

Rating Conditions

36 °F Superheat

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

**EXTRA LOW
TEMPERATURE****ZOD34K3E-TF5**

CO2 - R744

COPELAND SCROLL®

TF5 200/230-3-60

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

		-58.0 (84)	-52.0 (98)	-45.0 (117)	-39.0 (134)	-31.0 (160)	-26.0 (177)	-19.0 (204)	-13.0 (229)
41.0 (561)	C					24,400	28,000	33,600	38,800
	P					3,290	3,240	3,160	3,100
	A					8.5	8.4	8.2	8.0
	M					233	266	317	365
	E					7.4	8.6	10.6	12.5
	%					53.0	56.1	59.6	61.6
35.0 (513)	C					26,200	29,900	35,600	41,000
	P					2,970	2,920	2,850	2,790
	A					7.8	7.7	7.6	7.4
	M					241	274	325	374
	E					8.8	10.2	12.5	14.7
	%					56.0	58.6	61.2	62.2
28.0 (462)	C				22,600	28,200	32,000	38,000	43,600
	P				2,690	2,630	2,590	2,530	2,480
	A				7.2	7.1	7.1	7.0	6.8
	M				201	250	283	334	383
	E				8.4	10.7	12.4	15.0	17.6
	%				54.4	58.7	60.6	61.9	61.5
22.0 (420)	C			20,200	24,100	29,800	33,800	39,900	45,700
	P			2,470	2,430	2,380	2,340	2,290	2,250
	A			6.7	6.7	6.6	6.6	6.5	6.3
	M			176	209	257	290	342	390
	E			8.2	9.9	12.6	14.4	17.4	20.3
	%			53.3	56.8	60.2	61.2	61.1	59.1
14.0 (369)	C	14,600	17,900	22,000	26,000	32,000	36,200	42,500	48,500
	P	2,210	2,190	2,160	2,130	2,080	2,050	2,010	1,980
	A	6.4	6.2	6.1	6.1	6.1	6.1	6.0	5.8
	M	124	150	185	217	266	299	351	399
	E	6.6	8.1	10.2	12.2	15.4	17.6	21.1	24.5
	%	47.8	52.2	56.4	59.0	60.5	60.1	57.6	53.1
9.0 (340)	C	15,600	18,900	23,100	27,200	33,400	37,600	44,100	
	P	2,040	2,020	1,990	1,960	1,920	1,900	1,870	
	A	6.0	5.9	5.8	5.8	5.8	5.8	5.7	
	M	129	155	190	222	271	304	356	
	E	7.6	9.3	11.6	13.9	17.3	19.8	23.6	
	%	50.2	54.2	57.6	59.4	59.5	58.0	53.6	
2.0 (301)	C	16,900	20,200	24,700	28,900	35,200	39,600		
	P	1,830	1,810	1,780	1,760	1,720	1,710		
	A	5.6	5.5	5.5	5.5	5.5	5.5		
	M	136	162	196	229	277	311		
	E	9.2	11.2	13.8	16.4	20.4	23.2		
	%	53.0	56.0	58.2	58.5	56.2	52.9		
(4.0) (271)	C	18,000	21,400	25,900	30,200	36,700			
	P	1,660	1,650	1,620	1,600	1,580			
	A	5.4	5.3	5.3	5.3	5.3			
	M	141	167	201	234	282			
	E	10.8	13.0	16.0	18.9	23.3			
	%	54.5	56.6	57.3	56.1	51.4			

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 @ 230 V