

**50Hz**

**ZXDE-075E-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	8,98	10,75	12,70	14,85	17,20	19,70	20,70	22,30
32	8,39	10,00	11,85	13,80	15,95	18,25	19,20	20,70
38	7,67	9,12	10,75	12,50	14,40	16,45	17,30	18,60
43	7,04	8,34	9,77	11,35	13,05	14,85	15,60	16,80
46	6,65	7,85	9,16	10,60	12,15	13,85		
49		7,34	8,54					
	Total Power Input kW							
	-20	-15	-10	-5	0	5	7	10
27	4,35	4,63	4,93	5,22	5,52	5,83	5,95	6,12
32	4,69	5,00	5,31	5,62	5,94	6,26	6,39	6,58
38	5,16	5,48	5,81	6,15	6,49	6,83	6,96	7,16
43	5,61	5,94	6,29	6,64	6,99	7,34	7,48	7,69
46	5,91	6,25	6,60	6,96	7,32	7,68		
49		6,58	6,94					
	Compressor Current 400V, A							
	-20	-15	-10	-5	0	5	7	10
27	8,76	9,09	9,42	9,77	10,13	10,52	10,68	10,93
32	9,18	9,56	9,93	10,31	10,71	11,11	11,28	11,54
38	9,75	10,19	10,62	11,04	11,47	11,91	12,08	12,35
43	10,28	10,77	11,25	11,71	12,17	12,63	12,81	13,09
46	10,63	11,16	11,66	12,15	12,63	13,10		
49		11,56	12,10					
	Mass Flow g/s							
	-20	-15	-10	-5	0	5	7	10
27	65,00	79,50	97,00	117,00	140,50	168,00	180,00	200,00
32	64,50	79,00	96,00	116,00	139,00	166,00	179,00	199,00
38	63,80	78,00	94,50	114,00	137,00	164,00	176,00	197,00
43	63,20	77,00	93,00	112,00	135,00	162,00	174,00	194,00
46	62,80	76,50	92,00	111,00	133,50	160,00		
49		75,50	91,00					

**50Hz**

**ZXDE-075E-TFD**

**R404A Dew Point**

**Copeland Scroll - Condensing Unit - Outdoor - ZX Digital**

Compressor ZBD48KQE-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 118  
 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 42

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

Compressor Maximum Operating Current, A 14  
 Compressor Locked Rotor Current, A 100

**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