Rating Conditions

20 °F Superheat

15 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

AIR CONDITIONING

CRNQ-050E-TF5

COPELAWELD® HCFC-22

COMPRESSOR

TF5 200/230-3-60

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)	C					33,600	44,600	50,500	56,500	63,500
	P					5,600	6,350	6,650	7,000	7,250
	A					16.6	18.4	19.3	20.1	20.8
	M					560	735	825	915	1,020
	E					6.0	7.0	7.6	8.1	8.7
	%					59.8	61.3	61.5	61.5	61.3
140.0 (337)	C				28,300	38,600	49,900	56,000	62,500	69,500
	P				4,750	5,500	6,100	6,400	6,650	6,900
	A				14.7	16.4	17.9	18.6	19.3	19.9
	M				454	610	775	865	960	1,060
	E				6.0	7.0	8.1	8.7	9.4	10.1
	%				59.1	61.4	61.7	61.6	61.3	60.9
130.0 (297)	C			22,700	32,600	43,100	55,000	61,500	68,000	75,500
	P			3,960	4,690	5,300	5,850	6,100	6,300	6,500
	A			13.0	14.6	16.0	17.3	17.8	18.3	18.8
	M			352	498	650	810	900	995	1,100
	E			5.7	7.0	8.1	9.4	10.1	10.8	11.7
	%			57.2	60.9	61.7	61.4	61.1	60.6	60.1
120.0 (260)	C			26,600	36,500	47,300	59,500	66,500	74,000	82,000
	P			3,940	4,570	5,100	5,550	5,750	5,900	6,000
	A			12.9	14.3	15.5	16.5	17.0	17.3	17.6
	M			393	530	680	845	935	1,030	1,140
	E			6.7	8.0	9.3	10.8	11.6	12.6	13.6
	%			59.4	61.2	61.3	60.6	60.1	59.5	58.8
110.0 (226)	C		20,600	30,000	40,100	51,500	64,500	71,500	79,500	88,500
	P		3,250	3,870	4,410	4,850	5,200	5,300	5,400	5,500
	A		11.5	12.8	13.9	14.9	15.7	16.0	16.2	16.4
	M		295	423	555	705	870	965	1,060	1,170
	E		6.3	7.7	9.1	10.6	12.4	13.5	14.7	16.1
	%		56.5	60.0	60.7	60.3	59.4	58.8	58.0	57.1
100.0 (196)	C		23,700	33,100	43,500	55,500	69,500	77,000	86,000	95,000
	P		3,230	3,760	4,200	4,540	4,770	4,850	4,890	4,900
	A		11.4	12.6	13.5	14.2	14.7	14.9	15.0	15.1
	M		325	448	580	730	900	995	1,100	1,210
	E		7.3	8.8	10.4	12.2	14.5	15.9	17.5	19.4
	%		57.6	59.5	59.6	59.0	57.8	57.0	56.0	54.7
90.0 (168)	C	17,600	26,500	36,100	47,000	59,500	74,500	83,000	92,500	102,000
	P	2,630	3,170	3,620	3,960	4,200	4,320	4,340	4,330	4,280
	A	10.2	11.3	12.2	13.0	13.5	13.7	13.8	13.8	13.7
	M	235	349	469	600	755	930	1,030	1,140	1,260
	E	6.7	8.4	10.0	11.9	14.2	17.2	19.1	21.3	23.9
	%	53.3	57.3	58.3	58.1	57.3	55.8	54.6	53.1	51.1
80.0 (144)	C	20,200	29,200	39,200	50,500	64,000	80,500	89,500	99,500	110,000
	P	2,620	3,080	3,430	3,680	3,820	3,830	3,800	3,730	3,630
	A	10.2	11.1	11.8	12.4	12.6	12.7	12.6	12.5	12.3
	M	260	370	490	625	780	965	1,070	1,190	1,310
	E	7.7	9.5	11.4	13.8	16.8	20.9	23.6	26.7	30.4
	%	53.8	56.2	56.7	56.3	55.1	52.8	51.0	48.6	45.4

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