

**50Hz**

**ZXLE025E-PFJ**

**R404A Dew Point**

Suction Return Temperature 20,0°C

**Evaporating Temperature °C**

AMB °C	Capacity kW								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	1,82	2,26	2,80	3,44	4,18	5,02	5,93	6,93	8,01
32	1,79	2,21	2,72	3,33	4,03	4,81	5,68	6,62	7,62
38	1,83	2,20	2,67	3,22	3,86	4,57	5,35	6,20	7,10
43	1,82	2,15	2,57	3,07	3,64	4,28	4,99	5,75	6,56
46	1,76	2,07	2,46	2,92	3,45	4,05	4,70	5,41	6,16
49	1,63					3,75	4,35		
	Total Power Input kW								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	1,55	1,65	1,74	1,82	1,90	1,97	2,04	2,10	2,16
32	1,77	1,87	1,96	2,05	2,13	2,20	2,27	2,34	2,41
38	2,04	2,15	2,25	2,34	2,43	2,52	2,60	2,69	2,77
43	2,30	2,42	2,53	2,63	2,74	2,84	2,94	3,04	3,14
46	2,47	2,60	2,72	2,84	2,95	3,06	3,17	3,28	3,40
49	2,66					3,31	3,43		
	Compressor Current 230V, A								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	7,36	7,67	7,98	8,26	8,51	8,74	8,95	9,12	9,27
32	8,07	8,37	8,66	8,94	9,20	9,44	9,67	9,87	10,07
38	8,95	9,26	9,57	9,87	10,16	10,45	10,73	11,00	11,27
43	9,78	10,11	10,46	10,80	11,14	11,48	11,82	12,16	12,51
46	10,33	10,69	11,06	11,44	11,81	12,19	12,58	12,96	13,36
49	10,93					12,98	13,41		
	Mass Flow g/s								
	-40	-35	-30	-25	-20	-15	-10	-5	0
27	8,50	11,40	14,70	18,70	23,40	29,10	35,80	43,80	53,10
32	8,40	11,40	14,80	18,80	23,40	29,00	35,60	43,40	52,50
38	8,10	11,10	14,40	18,30	22,90	28,20	34,60	42,20	51,00
43	7,80	10,70	14,00	17,70	22,10	27,30	33,50	40,80	49,30
46	7,80	10,60	13,70	17,40	21,60	26,70	32,70	39,80	48,20
49	7,90					26,10	32,00		

Preliminary Data

**50Hz**

**ZXLE025E-PFJ**

**R404A Dew Point**

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

Compressor ZXI08KCE-PFJ

**CONDENSING UNIT MECHANICAL DATA**

Condenser/Fan Type ZX030E/60 W  
 Number of Fans 1  
 Total Fan Power Input, Watts 116  
 Depth/Width, mm 424/1029  
 Height, mm 840  
 Net Weight, kg 79  
 Receiver Capacity, l 4.4  
 Liquid Line, inch 1/2  
 Air Flow, cu.m/sec 0.81  
 High Side PS, bar(g) 28.8  
 Low Side PS, bar(g) 21  
 Suction Type Cu Tube  
 Suction Diameter, inch 3/4  
 Base mounting (hole dia), mm 580 x 388 (12)  
 Sound Pressure @ 10m, dBA 39

**CONDENSING UNIT ELECTRICAL DATA (220/240V - 1~ - 50Hz)**

Compressor Maximum Operating Current, A 15.6  
 Compressor Locked Rotor Current, A 73.7

**ACCESSORIES INCLUDED**

Crankcase Heater 70 W External  
 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)  
 Filter Drier ALCO ADK Plus  
 Vapour Injection Expansion Valve  
 LP Adjustable Pressure Switch Alco PS1-A3A  
 Circuit breaker, over current relay 10 A

**MOTOR OPTIONS**

<b>Power Supply</b>	<b>Nominal Voltage</b>	<b>Motor Code</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
220-240 V/1~/50H	230	PFJ		PSC	1,00