

Rating Conditions

20 °F Superheat
 15 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

AIR CONDITIONING

ZR32K5E-TFD

HCFC-22
 COPELAND SCROLL®
 TFD 460-3-60

Condensing Temperature °F
 (Sat. Dew Pt. Pressure, psig) Evaporating Temperature °F (Sat. Dew Pt. Pressure, psig)

	-10.0 (17)	0.0 (24)	10.0 (33)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
150.0 (382)						24,100	27,300	30,700	34,200
C						3,740	3,720	3,700	3,670
P						5.4	5.3	5.3	5.3
A						396	445	497	550
M						6.5	7.4	8.3	9.3
E						56.0	59.7	62.9	65.7
%									
140.0 (337)					20,700	26,700	30,000	33,500	37,100
C					3,340	3,310	3,290	3,270	3,250
P					4.9	4.8	4.8	4.8	4.8
A					326	416	464	514	565
M					6.2	8.1	9.1	10.3	11.4
E					53.9	61.2	64.3	66.9	69.1
%									
130.0 (297)				17,500	23,000	29,200	32,600	36,100	39,800
C				2,970	2,950	2,920	2,910	2,890	2,880
P				4.4	4.4	4.4	4.4	4.4	4.3
A				267	346	433	479	527	577
M				5.9	7.8	10.0	11.2	12.5	13.9
E				51.5	59.4	65.6	68.0	69.8	71.2
%									
120.0 (260)			14,650	19,600	25,200	31,500	34,900	38,500	42,300
C			2,640	2,620	2,600	2,590	2,580	2,560	2,550
P			4.0	4.0	4.0	4.0	4.0	4.0	3.9
A			216	285	361	446	490	537	586
M			5.6	7.5	9.7	12.2	13.6	15.1	16.6
E			48.8	57.3	64.0	68.7	70.3	71.2	71.6
%									
110.0 (226)		12,050	16,450	21,500	27,200	33,600	37,100	40,700	44,500
C		2,350	2,330	2,310	2,300	2,290	2,280	2,270	2,260
P		3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
A		172	232	299	373	455	498	544	591
M		5.1	7.1	9.3	11.8	14.7	16.3	17.9	19.7
E		45.6	54.7	62.0	67.3	70.2	70.7	70.6	69.8
%									
100.0 (196)	9,700	13,550	18,050	23,200	29,000	35,500	39,000	42,600	46,500
C	2,100	2,070	2,050	2,040	2,040	2,030	2,030	2,020	2,010
P	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
A	135	186	244	309	381	461	503	547	593
M	4.6	6.6	8.8	11.4	14.2	17.5	19.2	21.1	23.2
E	41.7	51.3	59.4	65.3	68.7	69.5	68.8	67.4	65.2
%									
90.0 (168)	10,900	14,800	19,400	24,600	30,500	37,000	40,600	44,300	48,200
C	1,845	1,820	1,810	1,810	1,810	1,810	1,810	1,805	1,800
P	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1
A	146	195	252	315	385	463	504	547	592
M	5.9	8.2	10.7	13.6	16.8	20.5	22.5	24.6	26.8
E	47.1	55.8	62.4	66.6	67.9	66.1	64.0	61.1	57.3
%									
80.0 (144)	11,900	15,850	20,500	25,700	31,700	38,300	41,800	45,600	49,500
C	1,620	1,605	1,605	1,610	1,615	1,620	1,625	1,620	1,620
P	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.9	2.9
A	153	201	256	318	386	461	502	543	587
M	7.4	9.9	12.8	16.0	19.6	23.6	25.8	28.1	30.6
E	51.1	58.5	63.5	65.5	64.3	59.6	55.9	51.2	45.6
%									

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 460 V