

Amps @ 460-3-60
 230-3-60 multiply by 2
 575-3-60 multiply by .8

Rating Information: 65°F Return Gas
 Liquid Subcooled to 10°F above SIT
 Horsepower 40
 Displacement 88 CFM @ 60 Hz

SCT
80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30	35
Capacity (Btu/hr)*	154,598	173,038	192,208	213,942	237,035	262,225	289,587	319,153	350,898	386,211
Evap (Lb/hr)	1585	1788	2015	2269	2553	2870	3222	3613	4043	4516
Cond (Lb/hr)	2032	2273	2522	2805	3106	3434	3793	4183	4604	5078
Power (kW)	20.4	20.5	20.6	20.7	20.8	20.9	21	21.1	21.1	21.2
Current (Amps)	28.9	29.1	29.2	29.3	29.4	29.5	29.7	29.7	29.8	29.9
Efficiency (EER)	7.6	8.4	9.3	10.3	11.4	12.5	13.8	15.2	16.6	18.2
SIT (°F)	11	13	17	20	24	28	32	36	40	43

90°F

Capacity (Btu/hr)*	149,706	167,458	187,039	207,935	230,065	255,104	281,435	309,935	340,618	373,439
Evap (Lb/hr)	1575	1776	2001	2251	2530	2842	3189	3574	4001	4471
Cond (Lb/hr)	2059	2302	2570	2856	3158	3501	3862	4256	4683	5143
Power (kW)	22.7	22.8	23	23.1	23.2	23.3	23.4	23.5	23.6	23.7
Current (Amps)	31.6	31.8	32	32.1	32.2	32.4	32.5	32.7	32.8	32.8
Efficiency (EER)	6.6	7.3	8.1	9	9.9	10.9	12	13.2	14.4	15.8
SIT (°F)	19	21	23	26	30	33	37	41	45	49

100°F

Capacity (Btu/hr)*	144,990	162,588	181,355	201,280	223,104	246,998	273,118	300,429	329,900	361,531
Evap (Lb/hr)	1568	1766	1987	2233	2507	2813	3153	3532	3952	4417
Cond (Lb/hr)	2091	2345	2616	2902	3216	3561	3938	4334	4765	5231
Power (kW)	25.3	25.5	25.6	25.7	25.8	26	26.1	26.3	26.4	26.4
Current (Amps)	35	35.1	35.3	35.4	35.5	35.8	36	36.1	36.3	36.4
Efficiency (EER)	5.7	6.4	7.1	7.8	8.6	9.5	10.4	11.4	12.5	13.7
SIT (°F)	27	28	30	33	36	39	42	46	50	54

110°F

Capacity (Btu/hr)*	139,978	156,768	175,185	195,463	216,210	238,893	263,681	290,729	318,853	349,129
Evap (Lb/hr)	1562	1759	1976	2216	2484	2783	3115	3486	3898	4355
Cond (Lb/hr)	2121	2378	2659	2969	3284	3629	4007	4421	4854	5324
Power (kW)	28.3	28.3	28.5	28.7	28.8	28.9	29.1	29.3	29.5	29.6
Current (Amps)	38.8	38.8	39	39.4	39.5	39.7	39.9	40.2	40.3	40.5
Efficiency (EER)	5	5.5	6.2	6.8	7.5	8.3	9.1	9.9	10.8	11.8
SIT (°F)	36	37	38	39	42	45	48	51	55	59

120°F

Capacity (Btu/hr)*	134,684	151,734	169,855	189,089	209,440	231,773	255,272	280,927	307,589	337,829
Evap (Lb/hr)	1560	1754	1966	2202	2463	2753	3077	3437	3839	4287
Cond (Lb/hr)	2150	2428	2722	3033	3362	3722	4102	4518	4952	5448
Power (kW)	31.6	31.8	31.9	32.1	32.3	32.5	32.7	32.9	33	33.3
Current (Amps)	43	43.3	43.6	43.8	44	44.3	44.5	44.8	45	45.3
Efficiency (EER)	4.3	4.8	5.3	5.9	6.5	7.1	7.8	8.5	9.3	10.1
SIT (°F)	46	45	45	46	48	50	53	56	60	63

130°F

Capacity (Btu/hr)*	129,124	145,792	163,462	182,199	202,032	222,948	245,903	269,961	296,216	324,817
Evap (Lb/hr)	1562	1753	1961	2189	2443	2724	3038	3388	3778	4213
Cond (Lb/hr)	2179	2468	2774	3098	3439	3799	4194	4609	5063	5562
Power (kW)	35.3	35.5	35.7	36	36.2	36.4	36.6	36.8	37.1	37.4
Current (Amps)	47.8	48.1	48.4	48.7	49	49.2	49.5	49.8	50.1	50.5
Efficiency (EER)	3.7	4.1	4.6	5.1	5.6	6.1	6.7	7.3	8	8.7
SIT (°F)	57	55	54	54	55	57	59	62	65	68
SST (°F)	-10	-5	0	5	10	15	20	25	30	35

130°F to 150°F SCT, -10°F to 35°F SST see page 30
 80°F to 130°F SCT, 40°F to 55°F SST see page 31
 130°F to 150°F SCT, 40°F to 55°F SST see page 32

Amps @ 460-3-60
 230-3-60 multiply by 2
 575-3-60 multiply by .8

Rating Information: 65°F Return Gas
 Liquid Subcooled to 10°F above SIT
 Horsepower 40
 Displacement 88 CFM @ 60 Hz

SCT
130°F

SST (°F)	-10	-5	0	5	10	15	20	25	30	35
Capacity (Btu/hr)*	129,124	145,792	163,462	182,199	202,032	222,948	245,903	269,961	296,216	324,817
Evap (Lb/hr)	1562	1753	1961	2189	2443	2724	3038	3388	3778	4213
Cond (Lb/hr)	2179	2468	2774	3098	3439	3799	4194	4609	5063	5562
Power (kW)	35.3	35.5	35.7	36	36.2	36.4	36.6	36.8	37.1	37.4
Current (Amps)	47.8	48.1	48.4	48.7	49	49.2	49.5	49.8	50.1	50.5
Efficiency (EER)	3.7	4.1	4.6	5.1	5.6	6.1	6.7	7.3	8	8.7
SIT (°F)	57	55	54	54	55	57	59	62	65	68

140°F

Capacity (Btu/hr)*	123,856	140,138	157,349	175,572	194,864	215,245	236,684	260,234	284,837	311,694
Evap (Lb/hr)	1570	1756	1959	2181	2426	2697	3000	3337	3714	4136
Cond (Lb/hr)	2218	2520	2839	3176	3533	3909	4304	4739	5194	5694
Power (kW)	39.7	40	40.2	40.5	40.8	41	41.2	41.6	41.8	42.1
Current (Amps)	53.2	53.5	53.8	54.2	54.6	54.9	55.1	55.6	55.9	56.2
Efficiency (EER)	3.1	3.5	3.9	4.3	4.8	5.2	5.7	6.3	6.8	7.4
SIT (°F)	68	65	63	62	62	63	65	67	70	73

150°F

Capacity (Btu/hr)*	118,391	134,221	150,897	168,521	187,170	206,891	227,693	249,528	273,552	298,578
Evap (Lb/hr)	1585	1766	1963	2177	2412	2673	2963	3287	3650	4056
Cond (Lb/hr)	2260	2575	2908	3260	3632	4025	4438	4873	5351	5852
Power (kW)	44.8	45.1	45.3	45.6	46	46.3	46.6	46.9	47.3	47.6
Current (Amps)	59.1	59.4	59.7	60.2	60.6	61	61.4	61.7	62.2	62.5
Efficiency (EER)	2.6	3	3.3	3.7	4.1	4.5	4.9	5.3	5.8	6.3
SIT (°F)	80	76	73	71	70	70	71	73	75	78
SST (°F)	-10	-5	0	5	10	15	20	25	30	35

80°F to 130°F SCT, -10°F to 35°F SST see page 29
 80°F to 130°F SCT, 40°F to 55°F SST see page 31
 130°F to 150°F SCT, 40°F to 55°F SST see page 32

Amps @ 460-3-60
 230-3-60 multiply by 2
 575-3-60 multiply by .8

Rating Information: 65°F Return Gas
 Liquid Subcooled to 10°F above SIT
 Horsepower 40
 Displacement 88 CFM @ 60 Hz

SCT
80°F

SST (°F)	40	45	50	55
Capacity (Btu/hr)*	423,779	463,357	506,651	551,543
Evap (Lb/hr)	5032	5591	6191	6830
Cond (Lb/hr)	5586	6128	6729	7360
Power (kW)	21.3	21.3	21.3	21.3
Current (Amps)	30	30	30.1	30
Efficiency (EER)	19.9	21.8	23.8	25.9
SIT (°F)	46	49	51	53

90°F

Capacity (Btu/hr)*	409,938	448,618	489,191	533,551
Evap (Lb/hr)	4986	5547	6155	6806
Cond (Lb/hr)	5661	6215	6805	7459
Power (kW)	23.8	23.8	23.9	23.9
Current (Amps)	33	33.1	33.1	33.1
Efficiency (EER)	17.2	18.8	20.5	22.3
SIT (°F)	52	55	58	60

100°F

Capacity (Btu/hr)*	396,917	432,768	472,387	516,094
Evap (Lb/hr)	4928	5489	6100	6760
Cond (Lb/hr)	5758	6298	6903	7580
Power (kW)	26.6	26.7	26.7	26.9
Current (Amps)	36.6	36.7	36.8	36.9
Efficiency (EER)	14.9	16.2	17.7	19.2
SIT (°F)	57	61	64	66

110°F

Capacity (Btu/hr)*	383,195	417,841	456,432	497,061
Evap (Lb/hr)	4860	5417	6028	6693
Cond (Lb/hr)	5857	6408	7028	7693
Power (kW)	29.8	29.9	30.1	30.2
Current (Amps)	40.8	40.9	41.1	41.3
Efficiency (EER)	12.8	14	15.2	16.4
SIT (°F)	62	66	69	72

120°F

Capacity (Btu/hr)*	368,924	402,142	439,430	478,980
Evap (Lb/hr)	4783	5333	5939	6604
Cond (Lb/hr)	5963	6521	7155	7838
Power (kW)	33.5	33.6	33.9	34.1
Current (Amps)	45.5	45.7	46	46.3
Efficiency (EER)	11	12	13	14
SIT (°F)	67	71	74	77

130°F

Capacity (Btu/hr)*	354,259	387,677	421,582	459,748
Evap (Lb/hr)	4698	5238	5836	6496
Cond (Lb/hr)	6080	6674	7288	7987
Power (kW)	37.6	37.9	38.1	38.5
Current (Amps)	50.7	51.2	51.4	51.8
Efficiency (EER)	9.4	10.2	11.1	12
SIT (°F)	72	75	79	82
SST (°F)	40	45	50	55

80°F to 130°F SCT, -10°F to 35°F SST see page 29
 130°F to 150°F SCT, -10°F to 35°F SST see page 30
 130°F to 150°F SCT, 40°F to 55°F SST see page 32

Amps @ 460-3-60
 230-3-60 multiply by 2
 575-3-60 multiply by .8

Rating Information: 65°F Return Gas
 Liquid Subcooled to 10°F above SIT
 Horsepower 40
 Displacement 88 CFM @ 60 Hz

SCT

		SST (°F)	40	45	50	55
130°F						
Capacity (Btu/hr)*			354,259	387,677	421,582	459,748
Evap (Lb/hr)			4698	5238	5836	6496
Cond (Lb/hr)			6080	6674	7288	7987
Power (kW)			37.6	37.9	38.1	38.5
Current (Amps)			50.7	51.2	51.4	51.8
Efficiency (EER)			9.4	10.2	11.1	12
SIT (°F)			72	75	79	82
140°F						
Capacity (Btu/hr)*			340,958	370,945	405,119	439,600
Evap (Lb/hr)			4607	5133	5720	6371
Cond (Lb/hr)			6243	6813	7470	8147
Power (kW)			42.5	42.7	43.2	43.4
Current (Amps)			56.7	57	57.5	57.7
Efficiency (EER)			8	8.7	9.4	10.1
SIT (°F)			76	80	83	87
150°F						
Capacity (Btu/hr)*			325,924	355,744	386,167	421,009
Evap (Lb/hr)			4511	5021	5592	6231
Cond (Lb/hr)			6403	7010	7640	8369
Power (kW)			47.9	48.4	48.7	49.2
Current (Amps)			63	63.5	63.8	64.5
Efficiency (EER)			6.8	7.3	7.9	8.6
SIT (°F)			81	84	88	91
	SST (°F)		40	45	50	55

80°F to 130°F SCT, -10°F to 35°F SST see page 29
 130°F to 150°F SCT, -10°F to 35°F SST see page 30
 80°F to 130°F SCT, 40°F to 55°F SST see page 31

Amps @ 460-3-60
230-3-60 multiply by 2
575-3-60 multiply by .8

Rating Information: 65°F Return Gas
Liquid Subcooled to 10°F above SIT
Horsepower 40
Displacement 88 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	125,007	140,512	157,710	176,652	198,110	220,788	246,307	272,934	302,770	333,531	367,916
Evap (Lb/hr)	1346.2	1534.6	1748	1988	2256	2555	2888	3256	3663	4111	4604
Cond (Lb/hr)	1926	2155.3	2409	2689	3007	3341	3719	4112	4556	5012	5527
Power (kW)	28.4	28.8	29.3	29.8	30.5	31	31.7	32.3	32.9	33.4	33.9
Current (Amps)	34.6	35.8	36.9	37.9	38.9	39.7	40.6	41.2	41.8	42.2	42.6
Efficiency (EER)	4.4	4.9	5.4	5.9	6.5	7.1	7.8	8.5	9.2	10	10.8
SIT (°F)	-8.6	-4.9	-1	3	6	10	13	17	20	24	27
Capacity (Btu/hr)*	120,152	136,282	153,541	172,384	193,585	215,854	239,861	266,737	294,494	325,523	357,222
Evap (Lb/hr)	1311.1	1503.6	1720	1961	2229	2527	2856	3221	3622	4064	4550
Cond (Lb/hr)	1982.7	2239	2511	2807	3142	3491	3868	4292	4728	5220	5721
Power (kW)	31.1	31.8	32.3	32.9	33.7	34.3	35	35.7	36.3	37	37.5
Current (Amps)	37.8	39.3	40.6	41.8	43	44	44.9	45.8	46.5	47.2	47.7
Efficiency (EER)	3.9	4.3	4.8	5.2	5.7	6.3	6.9	7.5	8.1	8.8	9.5
SIT (°F)	-5.3	-1.5	2	6	9	13	17	20	24	27	31
Capacity (Btu/hr)*	115,408	131,647	148,847	167,460	188,264	209,967	234,199	259,232	287,181	315,773	347,725
Evap (Lb/hr)	1276.6	1472.8	1691	1933	2201	2497	2823	3182	3578	4012	4489
Cond (Lb/hr)	2053.5	2330.8	2622	2936	3287	3652	4061	4481	4954	5435	5978
Power (kW)	34.2	34.9	35.6	36.3	37.1	37.9	38.8	39.5	40.3	41	41.8
Current (Amps)	42	43.8	45.2	46.6	48	49.2	50.4	51.3	52.4	53.1	53.9
Efficiency (EER)	3.4	3.8	4.2	4.6	5.1	5.5	6	6.6	7.1	7.7	8.3
SIT (°F)	-1.3	2.3	6	10	13	17	20	24	27	31	34
Capacity (Btu/hr)*	110,330	126,182	143,754	162,107	182,482	203,591	226,110	251,179	276,811	305,412	334,390
Evap (Lb/hr)	1237.6	1437.3	1657	1900	2167	2460	2782	3136	3525	3951	4419
Cond (Lb/hr)	2133.1	2424.6	2748	3082	3454	3836	4244	4699	5163	5685	6212
Power (kW)	37.7	38.4	39.3	40.1	41.1	41.9	42.8	43.8	44.6	45.6	46.3
Current (Amps)	47.6	49.3	51.1	52.6	54.3	55.6	56.7	58	59	60.1	60.9
Efficiency (EER)	2.9	3.3	3.7	4	4.4	4.9	5.3	5.7	6.2	6.7	7.2
SIT (°F)	3.4	6.9	10	14	17	21	25	28	32	35	39
Capacity (Btu/hr)*	103,692	119,921	136,767	155,295	174,407	195,525	218,109	241,160	266,796	292,753	321,752
Evap (Lb/hr)	1188.8	1391.7	1614	1856	2122	2412	2731	3079	3460	3878	4336
Cond (Lb/hr)	2194.7	2522.7	2859	3229	3606	4025	4471	4923	5430	5940	6515
Power (kW)	41.5	42.5	43.4	44.4	45.4	46.5	47.7	48.7	49.8	50.7	51.7
Current (Amps)	54.2	56.3	58.1	60	61.5	63.2	64.8	66	67.4	68.3	69.5
Efficiency (EER)	2.5	2.8	3.2	3.5	3.8	4.2	4.6	5	5.4	5.8	6.2
SIT (°F)	8.9	12.3	16	19	23	26	29	33	36	40	43
Capacity (Btu/hr)*	95,456	111,520	128,549	146,622	165,103	185,400	206,981	228,849	253,114	278,921	304,785
Evap (Lb/hr)	1124	1330.1	1554	1796	2061	2348	2662	3004	3378	3786	4234
Cond (Lb/hr)	2233.1	2591.4	2968	3366	3767	4209	4677	5147	5673	6232	6790
Power (kW)	45.9	47	48.2	49.4	50.5	51.8	53.1	54.2	55.5	56.7	57.7
Current (Amps)	62.3	64.6	66.7	68.8	70.4	72.2	74	75.3	76.8	78.3	79.2
Efficiency (EER)	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.6	4.9	5.3
SIT (°F)	15.6	18.8	22	25	29	32	35	39	42	45	49
SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -50°F to 0°F SST see page 30
70°F to 120°F SCT, 0°F to 40°F SST see page 31
120°F to 130°F SCT, 0°F to 40°F SST see page 32

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Data assumes oil cooler utilized. If not, refer to Bulletin 98T-5 for any possible capacity & condenser performance adjustments.

Amps @ 460-3-60
230-3-60 multiply by 2
575-3-60 multiply by .8

Rating Information: 65°F Return Gas
Liquid Subcooled to 10°F above SIT
Horsepower 40
Displacement 88 CFM @ 60 Hz

SCT
120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	95,456	111,520	128,549	146,622	165,103	185,400	206,981	228,849	253,114	278,921	304,785
Evap (Lb/hr)	1124	1330.1	1554	1796	2061	2348	2662	3004	3378	3786	4234
Cond (Lb/hr)	2233.1	2591.4	2968	3366	3767	4209	4677	5147	5673	6232	6790
Power (kW)	45.9	47	48.2	49.4	50.5	51.8	53.1	54.2	55.5	56.7	57.7
Current (Amps)	62.3	64.6	66.7	68.8	70.4	72.2	74	75.3	76.8	78.3	79.2
Efficiency (EER)	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.6	4.9	5.3
SIT (°F)	15.6	18.8	22	25	29	32	35	39	42	45	49

130°F

Capacity (Btu/hr)*	85,537	101,446	117,621	135,075	153,457	172,848	193,332	214,996	236,706	260,838	286,415
Evap (Lb/hr)	1036	1245.4	1471	1714	1976	2261	2570	2906	3272	3671	4108
Cond (Lb/hr)	2237.9	2635.1	3033	3461	3908	4378	4871	5392	5910	6490	7106
Power (kW)	51.2	52.4	53.6	54.9	56.4	57.8	59.3	60.8	61.9	63.3	64.7
Current (Amps)	72.4	74.8	76.7	78.9	81	82.9	84.8	86.6	87.8	89.4	90.9
Efficiency (EER)	1.7	1.9	2.2	2.5	2.7	3	3.3	3.5	3.8	4.1	4.4
SIT (°F)	23.4	26.5	30	33	36	39	42	45	49	52	55
SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -50°F to 0°F SST see page 29

70°F to 120°F SCT, 0°F to 40°F SST see page 31

120°F to 130°F SCT, 0°F to 40°F SST see page 32

Data assumes oil cooler utilized. If not, refer to Bulletin 98T-5 for any possible capacity & condenser performance adjustments.