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

ZB76K5E-TFC

HFC-404A

COPELAND SCROLL®

TFC 208/230-3-60

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

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

		-10.0 (24)	-5.0 (28)	5.0 (38)	10.0 (43)	20.0 (55)	25.0 (62)	30.0 (69)	40.0 (85)	45.0 (94)
140.0 (402)	C				51,400	62,000	68,000	74,600	89,700	98,300
	P				13,050	13,350	13,450	13,550	13,750	13,800
	A				38.3	39.1	39.4	39.6	40.1	40.2
	M				1,315	1,613	1,787	1,982	2,445	2,721
	E				4.0	4.7	5.1	5.5	6.5	7.1
	%				59.3	62.2	63.6	65.0	67.7	69.0
130.0 (354)	C			52,300	57,800	70,200	77,200	84,800	102,000	112,000
	P			11,600	11,800	12,050	12,150	12,250	12,400	12,450
	A			34.8	35.2	35.8	36.1	36.3	36.6	36.8
	M			1,183	1,316	1,622	1,799	1,996	2,459	2,732
	E			4.5	4.9	5.8	6.4	6.9	8.3	9.0
	%			60.0	61.6	64.5	65.9	67.1	69.3	70.1
115.0 (290)	C	43,300	48,700	60,700	67,300	82,200	90,600	99,700	120,000	132,000
	P	9,440	9,640	9,970	10,100	10,300	10,400	10,450	10,550	10,600
	A	29.6	30.1	30.8	31.1	31.6	31.8	31.9	32.2	32.3
	M	840	949	1,194	1,332	1,649	1,831	2,031	2,498	2,770
	E	4.6	5.1	6.1	6.7	8.0	8.7	9.6	11.4	12.5
	%	57.9	60.0	63.7	65.2	67.9	69.0	69.9	70.9	71.0
105.0 (252)	C	47,000	52,900	66,100	73,500	90,000	99,300	109,500	132,000	144,500
	P	8,500	8,690	8,990	9,100	9,280	9,350	9,390	9,450	9,460
	A	27.5	27.9	28.5	28.7	29.1	29.3	29.4	29.7	29.8
	M	844	956	1,205	1,345	1,668	1,852	2,055	2,525	2,797
	E	5.5	6.1	7.4	8.1	9.7	10.6	11.7	14.0	15.3
	%	60.4	62.5	65.9	67.3	69.5	70.3	70.8	70.8	70.1
90.0 (202)	C	52,500	59,200	74,200	82,500	101,000	112,000	123,000	148,500	163,000
	P	7,250	7,410	7,660	7,760	7,890	7,930	7,960	7,960	7,950
	A	24.7	25.0	25.5	25.6	26.0	26.1	26.3	26.5	26.6
	M	854	967	1,220	1,364	1,693	1,880	2,086	2,560	2,832
	E	7.3	8.0	9.7	10.7	12.9	14.1	15.5	18.7	20.5
	%	63.9	65.6	68.3	69.2	70.2	70.2	69.8	67.4	65.3
80.0 (173)	C	56,200	63,300	79,300	88,300	108,500	119,500	132,000	159,500	174,500
	P	6,500	6,650	6,880	6,960	7,060	7,090	7,100	7,080	7,050
	A	23.1	23.4	23.7	23.9	24.2	24.4	24.5	24.8	25.0
	M	861	974	1,230	1,375	1,706	1,895	2,102	2,578	2,851
	E	8.7	9.5	11.6	12.7	15.4	16.9	18.6	22.5	24.8
	%	65.7	67.0	68.8	69.2	69.0	68.2	66.9	62.3	58.8
65.0 (136)	C	61,500	69,300	86,700	96,500	118,500	131,000	144,500		
	P	5,510	5,640	5,830	5,890	5,960	5,960	5,950		
	A	21.1	21.3	21.6	21.8	22.1	22.3	22.5		
	M	871	983	1,240	1,386	1,720	1,911	2,119		
	E	11.2	12.3	14.9	16.4	19.9	22.0	24.3		
	%	67.0	67.4	67.2	66.5	63.6	61.1	57.9		
55.0 (114)	C	64,900	73,000	91,400	101,500	125,000				
	P	4,930	5,050	5,210	5,260	5,300				
	A	20.0	20.2	20.5	20.7	21.0				
	M	876	988	1,244	1,391	1,725				
	E	13.2	14.5	17.6	19.4	23.6				
	%	66.5	66.0	64.0	62.2	56.7				
40.0 (85)	C	69,800	78,400	97,900						
	P	4,150	4,250	4,390						
	A	18.7	18.8	19.2						
	M	881	992	1,246						
	E	16.9	18.5	22.3						
	%	62.6	60.5	54.7						

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