4,54
38	4,52	4,62	4,72	4,82	4,93	5,05	5,10
43	5,05	5,15	5,25	5,35	5,46	5,57	5,62
46	5,40	5,50	5,60	5,70	5,81	5,91	5,96
49	5,78	5,87	5,97	6,07			
	Compressor Current 400V, A						
	-20	-15	-10	-5	0	5	7
27	5,88	5,97	6,07	6,18	6,30	6,43	6,48
32	6,28	6,39	6,50	6,62	6,74	6,87	6,92
38	6,87	6,99	7,11	7,23	7,36	7,49	7,54
43	7,46	7,58	7,71	7,83	7,96	8,09	8,15
46	7,86	7,99	8,11	8,24	8,36	8,49	8,55
49	8,30	8,43	8,55	8,68			
	Mass Flow g/s						
	-20	-15	-10	-5	0	5	7
27	49,40	60,60	73,80	89,50	107,50	128,50	138,00
32	48,60	59,80	72,80	88,00	106,00	127,00	136,50
38	47,50	58,40	71,20	86,00	104,00	125,00	134,50
43	46,30	57,00	69,60	84,50	102,00	123,50	133,00
46	45,40	56,00	68,50	83,50	101,00	122,50	132,00
49	44,40	54,90	67,30	82,00			

50Hz
ZXME050E-TFD
R404A Dew Point
Copeland Scroll - Condensing Unit - Outdoor - ZX

Compressor ZX38KCE-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	12.8
Compressor Locked Rotor Current, A	65.5

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)
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