

Rating Conditions

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

60 Hz Operation

**AIR
CONDITIONING**

ZR250KCE-TED

HCFC-22

COPELAND SCROLL®

TED 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)	50.0 (84)	60.0 (102)	68.0 (117)
150.0 (382)	C						197,000	243,000	296,000	
	P						26,900	27,200	27,600	
	A						37.1	37.5	37.9	
	M						3,247	3,938	4,730	
	E						7.3	8.9	10.7	
	%						63.8	67.7	70.3	
140.0 (337)	C					171,000	212,000	260,000	315,000	366,000
	P					23,800	24,100	24,400	24,800	25,100
	A					33.1	33.5	33.9	34.3	34.7
	M					2,708	3,307	3,988	4,772	5,487
	E					7.2	8.8	10.7	12.7	14.6
	%					62.8	66.9	69.7	71.0	71.0
125.0 (278)	C				152,000	190,000	233,000	283,000	342,000	397,000
	P				19,800	20,100	20,400	20,800	21,200	21,600
	A				28.1	28.5	28.9	29.4	29.9	30.4
	M				2,267	2,783	3,367	4,041	4,822	5,537
	E				7.7	9.4	11.4	13.6	16.1	18.4
	%				63.0	67.0	69.4	70.3	69.3	67.2
115.0 (243)	C			129,000	162,000	201,000	246,000	298,000	360,000	417,000
	P			17,400	17,800	18,100	18,400	18,800	19,200	19,600
	A			25.2	25.6	26.0	26.4	26.9	27.5	28.1
	M			1,856	2,308	2,815	3,395	4,067	4,850	5,569
	E			7.4	9.1	11.1	13.3	15.9	18.7	21.2
	%			60.9	65.5	68.3	69.4	68.7	65.9	62.1
100.0 (196)	C	82,500	111,000	141,000	176,000	216,000	264,000	320,000	386,000	447,000
	P	14,200	14,500	14,800	15,100	15,500	15,900	16,300	16,700	17,100
	A	21.3	21.8	22.2	22.5	22.9	23.4	23.9	24.6	25.3
	M	1,146	1,517	1,911	2,349	2,847	3,426	4,103	4,894	5,620
	E	5.8	7.6	9.5	11.6	14.0	16.6	19.7	23.1	26.1
	%	52.3	59.8	64.4	67.0	67.6	66.3	62.8	56.7	49.8
90.0 (168)	C	90,000	118,000	149,000	185,000	226,000	276,000	334,000	403,000	
	P	12,700	13,000	13,300	13,700	14,000	14,400	14,800	15,300	
	A	19.7	20.1	20.4	20.8	21.2	21.7	22.3	23.1	
	M	1,202	1,554	1,936	2,367	2,864	3,446	4,127	4,926	
	E	7.1	9.1	11.2	13.5	16.2	19.2	22.6	26.4	
	%	56.4	62.2	65.3	66.3	65.2	61.9	56.1	47.4	
75.0 (132)	C	100,000	128,000	160,000	197,000	241,000	294,000			
	P	10,700	11,000	11,300	11,700	12,000	12,500			
	A	17.5	17.8	18.2	18.6	19.0	19.6			
	M	1,263	1,594	1,964	2,390	2,890	3,479			
	E	9.4	11.6	14.1	16.9	20.0	23.6			
	%	60.8	63.9	64.4	62.6	58.4	51.5			
65.0 (111)	C	106,000	134,000	167,000	205,000	251,000				
	P	9,450	9,800	10,100	10,500	10,900				
	A	16.2	16.5	16.9	17.3	17.8				
	M	1,294	1,616	1,981	2,408	2,911				
	E	11.2	13.7	16.5	19.6	23.2				
	%	62.8	63.8	62.2	58.2	51.4				
50.0 (84)	C	116,000	144,000	178,000	219,000					
	P	7,700	8,000	8,350	8,700					
	A	14.3	14.6	15.0	15.5					
	M	1,338	1,649	2,011	2,441					
	E	15.0	18.0	21.3	25.1					
	%	65.0	62.2	56.6	48.1					

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