Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

HIGH TEMPERATURE

Blue Area Restrictions: 40°F Max. Return Gas Temp.

RST10K1-TA5

COPELAWELD® HCFC-22

COMPRESSOR

Null

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

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

Condensing Temperature °F (Sat. Dew Pt. Pressure, psig)		0.0 (24)	5.0 (28)	10.0 (33)	15.0 (38)	20.0 (43)	25.0 (49)	30.0 (55)	35.0 (62)	45.0 (76)	55.0 (93)
140.0 (337)	C				7,380	8,340	9,370	10,500	11,700	14,400	17,700
	P				1,550	1,620	1,690	1,750	1,810	1,910	2,010
	A				5.7	5.9	6.1	6.2	6.4	6.7	7.0
	M				120	136	154	173	193	242	302
	E				4.8	5.1	5.6	6.0	6.5	7.5	8.8
	%				54.5	55.4	56.1	56.6	57.1	57.7	57.8
130.0 (297)	C			7,190	8,150	9,170	10,300	11,500	12,800	15,700	19,300
	P			1,430	1,500	1,560	1,610	1,670	1,710	1,800	1,870
	A			5.4	5.6	5.7	5.9	6.0	6.1	6.4	6.6
	M			110	125	142	159	179	200	250	311
	E			5.0	5.4	5.9	6.4	6.9	7.4	8.8	10.3
	%			53.9	54.8	55.6	56.1	56.6	56.9	57.4	57.3
120.0 (260)	C		6,910	7,860	8,870	9,960	11,100	12,400	13,800	17,100	21,000
	P		1,320	1,380	1,440	1,490	1,540	1,580	1,610	1,680	1,730
	A		5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.2
	M		100	115	130	146	164	184	206	257	321
	E		5.2	5.7	6.2	6.7	7.3	7.9	8.6	10.2	12.2
	%		53.0	53.9	54.6	55.2	55.7	56.1	56.4	56.6	56.1
110.0 (226)	C	6,570	7,500	8,490	9,560	10,700	12,000	13,400	14,900	18,400	22,700
	P	1,220	1,270	1,330	1,370	1,410	1,450	1,480	1,510	1,550	1,580
	A	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
	M	91	104	118	133	150	169	189	212	265	331
	E	5.4	5.9	6.4	7.0	7.6	8.3	9.0	9.9	11.9	14.4
	%	51.7	52.6	53.3	53.9	54.4	54.9	55.2	55.4	55.4	54.2
100.0 (196)	C	7,100	8,070	9,120	10,300	11,500	12,900	14,400	16,000	19,900	24,500
	P	1,170	1,220	1,260	1,300	1,330	1,360	1,380	1,390	1,420	1,420
	A	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4
	M	94	107	121	137	154	173	194	218	273	341
	E	6.1	6.6	7.2	7.9	8.6	9.5	10.4	11.5	14.0	17.2
	%	51.2	51.9	52.4	53.0	53.4	53.7	54.0	54.0	53.4	51.4
90.0 (168)	C	7,630	8,640	9,750	11,000	12,300	13,800	15,400	17,200	21,400	26,400
	P	1,120	1,160	1,190	1,220	1,240	1,260	1,270	1,280	1,280	1,260
	A	4.7	4.7	4.8	4.9	4.9	5.0	5.0	5.0	5.0	5.0
	M	97	110	125	141	158	178	200	224	281	352
	E	6.8	7.5	8.2	9.0	9.9	10.9	12.1	13.5	16.7	20.9
	%	50.3	50.8	51.3	51.7	52.0	52.2	52.2	52.0	50.5	47.0
80.0 (144)	C	8,170	9,250	10,400	11,700	13,200	14,800	16,500	18,500	23,000	28,400
	P	1,060	1,090	1,120	1,140	1,150	1,160	1,160	1,160	1,140	1,100
	A	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.6
	M	100	114	128	145	163	183	206	231	291	364
	E	7.7	8.5	9.3	10.3	11.5	12.7	14.2	16.0	20.2	25.7
	%	49.2	49.5	49.8	50.0	50.1	50.1	49.7	49.1	46.2	40.3
70.0 (121)	C	8,770	9,910	11,200	12,600	14,100	15,800	17,700	19,800	24,700	30,600
	P	997	1,020	1,040	1,050	1,050	1,050	1,050	1,040	997	942
	A	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3
	M	104	117	133	150	169	190	213	240	301	377
	E	8.8	9.7	10.7	12.0	13.4	15.0	16.9	19.2	24.8	32.4
	%	47.8	47.9	47.9	47.9	47.6	47.1	46.2	44.7	39.5	29.7

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