Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

MEDIUM TEMPERATURE

Blue Area Restrictions: 20°F Max Superheat

ZB38KCE-TF5

HFC-404A

COPELAND SCROLL®

TF5 200/230-3-60

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

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

		-10.0 (24)	0.0 (33)	10.0 (43)	15.0 (49)	20.0 (55)	25.0 (62)	30.0 (69)	35.0 (77)	45.0 (94)
140.0 (402)	C					28,400	31,500	34,900	38,400	46,500
	P					6,850	6,850	6,850	6,850	6,800
	A					20.2	20.2	20.2	20.2	20.1
	M					740	830	925	1,030	1,290
	E					4.2	4.6	5.1	5.6	6.8
	%					55.6	58.0	60.3	62.5	66.2
130.0 (354)	C			26,600	29,600	32,800	36,300	40,000	44,000	53,000
	P			6,050	6,050	6,050	6,050	6,050	6,050	6,050
	A			18.2	18.2	18.2	18.2	18.2	18.2	18.2
	M			605	680	760	845	940	1,050	1,290
	E			4.4	4.9	5.4	6.0	6.6	7.3	8.8
	%			55.1	57.6	59.9	62.1	64.0	65.8	68.5
120.0 (310)	C		24,100	30,100	33,400	37,000	40,800	45,000	49,400	59,500
	P		5,350	5,350	5,350	5,350	5,350	5,350	5,350	5,350
	A		16.5	16.5	16.5	16.5	16.6	16.6	16.5	16.5
	M		493	620	695	775	860	960	1,060	1,310
	E		4.5	5.6	6.2	6.9	7.6	8.4	9.2	11.1
	%		54.5	59.6	61.9	64.0	65.8	67.4	68.7	70.4
110.0 (270)	C	21,300	26,800	33,300	37,000	40,900	45,200	49,700	54,500	65,500
	P	4,690	4,710	4,730	4,740	4,740	4,750	4,740	4,740	4,720
	A	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.0
	M	397	505	635	710	790	875	975	1,080	1,320
	E	4.5	5.7	7.0	7.8	8.6	9.5	10.5	11.5	13.9
	%	53.3	58.9	63.7	65.7	67.5	69.0	70.1	70.9	71.1
100.0 (235)	C	23,300	29,400	36,500	40,500	44,800	49,400	54,500	59,500	71,500
	P	4,130	4,160	4,180	4,190	4,190	4,190	4,190	4,190	4,160
	A	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.8
	M	405	515	645	720	800	890	985	1,090	1,330
	E	5.6	7.1	8.7	9.7	10.7	11.8	13.0	14.3	17.2
	%	57.5	62.8	67.1	68.8	70.1	71.1	71.6	71.7	70.2
80.0 (173)	C	27,100	34,100	42,400	47,100	52,000	57,500	63,000	69,500	83,000
	P	3,210	3,240	3,260	3,270	3,270	3,270	3,270	3,260	3,230
	A	11.8	11.8	11.9	11.9	12.0	12.0	12.0	12.0	11.9
	M	416	525	660	735	820	910	1,010	1,110	1,360
	E	8.5	10.5	13.0	14.4	15.9	17.5	19.3	21.3	25.7
	%	64.4	68.5	71.0	71.6	71.5	70.9	69.6	67.6	60.9
70.0 (147)	C	28,900	36,400	45,200	50,000	55,500	61,500	67,500	74,000	
	P	2,830	2,860	2,880	2,890	2,890	2,890	2,890	2,880	
	A	11.0	11.1	11.2	11.2	11.2	11.3	11.3	11.3	
	M	420	530	665	745	825	920	1,020	1,120	
	E	10.2	12.7	15.7	17.4	19.2	21.2	23.4	25.8	
	%	66.6	69.7	70.8	70.4	69.4	67.6	64.9	61.3	
50.0 (104)	C	32,400	40,800	51,000	56,500					
	P	2,200	2,230	2,250	2,250					
	A	10.0	10.1	10.2	10.2					
	M	426	540	680	755					
	E	14.7	18.3	22.6	25.0					
	%	67.3	67.1	63.7	60.6					

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 @ 230 V

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