

RATING CONDITIONS

11.1 K Superheat
 8.3 K Subcooling
 35 C Ambient Air Over

50 Hz Operation

AIR CONDITIONING

ZR125KCE-TFD

HFC-407C - Dew Pt
 COPELAND SCROLL®
 TFD 380/420-3-50

Evaporating Temperature C (Sat Dew Pt Pressure, bar)

		-20(2.2)	-15(2.6)	-10(3.2)	-5(3.9)	0(4.6)	5(5.5)	7(5.8)	10(6.4)	12.5(7)
Condensing Temperature C (Sat Dew Pt Pressure, bar)	65 (28) C						23100	25100	28500	31500
	P						11550	11550	11550	11550
	A						19.55	19.55	19.55	19.6
	M						165	179	200	219
	E						2	2.2	2.5	2.7
	%						61.1	63.1	66	68.1
	60 (25) C					20400	25300	27500	31000	34100
	P					10200	10200	10250	10250	10250
	A					17.65	17.7	17.7	17.75	17.75
	M					139.5	170	183	204	223
	E					2	2.5	2.7	3	3.3
	%					60.5	65.8	67.7	70.1	71.8
55 (22) C				17800	22300	27400	29700	33300	36600	
P				9010	9040	9070	9070	9080	9100	
A				16.05	16.1	16.15	16.15	16.15	16.2	
M				117	143.5	174	187	208	227	
E				2	2.5	3	3.3	3.7	4	
%				59.6	65.2	69.9	71.5	73.4	74.5	
50 (20) C			15350	19400	24000	29400	31800	35500	38900	
P			7960	8000	8030	8050	8060	8080	8110	
A			14.7	14.75	14.8	14.8	14.8	14.85	14.9	
M			97	120.5	147	177	190	211	229	
E			1.9	2.4	3	3.6	3.9	4.4	4.8	
%			58.2	64.2	69.2	73	74.1	75.2	75.6	
45 (18) C		13050	16650	20800	25700	31200	33700	37600	41100	
P		7030	7090	7120	7150	7180	7190	7230	7260	
A		13.5	13.6	13.65	13.65	13.7	13.7	13.75	13.8	
M		80	100	123	149	179	192	212	231	
E		1.9	2.4	2.9	3.6	4.3	4.7	5.2	5.7	
%		56.3	62.6	67.9	72.1	74.7	75.2	75.3	74.7	
40 (15) C	10950	14150	17850	22200	27100	32900	35400	39500	43100	
P	6200	6280	6320	6350	6380	6430	6450	6500	6550	
A	12.5	12.6	12.65	12.7	12.75	12.8	12.8	12.85	12.95	
M	65.1	82.5	102.5	125	151	180	193	213	231	
E	1.8	2.3	2.8	3.5	4.3	5.1	5.5	6.1	6.6	
%	54	60.5	66	70.5	73.5	74.5	74.2	73	71.2	
35 (13) C	11900	15150	18950	23400	28500	34400	37000	41200	44900	
P	5550	5610	5650	5680	5720	5790	5830	5900	5970	
A	11.8	11.85	11.9	11.95	12	12.05	12.1	12.15	12.25	
M	67.3	84.5	104	126	151	180	193	213	231	
E	2.1	2.7	3.4	4.1	5	5.9	6.3	7	7.5	
%	58	63.7	68.4	71.7	73	72	70.8	68	64.8	
30 (12) C	12700	16000	19900	24400	29700	35800	38400	42700	46600	
P	4970	5020	5050	5100	5160	5260	5320	5410	5510	
A	11.2	11.2	11.25	11.3	11.4	11.5	11.55	11.65	11.75	
M	69	85.5	104.5	126.5	152	180	193	213	231	
E	2.6	3.2	3.9	4.8	5.8	6.8	7.2	7.9	8.5	
%	61.1	65.9	69.4	71	70.4	66.8	64.5	60	55.2	
27 (11) C	13150	16500	20400	25000	30300	36500	39200	43600	47500	
P	4650	4690	4730	4790	4870	4990	5060	5170	5280	
A	10.85	10.9	10.95	11	11.1	11.2	11.25	11.4	11.5	
M	69.6	86	105	126.5	151	180	192	212	230	
E	2.8	3.5	4.3	5.2	6.2	7.3	7.8	8.4	9	
%	62.5	66.7	69.2	69.7	67.6	62.3	59.3	53.6	48	

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 400 V

C:Capacity(Watts), P:Power(W), A:Current(Amps), M:Mass Flow(g/s), E:COP(W/W), %:Isentropic Efficiency(%)