



05T Performance Data

R-22

R-134a

R-507 / R-404A

Lit. No. 574-077
Rev. A 04/04

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
1750 rpm
Displacement 33 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
70°F									
Capacity (Btu/hr)*	44,490	50,310	56,482	63,334	70,792	78,907	87,489	97,045	107,410
Evap (Lb/hr)	417	477	543	616	697	787	886	995	1116
Cond (Lb/hr)	534	603	676	757	845	941	1043	1157	1281
Power (Bhp)	9	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6	6.6	7.3	8	8.8	9.6	10.5	11.5	12.5
SIT (°F)	-14	-10	-5	-1	3	7	12	16	20
80°F									
Capacity (Btu/hr)*	42,028	47,713	53,975	60,600	67,942	75,915	84,333	93,692	103,834
Evap (Lb/hr)	395	455	520	593	673	761	858	966	1086
Cond (Lb/hr)	525	595	672	753	843	942	1045	1161	1287
Power (Bhp)	10	10.3	10.5	10.7	11	11.2	11.3	11.5	11.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6.2	6.8	7.5	8.2	9	9.8	10.7
SIT (°F)	-13	-8	-4	1	5	9	14	18	22
90°F									
Capacity (Btu/hr)*	39,074	44,746	50,959	57,516	64,581	72,402	80,650	89,806	99,423
Evap (Lb/hr)	368	428	493	564	643	730	826	932	1049
Cond (Lb/hr)	510	582	662	745	835	936	1041	1159	1283
Power (Bhp)	11.2	11.5	11.8	12	12.3	12.5	12.7	13	13.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.2	4.7	5.2	5.8	6.4	7	7.6	8.4	9.1
SIT (°F)	-12	-7	-3	2	7	11	16	20	25
100°F									
Capacity (Btu/hr)*	35,647	41,312	47,358	53,838	60,800	68,293	76,363	85,304	94,695
Evap (Lb/hr)	336	395	459	529	607	692	786	890	1005
Cond (Lb/hr)	487	563	643	729	822	922	1030	1149	1275
Power (Bhp)	12.4	12.8	13.1	13.4	13.7	14	14.2	14.5	14.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.5	3.9	4.4	4.8	5.4	5.9	6.5	7.1	7.8
SIT (°F)	-12	-7	-2	3	8	13	18	22	27
110°F									
Capacity (Btu/hr)*	31,567	37,116	43,099	49,490	56,337	63,692	71,601	80,110	89,264
Evap (Lb/hr)	298	356	419	488	564	647	739	841	953
Cond (Lb/hr)	453	531	614	703	799	901	1011	1130	1258
Power (Bhp)	13.8	14.1	14.5	14.9	15.2	15.5	15.9	16.2	16.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.8	3.2	3.6	4	4.5	4.9	5.4	6	6.5
SIT (°F)	-12	-6	-1	4	9	14	19	24	29
120°F									
Capacity (Btu/hr)*	26,764	32,291	38,215	44,401	51,121	58,323	66,057	74,150	83,308
Evap (Lb/hr)	252	309	371	439	513	594	684	783	892
Cond (Lb/hr)	405	487	574	665	763	868	981	1099	1234
Power (Bhp)	15.2	15.6	16.1	16.4	16.9	17.3	17.6	17.9	18.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.1	2.5	2.9	3.3	3.7	4.1	4.5	5	5.5
SIT (°F)	-12	-6	-1	5	10	15	20	26	30
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -40°F to 0°F SST see page 2
70°F to 120°F SCT, 0°F to 50°F SST see page 3
120°F to 130°F SCT, 0°F to 50°F SST see page 4

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	26,764	32,291	38,215	44,401	51,121	58,323	66,057	74,150	83,308
Evap (Lb/hr)	252	309	371	439	513	594	684	783	892
Cond (Lb/hr)	405	487	574	665	763	868	981	1099	1234
Power (Bhp)	15.2	15.6	16.1	16.4	16.9	17.3	17.6	17.9	18.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.1	2.5	2.9	3.3	3.7	4.1	4.5	5	5.5
SIT (°F)	-12	-6	-1	5	10	15	20	26	30

130°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	21,227	26,732	32,511	38,612	45,208	52,116	59,659	67,557	76,231
Evap (Lb/hr)	200	256	316	382	454	533	620	715	821
Cond (Lb/hr)	341	427	517	612	713	820	936	1057	1191
Power (Bhp)	16.7	17.2	17.7	18.2	18.6	19.1	19.5	19.9	20.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.5	1.9	2.2	2.6	2.9	3.3	3.7	4.1	4.5
SIT (°F)	-13	-7	-1	5	10	16	21	27	32

70°F to 120°F SCT, -40°F to 0°F SST see page 1
 70°F to 120°F SCT, 0°F to 50°F SST see page 3
 120°F to 130°F SCT, 0°F to 50°F SST see page 4

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
1750 rpm
Displacement 33 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
70°F											
Capacity (Btu/hr)*	107,410	118,631	130,755	143,825	157,883	173,523	189,732	207,036	226,233	245,881	267,645
Evap (Lb/hr)	1116	1250	1398	1561	1740	1937	2153	2391	2651	2936	3247
Cond (Lb/hr)	1281	1416	1563	1721	1893	2086	2287	2504	2748	3000	3283
Power (kW)	10.3	10.5	10.6	10.7	10.7	10.8	10.9	11	11	11	11.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.5	13.7	14.9	16.3	17.7	19.3	21	22.8	24.8	26.9	29.1
SIT (°F)	20	24	28	32	36	39	43	47	50	53.6	56.9
80°F											
Capacity (Btu/hr)*	103,834	114,808	126,273	139,000	152,687	167,918	183,699	200,547	219,248	238,384	259,590
Evap (Lb/hr)	1086	1217	1363	1523	1699	1893	2106	2339	2596	2877	3184
Cond (Lb/hr)	1287	1424	1567	1727	1901	2096	2299	2518	2764	3019	3305
Power (kW)	11.7	11.9	12	12.1	12.2	12.4	12.5	12.5	12.6	12.7	12.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.7	11.7	12.7	13.9	15.1	16.4	17.8	19.3	20.9	22.6	24.5
SIT (°F)	22	26	31	35	39	42	46	50	53	56.9	60.3
90°F											
Capacity (Btu/hr)*	99,423	110,105	121,637	134,065	147,431	161,774	177,130	193,528	210,991	230,372	250,106
Evap (Lb/hr)	1049	1178	1321	1478	1651	1842	2051	2281	2533	2810	3113
Cond (Lb/hr)	1283	1421	1571	1734	1910	2100	2306	2528	2767	3035	3312
Power (kW)	13.1	13.3	13.5	13.7	13.9	14	14.2	14.3	14.4	14.5	14.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.1	10	10.8	11.8	12.8	13.9	15.1	16.3	17.7	19.1	20.6
SIT (°F)	25	29	33	37	41	45	49	53	57	60.2	63.7
100°F											
Capacity (Btu/hr)*	94,695	105,114	115,999	128,074	141,063	155,004	169,934	185,882	202,874	220,926	240,959
Evap (Lb/hr)	1005	1131	1271	1425	1595	1782	1988	2214	2462	2734	3033
Cond (Lb/hr)	1275	1416	1563	1728	1906	2099	2307	2531	2774	3034	3327
Power (kW)	14.7	15	15.2	15.4	15.6	15.8	16	16.2	16.3	16.5	16.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.5	9.2	10	10.9	11.8	12.8	13.8	15	16.2	17.4
SIT (°F)	27	31	36	40	44	48	52	56	60	63.6	67.1
110°F											
Capacity (Btu/hr)*	89,264	99,410	110,015	121,776	133,986	147,519	162,018	177,515	194,036	211,598	231,099
Evap (Lb/hr)	953	1,077	1213	1364	1530	1713	1915	2137	2381	2648	2943
Cond (Lb/hr)	1258	1401	1551	1718	1893	2088	2299	2527	2773	3038	3335
Power (kW)	16.5	16.8	17	17.3	17.5	17.8	18	18.3	18.5	18.7	18.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.5	7.2	7.8	8.5	9.2	10	10.8	11.7	12.7	13.7	14.7
SIT (°F)	29	33	38	42	47	51	55	59	63	66.8	70.4
120°F											
Capacity (Btu/hr)*	83,308	92,914	103,228	114,286	126,544	139,236	153,297	168,337	184,382	201,453	219,560
Evap (Lb/hr)	892	1013	1146	1293	1455	1634	1831	2048	2287	2550	2839
Cond (Lb/hr)	1234	1375	1528	1692	1876	2068	2282	2513	2763	3033	3323
Power (kW)	18.4	18.7	19	19.3	19.7	19.9	20.2	20.5	20.8	21.1	21.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.5	6	6.6	7.1	7.8	8.4	9.1	9.9	10.7	11.5	12.4
SIT (°F)	30	35	40	45	49	54	58	62	66	70	73.8
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 1
120°F to 130°F SCT, -40°F to 0°F SST see page 2
120°F to 130°F SCT, 0°F to 50°F SST see page 4

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT 120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	83,308	92,914	103,228	114,286	126,544	139,236	153,297	168,337	184,382	201,453	219,560
Evap (Lb/hr)	892	1013	1146	1293	1455	1634	1831	2048	2287	2550	2839
Cond (Lb/hr)	1234	1375	1528	1692	1876	2068	2282	2513	2763	3033	3323
Power (kW)	18.4	18.7	19	19.3	19.7	19.9	20.2	20.5	20.8	21.1	21.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.5	6	6.6	7.1	7.8	8.4	9.1	9.9	10.7	11.5	12.4
SIT (°F)	30	35	40	45	49	54	58	62	66	70	73.8

130°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	76,231	85,552	95,561	106,296	117,792	130,532	143,688	158,261	173,823	190,396	207,994
Evap (Lb/hr)	821	938	1067	1210	1368	1542	1735	1947	2181	2438	2722
Cond (Lb/hr)	1191	1335	1491	1659	1839	2041	2252	2487	2742	3016	3313
Power (kW)	20.3	20.7	21.1	21.5	21.9	22.3	22.6	22.9	23.3	23.6	23.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.5	5	5.5	6	6.5	7.1	7.7	8.3	9	9.7	10.5
SIT (°F)	32	37	42	47	52	56	61	65	69	73.1	77

70°F to 120°F SCT, -40°F to 0°F SST see page 1
 120°F to 130°F SCT, -40°F to 0°F SST see page 2
 70°F to 120°F SCT, 0°F to 50°F SST see page 3

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT
 70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	54,351	61,274	68,912	76,990	85,954	95,687	106,251	117,707	129,734
Evap (Lb/hr)	510	583	663	751	849	956	1076	1207	1352
Cond (Lb/hr)	652	734	824	920	1026	1141	1267	1404	1547
Power (Bhp)	10.9	11.1	11.4	11.6	11.8	12	12.2	12.3	12.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6	6.6	7.3	8	8.8	9.6	10.5	11.5	12.6
SIT (°F)	-14	-9	-5	0	4	8	12	16	21

80°F

Capacity (Btu/hr)*	51,775	58,810	66,222	74,397	83,025	92,591	102,960	113,866	125,984
Evap (Lb/hr)	488	561	640	728	824	931	1048	1178	1321
Cond (Lb/hr)	647	733	824	924	1030	1148	1276	1411	1561
Power (Bhp)	12.1	12.5	12.7	13	13.2	13.5	13.7	13.9	14.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.7	6.3	6.9	7.6	8.3	9.1	9.9	10.8
SIT (°F)	-12	-8	-3	1	6	10	14	19	23

90°F

Capacity (Btu/hr)*	48,840	55,844	63,199	71,091	79,795	88,963	99,123	109,801	121,657
Evap (Lb/hr)	462	534	613	699	794	899	1015	1142	1283
Cond (Lb/hr)	637	726	820	921	1032	1149	1279	1416	1569
Power (Bhp)	13.5	13.9	14.2	14.5	14.8	15.1	15.4	15.6	15.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.8	5.4	5.9	6.5	7.1	7.8	8.5	9.3
SIT (°F)	-11	-7	-2	3	7	12	16	21	25

100°F

Capacity (Btu/hr)*	45,339	52,170	59,443	67,400	75,765	84,754	94,695	105,135	116,715
Evap (Lb/hr)	430	501	579	665	758	861	975	1100	1239
Cond (Lb/hr)	618	709	806	912	1024	1143	1276	1416	1572
Power (Bhp)	15.1	15.4	15.8	16.2	16.5	16.8	17.2	17.4	17.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.6	4.1	4.5	5	5.5	6.1	6.7	7.3	7.9
SIT (°F)	-10	-5	0	4	9	14	18	23	27

110°F

Capacity (Btu/hr)*	41,197	47,997	55,206	62,888	71,102	79,908	89,623	99,821	110,781
Evap (Lb/hr)	391	462	539	623	716	817	928	1051	1186
Cond (Lb/hr)	590	685	785	892	1007	1129	1265	1408	1561
Power (Bhp)	16.7	17.2	17.6	18	18.4	18.8	19.2	19.5	19.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3	3.4	3.8	4.2	4.7	5.1	5.6	6.2	6.8
SIT (°F)	-9	-4	1	6	11	16	20	25	30

120°F

Capacity (Btu/hr)*	36,240	42,988	50,113	57,676	65,739	74,363	83,850	93,804	104,492
Evap (Lb/hr)	346	416	492	575	665	764	873	993	1126
Cond (Lb/hr)	546	646	750	861	979	1105	1244	1389	1546
Power (Bhp)	18.6	19.1	19.6	20	20.5	20.9	21.3	21.7	22.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.4	2.7	3.1	3.5	3.9	4.3	4.7	5.2	5.7
SIT (°F)	-7	-2	3	8	13	18	22	27	32
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -40°F to 0°F SST see page 6
 70°F to 120°F SCT, 0°F to 50°F SST see page 7
 120°F to 130°F SCT, 0°F to 50°F SST see page 8

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT
120°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	36,240	42,988	50,113	57,676	65,739	74,363	83,850	93,804	104,492
Evap (Lb/hr)	346	416	492	575	665	764	873	993	1126
Cond (Lb/hr)	546	646	750	861	979	1105	1244	1389	1546
Power (Bhp)	18.6	19.1	19.6	20	20.5	20.9	21.3	21.7	22.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.4	2.7	3.1	3.5	3.9	4.3	4.7	5.2	5.7
SIT (°F)	-7	-2	3	8	13	18	22	27	32

130°F

Capacity (Btu/hr)*	30,497	37,197	44,240	51,687	59,603	68,046	77,079	86,757	97,138
Evap (Lb/hr)	293	362	437	518	607	704	810	927	1056
Cond (Lb/hr)	486	591	700	815	937	1067	1206	1355	1515
Power (Bhp)	20.6	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.8	2.1	2.5	2.8	3.2	3.5	3.9	4.3	4.8
SIT (°F)	-5	0	5	10	15	20	25	30	35
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -40°F to 0°F SST see page 5
 70°F to 120°F SCT, 0°F to 50°F SST see page 7
 120°F to 130°F SCT, 0°F to 50°F SST see page 8

-6-

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
1750 rpm
Displacement 39 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	129,734	143,097	157,993	173,572	190,306	208,236	228,144	248,650	271,371	295,600	320,222
Evap (Lb/hr)	1352	1513	1689	1884	2097	2332	2589	2871	3180	3517	3885
Cond (Lb/hr)	1547	1708	1888	2077	2282	2503	2750	3008	3296	3607	3928
Power (kW)	12.5	12.6	12.7	12.8	12.9	13	13.1	13.1	13.2	13.3	13.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.6	13.7	15	16.3	17.8	19.3	21	22.8	24.8	26.8	29.1
SIT (°F)	21	25	28	32	36	40	43	47	50	53.5	56.6
80°F											
Capacity (Btu/hr)*	125,984	139,082	153,214	168,435	184,791	202,327	221,081	241,910	263,284	286,981	311,075
Evap (Lb/hr)	1321	1479	1653	1845	2056	2288	2543	2822	3128	3463	3829
Cond (Lb/hr)	1561	1724	1901	2093	2301	2525	2766	3038	3319	3635	3961
Power (kW)	14.1	14.2	14.4	14.6	14.7	14.8	14.9	15.1	15.2	15.3	15.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.8	14	15.2	16.5	17.9	19.4	21	22.7	24.5
SIT (°F)	23	27	31	35	39	43	47	50	54	57.3	60.6
90°F											
Capacity (Btu/hr)*	121,657	134,468	147,834	162,669	178,619	195,729	214,040	233,589	255,309	277,512	302,144
Evap (Lb/hr)	1283	1439	1610	1799	2007	2235	2487	2763	3065	3397	3761
Cond (Lb/hr)	1569	1735	1909	2103	2314	2541	2786	3051	3348	3656	4002
Power (kW)	15.8	16.1	16.2	16.4	16.6	16.8	17	17.1	17.3	17.4	17.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.3	10.1	11	11.9	13	14.1	15.2	16.5	17.8	19.2	20.7
SIT (°F)	25	29	34	38	42	46	50	54	57	60.7	64.2
100°F											
Capacity (Btu/hr)*	116,715	128,829	142,277	156,766	171,786	188,446	206,287	225,349	246,551	268,244	291,237
Evap (Lb/hr)	1239	1391	1559	1745	1949	2174	2421	2693	2992	3320	3680
Cond (Lb/hr)	1572	1735	1917	2115	2321	2551	2800	3069	3370	3684	4021
Power (kW)	17.7	18	18.3	18.5	18.7	18.9	19.2	19.4	19.6	19.8	20
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.9	8.6	9.4	10.2	11.1	12	13	14	15.1	16.3	17.6
SIT (°F)	27	32	36	40	45	49	53	57	60	64	67.5
110°F											
Capacity (Btu/hr)*	110,781	122,934	136,045	149,690	164,832	181,094	198,523	217,161	237,044	258,200	280,646
Evap (Lb/hr)	1186	1336	1500	1682	1882	2103	2346	2614	2908	3232	3587
Cond (Lb/hr)	1561	1732	1918	2112	2329	2564	2817	3092	3387	3707	4050
Power (kW)	19.8	20.1	20.5	20.8	21.1	21.4	21.7	21.9	22.2	22.4	22.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.8	7.4	8	8.7	9.4	10.2	11.1	11.9	12.9	13.9	14.9
SIT (°F)	30	34	38	43	47	51	55	59	63	67.1	70.8
120°F											
Capacity (Btu/hr)*	104,492	116,330	128,688	141,930	156,625	172,414	189,346	207,465	226,812	247,415	269,298
Evap (Lb/hr)	1126	1272	1433	1611	1807	2023	2262	2524	2814	3132	3483
Cond (Lb/hr)	1546	1721	1904	2101	2321	2560	2818	3097	3399	3724	4075
Power (kW)	22.1	22.5	22.9	23.2	23.6	23.9	24.3	24.6	25	25.3	25.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.7	6.2	6.8	7.4	8	8.7	9.4	10.2	11	11.8	12.7
SIT (°F)	32	36	41	46	50	54	58	62	66	70.4	74.1
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 5
120°F to 130°F SCT, -40°F to 0°F SST see page 6
120°F to 130°F SCT, 0°F to 50°F SST see page 8

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT

120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	104,492	116,330	128,688	141,930	156,625	172,414	189,346	207,465	226,812	247,415	269,298
Evap (Lb/hr)	1126	1272	1433	1611	1807	2023	2262	2524	2814	3132	3483
Cond (Lb/hr)	1546	1721	1904	2101	2321	2560	2818	3097	3399	3724	4075
Power (kW)	22.1	22.5	22.9	23.2	23.6	23.9	24.3	24.6	25	25.3	25.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.7	6.2	6.8	7.4	8	8.7	9.4	10.2	11	11.8	12.7
SIT (°F)	32	36	41	46	50	54	58	62	66	70.4	74.1

130°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	97,138	108,618	120,608	133,899	147,703	163,020	178,811	196,331	215,049	234,997	256,201
Evap (Lb/hr)	1056	1199	1356	1530	1721	1933	2166	2424	2708	3021	3366
Cond (Lb/hr)	1515	1693	1880	2088	2305	2548	2801	3085	3392	3723	4080
Power (kW)	24.6	25.1	25.5	26	26.3	26.8	27.1	27.5	27.9	28.3	28.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.8	5.2	5.7	6.2	6.8	7.3	8	8.6	9.3	10	10.8
SIT (°F)	35	39	44	48	53	57	62	66	70	73.7	77.6

70°F to 120°F SCT, -40°F to 0°F SST see page 5
 120°F to 130°F SCT, -40°F to 0°F SST see page 6
 70°F to 120°F SCT, 0°F to 50°F SST see page 7

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	61,537	69,373	78,010	87,134	97,246	107,917	119,769	132,607	146,494
Evap (Lb/hr)	577	660	750	850	960	1082	1216	1364	1527
Cond (Lb/hr)	738	831	933	1041	1160	1287	1428	1581	1747
Power (Bhp)	12.3	12.6	12.9	13.1	13.4	13.5	13.7	13.9	14.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6	6.6	7.3	8	8.8	9.6	10.5	11.5	12.6
SIT (°F)	-14	-9	-5	0	4	9	13	17	21

80°F

Capacity (Btu/hr)*	58,954	66,912	75,286	84,288	94,240	105,013	116,350	128,934	142,541
Evap (Lb/hr)	556	638	728	827	935	1055	1188	1334	1495
Cond (Lb/hr)	736	834	937	1047	1169	1302	1441	1597	1766
Power (Bhp)	13.8	14.1	14.4	14.7	15	15.2	15.4	15.7	15.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.7	6.3	6.9	7.6	8.3	9.1	9.9	10.8
SIT (°F)	-12	-8	-3	2	6	10	15	19	23

90°F

Capacity (Btu/hr)*	55,907	63,808	72,094	81,192	90,760	101,334	112,448	124,771	138,088
Evap (Lb/hr)	530	611	701	798	906	1024	1154	1298	1457
Cond (Lb/hr)	728	829	935	1051	1173	1309	1451	1609	1781
Power (Bhp)	15.3	15.7	16.1	16.4	16.7	17.1	17.3	17.6	17.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.9	5.4	6	6.5	7.2	7.8	8.6	9.3
SIT (°F)	-10	-6	-1	3	8	12	17	21	25

100°F

Capacity (Btu/hr)*	52,439	60,148	68,347	77,312	86,720	96,818	107,979	120,035	132,657
Evap (Lb/hr)	498	579	668	764	870	987	1115	1256	1412
Cond (Lb/hr)	714	817	926	1046	1171	1306	1455	1616	1786
Power (Bhp)	17.1	17.5	17.9	18.3	18.7	19	19.4	19.7	20
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.1	4.6	5.1	5.6	6.1	6.7	7.3	8
SIT (°F)	-9	-4	1	5	10	15	19	23	28

110°F

Capacity (Btu/hr)*	48,055	55,839	63,952	72,584	82,032	91,935	102,857	114,300	126,974
Evap (Lb/hr)	460	541	628	724	828	942	1068	1207	1360
Cond (Lb/hr)	686	795	909	1029	1160	1298	1451	1611	1789
Power (Bhp)	19	19.6	20	20.4	20.9	21.2	21.7	22	22.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3	3.4	3.9	4.3	4.7	5.2	5.7	6.3	6.8
SIT (°F)	-6	-2	3	8	12	17	21	26	30

120°F

Capacity (Btu/hr)*	43,058	50,650	58,813	67,324	76,385	86,311	96,706	108,174	120,171
Evap (Lb/hr)	414	494	581	675	777	890	1013	1149	1299
Cond (Lb/hr)	647	759	879	1003	1136	1281	1433	1601	1777
Power (Bhp)	21.2	21.7	22.3	22.8	23.2	23.7	24.1	24.6	25
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.4	2.8	3.2	3.6	4	4.4	4.8	5.3	5.8
SIT (°F)	-4	1	5	10	15	19	24	28	33
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 1330°F SCT, -40°F to 0°F SST see page 10
 70°F to 120°F SCT, 0°F to 50°F SST see page 11
 120°F to 130°F SCT, 0°F to 50°F SST see page 12

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT
120°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	43,058	50,650	58,813	67,324	76,385	86,311	96,706	108,174	120,171
Evap (Lb/hr)	414	494	581	675	777	890	1013	1149	1299
Cond (Lb/hr)	647	759	879	1003	1136	1281	1433	1601	1777
Power (Bhp)	21.2	21.7	22.3	22.8	23.2	23.7	24.1	24.6	25
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.4	2.8	3.2	3.6	4	4.4	4.8	5.3	5.8
SIT (°F)	-4	1	5	10	15	19	24	28	33

130°F

Capacity (Btu/hr)*	37,112	44,641	52,685	61,052	70,129	79,616	89,749	100,901	112,564
Evap (Lb/hr)	360	439	525	617	718	828	949	1082	1228
Cond (Lb/hr)	589	706	831	960	1100	1246	1402	1574	1755
Power (Bhp)	23.6	24.2	24.8	25.3	25.9	26.4	26.9	27.4	27.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.9	2.2	2.6	2.9	3.3	3.6	4	4.4	4.9
SIT (°F)	-1	4	8	13	17	22	27	31	36
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -40°F to 0°F SST see page 9
 70°F to 120°F SCT, 0°F to 50°F SST see page 11
 120°F to 130°F SCT, 0°F to 50°F SST see page 12

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

70°F	SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*		146,494	161,490	177,655	195,041	213,699	234,427	255,842	279,588	304,963	330,853	359,487
Evap (Lb/hr)		1527	1707	1905	2123	2363	2625	2913	3229	3573	3950	4362
Cond (Lb/hr)		1747	1927	2122	2334	2562	2818	3084	3382	3704	4037	4410
Power (kW)		14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	14.9	15
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		12.6	13.7	15	16.3	17.8	19.3	21	22.8	24.7	26.7	28.9
SIT (°F)		21	25	29	33	37	40	44	47	50	53.6	56.7
80°F												
Capacity (Btu/hr)*		142,541	157,234	173,077	190,126	208,436	228,057	249,034	272,333	296,234	322,743	349,701
Evap (Lb/hr)		1495	1672	1868	2083	2319	2579	2864	3177	3519	3895	4305
Cond (Lb/hr)		1766	1949	2148	2363	2595	2846	3116	3420	3734	4088	4453
Power (kW)		15.9	16.1	16.2	16.4	16.5	16.7	16.8	17	17	17.2	17.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		10.8	11.8	12.9	14	15.2	16.5	17.9	19.4	21	22.6	24.4
SIT (°F)		23	27	31	35	39	43	47	50	54	57.2	60.5
90°F												
Capacity (Btu/hr)*		138,088	152,006	167,456	184,088	201,961	221,130	241,645	264,464	287,902	312,809	340,473
Evap (Lb/hr)		1457	1631	1824	2036	2269	2526	2807	3117	3457	3829	4238
Cond (Lb/hr)		1781	1961	2162	2380	2616	2871	3145	3454	3775	4121	4509
Power (kW)		17.8	18	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.6	19.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		9.3	10.2	11.1	12	13	14.1	15.3	16.5	17.9	19.3	20.7
SIT (°F)		25	30	34	38	42	46	50	53	57	60.7	64.2
100°F												
Capacity (Btu/hr)*		132,657	146,663	161,766	177,461	194,883	213,581	233,612	255,025	278,869	303,289	329,216
Evap (Lb/hr)		1412	1584	1773	1981	2211	2464	2742	3048	3384	3754	4160
Cond (Lb/hr)		1786	1975	2180	2393	2632	2891	3171	3473	3812	4165	4545
Power (kW)		20	20.3	20.6	20.8	21.1	21.3	21.6	21.8	22.1	22.3	22.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8	8.7	9.5	10.3	11.2	12.1	13.1	14.1	15.2	16.4	17.7
SIT (°F)		28	32	36	41	45	49	53	57	60	64.1	67.8
110°F												
Capacity (Btu/hr)*		126,974	140,213	154,904	170,730	187,756	205,345	224,873	245,772	268,093	292,980	318,399
Evap (Lb/hr)		1360	1528	1714	1919	2144	2393	2667	2969	3301	3667	4070
Cond (Lb/hr)		1789	1975	2183	2408	2652	2906	3191	3498	3831	4206	4595
Power (kW)		22.4	22.7	23	23.4	23.7	24	24.3	24.6	24.9	25.2	25.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6.8	7.5	8.1	8.8	9.5	10.3	11.2	12.1	13	14	15.1
SIT (°F)		30	35	39	43	47	52	56	60	64	67.4	71.2
120°F												
Capacity (Btu/hr)*		120,171	133,461	147,315	162,693	179,243	197,033	215,364	235,730	257,508	280,749	305,500
Evap (Lb/hr)		1299	1464	1645	1846	2068	2312	2581	2879	3206	3568	3966
Cond (Lb/hr)		1777	1974	2179	2408	2656	2925	3205	3519	3858	4226	4623
Power (kW)		25	25.4	25.8	26.2	26.6	27	27.3	27.6	28	28.4	28.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.8	6.3	6.9	7.5	8.1	8.8	9.5	10.3	11.1	11.9	12.8
SIT (°F)		33	37	42	46	50	54	59	63	67	70.8	74.7
	SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 9
 120°F to 130°F SCT, -40°F to 0°F SST see page 10
 120°F to 130°F SCT, 0°F to 50°F SST see page 12

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

120°F		0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	SST (°F)	120,171	133,461	147,315	162,693	179,243	197,033	215,364	235,730	257,508	280,749	305,500
Evap (Lb/hr)		1299	1464	1645	1846	2068	2312	2581	2879	3206	3568	3966
Cond (Lb/hr)		1777	1974	2179	2408	2656	2925	3205	3519	3858	4226	4623
Power (kW)		25	25.4	25.8	26.2	26.6	27	27.3	27.6	28	28.4	28.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.8	6.3	6.9	7.5	8.1	8.8	9.5	10.3	11.1	11.9	12.8
SIT (°F)		33	37	42	46	50	54	59	63	67	70.8	74.7
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130°F		0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	SST (°F)	112,564	125,465	139,371	153,842	169,910	187,191	205,015	224,832	246,049	268,722	292,907
Evap (Lb/hr)		1228	1389	1567	1763	1980	2219	2484	2776	3098	3455	3849
Cond (Lb/hr)		1755	1955	2172	2398	2652	2926	3212	3533	3880	4257	4664
Power (kW)		27.9	28.4	28.9	29.2	29.7	30.2	30.5	31	31.4	31.9	32.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		4.9	5.3	5.8	6.3	6.9	7.5	8.1	8.8	9.4	10.2	10.9
SIT (°F)		36	40	44	49	53	57	62	66	70	74.1	78.1

70°F to 120°F SCT, -40°F to 0°F SST see page 9
 120°F to 130°F SCT, -40°F to 0°F SST see page 10
 70°F to 120°F SCT, 0°F to 50°F SST see page 11

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	67,142	75,602	84,946	94,832	105,804	117,393	130,277	144,239	159,345
Evap (Lb/hr)	630	719	817	925	1045	1177	1322	1483	1661
Cond (Lb/hr)	806	905	1016	1133	1262	1400	1553	1719	1900
Power (Bhp)	13.5	13.8	14.1	14.3	14.6	14.8	15	15.2	15.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6	6.6	7.3	8	8.7	9.6	10.5	11.5	12.5
SIT (°F)	-14	-9	-5	0	4	9	13	17	21

80°F

Capacity (Btu/hr)*	64,479	72,893	82,145	91,907	102,711	114,102	126,747	140,438	155,245
Evap (Lb/hr)	608	697	794	901	1020	1150	1294	1453	1628
Cond (Lb/hr)	805	908	1022	1141	1274	1414	1570	1739	1923
Power (Bhp)	15	15.4	15.7	16	16.3	16.6	16.8	17.1	17.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.7	6.3	6.9	7.6	8.3	9.1	9.9	10.8
SIT (°F)	-12	-7	-3	2	6	11	15	19	23

90°F

Capacity (Btu/hr)*	61,382	69,752	78,914	88,552	99,189	110,382	122,788	136,206	150,263
Evap (Lb/hr)	582	670	767	873	990	1119	1261	1417	1590
Cond (Lb/hr)	799	906	1023	1146	1282	1425	1584	1757	1938
Power (Bhp)	16.8	17.2	17.6	17.9	18.3	18.6	18.9	19.2	19.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.9	5.4	6	6.5	7.2	7.9	8.6	9.4
SIT (°F)	-10	-5	-1	4	8	13	17	21	26

100°F

Capacity (Btu/hr)*	57,597	66,074	74,946	84,663	94,867	106,127	118,291	131,048	145,195
Evap (Lb/hr)	550	638	734	839	955	1082	1221	1375	1545
Cond (Lb/hr)	784	897	1015	1145	1280	1431	1593	1764	1954
Power (Bhp)	18.7	19.2	19.6	20	20.4	20.8	21.2	21.4	21.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.2	4.6	5.1	5.6	6.2	6.7	7.4	8
SIT (°F)	-7	-3	2	6	11	15	19	24	28

110°F

Capacity (Btu/hr)*	53,323	61,589	70,544	79,910	90,175	100,938	112,817	125,635	139,047
Evap (Lb/hr)	512	600	695	799	913	1038	1175	1327	1493
Cond (Lb/hr)	761	876	1001	1132	1275	1425	1591	1770	1958
Power (Bhp)	20.9	21.4	21.9	22.3	22.8	23.2	23.6	24	24.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.1	3.5	3.9	4.3	4.8	5.3	5.8	6.3	6.9
SIT (°F)	-5	0	4	9	13	18	22	26	31

120°F

Capacity (Btu/hr)*	48,166	56,523	65,210	74,636	84,490	95,296	106,611	119,102	132,162
Evap (Lb/hr)	466	553	648	750	862	985	1120	1269	1433
Cond (Lb/hr)	723	846	973	1111	1255	1413	1579	1762	1954
Power (Bhp)	23.3	23.9	24.4	25	25.4	25.9	26.4	26.8	27.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.5	2.9	3.2	3.6	4	4.4	4.9	5.4	5.9
SIT (°F)	-2	2	7	11	16	20	25	29	34
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -40°F to 0°F SST see page 14

70°F to 120°F SCT, 0°F to 50°F SST see page 15

120°F to 130°F SCT, 0°F to 50°F SST see page 16

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	48,166	56,523	65,210	74,636	84,490	95,296	106,611	119,102	132,162
Evap (Lb/hr)	466	553	648	750	862	985	1120	1269	1433
Cond (Lb/hr)	723	846	973	1111	1255	1413	1579	1762	1954
Power (Bhp)	23.3	23.9	24.4	25	25.4	25.9	26.4	26.8	27.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.5	2.9	3.2	3.6	4	4.4	4.9	5.4	5.9
SIT (°F)	-2	2	7	11	16	20	25	29	34

130°F

Capacity (Btu/hr)*	42,169	50,318	59,040	68,305	77,969	88,527	99,568	111,726	124,820
Evap (Lb/hr)	411	498	591	692	803	923	1056	1201	1361
Cond (Lb/hr)	668	795	930	1073	1222	1384	1554	1742	1945
Power (Bhp)	25.9	26.5	27.2	27.8	28.3	28.9	29.4	29.9	30.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2	2.3	2.6	3	3.3	3.7	4.1	4.5	4.9
SIT (°F)	1	6	10	14	19	23	28	32	36
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -40°F to 0°F SST see page 13
 70°F to 120°F SCT, 0°F to 50°F SST see page 15
 120°F to 130°F SCT, 0°F to 50°F SST see page 16

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
1750 rpm
Displacement 48 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	159,345	175,661	193,243	212,145	232,414	254,088	278,114	302,781	330,051	359,034	389,739
Evap (Lb/hr)	1661	1857	2073	2309	2570	2855	3167	3508	3881	4287	4729
Cond (Lb/hr)	1900	2096	2309	2538	2786	3053	3352	3662	4008	4381	4781
Power (kW)	15.3	15.5	15.6	15.7	15.8	15.9	16	16.1	16.2	16.3	16.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.5	13.7	14.9	16.3	17.7	19.3	20.9	22.7	24.6	26.6	28.7
SIT (°F)	21	25	29	33	37	41	44	48	51	53.9	56.8

80°F

Capacity (Btu/hr)*	155,245	170,721	187,893	206,361	226,177	248,197	270,928	295,122	321,919	350,446	380,726
Evap (Lb/hr)	1628	1821	2034	2268	2525	2807	3116	3454	3825	4229	4670
Cond (Lb/hr)	1923	2116	2331	2564	2815	3097	3390	3705	4058	4438	4848
Power (kW)	17.3	17.4	17.6	17.8	17.9	18.1	18.2	18.4	18.5	18.7	18.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14	15.2	16.5	17.9	19.4	21	22.6	24.4
SIT (°F)	23	28	32	36	40	43	47	51	54	57.3	60.4

90°F

Capacity (Btu/hr)*	150,263	165,867	182,687	200,784	220,216	241,032	263,275	286,980	313,280	340,089	369,774
Evap (Lb/hr)	1590	1780	1990	2220	2474	2753	3059	3394	3761	4163	4603
Cond (Lb/hr)	1938	2140	2359	2596	2852	3129	3427	3748	4108	4480	4897
Power (kW)	19.4	19.6	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.4	10.2	11.1	12	13.1	14.2	15.3	16.6	17.9	19.3	20.7
SIT (°F)	26	30	34	38	42	46	50	54	57	60.8	64.1

100°F

Capacity (Btu/hr)*	145,195	159,971	176,369	194,017	212,976	233,301	255,041	278,236	302,917	330,323	358,157
Evap (Lb/hr)	1545	1733	1939	2166	2416	2691	2994	3325	3689	4088	4526
Cond (Lb/hr)	1954	2153	2376	2616	2877	3158	3461	3788	4141	4536	4945
Power (kW)	21.8	22	22.3	22.6	22.9	23.2	23.4	23.7	23.9	24.2	24.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8	8.8	9.5	10.3	11.2	12.1	13.1	14.2	15.3	16.5	17.7
SIT (°F)	28	33	37	41	45	49	53	57	61	64.2	67.7

110°F

Capacity (Btu/hr)*	139,047	153,919	169,409	186,598	205,072	224,891	246,109	268,772	292,919	318,576	347,100
Evap (Lb/hr)	1493	1677	1880	2104	2350	2621	2919	3247	3607	4002	4437
Cond (Lb/hr)	1958	2168	2387	2632	2896	3183	3492	3826	4185	4573	5009
Power (kW)	24.4	24.8	25.1	25.4	25.8	26.1	26.4	26.7	27	27.3	27.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.9	7.5	8.2	8.9	9.6	10.4	11.2	12.1	13.1	14.1	15.1
SIT (°F)	31	35	40	44	48	52	56	60	64	67.7	71.3

120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	132,162	146,630	162,221	178,417	196,393	215,689	236,364	258,472	282,056	307,153	333,784
Evap (Lb/hr)	1433	1613	1812	2031	2273	2540	2833	3156	3512	3903	4334
Cond (Lb/hr)	1954	2167	2399	2640	2910	3202	3517	3858	4226	4623	5051
Power (kW)	27.2	27.7	28.1	28.5	28.9	29.3	29.7	30.1	30.5	30.8	31.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.4	7	7.6	8.2	8.9	9.6	10.4	11.2	12	12.9
SIT (°F)	34	38	42	47	51	55	59	63	67	71.1	74.8

70°F to 120°F SCT, -40°F to 0°F SST see page 13
120°F to 130°F SCT, -40°F to 0°F SST see page 14
120°F to 130°F SCT, 0°F to 50°F SST see page 16

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT
 120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	132,162	146,630	162,221	178,417	196,393	215,689	236,364	258,472	282,056	307,153	333,784
Evap (Lb/hr)	1433	1613	1812	2031	2273	2540	2833	3156	3512	3903	4334
Cond (Lb/hr)	1954	2167	2399	2640	2910	3202	3517	3858	4226	4623	5051
Power (kW)	27.2	27.7	28.1	28.5	28.9	29.3	29.7	30.1	30.5	30.8	31.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.4	7	7.6	8.2	8.9	9.6	10.4	11.2	12	12.9
SIT (°F)	34	38	42	47	51	55	59	63	67	71.1	74.8

130°F

Capacity (Btu/hr)*	124,820	138,488	153,630	169,366	186,828	205,583	225,695	247,220	270,211	294,710	320,748
Evap (Lb/hr)	1361	1538	1733	1948	2185	2446	2734	3052	3403	3789	4214
Cond (Lb/hr)	1945	2157	2393	2639	2915	3213	3535	3884	4261	4668	5108
Power (kW)	30.5	30.9	31.4	31.8	32.3	32.8	33.3	33.7	34.2	34.6	35.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.9	5.4	5.9	6.4	7	7.6	8.2	8.8	9.5	10.3	11
SIT (°F)	36	41	45	50	54	58	62	66	70	74.4	78.2
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 13
 120°F to 130°F SCT, -40°F to 0°F SST see page 14
 70°F to 120°F SCT, 0°F to 50°F SST see page 15

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
1750 rpm
Displacement 54 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	76,308	86,061	96,638	108,123	120,600	133,783	148,442	164,329	181,519
Evap (Lb/hr)	720	821	932	1055	1191	1341	1507	1690	1892
Cond (Lb/hr)	915	1030	1155	1291	1439	1595	1769	1959	2165
Power (Bhp)	15.5	15.9	16.2	16.5	16.8	17	17.2	17.4	17.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.5	7.2	7.9	8.7	9.5	10.4	11.4	12.5
SIT (°F)	-12	-8	-4	0	4	9	13	17	21
80°F									
Capacity (Btu/hr)*	73,587	83,302	93,797	104,877	117,151	130,455	144,871	160,480	176,836
Evap (Lb/hr)	697	798	909	1031	1166	1315	1479	1660	1860
Cond (Lb/hr)	918	1037	1166	1302	1453	1617	1794	1988	2190
Power (Bhp)	17.4	17.8	18.2	18.4	18.8	19	19.3	19.6	19.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.7	6.2	6.9	7.5	8.3	9	9.9	10.8
SIT (°F)	-10	-6	-2	3	7	11	15	19	24
90°F									
Capacity (Btu/hr)*	70,439	80,110	90,278	101,474	113,577	126,670	140,434	155,704	172,204
Evap (Lb/hr)	671	772	882	1003	1137	1284	1446	1625	1822
Cond (Lb/hr)	916	1040	1169	1312	1467	1635	1811	2008	2221
Power (Bhp)	19.4	19.9	20.3	20.7	21	21.4	21.6	21.9	22.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.9	5.4	5.9	6.5	7.1	7.8	8.6	9.3
SIT (°F)	-8	-4	1	5	9	13	18	22	26
100°F									
Capacity (Btu/hr)*	66,586	76,181	86,465	97,528	109,150	121,985	135,850	150,384	166,501
Evap (Lb/hr)	639	740	849	970	1102	1247	1407	1583	1777
Cond (Lb/hr)	905	1033	1170	1318	1472	1644	1829	2023	2240
Power (Bhp)	21.7	22.2	22.7	23.1	23.5	23.9	24.3	24.6	24.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.1	4.6	5.1	5.6	6.2	6.7	7.4	8.1
SIT (°F)	-5	-1	3	7	12	16	20	25	29
110°F									
Capacity (Btu/hr)*	62,113	71,628	81,787	92,678	104,388	116,669	130,230	144,863	160,652
Evap (Lb/hr)	601	701	810	929	1059	1203	1360	1534	1725
Cond (Lb/hr)	884	1017	1159	1311	1475	1646	1835	2040	2262
Power (Bhp)	24.1	24.7	25.3	25.8	26.3	26.7	27.1	27.6	28
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.1	3.5	3.9	4.3	4.8	5.3	5.8	6.3	6.9
SIT (°F)	-2	2	6	10	14	19	23	27	31
120°F									
Capacity (Btu/hr)*	57,062	66,347	76,380	87,098	98,591	110,945	123,880	138,168	153,570
Evap (Lb/hr)	555	655	763	880	1009	1150	1306	1476	1665
Cond (Lb/hr)	855	991	1138	1295	1463	1644	1833	2043	2269
Power (Bhp)	27	27.5	28.2	28.7	29.3	29.9	30.3	30.8	31.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.6	2.9	3.3	3.7	4.1	4.5	4.9	5.4	5.9
SIT (°F)	0	5	9	13	17	21	26	30	34
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 150°F SCT, 0°F to 40°F SST see page 18
70°F to 120°F SCT, 0°F to 50°F SST see page 19
120°F to 130°F SCT, 0°F to 50°F SST see page 20

*Compressor capacity shown. Evaporation capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT

120°F		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			57,062	66,347	76,380	87,098	98,591	110,945	123,880	138,168	153,570
Evap (Lb/hr)			555	655	763	880	1009	1150	1306	1476	1665
Cond (Lb/hr)			855	991	1138	1295	1463	1644	1833	2043	2269
Power (Bhp)			27	27.5	28.2	28.7	29.3	29.9	30.3	30.8	31.3
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.6	2.9	3.3	3.7	4.1	4.5	4.9	5.4	5.9
SIT (°F)			0	5	9	13	17	21	26	30	34

130°F		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			50,873	60,228	70,136	80,683	91,959	103,746	116,701	130,644	145,206
Evap (Lb/hr)			500	599	706	822	949	1088	1241	1409	1594
Cond (Lb/hr)			804	949	1103	1265	1439	1621	1820	2036	2261
Power (Bhp)			29.9	30.6	31.3	32	32.7	33.2	33.8	34.4	34.9
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.1	2.4	2.7	3	3.4	3.8	4.2	4.6	5
SIT (°F)			4	8	12	16	20	25	29	33	38

70°F to 120°F SCT, -40°F to 0°F SST see page 17
 70°F to 120°F SCT, 0°F to 50°F SST see page 19
 120°F to 130°F SCT, 0°F to 50°F SST see page 20

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	181,519	200,084	220,089	241,595	264,656	289,316	316,654	344,723	375,759	408,747	443,700
Evap (Lb/hr)	1892	2115	2360	2630	2926	3251	3606	3994	4418	4880	5384
Cond (Lb/hr)	2165	2388	2629	2891	3173	3477	3817	4169	4563	4987	5442
Power (kW)	17.5	17.7	17.8	18	18.1	18.2	18.3	18.4	18.5	18.7	18.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.5	13.6	14.9	16.2	17.7	19.2	20.9	22.6	24.5	26.4	28.5
SIT (°F)	21	25	29	33	37	41	44	48	51	54.3	57.4

80°F

Capacity (Btu/hr)*	176,836	194,992	214,555	235,588	258,148	282,286	309,072	336,589	367,058	398,059	432,305
Evap (Lb/hr)	1860	2080	2322	2589	2882	3203	3555	3940	4361	4820	5322
Cond (Lb/hr)	2190	2417	2662	2927	3213	3522	3867	4226	4627	5041	5504
Power (kW)	19.7	19.9	20.1	20.3	20.5	20.6	20.8	21	21.2	21.3	21.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14	15.2	16.5	17.9	19.4	20.9	22.5	24.3
SIT (°F)	24	28	32	36	40	44	47	51	54	57.7	60.9

90°F

Capacity (Btu/hr)*	172,204	190,009	209,193	229,094	251,961	275,661	300,969	327,920	356,537	388,238	421,913
Evap (Lb/hr)	1822	2039	2278	2541	2831	3148	3497	3878	4296	4753	5252
Cond (Lb/hr)	2221	2451	2701	2961	3263	3578	3917	4282	4675	5114	5588
Power (kW)	22.2	22.5	22.7	22.9	23.2	23.4	23.6	23.8	24	24.3	24.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.3	10.2	11.1	12.1	13.1	14.2	15.4	16.6	17.9	19.3	20.7
SIT (°F)	26	30	34	39	42	46	50	54	58	61	64.3

100°F

Capacity (Btu/hr)*	166,501	183,885	202,613	222,754	244,374	267,533	292,280	318,658	346,695	377,802	409,341
Evap (Lb/hr)	1777	1992	2227	2487	2772	3086	3431	3809	4223	4676	5172
Cond (Lb/hr)	2240	2475	2729	3004	3300	3621	3967	4339	4739	5188	5652
Power (kW)	24.9	25.3	25.6	25.9	26.2	26.5	26.7	27	27.3	27.6	27.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.1	8.8	9.6	10.4	11.3	12.2	13.2	14.2	15.3	16.5	17.7
SIT (°F)	29	33	37	41	45	49	53	57	61	64.4	67.8

110°F

Capacity (Btu/hr)*	160,652	177,123	195,391	215,041	236,141	258,756	282,940	308,742	336,196	365,325	397,672
Evap (Lb/hr)	1725	1936	2169	2424	2706	3015	3356	3730	4140	4590	5083
Cond (Lb/hr)	2262	2494	2752	3032	3335	3662	4014	4394	4804	5244	5739
Power (kW)	28	28.3	28.7	29.1	29.5	29.8	30.2	30.5	30.9	31.2	31.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.9	7.5	8.2	8.9	9.7	10.5	11.3	12.2	13.1	14.1	15.2
SIT (°F)	31	36	40	44	48	52	56	60	64	67.8	71.4

120°F

Capacity (Btu/hr)*	153,570	169,633	187,444	206,603	227,184	248,391	271,908	297,018	323,762	353,528	383,771
Evap (Lb/hr)	1665	1872	2100	2352	2630	2935	3271	3640	4046	4493	4983
Cond (Lb/hr)	2269	2506	2771	3056	3365	3686	4045	4433	4850	5321	5807
Power (kW)	31.3	31.7	32.2	32.6	33.1	33.4	33.8	34.3	34.7	35.2	35.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.5	7	7.6	8.3	9	9.7	10.5	11.3	12.1	13
SIT (°F)	34	39	43	47	51	56	60	64	68	71.4	75.1
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 17
 120°F to 130°F SCT, -40°F to 0°F SST see page 18
 120°F to 130°F SCT, 0°F to 50°F SST see page 20

*Compressor capacity shown. Evaporation capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	153,570	169,633	187,444	206,603	227,184	248,391	271,908	297,018	323,762	353,528	383,771
Evap (Lb/hr)	1665	1872	2100	2352	2630	2935	3271	3640	4046	4493	4983
Cond (Lb/hr)	2269	2506	2771	3056	3365	3686	4045	4433	4850	5321	5807
Power (kW)	31.3	31.7	32.2	32.6	33.1	33.4	33.8	34.3	34.7	35.2	35.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.5	7	7.6	8.3	9	9.7	10.5	11.3	12.1	13
SIT (°F)	34	39	43	47	51	56	60	64	68	71.4	75.1

130°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	145,206	161,324	178,678	196,688	216,669	238,108	261,069	285,611	311,783	339,621	369,149
Evap (Lb/hr)	1594	1797	2022	2269	2542	2843	3174	3539	3941	4383	4870
Cond (Lb/hr)	2261	2511	2781	3063	3379	3720	4088	4486	4915	5379	5878
Power (kW)	34.9	35.4	36	36.4	36.9	37.5	38	38.5	39	39.5	40
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5	5.5	6	6.5	7.1	7.7	8.3	9	9.6	10.4	11.1
SIT (°F)	38	42	46	51	55	59	63	67	71	75.2	79
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 17
 120°F to 130°F SCT, -40°F to 0°F SST see page 18
 70°F to 120°F SCT, 0°F to 50°F SST see page 19

*Compressor capacity shown. Evaporation capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	91,446	103,444	116,258	130,213	145,400	161,908	179,824	199,235	220,219
Evap (Lb/hr)	867	989	1124	1274	1439	1623	1825	2049	2296
Cond (Lb/hr)	1095	1237	1389	1554	1734	1930	2143	2375	2626
Power (Bhp)	19.5	19.9	20.2	20.5	20.8	21	21.3	21.5	21.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.7	6.3	6.9	7.6	8.4	9.3	10.2	11.2	12.3
SIT (°F)	-10	-7	-3	1	5	9	13	17	21

80°F

Capacity (Btu/hr)*	88,805	100,477	113,149	126,913	141,861	158,083	175,669	194,703	215,270
Evap (Lb/hr)	846	968	1103	1251	1416	1598	1798	2020	2264
Cond (Lb/hr)	1106	1249	1405	1574	1758	1958	2175	2411	2666
Power (Bhp)	21.7	22.1	22.5	22.9	23.3	23.6	23.8	24.1	24.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.9	5.5	6.1	6.7	7.4	8.1	8.9	9.7	10.7
SIT (°F)	-8	-4	0	4	8	12	16	20	24

90°F

Capacity (Btu/hr)*	85,658	97,269	109,834	123,447	138,202	154,190	171,010	189,669	209,818
Evap (Lb/hr)	820	942	1076	1224	1387	1567	1766	1985	2226
Cond (Lb/hr)	1112	1261	1421	1595	1784	1989	2204	2445	2705
Power (Bhp)	24.2	24.7	25.2	25.6	26.1	26.4	26.7	27	27.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.3	4.7	5.3	5.8	6.4	7	7.7	8.5	9.3
SIT (°F)	-6	-2	2	6	10	14	19	23	27

100°F

Capacity (Btu/hr)*	81,709	93,221	105,638	119,056	133,567	149,266	166,244	184,589	203,771
Evap (Lb/hr)	788	910	1043	1190	1352	1530	1727	1943	2182
Cond (Lb/hr)	1108	1262	1428	1607	1800	2010	2237	2483	2740
Power (Bhp)	27	27.5	28.1	28.6	29.1	29.6	30	30.4	30.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.1	4.5	5	5.5	6.1	6.7	7.3	8
SIT (°F)	-3	1	5	9	13	17	21	25	30

110°F

Capacity (Btu/hr)*	77,108	88,516	100,781	113,998	128,262	143,667	160,305	178,267	197,036
Evap (Lb/hr)	750	871	1003	1149	1309	1485	1680	1894	2129
Cond (Lb/hr)	1096	1255	1427	1611	1810	2025	2257	2509	2772
Power (Bhp)	30	30.7	31.3	31.9	32.5	33	33.6	34	34.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.1	3.5	3.9	4.3	4.8	5.2	5.8	6.3	6.9
SIT (°F)	0	4	8	12	16	20	24	28	33

120°F

Capacity (Btu/hr)*	71,968	83,302	95,446	108,498	122,203	137,306	153,598	171,170	189,521
Evap (Lb/hr)	704	824	956	1100	1258	1432	1624	1835	2067
Cond (Lb/hr)	1076	1242	1420	1611	1811	2032	2271	2529	2798
Power (Bhp)	33.6	34.3	35	35.7	36.3	36.9	37.5	38.1	38.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.6	2.9	3.3	3.7	4.1	4.5	4.9	5.4	5.9
SIT (°F)	2	6	10	14	19	23	27	31	36
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -40°F to 0°F SST see page 22
 70°F to 120°F SCT, 0°F to 50°F SST see page 23
 120°F to 130°F SCT, 0°F to 50°F SST see page 24

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	71,968	83,302	95,446	108,498	122,203	137,306	153,598	171,170	189,521
Evap (Lb/hr)	704	824	956	1100	1258	1432	1624	1835	2067
Cond (Lb/hr)	1076	1242	1420	1611	1811	2032	2271	2529	2798
Power (Bhp)	33.6	34.3	35	35.7	36.3	36.9	37.5	38.1	38.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.6	2.9	3.3	3.7	4.1	4.5	4.9	5.4	5.9
SIT (°F)	2	6	10	14	19	23	27	31	36

130°F

Capacity (Btu/hr)*	65,817	77,034	89,013	101,850	115,643	130,102	146,038	163,209	181,135
Evap (Lb/hr)	649	768	899	1041	1197	1369	1558	1765	1994
Cond (Lb/hr)	1039	1213	1398	1596	1808	2031	2276	2541	2818
Power (Bhp)	37.4	38.3	39.1	39.8	40.6	41.2	41.9	42.6	43.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.1	2.4	2.7	3.1	3.4	3.8	4.2	4.6	5.1
SIT (°F)	5	9	13	17	21	26	30	34	39
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -40°F to 0°F SST see page 21
 70°F to 120°F SCT, 0°F to 50°F SST see page 23
 120°F to 130°F SCT, 0°F to 50°F SST see page 24

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
3500 rpm
Displacement 65 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	220,219	242,854	267,208	293,345	321,316	351,162	384,177	417,981	455,267	494,781	536,510
Evap (Lb/hr)	2296	2567	2866	3193	3553	3945	4375	4843	5353	5907	6510
Cond (Lb/hr)	2626	2898	3192	3510	3852	4220	4630	5055	5529	6037	6581
Power (kW)	21.6	21.8	21.9	22.1	22.2	22.3	22.5	22.6	22.8	23	23.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.3	13.5	14.7	16	17.5	19	20.6	22.3	24.1	26	27.9
SIT (°F)	21	25	29	33	37	41	44	48	51	54.3	57.3

80°F

Capacity (Btu/hr)*	215,270	237,446	261,304	286,908	314,314	343,568	375,956	409,124	445,749	482,867	523,739
Evap (Lb/hr)	2264	2533	2828	3153	3509	3898	4324	4789	5296	5848	6447
Cond (Lb/hr)	2666	2943	3242	3564	3912	4286	4704	5136	5619	6115	6669
Power (kW)	24.3	24.5	24.8	24.9	25.1	25.3	25.6	25.7	26	26.2	26.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.7	11.7	12.7	13.9	15.1	16.4	17.7	19.2	20.7	22.3	23.9
SIT (°F)	24	28	32	36	40	44	47	51	54	57.6	60.7

90°F

Capacity (Btu/hr)*	209,818	231,537	254,899	279,973	306,818	335,482	366,000	399,781	434,204	472,214	512,421
Evap (Lb/hr)	2226	2492	2785	3106	3458	3844	4267	4728	5232	5781	6378
Cond (Lb/hr)	2705	2986	3290	3619	3973	4354	4763	5221	5693	6220	6786
Power (kW)	27.3	27.6	27.9	28.2	28.4	28.7	28.9	29.2	29.5	29.8	30.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.3	10.1	11	12	13	14.1	15.3	16.5	17.8	19.1	20.5
SIT (°F)	27	31	35	39	43	47	51	54	58	61	64.2

100°F

Capacity (Btu/hr)*	203,771	225,030	247,896	272,438	298,720	326,792	356,696	389,831	423,608	459,246	498,599
Evap (Lb/hr)	2182	2445	2734	3051	3400	3783	4201	4659	5159	5705	6300
Cond (Lb/hr)	2740	3027	3338	3672	4033	4422	4840	5307	5790	6307	6884
Power (kW)	30.7	31.1	31.4	31.7	32.1	32.4	32.7	33.1	33.4	33.7	34.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8	8.7	9.5	10.4	11.2	12.2	13.2	14.2	15.3	16.4	17.6
SIT (°F)	30	34	38	42	46	50	54	57	61	64.5	67.8

110°F

Capacity (Btu/hr)*	197,036	217,831	240,194	264,199	289,911	317,388	346,671	377,791	410,759	447,256	485,933
Evap (Lb/hr)	2129	2389	2674	2988	3333	3711	4126	4580	5077	5619	6211
Cond (Lb/hr)	2772	3065	3382	3724	4093	4490	4917	5376	5868	6420	7013
Power (kW)	34.4	34.9	35.3	35.7	36.1	36.5	36.9	37.3	37.7	38.2	38.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.9	7.5	8.2	8.9	9.7	10.5	11.3	12.2	13.2	14.1	15.1
SIT (°F)	33	37	41	45	49	53	57	61	65	68.1	71.4

120°F

Capacity (Btu/hr)*	189,521	209,842	231,694	255,153	280,287	307,156	335,809	366,279	398,584	432,719	470,517
Evap (Lb/hr)	2067	2323	2605	2915	3255	3629	4039	4489	4982	5520	6109
Cond (Lb/hr)	2798	3099	3423	3773	4150	4557	4995	5466	5971	6512	7120
Power (kW)	38.5	39.1	39.6	40.1	40.6	41.1	41.6	42	42.5	42.9	43.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.5	7.1	7.7	8.3	9	9.7	10.5	11.3	12.2	13
SIT (°F)	36	40	44	48	52	56	60	64	68	71.6	75.1

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
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70°F to 120°F SCT, -40°F to 0°F SST see page 21
120°F to 130°F SCT, -40°F to 0°F SST see page 22
120°F to 130°F SCT, 0°F to 50°F SST see page 24

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	189,521	209,842	231,694	255,153	280,287	307,156	335,809	366,279	398,584	432,719	470,517
Evap (Lb/hr)	2067	2323	2605	2915	3255	3629	4039	4489	4982	5520	6109
Cond (Lb/hr)	2798	3099	3423	3773	4150	4557	4995	5466	5971	6512	7120
Power (kW)	38.5	39.1	39.6	40.1	40.6	41.1	41.6	42	42.5	42.9	43.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.9	6.5	7.1	7.7	8.3	9	9.7	10.5	11.3	12.2	13
SIT (°F)	36	40	44	48	52	56	60	64	68	71.6	75.1

130°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	181,135	200,972	222,301	245,200	268,809	294,941	322,819	352,481	385,422	418,869	454,115
Evap (Lb/hr)	1994	2246	2524	2829	3165	3534	3940	4384	4872	5406	5991
Cond (Lb/hr)	2818	3126	3459	3818	4190	4606	5054	5536	6076	6634	7231
Power (kW)	43.1	43.7	44.3	44.9	45.4	46	46.5	47.1	47.8	48.3	48.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.5	6	6.6	7.1	7.7	8.4	9	9.7	10.5	11.2
SIT (°F)	39	43	47	51	56	60	64	68	71	75.1	78.7
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 21
 120°F to 130°F SCT, -40°F to 0°F SST see page 22
 70°F to 120°F SCT, 0°F to 50°F SST see page 23

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
3500 rpm
Displacement 78 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
70°F									
Capacity (Btu/hr)*	106,001	120,201	135,484	152,212	170,478	190,370	211,975	235,375	260,647
Evap (Lb/hr)	1007	1152	1313	1493	1692	1913	2158	2428	2725
Cond (Lb/hr)	1268	1437	1618	1816	2032	2268	2525	2805	3107
Power (Bhp)	24.5	25	25.4	25.7	25.9	26.1	26.3	26.4	26.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.8	6.4	7.1	7.9	8.8	9.7	10.8	11.9
SIT (°F)	-9	-6	-2	2	6	10	14	18	22
80°F									
Capacity (Btu/hr)*	103,720	117,532	132,642	149,144	167,132	186,697	207,927	230,907	255,717
Evap (Lb/hr)	990	1135	1296	1475	1673	1892	2135	2402	2697
Cond (Lb/hr)	1291	1461	1646	1849	2070	2311	2573	2858	3166
Power (Bhp)	27.3	27.9	28.3	28.7	29	29.3	29.5	29.6	29.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.6	5.1	5.6	6.3	7	7.7	8.5	9.4	10.4
SIT (°F)	-7	-3	1	5	9	13	17	21	25
90°F									
Capacity (Btu/hr)*	100,786	114,519	129,499	145,821	163,581	182,872	203,783	225,738	250,062
Evap (Lb/hr)	967	1112	1272	1450	1646	1864	2104	2369	2661
Cond (Lb/hr)	1308	1483	1675	1884	2111	2358	2626	2908	3222
Power (Bhp)	30.5	31.1	31.6	32.1	32.5	32.8	33.1	33.3	33.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4	4.4	4.9	5.5	6.1	6.7	7.4	8.2	9
SIT (°F)	-5	-1	3	7	11	15	19	24	28
100°F									
Capacity (Btu/hr)*	96,899	110,517	125,323	141,415	158,888	177,836	198,351	220,522	244,432
Evap (Lb/hr)	937	1082	1241	1417	1612	1828	2066	2328	2617
Cond (Lb/hr)	1313	1495	1693	1907	2140	2393	2668	2965	3286
Power (Bhp)	33.9	34.6	35.3	35.8	36.3	36.7	37.1	37.4	37.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.4	3.8	4.3	4.8	5.3	5.8	6.4	7.1	7.8
SIT (°F)	-2	2	6	10	14	18	22	26	30
110°F									
Capacity (Btu/hr)*	92,284	105,793	120,433	136,299	153,489	172,096	192,214	213,932	237,335
Evap (Lb/hr)	900	1044	1202	1378	1571	1784	2020	2279	2565
Cond (Lb/hr)	1311	1499	1704	1925	2165	2424	2705	3009	3338
Power (Bhp)	37.7	38.6	39.3	40	40.6	41.1	41.6	42	42.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.9	3.3	3.7	4.1	4.6	5.1	5.6	6.1	6.8
SIT (°F)	1	5	9	13	17	21	25	29	33
120°F									
Capacity (Btu/hr)*	86,892	100,305	114,789	130,440	147,355	165,629	185,356	206,625	229,523
Evap (Lb/hr)	854	998	1156	1330	1521	1732	1965	2221	2503
Cond (Lb/hr)	1297	1494	1706	1935	2183	2450	2739	3051	3388
Power (Bhp)	42	43	43.8	44.6	45.3	45.9	46.5	47	47.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.5	2.8	3.2	3.5	3.9	4.4	4.8	5.3	5.8
SIT (°F)	4	8	12	16	20	24	28	32	36
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

120°F to 130°F SCT, -40°F to 0°F SST see page 26
70°F to 120°F SCT, 0°F to 50°F SST see page 27
120°F to 130°F SCT, 0°F to 50°F SST see page 27

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT

120°F		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			86,892	100,305	114,789	130,440	147,355	165,629	185,356	206,625	229,523
Evap (Lb/hr)			854	998	1156	1330	1521	1732	1965	2221	2503
Cond (Lb/hr)			1297	1494	1706	1935	2183	2450	2739	3051	3388
Power (Bhp)			42	43	43.8	44.6	45.3	45.9	46.5	47	47.5
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.5	2.8	3.2	3.5	3.9	4.4	4.8	5.3	5.8
SIT (°F)			4	8	12	16	20	24	28	32	36
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130°F											
Capacity (Btu/hr)*			80,447	94,000	108,343	123,795	140,450	158,405	177,754	197,970	220,288
Evap (Lb/hr)			799	943	1100	1273	1463	1672	1902	2155	2433
Cond (Lb/hr)			1267	1477	1698	1937	2193	2470	2768	3079	3425
Power (Bhp)			46.7	47.9	48.9	49.8	50.6	51.3	52	52.4	53
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.1	2.4	2.7	3	3.4	3.7	4.1	4.6	5
SIT (°F)			8	11	15	19	23	27	31	36	40
		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

70°F to 120°F SCT, -40°F to 0°F SST see page 25
 70°F to 120°F SCT, 0°F to 50°F SST see page 27
 120°F to 130°F SCT, 0°F to 50°F SST see page 28

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
3500 rpm
Displacement 78 CFM @ 60 Hz

**SCT
70°F**

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	260,647	287,862	317,081	348,355	382,934	418,557	457,819	497,853	541,831	588,217	636,953
Evap (Lb/hr)	2725	3052	3411	3804	4234	4703	5213	5768	6371	7023	7728
Cond (Lb/hr)	3107	3434	3787	4167	4590	5030	5518	6021	6580	7177	7813
Power (kW)	26.4	26.5	26.5	26.6	26.8	26.9	27.1	27.3	27.6	28	28.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	11.9	13.1	14.4	15.8	17.3	18.8	20.4	22	23.7	25.4	27
SIT (°F)	22	26	30	34	37	41	44	48	51	54	56.9

80°F

Capacity (Btu/hr)*	255,717	282,431	311,113	341,819	374,591	410,805	447,927	488,825	530,297	575,842	623,733
Evap (Lb/hr)	2697	3022	3378	3768	4195	4661	5169	5722	6322	6973	7678
Cond (Lb/hr)	3166	3499	3858	4245	4661	5125	5604	6137	6684	7293	7942
Power (kW)	29.8	29.9	30	30.1	30.3	30.5	30.7	31	31.3	31.7	32.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.4	11.4	12.5	13.7	14.9	16.2	17.6	19	20.4	21.9	23.3
SIT (°F)	25	29	33	37	41	44	48	51	55	58	60.9

90°F

Capacity (Btu/hr)*	250,062	276,246	304,357	334,453	366,582	400,773	438,536	477,042	519,447	562,191	609,114
Evap (Lb/hr)	2661	2983	3335	3722	4145	4608	5112	5662	6259	6907	7610
Cond (Lb/hr)	3222	3561	3927	4322	4745	5200	5707	6229	6810	7405	8067
Power (kW)	33.5	33.7	33.9	34.1	34.3	34.5	34.8	35.1	35.5	35.9	36.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9	9.9	10.8	11.8	12.9	14	15.2	16.4	17.6	18.9	20.1
SIT (°F)	28	32	36	40	44	48	51	55	58	61.5	64.6

100°F

Capacity (Btu/hr)*	244,432	269,324	296,839	326,296	357,743	391,215	428,213	465,937	505,685	549,442	595,515
Evap (Lb/hr)	2617	2935	3284	3667	4086	4544	5044	5588	6181	6826	7525
Cond (Lb/hr)	3286	3622	3995	4397	4829	5293	5810	6343	6911	7545	8222
Power (kW)	37.8	37.9	38.2	38.4	38.7	39	39.4	39.8	40.1	40.7	41.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.6	9.4	10.2	11.2	12.1	13.1	14.1	15.2	16.3	17.4
SIT (°F)	30	35	39	43	47	51	54	58	62	64.9	68

110°F

Capacity (Btu/hr)*	237,335	261,680	288,584	317,380	348,120	380,842	415,566	453,926	492,812	535,659	580,799
Evap (Lb/hr)	2565	2879	3223	3602	4016	4469	4963	5503	6091	6730	7424
Cond (Lb/hr)	3338	3681	4062	4472	4913	5387	5894	6459	7041	7689	8382
Power (kW)	42.4	42.6	42.9	43.3	43.6	44	44.4	44.9	45.3	46	46.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.8	7.4	8.1	8.8	9.6	10.4	11.3	12.2	13.1	14.1	15
SIT (°F)	33	38	42	46	50	54	58	61	65	68.1	71.3

120°F

Capacity (Btu/hr)*	229,523	253,321	279,610	307,738	337,758	369,710	403,618	441,097	479,080	520,966	565,108
Evap (Lb/hr)	2503	2813	3154	3527	3936	4384	4873	5406	5988	6620	7308
Cond (Lb/hr)	3388	3739	4129	4549	5000	5484	6003	6582	7177	7841	8551
Power (kW)	47.5	47.8	48.2	48.7	49.1	49.5	50	50.6	51.1	51.8	52.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.8	6.4	7	7.6	8.3	9	9.7	10.5	11.3	12.1	13
SIT (°F)	36	41	45	49	53	57	61	64	68	71.2	74.4
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 25
120°F to 130°F SCT, -40°F to 0°F SST see page 26
120°F to 130°F SCT, 0°F to 50°F SST see page 28

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT
 120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	229,523	253,321	279,610	307,738	337,758	369,710	403,618	441,097	479,080	520,966	565,108
Evap (Lb/hr)	2503	2813	3154	3527	3936	4384	4873	5406	5988	6620	7308
Cond (Lb/hr)	3388	3739	4129	4549	5000	5484	6003	6582	7177	7841	8551
Power (kW)	47.5	47.8	48.2	48.7	49.1	49.5	50	50.6	51.1	51.8	52.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.8	6.4	7	7.6	8.3	9	9.7	10.5	11.3	12.1	13
SIT (°F)	36	41	45	49	53	57	61	64	68	71.2	74.4

130°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	220,288	244,250	269,929	297,391	326,691	357,869	390,951	425,939	464,590	505,481	546,388
Evap (Lb/hr)	2433	2739	3075	3443	3847	4288	4771	5298	5873	6499	7179
Cond (Lb/hr)	3425	3797	4198	4629	5092	5588	6120	6689	7325	8006	8702
Power (kW)	53	53.6	54.1	54.6	55.2	55.7	56.2	56.7	57.5	58.3	58.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5	5.5	6	6.6	7.1	7.8	8.4	9.1	9.7	10.5	11.2
SIT (°F)	40	44	48	52	56	60	64	68	71	74.4	77.6
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 25
 120°F to 130°F SCT, -40°F to 0°F SST see page 26
 70°F to 120°F SCT, 0°F to 50°F SST see page 27

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
3500 rpm
Displacement 88 CFM @ 60 Hz

SCT
70°F

SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
70°F									
Capacity (Btu/hr)*	120,447	134,975	151,286	169,898	190,024	212,125	236,258	262,475	290,824
Evap (Lb/hr)	1147	1300	1474	1671	1891	2138	2412	2715	3050
Cond (Lb/hr)	1440	1612	1805	2026	2264	2526	2813	3126	3466
Power (Bhp)	29.1	29.6	29.9	30.2	30.4	30.4	30.4	30.4	30.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5	5.5	6.1	6.8	7.6	8.4	9.4	10.4	11.6
SIT (°F)	-8	-4	0	3	7	11	15	19	23
80°F									
Capacity (Btu/hr)*	116,533	131,077	147,352	165,424	185,355	207,211	231,049	256,926	284,894
Evap (Lb/hr)	1116	1269	1443	1640	1860	2106	2379	2681	3014
Cond (Lb/hr)	1449	1628	1828	2050	2295	2564	2858	3179	3526
Power (Bhp)	32.2	32.8	33.2	33.6	33.8	34	34.1	34.1	34.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.8	5.4	5.9	6.6	7.4	8.2	9.1	10.1
SIT (°F)	-6	-2	2	6	10	14	18	22	26
90°F									
Capacity (Btu/hr)*	112,450	126,965	143,158	161,097	180,848	202,476	226,046	251,615	279,239
Evap (Lb/hr)	1082	1236	1410	1606	1825	2069	2341	2641	2972
Cond (Lb/hr)	1458	1643	1850	2080	2332	2609	2912	3241	3598
Power (Bhp)	35.6	36.3	36.9	37.4	37.7	38	38.2	38.3	38.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.8	4.2	4.7	5.2	5.8	6.4	7.1	7.9	8.8
SIT (°F)	-4	0	4	8	12	16	20	24	28
100°F									
Capacity (Btu/hr)*	107,881	122,281	138,676	156,438	175,468	196,753	219,926	245,049	272,180
Evap (Lb/hr)	1046	1200	1373	1568	1786	2028	2297	2595	2923
Cond (Lb/hr)	1461	1653	1873	2109	2363	2647	2957	3293	3658
Power (Bhp)	39.4	40.2	41	41.6	41.9	42.3	42.6	42.9	43.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.3	3.7	4.1	4.5	5	5.6	6.2	6.9	7.6
SIT (°F)	-1	3	6	10	15	19	23	27	31
110°F									
Capacity (Btu/hr)*	103,364	117,653	133,507	150,997	170,193	191,164	213,345	237,979	264,571
Evap (Lb/hr)	1008	1161	1333	1526	1742	1982	2248	2543	2868
Cond (Lb/hr)	1467	1667	1888	2132	2400	2692	3001	3346	3720
Power (Bhp)	43.8	44.8	45.6	46.3	46.9	47.4	47.7	48	48.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.8	3.2	3.5	3.9	4.4	4.9	5.4	6	6.6
SIT (°F)	1	5	9	13	17	21	26	30	34
120°F									
Capacity (Btu/hr)*	98,298	112,398	128,004	145,188	164,020	184,571	206,290	230,397	256,412
Evap (Lb/hr)	966	1118	1289	1480	1693	1931	2194	2485	2805
Cond (Lb/hr)	1467	1674	1902	2153	2429	2729	3047	3401	3784
Power (Bhp)	48.8	49.9	50.8	51.7	52.4	53	53.4	53.8	54.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.4	2.7	3	3.4	3.8	4.2	4.7	5.2	5.7
SIT (°F)	4	8	12	16	20	24	29	33	37
SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0

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

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT

120°F		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			98,298	112,398	128,004	145,188	164,020	184,571	206,290	230,397	256,412
Evap (Lb/hr)			966	1118	1289	1480	1693	1931	2194	2485	2805
Cond (Lb/hr)			1467	1674	1902	2153	2429	2729	3047	3401	3784
Power (Bhp)			48.8	49.9	50.8	51.7	52.4	53	53.4	53.8	54.3
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.4	2.7	3	3.4	3.8	4.2	4.7	5.2	5.7
SIT (°F)			4	8	12	16	20	24	29	33	37

130°F		SST (°F)	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			92,672	106,507	121,785	138,577	156,953	176,985	198,742	222,292	247,698
Evap (Lb/hr)			921	1071	1240	1429	1639	1873	2133	2420	2736
Cond (Lb/hr)			1459	1673	1908	2167	2450	2758	3093	3457	3850
Power (Bhp)			54.4	55.7	56.7	57.7	58.5	59.3	59.9	60.5	61
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.1	2.3	2.6	2.9	3.2	3.6	4	4.4	4.9
SIT (°F)			8	12	16	20	24	28	32	36	40

70°F to 120°F SCT, 0°F to 40°F SST see page 29
 70°F to 120°F SCT, 0°F to 50°F SST see page 31
 120°F to 130°F SCT, 0°F to 50°F SST see page 32

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

**SCT
 70°F**

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	290,824	321,343	355,148	390,223	427,540	468,608	510,541	556,526	605,026	655,992	709,349
Evap (Lb/hr)	3050	3417	3821	4261	4742	5265	5833	6448	7114	7832	8607
Cond (Lb/hr)	3466	3832	4241	4668	5124	5631	6153	6731	7347	8004	8701
Power (kW)	30.3	30.3	30.3	30.2	30.2	30.4	30.5	30.8	31.2	31.7	32.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	11.6	12.8	14.1	15.6	17.1	18.6	20.2	21.8	23.4	25	26.5
SIT (°F)	23	27	30	34	38	41	45	48	51	54.2	57

80°F

Capacity (Btu/hr)*	284,894	315,952	348,343	382,942	419,762	458,804	501,734	545,331	593,125	643,394	696,071
Evap (Lb/hr)	3014	3380	3782	4221	4701	5223	5790	6405	7071	7791	8569
Cond (Lb/hr)	3526	3914	4320	4756	5223	5722	6277	6846	7476	8148	8863
Power (kW)	34.2	34.3	34.3	34.3	34.4	34.5	34.8	35	35.5	36	36.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.1	11.1	12.3	13.5	14.7	16.1	17.4	18.8	20.2	21.5	22.9
SIT (°F)	26	29	33	37	41	45	48	52	55	58	61

90°F

Capacity (Btu/hr)*	279,239	308,968	340,841	374,890	411,136	449,584	491,900	534,888	582,071	629,446	681,312
Evap (Lb/hr)	2972	3336	3735	4172	4649	5169	5734	6348	7013	7734	8512
Cond (Lb/hr)	3598	3983	4398	4844	5322	5833	6401	6984	7631	8291	9023
Power (kW)	38.5	38.6	38.7	38.8	38.9	39.1	39.4	39.7	40.2	40.7	41.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.8	9.7	10.6	11.7	12.8	13.9	15.1	16.3	17.5	18.7	19.8
SIT (°F)	28	32	36	40	44	48	51	55	58	61.6	64.7

100°F

Capacity (Btu/hr)*	272,180	301,371	332,667	366,104	401,707	439,488	479,441	523,400	567,812	616,560	667,743
Evap (Lb/hr)	2923	3284	3680	4114	4588	5104	5667	6278	6941	7660	8437
Cond (Lb/hr)	3658	4052	4477	4933	5422	5945	6504	7125	7760	8466	9219
Power (kW)	43.1	43.3	43.5	43.7	43.9	44.1	44.4	44.9	45.3	46	46.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.6	8.4	9.2	10.1	11	12	13	14.1	15.1	16.2	17.2
SIT (°F)	31	35	39	43	47	51	55	58	62	65.2	68.4

110°F

Capacity (Btu/hr)*	264,571	293,176	323,844	356,615	391,517	428,568	467,770	509,103	554,580	600,259	650,415
Evap (Lb/hr)	2868	3225	3617	4047	4516	5029	5587	6194	6854	7570	8346
Cond (Lb/hr)	3720	4123	4558	5025	5525	6061	6634	7244	7922	8615	9386
Power (kW)	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.6	51.2	51.8	52.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.6	7.3	8	8.7	9.6	10.4	11.3	12.1	13.1	14	14.9
SIT (°F)	34	38	42	46	50	54	58	62	65	68.7	72.1

120°F

Capacity (Btu/hr)*	256,412	284,392	314,390	346,449	380,603	416,873	455,267	495,773	538,357	585,222	632,005
Evap (Lb/hr)	2805	3158	3546	3971	4435	4943	5496	6099	6754	7466	8238
Cond (Lb/hr)	3784	4197	4642	5120	5634	6183	6770	7396	8063	8806	9563
Power (kW)	54.3	54.7	55	55.4	55.8	56.2	56.6	57.1	57.6	58.5	59.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.7	6.3	6.9	7.5	8.2	9	9.7	10.5	11.3	12.1	12.9
SIT (°F)	37	41	45	49	53	57	61	65	69	72.4	75.8

SST (°F) 0 5 10 15 20 25 30 35 40 45 50

70°F to 120°F SCT, -40°F to 0°F SST see page 29
 120°F to 130°F SCT, -40°F to 0°F SST see page 30
 120°F to 130°F SCT, 0°F to 50°F SST see page 32

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40	45	50
Capacity (Btu/hr)*	256,412	284,392	314,390	346,449	380,603	416,873	455,267	495,773	538,357	585,222	632,005
Evap (Lb/hr)	2805	3158	3546	3971	4435	4943	5496	6099	6754	7466	8238
Cond (Lb/hr)	3784	4197	4642	5120	5634	6183	6770	7396	8063	8806	9563
Power (kW)	54.3	54.7	55	55.4	55.8	56.2	56.6	57.1	57.6	58.5	59.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.7	6.3	6.9	7.5	8.2	9	9.7	10.5	11.3	12.1	12.9
SIT (°F)	37	41	45	49	53	57	61	65	69	72.4	75.8

130°F

Capacity (Btu/hr)*	247,698	274,128	303,305	334,488	367,714	403,007	440,377	479,818	523,314	567,015	612,641
Evap (Lb/hr)	2736	3084	3466	3886	4345	4846	5394	5991	6641	7347	8115
Cond (Lb/hr)	3850	4260	4715	5204	5729	6291	6892	7533	8248	8979	9755
Power (kW)	61	61.3	61.8	62.2	62.7	63.2	63.7	64.3	65.1	65.8	66.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.9	5.4	5.9	6.5	7.1	7.7	8.3	9	9.7	10.4	11.1
SIT (°F)	40	45	49	53	57	61	65	69	72	76.1	79.6
SST (°F)	0	5	10	15	20	25	30	35	40	45	50

70°F to 120°F SCT, -40°F to 0°F SST see page 29
 120°F to 130°F SCT, -40°F to 0°F SST see page 30
 70°F to 120°F SCT, 0°F to 50°F SST see page 31

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 33 CFM @ 60 Hz

SCT
80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)*	52,800	59,103	66,140	73,783	82,070	91,037	100,720	111,151	122,357
Evap (Lb/hr)	545	621	705	799	903	1018	1145	1287	1443
Cond (Lb/hr)	693	774	865	964	1071	1188	1315	1453	1602
Power (Bhp)	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.8	7.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.7	9.6	10.7	11.8	13	14.3	15.7	17.1	18.8
SIT (°F)	13	18	22	26	30	34	38	42	46
Capacity (Btu/hr)*	50,833	57,252	64,204	71,480	79,583	88,332	97,764	107,911	118,802
Evap (Lb/hr)	530	605	689	782	885	998	1124	1264	1417
Cond (Lb/hr)	701	788	882	980	1090	1210	1339	1479	1631
Power (Bhp)	8.4	8.5	8.6	8.7	8.8	8.9	9	9	9.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.3	8.1	9	9.9	10.9	12	13.2	14.4	15.7
SIT (°F)	16	20	24	29	33	37	41	45	49
Capacity (Btu/hr)*	48,695	55,056	61,704	69,074	77,024	85,271	94,448	104,307	114,881
Evap (Lb/hr)	511	586	669	761	862	975	1099	1236	1387
Cond (Lb/hr)	708	798	893	997	1111	1229	1361	1504	1658
Power (Bhp)	9.7	9.8	9.9	10	10.1	10.2	10.3	10.4	10.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.1	6.8	7.5	8.3	9.2	10.1	11.1	12.1	13.2
SIT (°F)	18	22	27	31	35	40	44	48	52
Capacity (Btu/hr)*	46,172	52,289	59,025	66,029	73,785	82,124	90,731	100,301	110,556
Evap (Lb/hr)	488	562	645	735	835	946	1068	1203	1351
Cond (Lb/hr)	711	802	903	1008	1124	1250	1380	1526	1683
Power (Bhp)	11	11.1	11.3	11.4	11.5	11.7	11.7	11.9	12
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5	5.7	6.3	7	7.7	8.5	9.3	10.2	11.1
SIT (°F)	20	25	29	34	38	42	47	51	55
Capacity (Btu/hr)*	43,217	49,272	55,903	62,782	70,373	78,218	86,916	95,852	105,786
Evap (Lb/hr)	459	533	615	704	803	911	1031	1163	1309
Cond (Lb/hr)	708	803	908	1017	1137	1262	1401	1544	1705
Power (Bhp)	12.5	12.7	12.8	12.9	13.1	13.2	13.4	13.5	13.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.2	4.7	5.3	5.8	6.5	7.1	7.8	8.6	9.3
SIT (°F)	22	27	31	36	40	45	49	54	58
Capacity (Btu/hr)*	39,786	45,771	52,105	59,040	66,210	73,831	82,264	91,294	100,530
Evap (Lb/hr)	426	499	579	667	764	870	988	1117	1260
Cond (Lb/hr)	696	797	903	1020	1140	1268	1411	1565	1723
Power (Bhp)	14.2	14.3	14.5	14.7	14.8	15	15.2	15.4	15.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.4	3.9	4.3	4.9	5.4	6	6.5	7.2	7.8
SIT (°F)	24	29	34	38	43	48	52	56	61
SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 2
80°F to 130°F SCT, 35°F to 55°F SST see page 3
130°F to 150°F SCT, 35°F to 55°F SST see page 4

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
 1750 rpm
 Displaceme 33 CFM @ 60 Hz

SCT
130°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)*	39,786	45,771	52,105	59,040	66,210	73,831	82,264	91,294	100,530
Evap (Lb/hr)	426	499	579	667	764	870	988	1117	1260
Cond (Lb/hr)	696	797	903	1020	1140	1268	1411	1565	1723
Power (Bhp)	14.2	14.3	14.5	14.7	14.8	15	15.2	15.4	15.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.4	3.9	4.3	4.9	5.4	6	6.5	7.2	7.8
SIT (°F)	24	29	34	38	43	48	52	56	61

140°F

Capacity (Btu/hr)*	35,831	41,742	47,970	54,554	61,526	69,196	77,084	85,816	94,745
Evap (Lb/hr)	386	458	537	623	718	822	937	1063	1203
Cond (Lb/hr)	675	781	893	1010	1135	1273	1415	1573	1735
Power (Bhp)	16	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.7	3.1	3.5	4	4.5	4.9	5.4	6	6.5
SIT (°F)	26	31	36	41	46	50	55	59	64

150°F

Capacity (Btu/hr)*	31,307	37,136	43,253	49,696	56,501	63,703	71,334	79,764	88,385
Evap (Lb/hr)	340	411	488	572	664	766	878	1001	1137
Cond (Lb/hr)	639	752	870	994	1125	1263	1410	1573	1741
Power (Bhp)	17.9	18.1	18.3	18.5	18.7	18.9	19.2	19.4	19.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.1	2.5	2.9	3.2	3.6	4.1	4.5	5	5.4
SIT (°F)	28	33	38	43	48	53	58	62	67
SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 1
 80°F to 130°F SCT, 35°F to 55°F SST see page 3
 130°F to 150°F SCT, 35°F to 55°F SST see page 4

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT

80°F	SST (°F)	35	40	45	50	55
Capacity (Btu/hr)*		134,364	147,796	161,533	176,881	192,409
Evap (Lb/hr)		1615	1805	2014	2245	2498
Cond (Lb/hr)		1763	1945	2133	2346	2566
Power (Bhp)		7.9	8	8	8	8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		20.5	22.4	24.4	26.7	29.1
SIT (°F)		50	53	57	60	64
90°F						
Capacity (Btu/hr)*		130,463	143,515	156,849	171,007	186,836
Evap (Lb/hr)		1587	1775	1981	2208	2459
Cond (Lb/hr)		1794	1979	2171	2377	2611
Power (Bhp)		9.2	9.3	9.3	9.3	9.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		17.2	18.7	20.4	22.2	24.1
SIT (°F)		53	56	60	64	67
100°F						
Capacity (Btu/hr)*		126,196	138,275	151,799	165,533	180,905
Evap (Lb/hr)		1554	1739	1942	2166	2413
Cond (Lb/hr)		1824	2004	2208	2418	2656
Power (Bhp)		10.6	10.6	10.7	10.8	10.9
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		14.4	15.7	17	18.5	20.1
SIT (°F)		56	60	63	67	70
110°F						
Capacity (Btu/hr)*		121,524	133,231	145,694	159,659	173,758
Evap (Lb/hr)		1516	1697	1897	2118	2362
Cond (Lb/hr)		1853	2036	2234	2458	2689
Power (Bhp)		12.1	12.2	12.3	12.4	12.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		12.1	13.2	14.3	15.5	16.8
SIT (°F)		59	63	67	70	74
120°F						
Capacity (Btu/hr)*		116,408	127,742	139,811	152,630	167,014
Evap (Lb/hr)		1471	1649	1846	2063	2303
Cond (Lb/hr)		1879	2066	2268	2486	2733
Power (Bhp)		13.8	13.9	14.1	14.2	14.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		10.2	11.1	12	13	14.1
SIT (°F)		62	66	70	74	77
130°F						
Capacity (Btu/hr)*		110,804	121,769	133,447	145,857	159,012
Evap (Lb/hr)		1418	1593	1786	2000	2236
Cond (Lb/hr)		1901	2092	2299	2522	2763
Power (Bhp)		15.7	15.8	16	16.1	16.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.5	9.3	10.1	10.9	11.8
SIT (°F)		65	69	73	77	81
	SST (°F)	35	40	45	50	55

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT

130°F	SST (°F)	35	40	45	50	55
Capacity (Btu/hr)*		110,804	121,769	133,447	145,857	159,012
Evap (Lb/hr)		1418	1593	1786	2000	2236
Cond (Lb/hr)		1901	2092	2299	2522	2763
Power (Bhp)		15.7	15.8	16	16.1	16.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.5	9.3	10.1	10.9	11.8
SIT (°F)		65	69	73	77	81
<hr/>						
140°F						
Capacity (Btu/hr)*		104,671	114,735	125,956	137,885	150,537
Evap (Lb/hr)		1358	1529	1718	1928	2160
Cond (Lb/hr)		1918	2105	2316	2545	2791
Power (Bhp)		17.7	17.8	18	18.2	18.4
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.1	7.8	8.4	9.1	9.9
SIT (°F)		68	73	77	81	85
<hr/>						
150°F						
Capacity (Btu/hr)*		97,516	107,680	118,516	130,047	141,552
Evap (Lb/hr)		1288	1455	1640	1845	2073
Cond (Lb/hr)		1920	2122	2340	2575	2817
Power (Bhp)		19.8	20.1	20.3	20.6	20.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.9	6.5	7	7.6	8.3
SIT (°F)		72	76	80	84	89
SST (°F)		35	40	45	50	55

80°F to 130°F SCT, -10°F to 35°F SST see page 1
 130°F to 150°F SCT, -10°F to 35°F SST see page 2
 80°F to 130°F SCT, 40°F to 55°F SST see page 3

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
1750 rpm
Displacement 39 CFM @ 60 Hz

SCT

80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)*	63,769	71,554	80,007	89,173	99,095	109,817	121,380	133,824	147,187
Evap (Lb/hr)	660	752	853	965	1090	1228	1380	1549	1736
Cond (Lb/hr)	836	937	1046	1164	1293	1433	1585	1749	1927
Power (Bhp)	8.8	8.9	9	9.1	9.2	9.2	9.3	9.4	9.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.7	9.7	10.7	11.9	13	14.3	15.7	17.2	18.8
SIT (°F)	14	18	22	26	30	34	38	42	46

90°F

Capacity (Btu/hr)*	61,874	69,602	77,696	86,696	96,414	106,896	118,181	130,313	143,330
Evap (Lb/hr)	645	736	837	948	1072	1208	1359	1526	1710
Cond (Lb/hr)	853	957	1066	1188	1320	1464	1618	1786	1967
Power (Bhp)	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.4	8.2	9.1	10	11	12.1	13.3	14.5	15.9
SIT (°F)	16	21	25	29	33	37	41	45	49

100°F

Capacity (Btu/hr)*	59,650	67,089	75,316	83,884	93,394	103,628	114,632	126,446	139,110
Evap (Lb/hr)	626	717	817	927	1050	1184	1334	1498	1680
Cond (Lb/hr)	867	972	1089	1211	1346	1493	1651	1822	2007
Power (Bhp)	11.6	11.7	11.8	11.9	12.1	12.2	12.3	12.4	12.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.2	6.9	7.7	8.5	9.3	10.3	11.2	12.3	13.4
SIT (°F)	18	23	27	32	36	40	44	48	52

110°F

Capacity (Btu/hr)*	56,853	64,418	72,286	80,975	89,977	99,958	110,672	122,160	134,466
Evap (Lb/hr)	602	693	792	902	1022	1156	1302	1465	1644
Cond (Lb/hr)	875	988	1105	1235	1370	1520	1683	1858	2047
Power (Bhp)	13.2	13.4	13.5	13.6	13.7	13.9	14.1	14.2	14.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.8	6.5	7.2	7.9	8.7	9.5	10.4	11.3
SIT (°F)	21	25	30	34	39	43	47	51	55

120°F

Capacity (Btu/hr)*	53,813	61,089	69,064	77,321	86,432	95,828	106,243	117,397	129,333
Evap (Lb/hr)	574	664	762	870	989	1121	1265	1425	1601
Cond (Lb/hr)	880	995	1121	1251	1396	1545	1711	1891	2084
Power (Bhp)	15	15.1	15.3	15.5	15.6	15.8	16	16.1	16.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.3	4.9	5.4	6	6.7	7.3	8	8.8	9.6
SIT (°F)	23	28	32	37	41	46	50	54	58

130°F

Capacity (Btu/hr)*	50,280	57,480	65,096	73,441	82,046	91,540	101,289	112,098	123,652
Evap (Lb/hr)	540	629	726	833	950	1079	1221	1377	1550
Cond (Lb/hr)	879	999	1127	1267	1411	1572	1736	1920	2119
Power (Bhp)	16.9	17.1	17.3	17.5	17.7	17.9	18	18.3	18.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.6	4.1	4.5	5.1	5.6	6.2	6.8	7.4	8.1
SIT (°F)	25	30	35	39	44	48	53	57	61
SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 6
80°F to 130°F SCT, 35°F to 55°F SST see page 7
130°F to 150°F SCT, 35°F to 55°F SST see page 8

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT

130°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)*		50,280	57,480	65,096	73,441	82,046	91,540	101,289	112,098	123,652
Evap (Lb/hr)		540	629	726	833	950	1079	1221	1377	1550
Cond (Lb/hr)		879	999	1127	1267	1411	1572	1736	1920	2119
Power (Bhp)		16.9	17.1	17.3	17.5	17.7	17.9	18	18.3	18.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.6	4.1	4.5	5.1	5.6	6.2	6.8	7.4	8.1
SIT (°F)		25	30	35	39	44	48	53	57	61
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140°F		46,040	53,314	60,810	68,726	77,399	86,311	96,147	106,205	117,366
Evap (Lb/hr)		500	587	683	788	903	1029	1168	1321	1490
Cond (Lb/hr)		865	996	1130	1271	1427	1586	1764	1946	2149
Power (Bhp)		19	19.3	19.5	19.7	19.9	20.1	20.4	20.6	20.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		2.9	3.3	3.8	4.2	4.7	5.2	5.7	6.2	6.8
SIT (°F)		28	32	37	42	46	51	55	60	64
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150°F		41,375	48,365	55,904	63,654	71,827	80,786	89,962	100,095	110,418
Evap (Lb/hr)		452	539	633	736	848	971	1107	1256	1421
Cond (Lb/hr)		842	977	1123	1272	1428	1601	1777	1974	2175
Power (Bhp)		21.3	21.5	21.9	22.1	22.3	22.6	22.8	23.2	23.4
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		2.3	2.7	3.1	3.5	3.9	4.3	4.8	5.2	5.7
SIT (°F)		30	35	39	44	49	53	58	62	67
	SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 5
 80°F to 130°F SCT, 35°F to 55°F SST see page 7
 130°F to 150°F SCT, 35°F to 55°F SST see page 8

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT
 80°F

SST (°F)	35	40	45	50	55
Capacity (Btu/hr)*	161,504	177,538	193,954	211,427	231,011
Evap (Lb/hr)	1941	2168	2419	2695	2999
Cond (Lb/hr)	2119	2336	2561	2805	3080
Power (Bhp)	9.5	9.5	9.6	9.6	9.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	20.6	22.4	24.5	26.7	29.1
SIT (°F)	50	53	57	61	64

90°F

Capacity (Btu/hr)*	157,269	172,166	188,863	205,870	223,935
Evap (Lb/hr)	1913	2138	2385	2659	2960
Cond (Lb/hr)	2163	2374	2614	2862	3129
Power (Bhp)	11	11	11.1	11.1	11.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	17.3	18.8	20.5	22.3	24.2
SIT (°F)	53	57	60	64	68

100°F

Capacity (Btu/hr)*	152,665	167,146	182,587	199,921	217,486
Evap (Lb/hr)	1880	2102	2346	2616	2915
Cond (Lb/hr)	2207	2423	2655	2920	3193
Power (Bhp)	12.6	12.7	12.8	12.9	12.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	14.6	15.9	17.2	18.7	20.3
SIT (°F)	56	60	64	67	71

110°F

Capacity (Btu/hr)*	147,627	161,683	176,669	192,620	210,562
Evap (Lb/hr)	1841	2060	2301	2567	2862
Cond (Lb/hr)	2251	2471	2709	2965	3258
Power (Bhp)	14.5	14.6	14.7	14.8	14.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.3	13.4	14.5	15.7	17
SIT (°F)	59	63	67	71	74

120°F

Capacity (Btu/hr)*	142,091	155,712	170,231	185,685	202,107
Evap (Lb/hr)	1795	2010	2247	2510	2800
Cond (Lb/hr)	2293	2518	2761	3024	3308
Power (Bhp)	16.5	16.6	16.8	16.9	17
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.4	11.3	12.2	13.2	14.3
SIT (°F)	62	66	70	74	78

130°F

Capacity (Btu/hr)*	135,995	149,167	163,205	178,148	194,029
Evap (Lb/hr)	1741	1951	2185	2442	2728
Cond (Lb/hr)	2332	2563	2812	3081	3372
Power (Bhp)	18.7	18.9	19.1	19.2	19.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.8	9.5	10.3	11.2	12.1
SIT (°F)	65	69	73	77	81

SST (°F) 35 40 45 50 55

80°F to 130°F SCT, -10°F to 30°F SST see page 5
 130°F to 150°F SCT, -10°F to 30°F SST see page 6
 130°F to 150°F SCT, 35°F to 55°F SST see page 8

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

1750 rpm

Displacement 39 CFM @ 60 Hz

SCT

130°F	SST (°F)	35	40	45	50	55
	Capacity (Btu/hr)*	135,995	149,167	163,205	178,148	194,029
	Evap (Lb/hr)	1741	1951	2185	2442	2728
	Cond (Lb/hr)	2332	2563	2812	3081	3372
	Power (Bhp)	18.7	18.9	19.1	19.2	19.4
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	8.8	9.5	10.3	11.2	12.1
	SIT (°F)	65	69	73	77	81
140°F	Capacity (Btu/hr)*	129,279	141,986	155,527	169,941	185,262
	Evap (Lb/hr)	1677	1883	2111	2364	2644
	Cond (Lb/hr)	2369	2605	2861	3137	3435
	Power (Bhp)	21.1	21.3	21.5	21.8	22
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	7.4	8	8.7	9.4	10.2
	SIT (°F)	68	72	76	80	84
150°F	Capacity (Btu/hr)*	121,885	134,111	147,136	161,000	175,741
	Evap (Lb/hr)	1603	1804	2026	2273	2547
	Cond (Lb/hr)	2401	2644	2907	3190	3498
	Power (Bhp)	23.7	23.9	24.2	24.5	24.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	6.2	6.8	7.3	7.9	8.6
	SIT (°F)	71	75	79	83	87
	SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 5

130°F to 150°F SCT, -10°F to 30°F SST see page 6

80°F to 130°F SCT, 35°F to 55°F SST see page 7

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT
 80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)	72,041	80,789	90,282	100,573	111,712	123,747	136,726	150,691	165,684
Evap (Lb/hr)	746	849	962	1089	1229	1384	1555	1744	1954
Cond (Lb/hr)	945	1057	1180	1313	1458	1615	1785	1969	2169
Power (Bhp)	9.9	10	10.1	10.2	10.3	10.4	10.5	10.6	10.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.7	9.7	10.8	11.9	13.1	14.3	15.7	17.2	18.8
SIT (°F)	14	18	22	26	30	34	38	42	46
Capacity (Btu/hr)	70,079	78,503	87,856	97,964	108,878	120,648	133,322	146,947	161,566
Evap (Lb/hr)	730	833	946	1072	1210	1364	1533	1721	1928
Cond (Lb/hr)	966	1079	1206	1343	1491	1652	1826	2014	2217
Power (Bhp)	11.4	11.5	11.6	11.7	11.9	12	12.1	12.2	12.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.4	8.2	9.1	10.1	11.1	12.2	13.3	14.6	15.9
SIT (°F)	16	21	25	29	33	37	41	45	49
Capacity (Btu/hr)	67,571	76,156	85,401	95,025	105,709	117,209	129,574	142,854	157,093
Evap (Lb/hr)	711	813	926	1051	1188	1340	1507	1693	1897
Cond (Lb/hr)	982	1104	1235	1371	1524	1689	1867	2059	2267
Power (Bhp)	13	13.2	13.3	13.4	13.5	13.7	13.8	14	14.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.3	7	7.7	8.6	9.4	10.3	11.3	12.3	13.5
SIT (°F)	19	23	27	32	36	40	44	48	52
Capacity (Btu/hr)	64,912	73,172	82,267	92,034	102,529	113,375	125,427	138,356	152,210
Evap (Lb/hr)	688	790	901	1025	1161	1311	1476	1659	1861
Cond (Lb/hr)	998	1121	1257	1404	1561	1724	1907	2104	2317
Power (Bhp)	14.9	15	15.1	15.3	15.5	15.6	15.8	15.9	16.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.3	5.9	6.6	7.3	8	8.8	9.6	10.5	11.4
SIT (°F)	21	26	30	34	38	43	47	51	55
Capacity (Btu/hr)	61,607	70,004	78,698	88,265	98,519	109,091	120,823	133,396	146,860
Evap (Lb/hr)	659	761	872	994	1128	1276	1439	1619	1818
Cond (Lb/hr)	1007	1140	1277	1428	1591	1759	1946	2148	2366
Power (Bhp)	16.8	17	17.1	17.4	17.6	17.7	17.9	18.1	18.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	5	5.5	6.1	6.8	7.4	8.1	8.9	9.7
SIT (°F)	24	28	33	37	41	46	50	54	58
Capacity (Btu/hr)	58,023	66,100	74,911	84,001	94,006	104,712	115,708	127,918	140,985
Evap (Lb/hr)	625	726	836	956	1088	1234	1395	1572	1767
Cond (Lb/hr)	1013	1148	1296	1449	1617	1797	1983	2191	2415
Power (Bhp)	19	19.2	19.4	19.6	19.8	20.1	20.3	20.5	20.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.2	4.7	5.2	5.7	6.3	6.9	7.5	8.2
SIT (°F)	26	31	35	40	44	48	53	57	61
SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 10
 80°F to 130°F SCT, 35°F to 55°F SST see page 11
 130°F to 150°F SCT, 35°F to 55°F SST see page 12

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

130°F		SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)			58,023	66,100	74,911	84,001	94,006	104,712	115,708	127,918	140,985
Evap (Lb/hr)			625	726	836	956	1088	1234	1395	1572	1767
Cond (Lb/hr)			1013	1148	1296	1449	1617	1797	1983	2191	2415
Power (Bhp)			19	19.2	19.4	19.6	19.8	20.1	20.3	20.5	20.8
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			3.7	4.2	4.7	5.2	5.7	6.3	6.9	7.5	8.2
SIT (°F)			26	31	35	40	44	48	53	57	61
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140°F											
Capacity (Btu/hr)			53,696	61,879	70,297	79,486	88,936	99,347	110,024	121,864	134,527
Evap (Lb/hr)			585	684	793	912	1042	1185	1342	1516	1708
Cond (Lb/hr)			1007	1154	1305	1469	1638	1825	2017	2232	2463
Power (Bhp)			21.4	21.6	21.8	22.1	22.3	22.6	22.8	23.1	23.4
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			3	3.4	3.9	4.3	4.8	5.3	5.8	6.4	6.9
SIT (°F)			29	33	38	42	47	51	56	60	64
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150°F											
Capacity (Btu/hr)			48,954	56,829	65,083	74,050	83,253	93,361	103,713	115,176	126,862
Evap (Lb/hr)			537	635	742	859	987	1127	1281	1451	1640
Cond (Lb/hr)			993	1146	1305	1477	1653	1848	2047	2269	2497
Power (Bhp)			24	24.3	24.5	24.8	25.1	25.4	25.6	26	26.2
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.5	2.8	3.2	3.6	4	4.4	4.9	5.3	5.8
SIT (°F)			31	36	41	45	50	54	59	63	68
		SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 9
 80°F to 130°F SCT, 35°F to 55°F SST see page 11
 130°F to 150°F SCT, 35°F to 55°F SST see page 12

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
1750 rpm
Displacement 44 CFM @ 60 Hz

SCT

80°F

SST (°F)	35	40	45	50	55
Capacity (Btu/hr)	181,742	199,713	218,090	237,621	259,472
Evap (Lb/hr)	2184	2439	2720	3028	3369
Cond (Lb/hr)	2384	2628	2880	3152	3460
Power (Bhp)	10.7	10.8	10.8	10.8	10.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	20.5	22.4	24.4	26.6	29
SIT (°F)	50	53	57	61	64

90°F

Capacity (Btu/hr)	177,217	193,936	212,666	231,718	251,921
Evap (Lb/hr)	2156	2408	2686	2992	3330
Cond (Lb/hr)	2437	2674	2943	3221	3520
Power (Bhp)	12.3	12.4	12.5	12.5	12.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	17.3	18.9	20.5	22.3	24.2
SIT (°F)	53	57	60	64	68

100°F

Capacity (Btu/hr)	172,333	188,614	205,968	225,441	245,146
Evap (Lb/hr)	2123	2372	2647	2950	3285
Cond (Lb/hr)	2491	2734	2995	3293	3599
Power (Bhp)	14.2	14.3	14.4	14.5	14.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	14.7	15.9	17.3	18.8	20.3
SIT (°F)	56	60	64	67	71

110°F

Capacity (Btu/hr)	167,035	182,872	199,758	217,728	236,807
Evap (Lb/hr)	2084	2330	2602	2902	3234
Cond (Lb/hr)	2546	2794	3062	3352	3664
Power (Bhp)	16.2	16.4	16.5	16.6	16.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.4	13.5	14.6	15.8	17.1
SIT (°F)	59	63	67	71	75

120°F

Capacity (Btu/hr)	161,263	176,651	193,064	210,540	229,111
Evap (Lb/hr)	2037	2280	2549	2846	3174
Cond (Lb/hr)	2602	2856	3131	3428	3749
Power (Bhp)	18.5	18.7	18.9	19	19.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.5	11.4	12.4	13.4	14.4
SIT (°F)	62	66	70	74	78

130°F

Capacity (Btu/hr)	154,960	169,124	184,959	201,826	219,762
Evap (Lb/hr)	1983	2223	2487	2780	3105
Cond (Lb/hr)	2657	2905	3186	3490	3819
Power (Bhp)	21	21.1	21.3	21.5	21.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.9	9.7	10.5	11.3	12.2
SIT (°F)	65	70	74	78	82
SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 9
130°F to 150°F SCT, -10°F to 30°F SST see page 10
130°F to 150°F SCT, 35°F to 55°F SST see page 12

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

130°F		SST (°F)	35	40	45	50	55
Capacity (Btu/hr)			154,960	169,124	184,959	201,826	219,762
Evap (Lb/hr)			1983	2223	2487	2780	3105
Cond (Lb/hr)			2657	2905	3186	3490	3819
Power (Bhp)			21	21.1	21.3	21.5	21.7
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			8.9	9.7	10.5	11.3	12.2
SIT (°F)			65	70	74	78	82
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140°F							
Capacity (Btu/hr)			147,404	161,785	177,133	193,494	210,908
Evap (Lb/hr)			1921	2156	2416	2705	3026
Cond (Lb/hr)			2700	2967	3257	3570	3909
Power (Bhp)			23.6	23.9	24.2	24.4	24.7
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			7.5	8.2	8.8	9.6	10.3
SIT (°F)			69	73	77	81	85
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150°F							
Capacity (Btu/hr)			139,880	153,789	167,819	183,557	200,322
Evap (Lb/hr)			1848	2078	2334	2618	2934
Cond (Lb/hr)			2753	3029	3313	3635	3985
Power (Bhp)			26.6	26.9	27.1	27.4	27.7
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			6.4	6.9	7.5	8.1	8.7
SIT (°F)			72	76	81	85	89
		SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 9
 130°F to 150°F SCT, -10°F to 30°F SST see page 10
 80°F to 130°F SCT, 35°F to 55°F SST see page 11

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
1750 rpm
Displacement 48 CFM @ 60 Hz

SCT

80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)	78,413	87,899	97,872	108,999	121,042	134,053	148,078	163,784	180,046
Evap (Lb/hr)	812	923	1047	1184	1336	1504	1690	1896	2123
Cond (Lb/hr)	1028	1150	1279	1423	1579	1749	1933	2141	2357
Power (Bhp)	10.9	11	11	11.1	11.2	11.3	11.4	11.5	11.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.7	9.7	10.7	11.8	13	14.3	15.6	17.1	18.7
SIT (°F)	14	18	23	27	31	35	39	42	46

90°F

Capacity (Btu/hr)	76,185	85,569	95,722	106,699	118,552	131,334	145,092	159,874	175,721
Evap (Lb/hr)	797	908	1031	1167	1318	1485	1669	1872	2097
Cond (Lb/hr)	1049	1176	1313	1462	1623	1798	1987	2191	2412
Power (Bhp)	12.4	12.6	12.7	12.8	12.9	13.1	13.2	13.3	13.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.4	8.2	9.1	10	11.1	12.1	13.3	14.5	15.9
SIT (°F)	17	21	25	29	33	37	41	45	49

100°F

Capacity (Btu/hr)	73,873	83,188	92,906	103,684	115,293	127,787	141,216	155,627	171,065
Evap (Lb/hr)	777	888	1011	1146	1296	1461	1643	1844	2066
Cond (Lb/hr)	1073	1205	1343	1496	1662	1841	2034	2243	2468
Power (Bhp)	14.2	14.4	14.5	14.6	14.8	14.9	15.1	15.2	15.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.3	7	7.7	8.6	9.4	10.3	11.3	12.3	13.5
SIT (°F)	19	23	28	32	36	40	44	48	52

110°F

Capacity (Btu/hr)	70,931	80,135	90,020	100,280	111,645	123,852	136,953	150,996	166,030
Evap (Lb/hr)	754	865	986	1121	1269	1432	1612	1810	2030
Cond (Lb/hr)	1090	1228	1376	1529	1700	1884	2082	2296	2527
Power (Bhp)	16.2	16.3	16.5	16.6	16.8	17	17.2	17.4	17.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5	5.9	6.6	7.3	8	8.8	9.6	10.5	11.4
SIT (°F)	22	26	30	35	39	43	47	51	55

120°F

Capacity (Btu/hr)	67,785	76,912	86,371	96,791	107,557	119,478	132,253	145,934	160,569
Evap (Lb/hr)	725	836	957	1090	1236	1397	1575	1771	1987
Cond (Lb/hr)	1107	1252	1401	1566	1736	1926	2130	2350	2587
Power (Bhp)	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.7	20
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.5	5	5.6	6.2	6.8	7.5	8.2	8.9	9.7
SIT (°F)	24	29	33	37	42	46	50	54	58

130°F

Capacity (Btu/hr)	63,912	72,922	82,229	92,446	102,977	114,614	127,067	139,807	153,974
Evap (Lb/hr)	691	801	921	1052	1197	1356	1531	1725	1938
Cond (Lb/hr)	1115	1266	1422	1593	1770	1966	2177	2394	2637
Power (Bhp)	20.7	20.9	21.1	21.4	21.6	21.8	22.1	22.3	22.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.2	4.7	5.2	5.8	6.3	6.9	7.6	8.2
SIT (°F)	27	31	36	40	45	49	53	58	62
SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 14
80°F to 130°F SCT, 35°F to 55°F SST see page 15
130°F to 150°F SCT, 35°F to 55°F SST see page 16

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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

1750 rpm

Displacement 48 CFM @ 60 Hz

SCT

130°F		SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)			63,912	72,922	82,229	92,446	102,977	114,614	127,067	139,807	153,974
Evap (Lb/hr)			691	801	921	1052	1197	1356	1531	1725	1938
Cond (Lb/hr)			1115	1266	1422	1593	1770	1966	2177	2394	2637
Power (Bhp)			20.7	20.9	21.1	21.4	21.6	21.8	22.1	22.3	22.5
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			3.7	4.2	4.7	5.2	5.8	6.3	6.9	7.6	8.2
SIT (°F)			27	31	36	40	45	49	53	58	62
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140°F											
Capacity (Btu/hr)			59,704	68,384	77,540	87,552	97,851	109,206	120,840	133,742	147,526
Evap (Lb/hr)			650	759	878	1008	1151	1308	1480	1671	1882
Cond (Lb/hr)			1119	1274	1438	1617	1801	2004	2214	2447	2699
Power (Bhp)			23.3	23.5	23.7	24.1	24.3	24.6	24.8	25.1	25.5
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			3.1	3.5	3.9	4.4	4.9	5.4	5.9	6.4	7
SIT (°F)			29	34	39	43	48	52	57	61	65
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150°F											
Capacity (Btu/hr)			54,674	63,243	72,248	82,053	92,123	102,774	114,532	126,536	139,868
Evap (Lb/hr)			602	709	827	955	1096	1251	1421	1609	1816
Cond (Lb/hr)			1108	1273	1446	1634	1827	2031	2257	2489	2749
Power (Bhp)			26.1	26.4	26.6	27	27.3	27.5	27.9	28.2	28.6
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.4	5.9
SIT (°F)			32	37	42	46	51	56	60	65	69
		SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 13

80°F to 130°F SCT, 35°F to 55°F SST see page 15

130°F to 150°F SCT, 35°F to 55°F SST see page 16

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT
 80°F

SST (°F)	35	40	45	50	55
80°F					
Capacity (Btu/hr)	197,451	216,032	236,813	257,936	281,553
Evap (Lb/hr)	2373	2649	2953	3287	3655
Cond (Lb/hr)	2590	2842	3127	3421	3754
Power (Bhp)	11.7	11.7	11.8	11.7	11.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	20.4	22.3	24.3	26.5	28.9
SIT (°F)	50	54	57	61	64
90°F					
Capacity (Btu/hr)	192,674	210,765	231,014	251,579	274,602
Evap (Lb/hr)	2344	2617	2918	3249	3613
Cond (Lb/hr)	2650	2906	3197	3497	3837
Power (Bhp)	13.5	13.5	13.6	13.6	13.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	17.3	18.8	20.5	22.3	24.2
SIT (°F)	53	57	60	64	67
100°F					
Capacity (Btu/hr)	187,570	205,179	223,922	244,928	266,137
Evap (Lb/hr)	2310	2580	2878	3205	3567
Cond (Lb/hr)	2712	2974	3257	3577	3907
Power (Bhp)	15.5	15.6	15.6	15.8	15.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	14.6	15.9	17.3	18.7	20.3
SIT (°F)	56	60	64	67	71
110°F					
Capacity (Btu/hr)	182,096	199,233	217,475	236,849	258,601
Evap (Lb/hr)	2271	2538	2832	3157	3515
Cond (Lb/hr)	2776	3044	3334	3646	4001
Power (Bhp)	17.7	17.8	17.9	18	18.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.4	13.5	14.6	15.8	17.1
SIT (°F)	59	63	67	71	74
120°F					
Capacity (Btu/hr)	175,445	192,881	210,636	229,501	249,499
Evap (Lb/hr)	2226	2490	2781	3102	3457
Cond (Lb/hr)	2830	3118	3416	3737	4083
Power (Bhp)	20.1	20.3	20.5	20.7	20.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.5	11.4	12.4	13.4	14.5
SIT (°F)	63	66	70	74	78
130°F					
Capacity (Btu/hr)	169,102	185,234	202,412	220,668	240,031
Evap (Lb/hr)	2174	2434	2722	3040	3392
Cond (Lb/hr)	2899	3181	3486	3815	4171
Power (Bhp)	22.8	23	23.2	23.5	23.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9	9.7	10.5	11.4	12.3
SIT (°F)	66	70	74	78	82
SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 13
 130°F to 150°F SCT, -10°F to 30°F SST see page 14
 130°F to 150°F SCT, 35°F to 55°F SST see page 16

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT

130°F		SST (°F)	35	40	45	50	55
Capacity (Btu/hr)	169,102	185,234	202,412	220,668	240,031		
Evap (Lb/hr)	2174	2434	2722	3040	3392		
Cond (Lb/hr)	2899	3181	3486	3815	4171		
Power (Bhp)	22.8	23	23.2	23.5	23.6		
Current (Amps)	N/A	N/A	N/A	N/A	N/A		
Efficiency (EER)	9	9.7	10.5	11.4	12.3		
SIT (°F)	66	70	74	78	82		
<hr/>							
140°F		SST (°F)	35	40	45	50	55
Capacity (Btu/hr)	161,513	177,116	193,733	211,403	230,156		
Evap (Lb/hr)	2114	2371	2655	2970	3319		
Cond (Lb/hr)	2956	3247	3561	3900	4266		
Power (Bhp)	25.7	26	26.2	26.5	26.8		
Current (Amps)	N/A	N/A	N/A	N/A	N/A		
Efficiency (EER)	7.6	8.2	8.9	9.6	10.4		
SIT (°F)	70	74	78	82	86		
<hr/>							
150°F		SST (°F)	35	40	45	50	55
Capacity (Btu/hr)	154,101	168,478	184,554	201,659	219,830		
Evap (Lb/hr)	2045	2298	2579	2891	3236		
Cond (Lb/hr)	3029	3316	3640	3991	4371		
Power (Bhp)	28.9	29.2	29.5	29.9	30.2		
Current (Amps)	N/A	N/A	N/A	N/A	N/A		
Efficiency (EER)	6.4	7	7.5	8.1	8.8		
SIT (°F)	73	78	82	86	90		
		SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 13
 130°F to 150°F SCT, -10°F to 30°F SST see page 14
 80°F to 130°F SCT, 35°F to 55°F SST see page 15

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

1750 rpm

Displacement 54 CFM @ 60 Hz

SCT

80°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)		86,904	105,901	119,472	128,512	135,590	141,545	148,090	156,979	169,389
Evap (Lb/hr)		900	1120	1282	1401	1491	1571	1660	1777	1945
Cond (Lb/hr)		1140	1384	1559	1676	1770	1849	1937	2057	2223
Power (Bhp)		12.4	12.6	12.8	12.8	12.9	13	13	13.1	13.1
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.5	10.2	11.3	12.1	12.6	13.1	13.7	14.5	15.6
SIT (°F)		13.7	19.7	24	28	30	32	34	36	39
90°F										
Capacity (Btu/hr)		84,586	103,706	116,915	126,325	132,812	138,553	144,814	153,347	165,338
Evap (Lb/hr)		882	1104	1268	1387	1476	1555	1641	1755	1920
Cond (Lb/hr)		1166	1424	1602	1730	1819	1899	1988	2108	2276
Power (Bhp)		14.2	14.4	14.6	14.7	14.8	14.9	14.9	15	15
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.2	8.7	9.7	10.4	10.8	11.3	11.7	12.3	13.3
SIT (°F)		16.2	22.2	27	30	33	35	37	39	42
100°F										
Capacity (Btu/hr)		81,666	100,829	114,420	123,343	129,681	135,201	141,171	149,341	160,904
Evap (Lb/hr)		859	1084	1249	1368	1457	1534	1618	1729	1890
Cond (Lb/hr)		1187	1459	1652	1778	1870	1951	2039	2160	2330
Power (Bhp)		16.2	16.4	16.6	16.7	16.8	16.9	17	17.1	17.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6.1	7.4	8.3	8.9	9.3	9.6	10	10.5	11.3
SIT (°F)		18.7	24.7	29	33	36	38	40	42	45
110°F										
Capacity (Btu/hr)		78,636	97,913	111,138	120,411	126,625	131,944	137,122	144,923	156,053
Evap (Lb/hr)		833	1060	1226	1346	1433	1508	1589	1697	1855
Cond (Lb/hr)		1209	1498	1696	1835	1929	2011	2091	2212	2385
Power (Bhp)		18.5	18.7	18.9	19.1	19.2	19.3	19.4	19.5	19.6
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.1	6.3	7.1	7.6	8	8.2	8.5	9	9.6
SIT (°F)		21.2	27.3	32	35	38	40	43	45	48
120°F										
Capacity (Btu/hr)		74,914	94,229	107,431	116,607	122,662	127,748	133,145	140,057	150,750
Evap (Lb/hr)		802	1031	1198	1317	1404	1477	1555	1659	1813
Cond (Lb/hr)		1224	1531	1739	1885	1981	2064	2152	2266	2441
Power (Bhp)		20.9	21.2	21.3	21.6	21.7	21.9	22	22.1	22.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		4.3	5.4	6.1	6.5	6.8	7	7.3	7.6	8.2
SIT (°F)		23.8	29.9	35	38	41	43	45	48	51
130°F										
Capacity (Btu/hr)		70,717	90,074	103,632	112,330	118,222	123,070	127,654	134,701	144,956
Evap (Lb/hr)		765	996	1164	1283	1369	1439	1514	1615	1765
Cond (Lb/hr)		1233	1561	1789	1934	2034	2117	2196	2319	2497
Power (Bhp)		23.6	23.9	24.2	24.3	24.5	24.7	24.8	25	25.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.6	4.6	5.2	5.6	5.8	6	6.2	6.5	6.9
SIT (°F)		26.6	32.7	37	41	44	46	49	51	54
	SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 18

80°F to 130°F SCT, 35°F to 55°F SST see page 19

130°F to 150°F SCT, 35°F to 55°F SST see page 20

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT

130°F		SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)			65,992	85,396	103,632	112,330	118,222	123,070	127,654	134,701	144,956
Evap (Lb/hr)			721	955	1164	1283	1369	1439	1514	1615	1765
Cond (Lb/hr)			1236	1587	1789	1934	2034	2117	2196	2319	2497
Power (Bhp)			26.5	26.8	24.2	24.3	24.5	24.7	24.8	25	25.3
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			3	3.8	5.2	5.6	5.8	6	6.2	6.5	6.9
SIT (°F)			29.5	35.7	37	41	44	46	49	51	54
140°F											
Capacity (Btu/hr)			60,679	80,142	98,924	107,533	113,261	117,865	122,150	128,813	138,629
Evap (Lb/hr)			670	906	1124	1243	1327	1395	1466	1563	1709
Cond (Lb/hr)			1228	1608	1830	1983	2086	2170	2249	2372	2553
Power (Bhp)			29.8	30.1	27.2	27.3	27.5	27.8	27.9	28.2	28.5
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.5	3.2	4.4	4.7	5	5.1	5.3	5.5	5.9
SIT (°F)			32.7	38.9	40	44	47	49	52	54	57
150°F											
Capacity (Btu/hr)			109,395	122,190	93,290	102,166	107,728	111,635	116,068	121,835	131,161
Evap (Lb/hr)			1140	1292	1076	1194	1277	1342	1410	1503	1644
Cond (Lb/hr)			1432	1597	1861	2032	2138	2213	2301	2414	2598
Power (Bhp)			15.8	15.9	30.3	30.7	30.9	31.1	31.4	31.6	32
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			8.4	9.2	3.7	4	4.2	4.3	4.5	4.6	5
SIT (°F)			15.9	19.9	44	47	50	53	55	58	61
		SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 17
 80°F to 130°F SCT, 35°F to 55°F SST see page 19
 130°F to 150°F SCT, 35°F to 55°F SST see page 20

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT

80°F	SST (°F)	35	40	45	50	55
Capacity (Btu/hr)		187,733	212,436	246,031	290,750	346,304
Evap (Lb/hr)		2187	2533	3017	3690	4620
Cond (Lb/hr)		2469	2800	3251	3857	4620
Power (Bhp)		13.2	13.2	13.3	13.6	13.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		17.2	19.4	22.2	25.9	30.3
SIT (°F)		42	47	53	60	70
90°F						
Capacity (Btu/hr)		183,198	207,373	240,410	283,321	338,033
Evap (Lb/hr)		2159	2502	2985	3659	4594
Cond (Lb/hr)		2527	2865	3330	3938	4725
Power (Bhp)		15.2	15.3	15.4	15.6	15.9
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		14.6	16.4	18.8	21.9	25.6
SIT (°F)		45	50	56	64	74
100°F						
Capacity (Btu/hr)		178,270	201,909	234,377	276,726	330,931
Evap (Lb/hr)		2126	2466	2948	3622	4563
Cond (Lb/hr)		2586	2933	3412	4042	4859
Power (Bhp)		17.4	17.5	17.7	18	18.4
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		12.4	13.9	15.9	18.5	21.7
SIT (°F)		48	53	59	67	77
110°F						
Capacity (Btu/hr)		172,919	196,018	226,924	268,462	321,813
Evap (Lb/hr)		2087	2424	2903	3578	4525
Cond (Lb/hr)		2646	3004	3483	4133	4979
Power (Bhp)		19.8	20	20.2	20.6	21
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		10.5	11.8	13.5	15.8	18.5
SIT (°F)		51	56	63	71	81
120°F						
Capacity (Btu/hr)		166,426	188,865	220,022	261,007	312,287
Evap (Lb/hr)		2041	2375	2853	3528	4480
Cond (Lb/hr)		2697	3064	3574	4250	5109
Power (Bhp)		22.5	22.7	23.1	23.5	23.9
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.9	10	11.5	13.4	15.8
SIT (°F)		55	60	66	74	85
130°F						
Capacity (Btu/hr)		160,141	182,046	211,679	251,882	302,364
Evap (Lb/hr)		1989	2319	2794	3470	4428
Cond (Lb/hr)		2760	3139	3653	4355	5252
Power (Bhp)		25.5	25.8	26.1	26.6	27
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.6	8.5	9.8	11.4	13.5
SIT (°F)		58	63	70	78	89
SST (°F)		35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 17
 130°F to 150°F SCT, -10°F to 30°F SST see page 18
 130°F to 150°F SCT, 35°F to 55°F SST see page 20

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

1750 rpm

Displacement 54 CFM @ 60 Hz

SCT

	SST (°F)	35	40	45	50	55
130°F						
Capacity (Btu/hr)		160,141	182,046	211,679	251,882	302,364
Evap (Lb/hr)		1989	2319	2794	3470	4428
Cond (Lb/hr)		2760	3139	3653	4355	5252
Power (Bhp)		25.5	25.8	26.1	26.6	27
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.6	8.5	9.8	11.4	13.5
SIT (°F)		58	63	70	78	89
140°F						
Capacity (Btu/hr)		153,325	173,931	203,816	242,316	293,619
Evap (Lb/hr)		1929	2255	2728	3404	4369
Cond (Lb/hr)		2824	3203	3755	4470	5437
Power (Bhp)		28.8	29.1	29.6	30	30.6
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6.4	7.2	8.3	9.8	11.6
SIT (°F)		61	67	73	82	92
150°F						
Capacity (Btu/hr)		145,297	166,048	194,488	232,294	281,344
Evap (Lb/hr)		1860	2182	2653	3330	4302
Cond (Lb/hr)		2877	3286	3847	4599	5589
Power (Bhp)		32.3	32.8	33.2	33.7	34.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.4	6.1	7.1	8.3	9.9
SIT (°F)		65	70	77	86	97
	SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 17

130°F to 150°F SCT, -10°F to 30°F SST see page 18

80°F to 130°F SCT, 35°F to 55°F SST see page 19

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT

80°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)		109,395	122,190	136,166	151,388	167,920	185,816	205,126	225,888	249,106
Evap (Lb/hr)		1140	1292	1461	1650	1860	2093	2350	2635	2949
Cond (Lb/hr)		1432	1597	1777	1974	2189	2423	2676	2950	3260
Power (Bhp)		15.8	15.9	16.1	16.2	16.4	16.5	16.6	16.8	16.9
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.4	9.2	10.2	11.2	12.4	13.6	14.9	16.3	17.8
SIT (°F)		16	20	24	28	32	36	40	44	47
90°F										
Capacity (Btu/hr)		106,753	119,471	133,303	148,316	164,574	182,136	201,052	221,365	243,103
Evap (Lb/hr)		1123	1276	1446	1634	1843	2074	2330	2612	2924
Cond (Lb/hr)		1468	1640	1827	2030	2251	2491	2751	3031	3334
Power (Bhp)		18	18.2	18.4	18.5	18.7	18.9	19	19.2	19.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.1	7.9	8.8	9.7	10.6	11.6	12.7	13.9	15.2
SIT (°F)		19	23	27	31	35	39	43	47	51
100°F										
Capacity (Btu/hr)		104,359	117,053	130,341	145,146	161,133	178,362	196,887	216,752	237,992
Evap (Lb/hr)		1106	1259	1428	1616	1824	2054	2308	2588	2897
Cond (Lb/hr)		1513	1693	1881	2091	2319	2566	2833	3121	3431
Power (Bhp)		20.6	20.8	20.9	21.1	21.3	21.5	21.7	21.9	22.1
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6.1	6.8	7.5	8.3	9.1	10	10.9	11.9	13
SIT (°F)		21	26	30	34	38	42	46	50	54
110°F										
Capacity (Btu/hr)		101,274	113,890	127,039	141,635	157,349	174,244	192,376	211,794	232,534
Evap (Lb/hr)		1084	1237	1407	1594	1801	2030	2282	2560	2866
Cond (Lb/hr)		1552	1741	1937	2155	2391	2646	2921	3217	3536
Power (Bhp)		23.3	23.6	23.7	24	24.2	24.5	24.7	24.9	25.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.2	5.8	6.5	7.1	7.8	8.6	9.4	10.2	11.2
SIT (°F)		24	28	33	37	41	45	49	53	57
120°F										
Capacity (Btu/hr)		97,612	110,148	123,155	137,538	152,975	169,532	187,268	206,233	226,468
Evap (Lb/hr)		1055	1209	1379	1565	1771	1998	2248	2523	2827
Cond (Lb/hr)		1589	1787	1992	2219	2464	2727	3011	3316	3645
Power (Bhp)		26.4	26.7	26.8	27.1	27.4	27.7	28	28.3	28.6
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		4.5	5	5.5	6.1	6.7	7.4	8.1	8.8	9.6
SIT (°F)		27	31	36	40	44	48	52	56	60
130°F										
Capacity (Btu/hr)		93,136	105,585	118,449	132,611	147,765	163,977	180,565	198,970	218,582
Evap (Lb/hr)		1018	1172	1341	1526	1731	1956	2203	2476	2776
Cond (Lb/hr)		1617	1826	2041	2279	2534	2807	3088	3401	3739
Power (Bhp)		29.8	30.1	30.3	30.6	31	31.3	31.5	31.9	32.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.8	4.2	4.7	5.2	5.8	6.3	6.9	7.5	8.2
SIT (°F)		30	34	39	43	47	51	56	60	64
SST (°F)		-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 22
 80°F to 130°F SCT, 35°F to 55°F SST see page 23
 130°F to 150°F SCT, 35°F to 55°F SST see page 24

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT

130°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)		93,136	105,585	118,449	132,611	147,765	163,977	180,565	198,970	218,582
Evap (Lb/hr)		1018	1172	1341	1526	1731	1956	2203	2476	2776
Cond (Lb/hr)		1617	1826	2041	2279	2534	2807	3088	3401	3739
Power (Bhp)		29.8	30.1	30.3	30.6	31	31.3	31.5	31.9	32.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.8	4.2	4.7	5.2	5.8	6.3	6.9	7.5	8.2
SIT (°F)		30	34	39	43	47	51	56	60	64
140°F										
Capacity (Btu/hr)		87,610	99,965	113,103	126,614	141,473	157,328	173,515	191,446	210,530
Evap (Lb/hr)		967	1121	1290	1474	1677	1899	2144	2413	2709
Cond (Lb/hr)		1633	1854	2089	2330	2596	2881	3172	3497	3846
Power (Bhp)		33.5	33.8	34.2	34.5	34.8	35.2	35.5	35.9	36.3
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.2	3.6	4	4.4	4.9	5.4	5.9	6.4	7
SIT (°F)		33	37	41	46	50	54	59	63	67
150°F										
Capacity (Btu/hr)		80,802	93,052	106,016	119,304	133,856	149,339	165,115	182,555	201,092
Evap (Lb/hr)		902	1055	1223	1405	1605	1825	2066	2331	2622
Cond (Lb/hr)		1627	1864	2113	2368	2647	2944	3248	3587	3949
Power (Bhp)		37.6	38	38.4	38.6	39.1	39.6	39.9	40.3	40.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		2.6	3	3.3	3.7	4.1	4.6	5	5.5	5.9
SIT (°F)		36	40	44	49	53	57	62	66	70
	SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 21
 80°F to 130°F SCT, 35°F to 55°F SST see page 23
 130°F to 150°F SCT, 35°F to 55°F SST see page 24

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

3500 rpm

Displacement 65 CFM @ 60 Hz

SCT

80°F	SST (°F)	35	40	45	50	55
Capacity (Btu/hr)		272,959	299,545	326,519	356,480	388,166
Evap (Lb/hr)		3294	3673	4089	4543	5039
Cond (Lb/hr)		3580	3941	4312	4729	5176
Power (Bhp)		17	17.1	17.1	17.1	17.1
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		19.4	21.2	23.1	25.2	27.5
SIT (°F)		51	54	58	61	64
90°F						
Capacity (Btu/hr)		267,382	292,141	319,717	349,013	380,009
Evap (Lb/hr)		3266	3643	4055	4507	5000
Cond (Lb/hr)		3676	4028	4424	4851	5310
Power (Bhp)		19.5	19.6	19.7	19.8	19.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		16.6	18	19.6	21.3	23.1
SIT (°F)		54	58	61	64	67
100°F						
Capacity (Btu/hr)		261,722	285,891	311,460	339,932	370,062
Evap (Lb/hr)		3237	3611	4020	4469	4960
Cond (Lb/hr)		3782	4142	4529	4965	5433
Power (Bhp)		22.3	22.4	22.5	22.7	22.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		14.2	15.4	16.7	18.1	19.6
SIT (°F)		57	61	65	68	71
110°F						
Capacity (Btu/hr)		254,622	278,066	304,231	332,037	359,763
Evap (Lb/hr)		3203	3573	3980	4425	4913
Cond (Lb/hr)		3879	4247	4663	5111	5567
Power (Bhp)		25.4	25.5	25.8	26	26.1
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		12.1	13.1	14.2	15.4	16.7
SIT (°F)		61	65	68	71	75
120°F						
Capacity (Btu/hr)		248,003	270,851	295,009	321,977	350,537
Evap (Lb/hr)		3161	3527	3930	4372	4857
Cond (Lb/hr)		3997	4376	4783	5241	5736
Power (Bhp)		28.8	29.1	29.2	29.5	29.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		10.4	11.2	12.2	13.1	14.2
SIT (°F)		64	68	72	75	78
130°F						
Capacity (Btu/hr)		239,433	262,743	286,255	311,019	338,681
Evap (Lb/hr)		3106	3469	3868	4305	4786
Cond (Lb/hr)		4101	4509	4928	5377	5885
Power (Bhp)		32.5	32.9	33.2	33.4	33.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.9	9.6	10.4	11.2	12.1
SIT (°F)		68	71	75	79	82
	SST (°F)	35	40	45	50	55

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT

130°F	SST (°F)	35	40	45	50	55
Capacity (Btu/hr)		239,433	262,743	286,255	311,019	338,681
Evap (Lb/hr)		3106	3469	3868	4305	4786
Cond (Lb/hr)		4101	4509	4928	5377	5885
Power (Bhp)		32.5	32.9	33.2	33.4	33.8
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.9	9.6	10.4	11.2	12.1
SIT (°F)		68	71	75	79	82
<hr/>						
140°F						
Capacity (Btu/hr)		230,803	252,287	274,989	300,384	325,631
Evap (Lb/hr)		3035	3393	3787	4220	4695
Cond (Lb/hr)		4221	4622	5053	5540	6037
Power (Bhp)		36.7	37	37.4	37.8	38.1
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7.6	8.2	8.9	9.6	10.3
SIT (°F)		71	75	79	82	86
<hr/>						
150°F						
Capacity (Btu/hr)		220,766	241,605	263,620	286,803	312,760
Evap (Lb/hr)		2943	3296	3684	4111	4580
Cond (Lb/hr)		4337	4754	5200	5678	6221
Power (Bhp)		41.2	41.7	42.1	42.4	43
Current (Amps)		N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6.5	7	7.6	8.2	8.8
SIT (°F)		74	78	82	86	89
	SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 21
 130°F to 150°F SCT, -10°F to 30°F SST see page 22
 80°F to 130°F SCT, 35°F to 55°F SST see page 23

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
3500 rpm
Displacement 78 CFM @ 60 Hz

SCT

80°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)		131,180	146,888	163,609	181,868	201,759	223,354	246,704	271,827	298,699
Evap (Lb/hr)		1367	1548	1750	1976	2227	2506	2816	3159	3536
Cond (Lb/hr)		1717	1921	2137	2374	2632	2914	3220	3551	3909
Power (Bhp)		19.5	19.6	19.8	19.9	20.1	20.3	20.5	20.6	20.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		8.1	9	10	11	12.1	13.3	14.5	15.9	17.4
SIT (°F)		16	19	23	27	31	35	39	43	47
90°F										
Capacity (Btu/hr)		128,420	143,969	161,009	179,042	197,933	219,091	241,946	266,520	292,799
Evap (Lb/hr)		1351	1532	1734	1958	2208	2486	2793	3133	3507
Cond (Lb/hr)		1766	1977	2209	2454	2710	2998	3312	3651	4017
Power (Bhp)		22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		7	7.8	8.6	9.5	10.4	11.5	12.5	13.7	14.9
SIT (°F)		19	22	25	29	34	38	42	46	50
100°F										
Capacity (Btu/hr)		125,608	141,073	157,418	175,174	194,439	214,493	236,903	260,993	286,756
Evap (Lb/hr)		1331	1512	1713	1937	2185	2461	2766	3104	3477
Cond (Lb/hr)		1821	2042	2275	2527	2802	3089	3411	3760	4135
Power (Bhp)		25.1	25.4	25.5	25.8	26	26.2	26.5	26.7	27
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		6	6.7	7.4	8.2	9	9.9	10.8	11.8	12.8
SIT (°F)		21	24	28	32	36	41	45	49	53
110°F										
Capacity (Btu/hr)		121,940	137,289	153,460	170,983	189,963	209,692	231,737	254,406	279,632
Evap (Lb/hr)		1305	1486	1688	1911	2158	2433	2738	3075	3447
Cond (Lb/hr)		1870	2101	2344	2606	2891	3187	3520	3865	4252
Power (Bhp)		28.4	28.7	28.9	29.2	29.5	29.7	30.1	30.3	30.6
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.2	5.8	6.4	7.1	7.8	8.5	9.3	10.1	11
SIT (°F)		24	27	31	35	39	44	48	53	57
120°F										
Capacity (Btu/hr)		117,875	133,150	149,200	166,552	184,623	204,817	225,697	247,983	272,817
Evap (Lb/hr)		1274	1457	1658	1882	2129	2404	2709	3047	3420
Cond (Lb/hr)		1919	2163	2417	2691	2977	3297	3629	3986	4388
Power (Bhp)		32.2	32.5	32.7	33.1	33.3	33.7	34	34.3	34.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		4.4	4.9	5.5	6.1	6.7	7.3	8	8.7	9.5
SIT (°F)		27	30	34	38	43	47	52	57	61
130°F										
Capacity (Btu/hr)		113,436	128,236	144,165	160,744	179,229	198,407	218,948	240,884	264,209
Evap (Lb/hr)		1239	1423	1626	1850	2099	2376	2682	3023	3399
Cond (Lb/hr)		1969	2219	2486	2763	3073	3394	3740	4111	4511
Power (Bhp)		36.3	36.6	36.9	37.2	37.6	37.9	38.3	38.7	39
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.8	4.2	4.7	5.2	5.8	6.3	6.9	7.5	8.2
SIT (°F)		30	34	38	43	47	52	57	62	67
	SST (°F)	-10	-5	0	5	10	15	20	25	30

130°F to 150°F SCT, -10°F to 30°F SST see page 26
80°F to 130°F SCT, 35°F to 55°F SST see page 27
130°F to 150°F SCT, 35°F to 55°F SST see page 28

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

3500 rpm

Displacement 78 CFM @ 60 Hz

SCT

130°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)		113,436	128,236	144,165	160,744	179,229	198,407	218,948	240,884	264,209
Evap (Lb/hr)		1239	1423	1626	1850	2099	2376	2682	3023	3399
Cond (Lb/hr)		1969	2219	2486	2763	3073	3394	3740	4111	4511
Power (Bhp)		36.3	36.6	36.9	37.2	37.6	37.9	38.3	38.7	39
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.8	4.2	4.7	5.2	5.8	6.3	6.9	7.5	8.2
SIT (°F)		30	34	38	43	47	52	57	62	67
140°F										
Capacity (Btu/hr)		107,859	122,601	138,424	154,868	172,493	191,395	211,649	233,304	256,369
Evap (Lb/hr)		1199	1385	1590	1817	2069	2348	2659	3005	3389
Cond (Lb/hr)		2004	2269	2552	2844	3157	3493	3855	4244	4664
Power (Bhp)		40.8	41.1	41.5	41.8	42.2	42.6	43.1	43.5	44
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.2	3.6	4	4.5	4.9	5.4	5.9	6.5	7
SIT (°F)		35	39	43	48	53	58	63	68	73
150°F										
Capacity (Btu/hr)		101,583	116,290	132,042	148,393	165,912	183,913	203,966	224,401	245,997
Evap (Lb/hr)		1155	1344	1553	1783	2039	2325	2643	2998	3393
Cond (Lb/hr)		2030	2313	2614	2924	3256	3596	3979	4371	4791
Power (Bhp)		45.7	46.1	46.5	46.9	47.4	47.8	48.4	48.8	49.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		2.7	3	3.4	3.8	4.2	4.6	5.1	5.6	6
SIT (°F)		41	45	49	54	59	65	70	76	82
	SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 25

80°F to 130°F SCT, 35°F to 55°F SST see page 27

130°F to 150°F SCT, 35°F to 55°F SST see page 28

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT
 80°F

SST (°F)	35	40	45	50	55
80°F					
Capacity (Btu/hr)	327,242	357,313	390,344	426,589	464,241
Evap (Lb/hr)	3949	4400	4888	5413	5974
Cond (Lb/hr)	4292	4700	5154	5659	6190
Power (Bhp)	20.8	20.9	20.9	21	21
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	18.9	20.7	22.5	24.5	26.7
SIT (°F)	51	55	58	60	62
90°F					
Capacity (Btu/hr)	320,712	350,127	382,485	416,213	452,999
Evap (Lb/hr)	3918	4366	4852	5375	5934
Cond (Lb/hr)	4409	4827	5293	5785	6330
Power (Bhp)	23.8	23.9	24	24.1	24.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	16.2	17.7	19.2	20.8	22.6
SIT (°F)	54	58	61	64	66
100°F					
Capacity (Btu/hr)	314,133	343,004	374,820	408,025	442,280
Evap (Lb/hr)	3885	4332	4817	5340	5900
Cond (Lb/hr)	4539	4970	5450	5959	6494
Power (Bhp)	27.2	27.4	27.6	27.7	27.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	13.9	15.1	16.4	17.8	19.2
SIT (°F)	57	61	64	67	70
110°F					
Capacity (Btu/hr)	306,457	334,775	364,400	396,906	432,538
Evap (Lb/hr)	3855	4302	4789	5315	5879
Cond (Lb/hr)	4668	5112	5584	6109	6692
Power (Bhp)	30.9	31.1	31.3	31.5	31.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12	13	14	15.2	16.4
SIT (°F)	61	65	69	72	74
120°F					
Capacity (Btu/hr)	297,947	325,744	354,874	386,935	420,132
Evap (Lb/hr)	3831	4281	4772	5305	5878
Cond (Lb/hr)	4799	5260	5750	6296	6874
Power (Bhp)	34.9	35.3	35.5	35.9	36.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.3	11.1	12.1	13	14
SIT (°F)	66	70	74	77	80
130°F					
Capacity (Btu/hr)	290,185	316,215	344,944	374,806	407,550
Evap (Lb/hr)	3815	4273	4773	5318	5907
Cond (Lb/hr)	4960	5418	5930	6473	7078
Power (Bhp)	39.5	39.8	40.2	40.5	40.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.9	9.6	10.4	11.2	12
SIT (°F)	71	76	80	84	87
SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 5
 130°F to 150°F SCT, -10°F to 30°F SST see page 6
 130°F to 150°F SCT, 35°F to 55°F SST see page 8

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT

		35	40	45	50	55
130°F	SST (°F)					
	Capacity (Btu/hr)	290,185	316,215	344,944	374,806	407,550
	Evap (Lb/hr)	3815	4273	4773	5318	5907
	Cond (Lb/hr)	4960	5418	5930	6473	7078
	Power (Bhp)	39.5	39.8	40.2	40.5	40.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	8.9	9.6	10.4	11.2	12
SIT (°F)	71	76	80	84	87	
140°F	Capacity (Btu/hr)	280,805	306,505	333,282	362,777	395,291
	Evap (Lb/hr)	3814	4284	4800	5365	5978
	Cond (Lb/hr)	5114	5595	6106	6679	7320
	Power (Bhp)	44.5	44.9	45.2	45.6	46.2
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	7.6	8.2	8.9	9.6	10.3
	SIT (°F)	78	83	88	92	95
150°F	Capacity (Btu/hr)	270,049	295,422	321,947	351,344	381,725
	Evap (Lb/hr)	3834	4323	4864	5459	6109
	Cond (Lb/hr)	5265	5774	6318	6931	7582
	Power (Bhp)	49.8	50.3	50.8	51.4	51.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	6.5	7.1	7.6	8.2	8.9
	SIT (°F)	87	92	97	101	105
SST (°F)		35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 25
 130°F to 150°F SCT, -10°F to 30°F SST see page 26
 80°F to 130°F SCT, 35°F to 55°F SST see page 27

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
3500 rpm
Displacement 88 CFM @ 60 Hz

SCT
80°F

SST (°F)	-10	-5	0	5	10	15	20	25	30
80°F									
Capacity (Btu/hr)*	147,317	164,755	183,665	204,110	226,154	250,778	276,339	304,891	334,335
Evap (Lb/hr)	1540	1748	1978	2233	2514	2824	3166	3543	3958
Cond (Lb/hr)	1927	2152	2396	2661	2947	3269	3605	3983	4375
Power (Bhp)	22.2	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8	8.9	9.8	10.8	11.9	13.1	14.3	15.7	17.1
SIT (°F)	17	21	25	29	33	36	40	43	47
90°F									
Capacity (Btu/hr)*	144,932	161,744	180,449	200,641	222,388	245,765	271,883	298,898	327,823
Evap (Lb/hr)	1520	1727	1957	2210	2490	2799	3139	3514	3927
Cond (Lb/hr)	1994	2220	2473	2746	3042	3362	3721	4095	4498
Power (Bhp)	25.2	25.3	25.5	25.8	26	26.2	26.5	26.7	26.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.9	7.7	8.5	9.4	10.3	11.3	12.4	13.5	14.7
SIT (°F)	18	23	27	31	35	39	42	46	50
100°F									
Capacity (Btu/hr)*	141,931	158,626	177,152	197,110	218,577	241,631	266,361	292,862	321,245
Evap (Lb/hr)	1499	1706	1934	2187	2465	2772	3110	3483	3895
Cond (Lb/hr)	2059	2295	2558	2841	3148	3478	3835	4219	4634
Power (Bhp)	28.5	28.7	29	29.2	29.5	29.8	30	30.3	30.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6	6.7	7.4	8.1	8.9	9.8	10.7	11.7	12.7
SIT (°F)	20	25	29	33	37	41	45	49	53
110°F									
Capacity (Btu/hr)*	138,143	154,675	172,962	192,615	213,711	236,335	260,578	286,544	314,349
Evap (Lb/hr)	1473	1680	1909	2160	2437	2742	3079	3449	3859
Cond (Lb/hr)	2120	2366	2639	2933	3250	3591	3959	4355	4782
Power (Bhp)	32.3	32.5	32.8	33.1	33.4	33.7	34	34.3	34.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.7	6.4	7	7.7	8.5	9.2	10.1	11
SIT (°F)	23	28	32	36	40	44	48	52	56
120°F									
Capacity (Btu/hr)*	133,860	150,247	168,309	187,662	207,594	230,569	254,306	279,703	306,882
Evap (Lb/hr)	1442	1650	1877	2128	2404	2707	3040	3408	3814
Cond (Lb/hr)	2181	2438	2723	3029	3345	3712	4092	4501	4942
Power (Bhp)	36.5	36.7	37	37.4	37.6	38.1	38.4	38.8	39.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.9	5.5	6.1	6.7	7.3	8	8.7	9.5
SIT (°F)	26	31	35	39	44	47	51	55	59
130°F									
Capacity (Btu/hr)*	128,444	144,631	162,395	181,361	201,609	223,226	246,308	270,961	297,308
Evap (Lb/hr)	1403	1611	1838	2088	2361	2662	2993	3357	3759
Cond (Lb/hr)	2230	2500	2798	3116	3457	3822	4214	4635	5089
Power (Bhp)	41.1	41.3	41.7	42.1	42.4	42.8	43.2	43.6	44
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.8	4.2	4.7	5.2	5.7	6.3	6.9	7.5	8.2
SIT (°F)	30	35	39	43	47	51	55	59	63
SST (°F)	-10	-5	0	5	10	15	20	25	30

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

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT

130°F	SST (°F)	-10	-5	0	5	10	15	20	25	30
Capacity (Btu/hr)*		128,444	144,631	162,395	181,361	201,609	223,226	246,308	270,961	297,308
Evap (Lb/hr)		1403	1611	1838	2088	2361	2662	2993	3357	3759
Cond (Lb/hr)		2230	2500	2798	3116	3457	3822	4214	4635	5089
Power (Bhp)		41.1	41.3	41.7	42.1	42.4	42.8	43.2	43.6	44
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.8	4.2	4.7	5.2	5.7	6.3	6.9	7.5	8.2
SIT (°F)		30	35	39	43	47	51	55	59	63
140°F										
Capacity (Btu/hr)*		122,178	138,176	155,644	174,217	193,974	215,876	238,382	262,369	287,959
Evap (Lb/hr)		1354	1561	1788	2036	2308	2606	2933	3292	3689
Cond (Lb/hr)		2272	2557	2870	3203	3558	3953	4360	4797	5266
Power (Bhp)		46.3	46.5	46.9	47.2	47.6	48.2	48.7	49.1	49.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		3.2	3.6	4	4.4	4.9	5.4	5.9	6.4	7
SIT (°F)		35	39	43	47	51	54	58	62	66
150°F										
Capacity (Btu/hr)*		114,453	130,693	147,863	166,033	186,033	206,543	228,312	252,544	277,298
Evap (Lb/hr)		1292	1499	1725	1971	2240	2534	2856	3210	3600
Cond (Lb/hr)		2293	2606	2937	3286	3673	4070	4492	4966	5452
Power (Bhp)		51.9	52.2	52.6	53	53.6	54	54.4	55.1	55.5
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		2.7	3	3.4	3.8	4.2	4.6	5.1	5.5	6
SIT (°F)		39	43	47	51	54	58	62	65	69
	SST (°F)	-10	-5	0	5	10	15	20	25	30

80°F to 130°F SCT, -10°F to 30°F SST see page 29
 80°F to 130°F SCT, 35°F to 55°F SST see page 31
 130°F to 150°F SCT, 35°F to 55°F SST see page 32

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT
80°F

SST (°F)	35	40	45	50	55
Capacity (Btu/hr)*	367,281	401,084	439,052	477,880	519,436
Evap (Lb/hr)	4415	4918	5475	6091	6774
Cond (Lb/hr)	4818	5277	5798	6339	6927
Power (Bhp)	23.7	23.8	23.9	23.9	23.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	18.7	20.3	22.2	24.1	26.3
SIT (°F)	50	54	57	61	65

90°F

Capacity (Btu/hr)*	360,245	393,538	429,175	467,354	508,316
Evap (Lb/hr)	4383	4886	5444	6062	6750
Cond (Lb/hr)	4954	5426	5939	6496	7102
Power (Bhp)	27.1	27.2	27.3	27.4	27.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	16.1	17.5	19	20.6	22.3
SIT (°F)	53	57	61	65	69

100°F

Capacity (Btu/hr)*	351,636	384,184	419,066	456,496	496,739
Evap (Lb/hr)	4349	4852	5409	6029	6720
Cond (Lb/hr)	5082	5567	6094	6666	7292
Power (Bhp)	30.7	30.9	31.1	31.3	31.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	13.8	15	16.3	17.6	19.1
SIT (°F)	57	61	65	69	73

110°F

Capacity (Btu/hr)*	344,129	376,042	410,278	447,069	484,361
Evap (Lb/hr)	4311	4811	5367	5986	6678
Cond (Lb/hr)	5244	5745	6288	6880	7494
Power (Bhp)	34.9	35.1	35.4	35.7	35.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	11.9	12.9	14	15.1	16.3
SIT (°F)	60	64	68	72	77

120°F

Capacity (Btu/hr)*	335,984	367,176	398,813	434,595	473,175
Evap (Lb/hr)	4263	4761	5313	5930	6620
Cond (Lb/hr)	5418	5934	6466	7074	7741
Power (Bhp)	39.5	39.9	40	40.4	40.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.3	11.1	12	13	14
SIT (°F)	63	67	72	76	80

130°F

Capacity (Btu/hr)*	325,491	355,677	388,067	422,905	458,177
Evap (Lb/hr)	4203	4696	5243	5854	6540
Cond (Lb/hr)	5578	6107	6682	7310	7960
Power (Bhp)	44.4	44.8	45.3	45.7	46
Current (Amps)	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.8	9.6	10.3	11.2	12
SIT (°F)	67	71	75	79	84
SST (°F)	35	40	45	50	55

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

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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

3500 rpm

Displacement 88 CFM @ 60 Hz

SCT

130°F		SST (°F)	35	40	45	50	55
Capacity (Btu/hr)*			325,491	355,677	388,067	422,905	458,177
Evap (Lb/hr)			4203	4696	5243	5854	6540
Cond (Lb/hr)			5578	6107	6682	7310	7960
Power (Bhp)			44.4	44.8	45.3	45.7	46
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			8.8	9.6	10.3	11.2	12
SIT (°F)			67	71	75	79	84
<hr/>							
140°F							
Capacity (Btu/hr)*			315,293	344,539	375,897	409,611	443,693
Evap (Lb/hr)			4127	4612	5152	5754	6431
Cond (Lb/hr)			5771	6317	6909	7555	8224
Power (Bhp)			50	50.5	51	51.5	51.8
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			7.6	8.2	8.9	9.6	10.3
SIT (°F)			70	74	78	82	87
<hr/>							
150°F							
Capacity (Btu/hr)*			303,683	333,438	363,805	394,428	429,342
Evap (Lb/hr)			4030	4505	5034	5625	6288
Cond (Lb/hr)			5974	6568	7182	7813	8541
Power (Bhp)			56	56.8	57.4	57.7	58.3
Current (Amps)			N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			6.5	7.1	7.7	8.3	8.9
SIT (°F)			73	76	80	85	89
		SST (°F)	35	40	45	50	55

80°F to 130°F SCT, -10°F to 30°F SST see page 29

130°F to 150°F SCT, -10°F to 30°F SST see page 30

80°F to 130°F SCT, 35°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
1750 rpm
Displacement 33 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
Capacity (Btu/hr)*	43,485	49,607	56,291	63,583	71,525	80,163	89,537	99,690	110,660	122,485	135,771	
Evap (Lb/hr)	458	530	609	698	797	907	1030	1166	1317	1485	1670	
Cond (Lb/hr)	677	768	868	976	1093	1221	1360	1510	1672	1847	2046	
Power (Bhp)	10.4	10.9	11.4	11.8	12.1	12.4	12.6	12.7	12.8	12.9	13	
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Efficiency (EER)	5	5.5	6	6.5	7.1	7.8	8.6	9.5	10.4	11.5	12.6	
SIT (°F)	-16.2	-12	-8	-4	0	4	8	12	16	20	23	
80°F	Capacity (Btu/hr)*	40,870	47,145	53,726	60,990	68,829	77,286	86,404	96,225	106,789	118,135	130,298
	Evap (Lb/hr)	433	507	587	677	775	885	1005	1139	1287	1450	1631
	Cond (Lb/hr)	684	784	888	1003	1127	1260	1403	1557	1723	1902	2095
	Power (Bhp)	11.6	12.2	12.7	13.1	13.5	13.9	14.1	14.3	14.5	14.6	14.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	4.3	4.7	5.1	5.6	6.1	6.7	7.4	8.1	8.9	9.7	10.7
	SIT (°F)	-14	-9.6	-5	-1	3	7	11	15	19	23	27
90°F	Capacity (Btu/hr)*	37,963	44,212	50,991	58,023	65,727	73,974	82,808	92,270	102,403	113,245	124,834
	Evap (Lb/hr)	405	480	561	651	748	856	975	1105	1249	1408	1583
	Cond (Lb/hr)	689	796	912	1030	1161	1299	1448	1607	1777	1960	2156
	Power (Bhp)	12.9	13.6	14.2	14.7	15.1	15.5	15.9	16.2	16.4	16.6	16.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.5	3.9	4.3	4.8	5.2	5.7	6.3	6.9	7.5	8.2	9
	SIT (°F)	-11.9	-7.4	-3	2	6	10	14	18	22	26	30
100°F	Capacity (Btu/hr)*	34,652	40,996	47,625	54,772	62,115	70,124	78,647	87,365	96,989	107,246	118,173
	Evap (Lb/hr)	372	448	530	618	715	821	937	1064	1203	1357	1526
	Cond (Lb/hr)	689	807	929	1060	1194	1339	1494	1650	1824	2010	2208
	Power (Bhp)	14.4	15.1	15.8	16.4	16.9	17.4	17.8	18.1	18.4	18.7	18.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.9	3.3	3.6	4	4.4	4.9	5.3	5.8	6.3	6.9	7.5
	SIT (°F)	-9.9	-5.1	0	4	9	13	17	22	26	30	34
110°F	Capacity (Btu/hr)*	30,824	37,233	43,855	50,727	58,109	65,632	73,817	82,140	91,287	100,999	110,790
	Evap (Lb/hr)	333	409	491	579	674	777	890	1013	1147	1295	1457
	Cond (Lb/hr)	679	811	945	1082	1229	1377	1538	1700	1879	2070	2261
	Power (Bhp)	16	16.9	17.6	18.3	19	19.5	20	20.4	20.8	21.2	21.4
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.3	2.7	3	3.3	3.7	4.1	4.4	4.9	5.3	5.8	6.3
	SIT (°F)	-7.8	-2.9	2	7	11	16	20	25	29	33	38
120°F	Capacity (Btu/hr)*	26,364	32,807	39,391	46,158	53,144	60,388	67,925	76,116	84,382	93,471	103,093
	Evap (Lb/hr)	287	363	444	531	624	724	832	951	1079	1221	1376
	Cond (Lb/hr)	654	802	951	1101	1253	1410	1571	1747	1923	2118	2324
	Power (Bhp)	17.8	18.8	19.7	20.5	21.2	21.8	22.4	22.9	23.3	23.8	24.2
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	1.8	2.1	2.4	2.7	3	3.3	3.7	4	4.4	4.7	5.1
	SIT (°F)	-5.7	-0.6	4	9	14	19	24	28	33	37	41
	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 2
70°F to 120°F SCT, 0°F to 40°F SST see page 3
120°F to 130°F SCT, 0°F to 40°F SST see page 4

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	26,364	32,807	39,391	46,158	53,144	60,388	67,925	76,116	84,382	93,471	103,093
Evap (Lb/hr)	287	363	444	531	624	724	832	951	1079	1221	1376
Cond (Lb/hr)	654	802	951	1101	1253	1410	1571	1747	1923	2118	2324
Power (Bhp)	17.8	18.8	19.7	20.5	21.2	21.8	22.4	22.9	23.3	23.8	24.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.8	2.1	2.4	2.7	3	3.3	3.7	4	4.4	4.7	5.1
SIT (°F)	-5.7	-0.6	4	9	14	19	24	28	33	37	41

130°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	21,079	27,499	33,988	40,588	47,339	54,279	61,444	68,869	76,585	85,033	93,473
Evap (Lb/hr)	232	308	388	472	562	659	763	875	998	1132	1279
Cond (Lb/hr)	601	770	935	1100	1266	1433	1604	1779	1961	2161	2359
Power (Bhp)	19.8	20.9	21.9	22.8	23.6	24.4	25	25.6	26.2	26.7	27.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.3	1.6	1.9	2.1	2.4	2.7	3	3.2	3.5	3.8	4.2
SIT (°F)	-3.5	1.9	7	12	17	22	27	32	37	41	46

70°F to 120°F SCT, -50°F to 0°F SST see page 1
 70°F to 120°F SCT, 0°F to 40°F SST see page 3
 120°F to 130°F SCT, 0°F to 40°F SST see page 4

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 33 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	135,771	149,489	164,171	180,681	197,483	215,336	235,468	255,628	278,433
Evap (Lb/hr)	1670	1876	2102	2353	2630	2936	3274	3648	4061
Cond (Lb/hr)	2046	2251	2472	2723	2980	3255	3570	3889	4256
Power (Bhp)	13	13	12.9	12.9	12.9	12.8	12.7	12.6	12.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.6	13.9	15.3	16.9	18.5	20.4	22.4	24.5	26.8
SIT (°F)	23	27	31	34	38	42	45	49	52

80°F

Capacity (Btu/hr)*	130,298	143,313	157,939	172,844	188,696	206,572	224,512	244,808	264,948
Evap (Lb/hr)	1631	1830	2050	2294	2563	2860	3188	3550	3952
Cond (Lb/hr)	2095	2301	2536	2776	3033	3327	3625	3967	4313
Power (Bhp)	14.7	14.7	14.8	14.8	14.8	14.8	14.7	14.7	14.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.7	11.7	12.9	14.1	15.4	16.9	18.5	20.1	22
SIT (°F)	27	31	34	38	42	45	49	52	56

90°F

Capacity (Btu/hr)*	124,834	137,204	150,388	164,415	180,228	196,131	212,952	232,024	250,877
Evap (Lb/hr)	1583	1776	1989	2225	2485	2772	3090	3441	3830
Cond (Lb/hr)	2156	2366	2591	2832	3107	3386	3685	4029	4375
Power (Bhp)	16.7	16.8	16.9	16.9	17	17	16.9	17	16.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9	9.8	10.7	11.7	12.8	13.9	15.2	16.5	17.9
SIT (°F)	30	34	38	42	45	49	53	56	60

100°F

Capacity (Btu/hr)*	118,173	129,807	142,179	155,319	170,150	185,017	200,727	218,585	236,175
Evap (Lb/hr)	1526	1712	1918	2144	2395	2672	2978	3318	3694
Cond (Lb/hr)	2208	2420	2647	2890	3168	3448	3749	4095	4444
Power (Bhp)	18.9	19.1	19.2	19.3	19.5	19.5	19.5	19.6	19.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.5	8.2	8.9	9.7	10.5	11.4	12.4	13.5	14.6
SIT (°F)	34	38	42	46	49	53	57	60	64

110°F

Capacity (Btu/hr)*	110,790	121,675	133,226	146,244	159,320	173,155	187,767	204,423	220,778
Evap (Lb/hr)	1457	1636	1833	2051	2291	2557	2852	3178	3541
Cond (Lb/hr)	2261	2476	2705	2967	3231	3514	3817	4168	4520
Power (Bhp)	21.4	21.6	21.8	22.1	22.2	22.3	22.4	22.6	22.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.3	6.8	7.4	8	8.6	9.4	10.1	10.9	11.8
SIT (°F)	38	42	46	49	53	57	61	64	68

120°F

Capacity (Btu/hr)*	103,093	112,715	123,438	134,793	146,809	159,509	173,985	188,243	203,239
Evap (Lb/hr)	1376	1546	1734	1942	2171	2425	2707	3020	3369
Cond (Lb/hr)	2324	2530	2763	3011	3277	3561	3890	4219	4573
Power (Bhp)	24.2	24.4	24.7	25	25.2	25.4	25.7	25.8	25.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6	6.5	7	7.6	8.2	8.8	9.5
SIT (°F)	41	46	50	54	58	62	65	69	73
SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 1
120°F to 130°F SCT, -50°F to 0°F SST see page 2
120°F to 130°F SCT, 0°F to 40°F SST see page 4

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
 1750 rpm
 Displacement 33 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	103,093	112,715	123,438	134,793	146,809	159,509	173,985	188,243	203,239
Evap (Lb/hr)	1376	1546	1734	1942	2171	2425	2707	3020	3369
Cond (Lb/hr)	2324	2530	2763	3011	3277	3561	3890	4219	4573
Power (Bhp)	24.2	24.4	24.7	25	25.2	25.4	25.7	25.8	25.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6	6.5	7	7.6	8.2	8.8	9.5
SIT (°F)	41	46	50	54	58	62	65	69	73

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	93,473	102,823	112,709	123,166	134,224	145,911	158,249	171,252	184,930
Evap (Lb/hr)	1279	1440	1618	1814	2032	2273	2541	2840	3173
Cond (Lb/hr)	2359	2582	2819	3071	3341	3630	3940	4273	4632
Power (Bhp)	27.1	27.6	28	28.4	28.7	29	29.2	29.4	29.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.2	4.5	4.9	5.2	5.6	6.1	6.5	7	7.5
SIT (°F)	46	50	54	58	62	66	70	74	78

70°F to 120°F SCT, -50°F to 0°F SST see page 1
 120°F to 130°F SCT, -50°F to 0°F SST see page 2
 70°F to 120°F SCT, 0°F to 40°F SST see page 3

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 39 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
70°F											
Capacity (Btu/hr)*	53,067	60,215	68,116	76,809	86,337	96,738	108,051	120,310	134,082	148,411	163,791
Evap (Lb/hr)	561	645	740	846	966	1099	1248	1413	1596	1799	2024
Cond (Lb/hr)	825	932	1049	1178	1318	1472	1639	1820	2025	2238	2467
Power (Bhp)	12.5	13.1	13.6	14.1	14.5	14.8	15.1	15.3	15.5	15.6	15.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6	6.6	7.2	7.9	8.7	9.5	10.5	11.5	12.7
SIT (°F)	-15.2	-11.1	-7	-3	1	5	9	13	16	20	24
80°F											
Capacity (Btu/hr)*	50,252	57,576	65,348	74,015	83,430	93,634	104,665	116,559	129,353	143,078	158,453
Evap (Lb/hr)	534	621	717	824	943	1076	1222	1385	1565	1764	1983
Cond (Lb/hr)	840	956	1079	1216	1364	1524	1698	1885	2086	2302	2547
Power (Bhp)	13.9	14.7	15.2	15.8	16.2	16.6	17	17.2	17.4	17.6	17.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.3	4.7	5.2	5.7	6.2	6.8	7.4	8.2	8.9	9.8	10.8
SIT (°F)	-12.8	-8.6	-4	0	4	8	12	16	20	24	27
90°F											
Capacity (Btu/hr)*	47,077	54,512	62,530	70,922	80,193	90,169	100,890	112,394	124,717	137,894	151,956
Evap (Lb/hr)	505	593	691	798	917	1047	1192	1352	1528	1722	1935
Cond (Lb/hr)	852	979	1116	1257	1414	1582	1762	1955	2163	2385	2622
Power (Bhp)	15.5	16.3	17.1	17.6	18.2	18.7	19.1	19.4	19.7	19.9	20.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4	4.4	4.9	5.3	5.8	6.4	7	7.6	8.3	9.1
SIT (°F)	-10.4	-6	-2	3	7	11	15	19	23	27	31
100°F											
Capacity (Btu/hr)*	43,703	51,069	59,078	67,629	76,479	86,198	96,581	107,668	119,498	132,105	145,525
Evap (Lb/hr)	472	562	659	766	884	1013	1155	1311	1482	1671	1879
Cond (Lb/hr)	865	1001	1149	1306	1467	1643	1831	2032	2246	2474	2718
Power (Bhp)	17.4	18.2	19	19.8	20.4	21	21.5	21.9	22.3	22.6	22.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3	3.4	3.7	4.1	4.5	5	5.4	5.9	6.5	7.1	7.7
SIT (°F)	-7.9	-3.4	1	5	10	14	18	22	26	30	34
110°F											
Capacity (Btu/hr)*	39,686	47,264	55,064	63,489	72,141	81,573	91,214	101,801	113,049	124,994	137,672
Evap (Lb/hr)	433	523	621	727	843	970	1109	1260	1427	1610	1811
Cond (Lb/hr)	869	1024	1181	1350	1521	1707	1895	2103	2323	2558	2807
Power (Bhp)	19.3	20.4	21.2	22.1	22.8	23.5	24	24.6	25.1	25.5	25.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.5	2.8	3.1	3.5	3.8	4.2	4.6	5	5.4	5.9	6.4
SIT (°F)	-5.4	-0.7	4	8	13	17	22	26	30	34	38
120°F											
Capacity (Btu/hr)*	35,149	42,608	50,340	58,382	67,029	75,832	85,404	95,104	105,746	117,009	128,930
Evap (Lb/hr)	386	477	574	679	793	916	1051	1198	1359	1535	1729
Cond (Lb/hr)	864	1034	1207	1384	1573	1763	1969	2176	2404	2646	2902
Power (Bhp)	21.6	22.7	23.7	24.6	25.5	26.3	27	27.6	28.2	28.7	29.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2	2.3	2.6	2.9	3.2	3.5	3.8	4.2	4.5	4.9	5.3
SIT (°F)	-2.7	2.2	7	12	16	21	25	30	34	38	42
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 6
70°F to 120°F SCT, 0°F to 40°F SST see page 7
120°F to 130°F SCT, 0°F to 40°F SST see page 8

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT
120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	35,149	42,608	50,340	58,382	67,029	75,832	85,404	95,104	105,746	117,009	128,930
Evap (Lb/hr)	386	477	574	679	793	916	1051	1198	1359	1535	1729
Cond (Lb/hr)	864	1034	1207	1384	1573	1763	1969	2176	2404	2646	2902
Power (Bhp)	21.6	22.7	23.7	24.6	25.5	26.3	27	27.6	28.2	28.7	29.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2	2.3	2.6	2.9	3.2	3.5	3.8	4.2	4.5	4.9	5.3
SIT (°F)	-2.7	2.2	7	12	16	21	25	30	34	38	42

130°F

Capacity (Btu/hr)*	29,684	37,121	44,752	52,613	60,740	69,457	78,261	87,428	97,442	108,001	118,541
Evap (Lb/hr)	330	420	516	619	730	850	980	1121	1276	1445	1630
Cond (Lb/hr)	835	1027	1220	1414	1612	1823	2032	2249	2487	2737	2985
Power (Bhp)	24.1	25.3	26.5	27.5	28.5	29.5	30.2	30.9	31.7	32.4	32.8
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.5	1.8	2	2.3	2.6	2.8	3.1	3.4	3.7	4	4.4
SIT (°F)	0.2	5.2	10	15	20	24	29	34	38	42	47
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 5
 70°F to 120°F SCT, 0°F to 40°F SST see page 7
 120°F to 130°F SCT, 0°F to 40°F SST see page 8

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 39 CFM @ 60 Hz

SCT

70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	163,791	180,248	198,701	217,498	238,589	259,843	283,736	307,538	334,380
Evap (Lb/hr)	2024	2271	2545	2846	3178	3543	3945	4388	4877
Cond (Lb/hr)	2467	2713	2992	3277	3600	3928	4302	4679	5111
Power (Bhp)	15.6	15.6	15.6	15.6	15.5	15.4	15.3	15.2	15.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.7	13.9	15.3	16.9	18.5	20.3	22.3	24.4	26.7
SIT (°F)	24	28	31	35	38	42	45	49	52

80°F

Capacity (Btu/hr)*	158,453	174,224	191,018	209,862	228,893	250,292	271,669	295,781	319,578
Evap (Lb/hr)	1983	2225	2491	2785	3109	3465	3857	4290	4767
Cond (Lb/hr)	2547	2797	3066	3370	3679	4031	4387	4793	5202
Power (Bhp)	17.8	17.8	17.8	17.9	17.8	17.8	17.7	17.7	17.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14.2	15.5	16.9	18.5	20.1	21.9
SIT (°F)	27	31	35	38	42	45	49	52	56

90°F

Capacity (Btu/hr)*	151,956	166,932	183,725	200,720	218,706	238,964	259,131	281,934	304,360
Evap (Lb/hr)	1935	2171	2430	2716	3031	3378	3760	4181	4647
Cond (Lb/hr)	2622	2876	3164	3457	3769	4125	4483	4895	5307
Power (Bhp)	20.1	20.2	20.4	20.4	20.4	20.5	20.5	20.5	20.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.1	10	10.9	11.8	12.9	14.1	15.3	16.6	18
SIT (°F)	31	35	38	42	46	49	53	56	60

100°F

Capacity (Btu/hr)*	145,525	159,788	174,922	190,952	207,897	227,019	245,995	265,930	288,602
Evap (Lb/hr)	1879	2107	2359	2636	2942	3279	3650	4060	4514
Cond (Lb/hr)	2718	2978	3256	3552	3868	4230	4593	4981	5429
Power (Bhp)	22.8	23.1	23.2	23.3	23.4	23.6	23.6	23.5	23.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.7	8.4	9.1	9.9	10.7	11.6	12.6	13.6	14.7
SIT (°F)	34	38	42	46	50	53	57	61	64

110°F

Capacity (Btu/hr)*	137,672	151,116	165,357	180,420	196,329	213,100	232,123	250,824	270,420
Evap (Lb/hr)	1811	2032	2275	2543	2839	3165	3525	3924	4365
Cond (Lb/hr)	2807	3073	3356	3657	3979	4322	4717	5112	5535
Power (Bhp)	25.8	26.1	26.4	26.6	26.7	26.9	27.1	27.2	27.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.4	7	7.6	8.2	8.9	9.6	10.3	11.1	12
SIT (°F)	38	42	46	50	54	58	61	65	69

120°F

Capacity (Btu/hr)*	128,930	140,824	154,065	168,049	183,853	199,529	216,023	233,343	251,490
Evap (Lb/hr)	1729	1942	2176	2434	2719	3034	3382	3768	4197
Cond (Lb/hr)	2902	3157	3444	3750	4101	4451	4826	5227	5657
Power (Bhp)	29.2	29.5	29.8	30.1	30.5	30.8	30.9	31.1	31.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.3	5.8	6.2	6.7	7.3	7.8	8.4	9.1	9.7
SIT (°F)	42	47	51	55	58	62	66	70	74
SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 5
120°F to 130°F SCT, -50°F to 0°F SST see page 6
120°F to 130°F SCT, 0°F to 40°F SST see page 8

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 39 CFM @ 60 Hz

SCT

120°F		SST (°F)								
		0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*		128,930	140,824	154,065	168,049	183,853	199,529	216,023	233,343	251,490
Evap (Lb/hr)		1729	1942	2176	2434	2719	3034	3382	3768	4197
Cond (Lb/hr)		2902	3157	3444	3750	4101	4451	4826	5227	5657
Power (Bhp)		29.2	29.5	29.8	30.1	30.5	30.8	30.9	31.1	31.2
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		5.3	5.8	6.2	6.7	7.3	7.8	8.4	9.1	9.7
SIT (°F)		42	47	51	55	58	62	66	70	74
<hr/>										
130°F		SST (°F)								
		0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*		118,541	130,224	142,556	155,569	169,291	183,746	198,954	214,926	231,666
Evap (Lb/hr)		1630	1833	2057	2305	2578	2880	3215	3588	4004
Cond (Lb/hr)		2985	3263	3559	3873	4208	4566	4949	5359	5798
Power (Bhp)		32.8	33.4	33.8	34.3	34.7	35	35.3	35.5	35.7
Current (Amps)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)		4.4	4.7	5.1	5.5	5.9	6.3	6.8	7.3	7.8
SIT (°F)		47	51	55	59	63	67	71	75	79
		0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 5
 120°F to 130°F SCT, -50°F to 0°F SST see page 6
 70°F to 120°F SCT, 0°F to 40°F SST see page 7

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 44 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	60,097	67,985	76,758	86,457	97,463	109,182	121,947	135,791	150,748	166,844	184,890
Evap (Lb/hr)	637	730	836	956	1090	1240	1408	1595	1802	2031	2284
Cond (Lb/hr)	933	1050	1181	1324	1488	1661	1850	2054	2276	2514	2784
Power (Bhp)	14	14.7	15.3	15.8	16.3	16.7	17	17.2	17.4	17.5	17.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.2	5.6	6.1	6.6	7.2	7.9	8.7	9.5	10.5	11.5	12.7
SIT (°F)	-14.3	-10.3	-6	-2	1	5	9	13	17	21	24
80°F											
Capacity (Btu/hr)*	57,143	65,226	74,106	83,824	94,423	105,940	118,415	131,882	146,376	161,927	178,560
Evap (Lb/hr)	609	705	813	933	1067	1217	1383	1567	1771	1996	2244
Cond (Lb/hr)	953	1082	1223	1376	1543	1724	1920	2132	2360	2605	2868
Power (Bhp)	15.7	16.5	17.2	17.8	18.3	18.7	19.1	19.4	19.6	19.8	20
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.8	5.2	5.7	6.2	6.8	7.5	8.2	9	9.9	10.8
SIT (°F)	-12	-7.9	-4	0	4	8	12	16	20	24	28
90°F											
Capacity (Btu/hr)*	54,034	62,064	70,975	80,634	91,083	102,363	114,514	127,572	141,572	156,547	172,525
Evap (Lb/hr)	580	678	787	907	1041	1189	1353	1534	1734	1954	2197
Cond (Lb/hr)	976	1113	1265	1429	1605	1795	1999	2219	2454	2706	2976
Power (Bhp)	17.6	18.4	19.2	19.9	20.5	21	21.5	21.9	22.2	22.5	22.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.7	4.1	4.5	4.9	5.4	5.9	6.4	7	7.7	8.4	9.2
SIT (°F)	-9.5	-5.3	-1	3	7	11	15	19	23	27	31
100°F											
Capacity (Btu/hr)*	50,433	58,754	67,457	77,020	87,285	97,912	109,646	122,197	135,600	149,890	165,095
Evap (Lb/hr)	547	646	755	876	1009	1155	1316	1494	1689	1904	2141
Cond (Lb/hr)	996	1151	1310	1486	1673	1864	2077	2304	2546	2805	3081
Power (Bhp)	19.6	20.6	21.4	22.2	23	23.5	24.1	24.6	25	25.4	25.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.1	3.4	3.8	4.2	4.6	5	5.5	6	6.5	7.1	7.8
SIT (°F)	-6.9	-2.6	2	6	10	15	19	23	27	31	35
110°F											
Capacity (Btu/hr)*	46,355	54,721	63,389	72,819	82,546	93,199	104,546	116,130	128,912	142,493	156,906
Evap (Lb/hr)	508	608	718	837	969	1113	1271	1444	1634	1844	2074
Cond (Lb/hr)	1012	1182	1357	1545	1737	1947	2170	2396	2646	2913	3196
Power (Bhp)	21.8	23	23.9	24.9	25.6	26.4	27.1	27.6	28.2	28.6	29
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.6	2.9	3.2	3.5	3.9	4.3	4.7	5.1	5.5	6	6.5
SIT (°F)	-4.2	0.4	5	9	14	18	22	27	31	35	39
120°F											
Capacity (Btu/hr)*	41,630	49,823	58,600	67,604	77,350	87,308	98,181	109,702	121,354	134,207	147,811
Evap (Lb/hr)	461	561	671	789	918	1059	1213	1382	1567	1769	1992
Cond (Lb/hr)	1019	1204	1400	1598	1811	2025	2260	2507	2755	3030	3323
Power (Bhp)	24.4	25.6	26.8	27.8	28.8	29.6	30.4	31.2	31.7	32.3	32.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.1	2.4	2.6	2.9	3.2	3.6	3.9	4.2	4.6	5	5.4
SIT (°F)	-1.1	3.5	8	13	17	22	26	30	35	39	43
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 10
70°F to 120°F SCT, 0°F to 40°F SST see page 11
120°F to 130°F SCT, 0°F to 40°F SST see page 12

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

120°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			41,630	49,823	58,600	67,604	77,350	87,308	98,181	109,702	121,354	134,207	147,811
Evap (Lb/hr)			461	561	671	789	918	1059	1213	1382	1567	1769	1992
Cond (Lb/hr)			1019	1204	1400	1598	1811	2025	2260	2507	2755	3030	3323
Power (Bhp)			24.4	25.6	26.8	27.8	28.8	29.6	30.4	31.2	31.7	32.3	32.9
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.1	2.4	2.6	2.9	3.2	3.6	3.9	4.2	4.6	5	5.4
SIT (°F)			-1.1	3.5	8	13	17	22	26	30	35	39	43

130°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			36,079	44,256	52,714	61,732	70,903	80,459	90,828	101,297	112,765	124,871	136,944
Evap (Lb/hr)			403	504	612	729	856	993	1142	1305	1483	1678	1892
Cond (Lb/hr)			1008	1218	1430	1653	1875	2104	2352	2599	2871	3158	3442
Power (Bhp)			27.3	28.6	29.9	31.2	32.2	33.2	34.2	34.9	35.8	36.5	37
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			1.6	1.9	2.1	2.4	2.7	2.9	3.2	3.5	3.8	4.1	4.5
SIT (°F)			2.2	7	12	16	21	26	30	35	39	43	48

70°F to 120°F SCT, -50°F to 0°F SST see page 9
 70°F to 120°F SCT, 0°F to 40°F SST see page 11
 120°F to 130°F SCT, 0°F to 40°F SST see page 12

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT

70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	184,890	203,445	223,214	245,352	267,719	292,783	317,793	345,866	375,569
Evap (Lb/hr)	2284	2564	2872	3210	3583	3992	4442	4935	5477
Cond (Lb/hr)	2784	3062	3359	3696	4038	4426	4817	5262	5741
Power (Bhp)	17.6	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.7	13.9	15.3	16.8	18.5	20.3	22.2	24.3	26.5
SIT (°F)	23	27	31	34	38	42	46	49	52

80°F

Capacity (Btu/hr)*	178,560	197,185	216,166	236,294	258,858	281,450	306,825	331,898	360,143
Evap (Lb/hr)	2244	2518	2819	3151	3516	3916	4356	4840	5372
Cond (Lb/hr)	2868	3165	3469	3793	4160	4531	4954	5377	5862
Power (Bhp)	20	20.1	20.1	20.1	20.2	20.1	20.1	19.9	19.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14.2	15.5	16.9	18.4	20.1	21.9
SIT (°F)	28	31	35	39	42	46	49	53	56

90°F

Capacity (Btu/hr)*	172,525	189,531	207,584	226,696	248,148	269,552	293,643	317,360	344,150
Evap (Lb/hr)	2197	2465	2759	3083	3439	3830	4260	4734	5254
Cond (Lb/hr)	2976	3265	3573	3902	4275	4651	5080	5509	6001
Power (Bhp)	22.7	22.8	22.9	23	23.1	23.1	23.2	23.1	23.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.2	10	10.9	11.9	12.9	14.1	15.3	16.6	18
SIT (°F)	31	35	39	43	46	50	53	57	60

100°F

Capacity (Btu/hr)*	165,095	181,241	198,350	217,550	236,765	256,979	279,783	302,155	327,502
Evap (Lb/hr)	2141	2402	2688	3004	3350	3732	4151	4613	5122
Cond (Lb/hr)	3081	3375	3689	4046	4404	4786	5223	5659	6160
Power (Bhp)	25.7	25.9	26.1	26.4	26.5	26.5	26.7	26.6	26.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.4	9.2	10	10.8	11.7	12.7	13.7	14.8
SIT (°F)	35	39	43	46	50	54	57	61	64

110°F

Capacity (Btu/hr)*	156,906	172,178	188,332	205,383	223,343	243,610	263,557	284,401	308,107
Evap (Lb/hr)	2074	2327	2605	2911	3247	3618	4027	4477	4974
Cond (Lb/hr)	3196	3498	3818	4160	4523	4939	5354	5795	6305
Power (Bhp)	29	29.4	29.7	29.9	30.1	30.4	30.5	30.5	30.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.5	7.1	7.7	8.3	9	9.7	10.4	11.2	12.1
SIT (°F)	39	43	47	51	55	58	62	66	69

120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	147,811	162,195	177,384	193,398	210,250	227,943	246,471	267,559	287,910
Evap (Lb/hr)	1992	2236	2505	2801	3127	3486	3883	4321	4805
Cond (Lb/hr)	3323	3633	3962	4313	4686	5082	5504	5992	6474
Power (Bhp)	32.9	33.3	33.8	34.1	34.4	34.6	34.8	35.2	35.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.4	5.9	6.3	6.8	7.4	7.9	8.5	9.2	9.8
SIT (°F)	43	47	51	55	59	63	67	70	74

70°F to 120°F SCT, -30°F to 0°F SST see page 9
 120°F to 130°F SCT, -50°F to 0°F SST see page 10
 120°F to 130°F SCT, 0°F to 40°F SST see page 12

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 44 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	147,811	162,195	177,384	193,398	210,250	227,943	246,471	267,559	287,910
Evap (Lb/hr)	1992	2236	2505	2801	3127	3486	3883	4321	4805
Cond (Lb/hr)	3323	3633	3962	4313	4686	5082	5504	5992	6474
Power (Bhp)	32.9	33.3	33.8	34.1	34.4	34.6	34.8	35.2	35.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.4	5.9	6.3	6.8	7.4	7.9	8.5	9.2	9.8
SIT (°F)	43	47	51	55	59	63	67	70	74

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	136,944	150,329	164,435	179,284	194,892	211,266	228,401	246,283	266,797
Evap (Lb/hr)	1892	2128	2386	2671	2985	3332	3716	4140	4611
Cond (Lb/hr)	3442	3761	4099	4458	4840	5246	5678	6138	6676
Power (Bhp)	37	37.6	38.2	38.7	39.1	39.5	39.8	40	40.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.5	4.8	5.2	5.6	6	6.5	6.9	7.4	8
SIT (°F)	48	52	56	60	64	68	72	76	79

70°F to 120°F SCT, -50°F to 0°F SST see page 9
 120°F to 130°F SCT, -50°F to 0°F SST see page 10
 70°F to 120°F SCT, 0°F to 40°F SST see page 11

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
1750 rpm
Displacement 48 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
70°F	Capacity (Btu/hr)*	65,709	74,232	83,739	94,271	105,862	118,549	132,365	147,911	164,156	181,622	200,332
	Evap (Lb/hr)	696	798	912	1042	1188	1352	1534	1737	1962	2211	2485
	Cond (Lb/hr)	1020	1147	1287	1443	1615	1802	2006	2237	2477	2737	3015
	Power (Bhp)	15.3	16	16.6	17.2	17.7	18.1	18.4	18.7	18.9	19	19.1
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	5.2	5.6	6.1	6.6	7.2	7.9	8.7	9.5	10.5	11.5	12.7
	SIT (°F)	-13.9	-9.9	-6	-2	2	6	10	13	17	21	25
80°F	Capacity (Btu/hr)*	62,483	71,187	80,778	91,296	102,779	115,262	128,782	143,368	159,051	176,603	194,658
	Evap (Lb/hr)	669	772	889	1020	1166	1329	1510	1710	1932	2177	2447
	Cond (Lb/hr)	1041	1179	1331	1497	1678	1874	2086	2316	2562	2840	3126
	Power (Bhp)	17.1	17.9	18.6	19.3	19.8	20.3	20.7	21	21.3	21.6	21.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	4.4	4.8	5.2	5.7	6.3	6.8	7.5	8.2	9	9.9	10.8
	SIT (°F)	-11.3	-7.1	-3	1	5	9	13	17	21	24	28
90°F	Capacity (Btu/hr)*	59,293	67,937	77,565	88,025	99,355	111,594	124,777	138,936	154,105	170,310	187,576
	Evap (Lb/hr)	639	745	863	994	1140	1301	1480	1678	1895	2135	2400
	Cond (Lb/hr)	1070	1217	1380	1557	1748	1954	2176	2414	2669	2942	3234
	Power (Bhp)	19.1	20	20.8	21.6	22.2	22.8	23.3	23.7	24.1	24.4	24.6
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.7	4.1	4.5	4.9	5.4	5.9	6.5	7.1	7.7	8.4	9.2
	SIT (°F)	-8.7	-4.4	0	4	8	12	16	20	24	28	32
100°F	Capacity (Btu/hr)*	55,586	64,547	73,947	84,306	95,444	107,399	120,209	133,908	148,530	164,106	180,663
	Evap (Lb/hr)	605	712	831	962	1107	1267	1443	1637	1850	2085	2343
	Cond (Lb/hr)	1095	1262	1434	1623	1826	2043	2275	2523	2787	3070	3370
	Power (Bhp)	21.3	22.4	23.2	24.1	24.9	25.6	26.2	26.8	27.2	27.6	28
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.2	3.5	3.8	4.2	4.6	5.1	5.5	6	6.6	7.2	7.8
	SIT (°F)	-6	-1.6	3	7	11	15	19	23	27	31	35
110°F	Capacity (Btu/hr)*	51,400	60,406	69,767	79,986	90,894	102,118	114,456	127,592	141,559	156,391	172,118
	Evap (Lb/hr)	565	673	793	923	1067	1224	1397	1586	1795	2023	2275
	Cond (Lb/hr)	1119	1302	1490	1694	1910	2130	2373	2630	2904	3195	3505
	Power (Bhp)	23.7	25	26	27	27.9	28.7	29.4	30.1	30.7	31.2	31.6
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.6	2.9	3.2	3.6	3.9	4.3	4.7	5.1	5.6	6	6.6
	SIT (°F)	-3.2	1.3	6	10	14	19	23	27	31	35	39
120°F	Capacity (Btu/hr)*	46,573	55,581	64,865	74,618	85,207	96,431	107,870	120,416	133,706	147,777	162,659
	Evap (Lb/hr)	517	626	745	875	1016	1170	1339	1524	1726	1948	2192
	Cond (Lb/hr)	1136	1340	1546	1760	1991	2234	2479	2748	3033	3335	3655
	Power (Bhp)	26.6	27.9	29.1	30.2	31.3	32.3	33	33.8	34.6	35.2	35.8
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.1	2.4	2.7	3	3.3	3.6	3.9	4.3	4.7	5.1	5.5
	SIT (°F)	-0.2	4.4	9	14	18	22	27	31	35	39	43
	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 14
70°F to 120°F SCT, 0°F to 40°F SST see page 15
120°F to 130°F SCT, 0°F to 40°F SST see page 16

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT

120°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			46,573	55,581	64,865	74,618	85,207	96,431	107,870	120,416	133,706	147,777	162,659
Evap (Lb/hr)			517	626	745	875	1016	1170	1339	1524	1726	1948	2192
Cond (Lb/hr)			1136	1340	1546	1760	1991	2234	2479	2748	3033	3335	3655
Power (Bhp)			26.6	27.9	29.1	30.2	31.3	32.3	33	33.8	34.6	35.2	35.8
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.1	2.4	2.7	3	3.3	3.6	3.9	4.3	4.7	5.1	5.5
SIT (°F)			-0.2	4.4	9	14	18	22	27	31	35	39	43

130°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			40,932	49,717	58,847	68,626	78,590	89,373	100,301	112,233	124,232	137,438	151,368
Evap (Lb/hr)			459	568	686	814	952	1103	1267	1446	1642	1856	2092
Cond (Lb/hr)			1140	1364	1592	1833	2074	2334	2593	2877	3159	3472	3803
Power (Bhp)			29.7	31.2	32.5	33.9	35	36.2	37.1	38.1	38.8	39.6	40.4
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			1.7	1.9	2.2	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5
SIT (°F)			3	7.8	13	17	22	26	31	35	40	44	48

70°F to 120°F SCT, -50°F to 0°F SST see page 13
 70°F to 120°F SCT, 0°F to 40°F SST see page 15
 120°F to 130°F SCT, 0°F to 40°F SST see page 16

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
1750 rpm
Displacement 48 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	200,332	221,272	242,647	266,561	290,692	317,718	344,660	374,906	406,914
Evap (Lb/hr)	2485	2788	3122	3488	3890	4332	4817	5350	5934
Cond (Lb/hr)	3015	3330	3651	4015	4384	4803	5224	5704	6220
Power (Bhp)	19.1	19.2	19.2	19.2	19.1	19	18.9	18.8	18.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.7	13.9	15.3	16.8	18.4	20.1	22.1	24.1	26.3
SIT (°F)	25	28	32	35	39	42	46	49	52

80°F

Capacity (Btu/hr)*	194,658	213,890	235,407	257,175	281,560	305,944	333,328	360,368	390,848
Evap (Lb/hr)	2447	2744	3070	3429	3824	4257	4733	5255	5830
Cond (Lb/hr)	3126	3432	3777	4128	4525	4926	5382	5839	6362
Power (Bhp)	21.7	21.8	22	21.9	22	21.9	21.9	21.7	21.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14.1	15.4	16.8	18.4	20	21.8
SIT (°F)	28	32	35	39	42	46	49	53	56

90°F

Capacity (Btu/hr)*	187,576	206,885	226,462	247,162	270,383	293,521	319,561	345,183	374,147
Evap (Lb/hr)	2400	2690	3010	3361	3747	4171	4637	5149	5712
Cond (Lb/hr)	3234	3563	3897	4254	4658	5064	5528	5992	6524
Power (Bhp)	24.6	24.9	25	25.1	25.2	25.2	25.2	25.1	25.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.2	10	10.9	11.9	12.9	14.1	15.3	16.6	18
SIT (°F)	32	35	39	43	46	50	53	57	60

100°F

Capacity (Btu/hr)*	180,663	198,225	216,811	236,436	258,484	280,381	305,084	329,309	356,782
Evap (Lb/hr)	2343	2627	2939	3281	3658	4072	4527	5028	5580
Cond (Lb/hr)	3370	3691	4032	4395	4808	5222	5695	6167	6711
Power (Bhp)	28	28.2	28.4	28.6	28.8	28.9	29	29	29.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.5	9.2	10	10.8	11.7	12.7	13.7	14.8
SIT (°F)	35	39	43	47	50	54	57	61	64

110°F

Capacity (Btu/hr)*	172,118	188,764	206,353	224,901	244,421	266,446	288,109	312,691	336,538
Evap (Lb/hr)	2275	2551	2854	3187	3554	3957	4402	4892	5433
Cond (Lb/hr)	3505	3834	4183	4555	4950	5402	5853	6372	6887
Power (Bhp)	31.6	32	32.3	32.6	32.8	33.1	33.2	33.5	33.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.6	7.1	7.7	8.3	9	9.7	10.5	11.3	12.1
SIT (°F)	39	43	47	51	55	58	62	65	69

120°F

Capacity (Btu/hr)*	162,659	178,382	194,972	212,449	230,830	250,123	270,330	293,353	315,596
Evap (Lb/hr)	2192	2459	2754	3077	3433	3826	4259	4737	5267
Cond (Lb/hr)	3655	3994	4355	4737	5144	5576	6037	6569	7097
Power (Bhp)	35.8	36.3	36.8	37.2	37.5	37.7	37.9	38.3	38.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.5	5.9	6.4	6.9	7.4	8	8.6	9.2	9.9
SIT (°F)	43	47	51	55	59	63	67	70	74
SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 13
120°F to 130°F SCT, -50°F to 0°F SST see page 14
120°F to 130°F SCT, 0°F to 40°F SST see page 16

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
 1750 rpm
 Displacement 48 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	151,368	166,055	181,526	197,806	214,915	232,866	251,664	271,308	293,896
Evap (Lb/hr)	2092	2350	2634	2947	3292	3673	4094	4561	5079
Cond (Lb/hr)	3803	4153	4524	4918	5336	5781	6255	6761	7352
Power (Bhp)	40.4	41	41.6	42.2	42.6	43	43.4	43.6	44.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.5	4.9	5.3	5.7	6.1	6.5	7	7.5	8
SIT (°F)	48	52	56	60	64	68	72	76	79

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	151,368	166,055	181,526	197,806	214,915	232,866	251,664	271,308	293,896
Evap (Lb/hr)	2092	2350	2634	2947	3292	3673	4094	4561	5079
Cond (Lb/hr)	3803	4153	4524	4918	5336	5781	6255	6761	7352
Power (Bhp)	40.4	41	41.6	42.2	42.6	43	43.4	43.6	44.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.5	4.9	5.3	5.7	6.1	6.5	7	7.5	8
SIT (°F)	48	52	56	60	64	68	72	76	79

70°F to 120°F SCT, -50°F to 0°F SST see page 13
 120°F to 130°F SCT, -50°F to 0°F SST see page 14
 70°F to 120°F SCT, 0°F to 40°F SST see page 15

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT
 70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
70°F	Capacity (Btu/hr)*	75,254	84,851	95,591	107,511	120,646	135,527	151,265	168,321	186,719	207,336	228,597
	Evap (Lb/hr)	800	915	1045	1193	1359	1545	1753	1984	2241	2524	2836
	Cond (Lb/hr)	1166	1309	1468	1644	1838	2059	2292	2544	2816	3124	3440
	Power (Bhp)	17.5	18.3	19	19.6	20.1	20.6	21	21.3	21.5	21.8	21.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	5.2	5.6	6.1	6.6	7.2	7.9	8.7	9.5	10.5	11.5	12.6
	SIT (°F)	-12.9	-9	-5	-1	3	6	10	14	18	21	25
80°F	Capacity (Btu/hr)*	71,803	81,604	92,443	104,357	117,384	132,052	147,483	164,134	182,033	201,205	222,642
	Evap (Lb/hr)	771	888	1021	1170	1337	1523	1729	1958	2211	2490	2798
	Cond (Lb/hr)	1194	1350	1521	1709	1914	2146	2388	2650	2932	3234	3575
	Power (Bhp)	19.5	20.4	21.2	21.9	22.5	23.2	23.7	24	24.4	24.6	24.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	4.4	4.8	5.3	5.7	6.3	6.9	7.5	8.2	9	9.9	10.8
	SIT (°F)	-10.3	-6.3	-2	2	6	9	13	17	21	25	28
90°F	Capacity (Btu/hr)*	68,480	78,476	89,097	100,956	113,826	127,744	142,744	159,510	176,864	195,401	215,143
	Evap (Lb/hr)	740	860	994	1144	1311	1495	1700	1926	2175	2450	2752
	Cond (Lb/hr)	1233	1404	1583	1784	2001	2235	2487	2770	3062	3374	3708
	Power (Bhp)	21.8	22.9	23.7	24.5	25.3	25.9	26.5	27.1	27.5	27.9	28.2
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.8	4.1	4.5	5	5.4	5.9	6.5	7.1	7.7	8.4	9.2
	SIT (°F)	-7.6	-3.5	1	5	9	13	17	20	24	28	32
100°F	Capacity (Btu/hr)*	64,646	74,750	85,381	97,141	109,811	123,430	138,034	153,659	170,337	188,096	206,964
	Evap (Lb/hr)	705	828	963	1113	1279	1462	1664	1886	2131	2401	2697
	Cond (Lb/hr)	1271	1458	1652	1867	2098	2345	2609	2892	3194	3515	3858
	Power (Bhp)	24.4	25.6	26.5	27.5	28.4	29.1	29.9	30.5	31	31.5	31.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.2	3.5	3.9	4.3	4.7	5.1	5.6	6.1	6.6	7.2	7.8
	SIT (°F)	-4.8	-0.5	4	8	12	16	20	24	28	32	36
110°F	Capacity (Btu/hr)*	60,346	70,265	81,117	92,738	105,171	117,976	132,076	147,095	163,067	180,023	197,993
	Evap (Lb/hr)	665	789	925	1075	1239	1420	1618	1837	2077	2340	2629
	Cond (Lb/hr)	1309	1509	1728	1959	2206	2457	2734	3028	3341	3674	4028
	Power (Bhp)	27.3	28.5	29.7	30.9	31.9	32.7	33.5	34.3	35	35.6	36.1
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.7	3	3.3	3.6	4	4.4	4.8	5.2	5.6	6.1	6.6
	SIT (°F)	-1.6	2.7	7	11	15	20	24	28	32	36	40
120°F	Capacity (Btu/hr)*	55,191	65,342	75,833	87,227	99,330	111,714	125,281	139,669	154,915	171,050	188,108
	Evap (Lb/hr)	617	742	878	1026	1189	1367	1562	1775	2009	2266	2547
	Cond (Lb/hr)	1338	1567	1799	2050	2314	2580	2872	3181	3508	3855	4221
	Power (Bhp)	30.6	32.1	33.3	34.6	35.8	36.7	37.7	38.6	39.5	40.2	40.9
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.2	2.5	2.7	3	3.3	3.7	4	4.4	4.7	5.1	5.6
	SIT (°F)	2	6.4	11	15	19	24	28	32	36	40	44
	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 18
 70°F to 120°F SCT, 0°F to 40°F SST see page 19
 120°F to 130°F SCT, 0°F to 40°F SST see page 20

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT

120°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			55,191	65,342	75,833	87,227	99,330	111,714	125,281	139,669	154,915	171,050	188,108
Evap (Lb/hr)			617	742	878	1026	1189	1367	1562	1775	2009	2266	2547
Cond (Lb/hr)			1338	1567	1799	2050	2314	2580	2872	3181	3508	3855	4221
Power (Bhp)			30.6	32.1	33.3	34.6	35.8	36.7	37.7	38.6	39.5	40.2	40.9
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			2.2	2.5	2.7	3	3.3	3.7	4	4.4	4.7	5.1	5.6
SIT (°F)			2	6.4	11	15	19	24	28	32	36	40	44

130°F		SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*			49,202	59,077	69,649	80,785	92,144	104,471	117,484	130,615	145,027	160,229	176,255
Evap (Lb/hr)			558	683	819	966	1126	1300	1490	1698	1926	2175	2448
Cond (Lb/hr)			1357	1606	1870	2144	2419	2716	3027	3337	3679	4039	4420
Power (Bhp)			34.4	35.9	37.5	38.9	40.1	41.4	42.6	43.5	44.4	45.4	46.2
Current (Amps)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)			1.7	2	2.2	2.5	2.8	3	3.3	3.6	3.9	4.3	4.6
SIT (°F)			6	10.5	15	19	24	28	32	37	41	45	49

70°F to 120°F SCT, -50°F to 0°F SST see page 17
 70°F to 120°F SCT, 0°F to 40°F SST see page 19
 120°F to 130°F SCT, 0°F to 40°F SST see page 20

*Compressor capacity shown. Evaporator capacity shown. See Carlyle Selection Program Software Guide to note differences

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
1750 rpm
Displacement 54 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	228,597	252,369	276,594	303,665	330,921	361,401	391,702	425,660	461,498
Evap (Lb/hr)	2836	3180	3558	3973	4429	4928	5475	6074	6730
Cond (Lb/hr)	3440	3797	4162	4574	4991	5463	5937	6476	7054
Power (Bhp)	21.9	22	22	22.1	22	21.9	21.7	21.6	21.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.6	13.8	15.1	16.6	18.2	19.9	21.8	23.8	26
SIT (°F)	25	28	32	35	39	42	46	49	52

80°F

Capacity (Btu/hr)*	222,642	244,547	267,782	293,770	319,855	349,078	378,041	410,582	444,934
Evap (Lb/hr)	2798	3137	3509	3917	4366	4857	5396	5988	6636
Cond (Lb/hr)	3575	3923	4294	4715	5139	5620	6102	6652	7242
Power (Bhp)	24.9	25	25.1	25.2	25.2	25.2	25	25	24.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.8	11.8	12.9	14.1	15.3	16.7	18.2	19.8	21.6
SIT (°F)	28	32	36	39	43	46	50	53	56

90°F

Capacity (Btu/hr)*	215,143	236,109	259,560	283,171	308,043	335,963	363,549	394,631	427,451
Evap (Lb/hr)	2752	3085	3450	3851	4291	4774	5304	5886	6526
Cond (Lb/hr)	3708	4064	4466	4872	5305	5796	6287	6849	7452
Power (Bhp)	28.2	28.4	28.7	28.8	28.8	28.9	28.9	28.9	28.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.2	10	10.9	11.9	12.9	14	15.2	16.5	17.8
SIT (°F)	32	36	39	43	47	50	54	57	60

100°F

Capacity (Btu/hr)*	206,964	226,960	249,341	271,800	295,434	322,024	348,213	377,812	406,555
Evap (Lb/hr)	2697	3022	3379	3772	4203	4676	5197	5769	6398
Cond (Lb/hr)	3858	4223	4636	5051	5493	5996	6498	7074	7646
Power (Bhp)	31.9	32.2	32.6	32.8	32.9	33.2	33.2	33.3	33.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.5	9.2	10	10.8	11.7	12.7	13.7	14.7
SIT (°F)	36	40	43	47	51	54	58	61	65

110°F

Capacity (Btu/hr)*	197,993	216,999	238,288	259,581	281,969	305,451	332,008	357,891	387,344
Evap (Lb/hr)	2629	2947	3296	3679	4100	4563	5072	5634	6253
Cond (Lb/hr)	4028	4403	4829	5255	5709	6190	6742	7290	7924
Power (Bhp)	36.1	36.5	37.1	37.4	37.6	37.8	38.2	38.2	38.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.6	7.2	7.8	8.4	9	9.7	10.5	11.3	12.1
SIT (°F)	40	44	47	51	55	59	62	66	69

120°F

Capacity (Btu/hr)*	188,108	206,114	225,092	245,060	266,027	287,999	312,935	337,134	364,799
Evap (Lb/hr)	2547	2856	3196	3569	3980	4432	4930	5480	6088
Cond (Lb/hr)	4221	4610	5022	5460	5924	6417	6985	7547	8201
Power (Bhp)	40.9	41.5	42	42.4	42.8	43.1	43.6	43.8	44.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.5	7	7.5	8.1	8.7	9.3	10
SIT (°F)	44	48	52	56	60	64	67	71	74
SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 17
120°F to 130°F SCT, -50°F to 0°F SST see page 18
120°F to 130°F SCT, 0°F to 40°F SST see page 20

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
 1750 rpm
 Displacement 54 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	188,108	206,114	225,092	245,060	266,027	287,999	312,935	337,134	364,799
Evap (Lb/hr)	2547	2856	3196	3569	3980	4432	4930	5480	6088
Cond (Lb/hr)	4221	4610	5022	5460	5924	6417	6985	7547	8201
Power (Bhp)	40.9	41.5	42	42.4	42.8	43.1	43.6	43.8	44.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.5	7	7.5	8.1	8.7	9.3	10
SIT (°F)	44	48	52	56	60	64	67	71	74

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	176,255	193,133	210,891	229,547	249,118	269,610	291,021	315,523	339,000
Evap (Lb/hr)	2448	2748	3078	3440	3839	4280	4766	5304	5901
Cond (Lb/hr)	4420	4822	5249	5700	6180	6689	7229	7859	8479
Power (Bhp)	46.2	46.9	47.6	48.2	48.7	49.2	49.5	50.2	50.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.6	5	5.3	5.7	6.2	6.6	7.1	7.6	8.1
SIT (°F)	49	53	57	61	65	69	73	76	80

70°F to 120°F SCT, -50°F to 0°F SST see page 17
 120°F to 130°F SCT, -50°F to 0°F SST see page 18
 70°F to 120°F SCT, 0°F to 40°F SST see page 19

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
3500 rpm
Displacement 65 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
70°F											
Capacity (Btu/hr)*	92,330	103,858	116,778	131,131	147,482	164,893	183,853	204,393	227,454	251,353	276,903
Evap (Lb/hr)	985	1123	1281	1460	1661	1887	2139	2419	2729	3072	3450
Cond (Lb/hr)	1429	1600	1791	2003	2246	2503	2783	3086	3429	3784	4164
Power (Bhp)	21.7	22.6	23.3	24	24.7	25.2	25.7	26.1	26.5	26.7	26.9
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6	6.6	7.2	7.9	8.6	9.5	10.4	11.3	12.4
SIT (°F)	-11.6	-7.8	-4	0	3	7	11	15	18	22	26
80°F											
Capacity (Btu/hr)*	88,370	100,149	113,196	127,554	143,787	160,964	179,575	199,654	221,228	245,366	270,140
Evap (Lb/hr)	952	1094	1254	1435	1637	1863	2113	2391	2698	3037	3410
Cond (Lb/hr)	1467	1654	1860	2086	2343	2613	2905	3221	3560	3942	4334
Power (Bhp)	24.1	25.1	25.9	26.7	27.6	28.2	28.8	29.3	29.7	30.2	30.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.4	4.8	5.3	5.8	6.3	6.9	7.5	8.2	9	9.8	10.7
SIT (°F)	-8.9	-5.1	-1	3	6	10	14	18	22	25	29
90°F											
Capacity (Btu/hr)*	84,453	96,432	109,556	123,869	139,413	156,833	175,050	194,622	215,580	237,954	262,950
Evap (Lb/hr)	919	1064	1227	1409	1611	1836	2085	2360	2663	2997	3364
Cond (Lb/hr)	1516	1720	1943	2185	2447	2742	3048	3377	3729	4106	4530
Power (Bhp)	26.8	27.9	28.9	29.9	30.7	31.6	32.4	33	33.5	34	34.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.8	4.2	4.6	5	5.5	6	6.5	7.1	7.8	8.4	9.2
SIT (°F)	-6	-2.1	2	6	10	13	17	21	25	29	32
100°F											
Capacity (Btu/hr)*	80,332	92,465	105,622	119,849	135,189	151,685	169,377	188,302	208,495	231,027	253,985
Evap (Lb/hr)	883	1031	1196	1378	1580	1804	2050	2321	2620	2949	3309
Cond (Lb/hr)	1572	1797	2039	2299	2578	2877	3197	3540	3905	4315	4732
Power (Bhp)	30	31.3	32.4	33.5	34.5	35.5	36.3	37.1	37.8	38.5	39.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	3.2	3.6	3.9	4.3	4.7	5.2	5.6	6.1	6.7	7.2	7.8
SIT (°F)	-2.7	1.2	5	9	13	17	21	25	29	32	36
110°F											
Capacity (Btu/hr)*	75,491	87,688	100,782	114,821	129,849	145,911	163,048	181,300	200,703	221,290	244,266
Evap (Lb/hr)	841	992	1158	1341	1542	1763	2006	2274	2567	2890	3244
Cond (Lb/hr)	1627	1874	2137	2417	2715	3032	3368	3726	4107	4511	4966
Power (Bhp)	33.7	35.1	36.4	37.6	38.8	39.9	40.9	41.8	42.6	43.4	44.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.7	3	3.3	3.7	4	4.4	4.8	5.2	5.7	6.2	6.7
SIT (°F)	1.1	5	9	13	17	21	25	29	33	37	40
120°F											
Capacity (Btu/hr)*	69,959	82,183	95,181	109,001	123,690	139,292	155,852	173,411	192,008	211,679	232,454
Evap (Lb/hr)	790	943	1110	1293	1493	1711	1951	2214	2502	2817	3164
Cond (Lb/hr)	1681	1956	2244	2548	2868	3206	3563	3940	4340	4762	5209
Power (Bhp)	37.9	39.5	41	42.4	43.8	45	46.2	47.3	48.3	49.2	50
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.7	4.1	4.4	4.8	5.2	5.6
SIT (°F)	5.4	9.4	13	17	21	25	29	33	37	41	45
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 22
70°F to 120°F SCT, 0°F to 40°F SST see page 23
120°F to 130°F SCT, 0°F to 40°F SST see page 24

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
Capacity (Btu/hr)*	69,959	82,183	95,181	109,001	123,690	139,292	155,852	173,411	192,008	211,679	232,454	
Evap (Lb/hr)	790	943	1110	1293	1493	1711	1951	2214	2502	2817	3164	
Cond (Lb/hr)	1681	1956	2244	2548	2868	3206	3563	3940	4340	4762	5209	
Power (Bhp)	37.9	39.5	41	42.4	43.8	45	46.2	47.3	48.3	49.2	50	
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.7	4.1	4.4	4.8	5.2	5.6	
SIT (°F)	5.4	9.4	13	17	21	25	29	33	37	41	45	
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130°F	Capacity (Btu/hr)*	63,232	75,400	88,215	101,725	115,978	131,020	146,896	163,649	181,319	199,944	219,557
	Evap (Lb/hr)	728	882	1049	1231	1429	1645	1880	2138	2420	2728	3066
	Cond (Lb/hr)	1719	2027	2346	2678	3024	3387	3766	4165	4585	5028	5494
	Power (Bhp)	42.8	44.6	46.3	47.9	49.4	50.8	52.2	53.4	54.6	55.7	56.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	1.8	2	2.3	2.6	2.8	3.1	3.4	3.7	4	4.3	4.7
	SIT (°F)	10.4	14.3	18	22	26	30	34	38	42	46	50
	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 21
 70°F to 120°F SCT, 0°F to 40°F SST see page 23
 120°F to 130°F SCT, 0°F to 40°F SST see page 24

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
3500 rpm
Displacement 65 CFM @ 60 Hz

SCT
70°F

SST (°F)	0	5	10	15	20	25	30	35	40	
70°F	Capacity (Btu/hr)*	276,903	305,461	334,504	366,932	399,487	435,846	474,298	514,849	554,408
	Evap (Lb/hr)	3450	3866	4323	4824	5372	5973	6629	7347	8130
	Cond (Lb/hr)	4164	4593	5030	5524	6022	6585	7188	7833	8473
	Power (Bhp)	26.9	27.1	27.1	27.2	27.1	27.1	26.9	26.7	26.3
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	12.4	13.6	14.9	16.3	17.8	19.4	21.2	23.2	25.4
	SIT (°F)	26	29	33	36	40	43	46	49	53
80°F	Capacity (Btu/hr)*	270,140	296,477	325,907	355,564	388,726	421,710	458,652	497,619	535,527
	Evap (Lb/hr)	3410	3820	4271	4764	5306	5898	6547	7257	8034
	Cond (Lb/hr)	4334	4753	5225	5703	6244	6786	7402	8061	8715
	Power (Bhp)	30.5	30.7	31	31	31.1	31	31	30.9	30.6
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	10.7	11.7	12.7	13.8	15.1	16.4	17.8	19.4	21.1
	SIT (°F)	29	33	36	40	43	47	50	53	57
90°F	Capacity (Btu/hr)*	262,950	288,372	315,269	345,363	375,416	406,924	442,306	479,639	515,846
	Evap (Lb/hr)	3364	3768	4211	4697	5229	5813	6453	7154	7923
	Cond (Lb/hr)	4530	4962	5421	5941	6463	7017	7648	8324	8992
	Power (Bhp)	34.6	34.9	35.1	35.5	35.6	35.6	35.7	35.7	35.5
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	9.2	10	10.8	11.7	12.7	13.8	15	16.2	17.5
	SIT (°F)	32	36	40	43	47	51	54	57	61
100°F	Capacity (Btu/hr)*	253,985	278,300	303,985	331,042	361,403	391,412	425,206	458,124	495,362
	Evap (Lb/hr)	3309	3706	4141	4618	5141	5716	6346	7037	7796
	Cond (Lb/hr)	4732	5176	5648	6148	6717	7285	7934	8576	9315
	Power (Bhp)	39.1	39.5	39.9	40.2	40.6	40.7	41	40.9	41
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	7.8	8.5	9.2	9.9	10.7	11.6	12.5	13.5	14.6
	SIT (°F)	36	40	44	48	51	55	58	62	65
110°F	Capacity (Btu/hr)*	244,266	267,458	291,917	317,649	344,653	375,088	404,845	438,552	470,987
	Evap (Lb/hr)	3244	3632	4058	4526	5039	5603	6223	6903	7653
	Cond (Lb/hr)	4966	5424	5910	6426	6973	7599	8219	8932	9635
	Power (Bhp)	44.3	44.9	45.4	45.8	46.1	46.6	46.8	47.1	47.1
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	6.7	7.2	7.8	8.4	9	9.7	10.4	11.2	12.1
	SIT (°F)	40	44	48	52	56	59	63	66	70
120°F	Capacity (Btu/hr)*	232,454	254,360	277,416	301,632	328,926	355,699	383,623	415,388	445,807
	Evap (Lb/hr)	3164	3543	3960	4418	4920	5473	6082	6752	7491
	Cond (Lb/hr)	5209	5682	6183	6714	7321	7922	8560	9297	10021
	Power (Bhp)	50	50.8	51.4	52	52.7	53.1	53.4	53.9	54
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	5.6	6	6.5	7	7.5	8.1	8.7	9.3	10
	SIT (°F)	45	49	53	57	60	64	68	71	75
	SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 21
120°F to 130°F SCT, -50°F to 0°F SST see page 22
120°F to 130°F SCT, 0°F to 40°F SST see page 24

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
 3500 rpm
 Displacement 65 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	232,454	254,360	277,416	301,632	328,926	355,699	383,623	415,388	445,807
Evap (Lb/hr)	3164	3543	3960	4418	4920	5473	6082	6752	7491
Cond (Lb/hr)	5209	5682	6183	6714	7321	7922	8560	9297	10021
Power (Bhp)	50	50.8	51.4	52	52.7	53.1	53.4	53.9	54
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.5	7	7.5	8.1	8.7	9.3	10
SIT (°F)	45	49	53	57	60	64	68	71	75

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	219,557	240,186	261,855	284,577	308,358	335,329	361,466	388,626	419,803
Evap (Lb/hr)	3066	3436	3843	4290	4781	5323	5920	6579	7308
Cond (Lb/hr)	5494	5987	6508	7059	7642	8314	8975	9677	10497
Power (Bhp)	56.7	57.6	58.4	59.1	59.7	60.6	61	61.4	62
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.7	5	5.4	5.8	6.2	6.7	7.1	7.6	8.2
SIT (°F)	50	54	58	62	66	69	73	77	80

70°F to 120°F SCT, -50°F to 0°F SST see page 21
 120°F to 130°F SCT, -50°F to 0°F SST see page 22
 70°F to 120°F SCT, 0°F to 40°F SST see page 23

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
3500 rpm
Displacement 78 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
Capacity (Btu/hr)*	110,532	124,379	139,947	157,331	176,006	196,512	219,742	244,229	270,747	299,336	330,018	
Evap (Lb/hr)	1183	1345	1530	1739	1976	2241	2537	2868	3236	3644	4094	
Cond (Lb/hr)	1708	1916	2149	2408	2685	2988	3332	3694	4086	4509	4965	
Power (Bhp)	25.8	26.8	27.8	28.7	29.5	30.2	30.9	31.5	32	32.4	32.8	
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Efficiency (EER)	5.2	5.6	6.1	6.6	7.2	7.9	8.6	9.4	10.2	11.1	12.2	
SIT (°F)	-10.9	-8.2	-5	-2	2	6	9	13	17	21	25	
80°F	Capacity (Btu/hr)*	106,284	120,402	136,095	153,459	171,976	192,901	214,981	238,906	264,735	292,519	320,878
	Evap (Lb/hr)	1148	1315	1503	1714	1951	2216	2511	2839	3202	3605	4051
	Cond (Lb/hr)	1762	1988	2239	2516	2808	3139	3486	3861	4267	4704	5149
	Power (Bhp)	28.8	30	31	32.1	32.9	33.9	34.6	35.3	36	36.5	36.8
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	4.4	4.8	5.3	5.8	6.3	6.9	7.5	8.2	8.9	9.7	10.5
	SIT (°F)	-7.9	-5.1	-2	1	5	8	12	16	20	24	29
90°F	Capacity (Btu/hr)*	102,162	116,497	132,261	149,555	167,863	187,726	209,220	232,416	257,381	284,167	312,813
	Evap (Lb/hr)	1115	1285	1476	1689	1926	2189	2482	2806	3166	3563	4002
	Cond (Lb/hr)	1829	2077	2348	2644	2954	3289	3650	4040	4458	4909	5391
	Power (Bhp)	32.3	33.6	34.8	35.9	36.9	37.9	38.8	39.6	40.4	41	41.7
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.8	4.2	4.6	5	5.5	6	6.5	7.1	7.7	8.4	9.1
	SIT (°F)	-4.5	-1.8	1	4	8	12	16	20	24	28	32
100°F	Capacity (Btu/hr)*	97,517	111,960	127,681	144,783	163,373	182,848	203,823	226,375	250,576	276,487	302,748
	Evap (Lb/hr)	1079	1253	1445	1659	1895	2157	2447	2767	3122	3513	3945
	Cond (Lb/hr)	1901	2172	2466	2782	3125	3479	3859	4267	4703	5171	5644
	Power (Bhp)	36.3	37.7	39	40.3	41.6	42.7	43.7	44.7	45.6	46.4	47
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	3.2	3.6	4	4.3	4.7	5.2	5.6	6.1	6.6	7.2	7.8
	SIT (°F)	-0.8	1.8	5	8	11	15	19	23	27	31	36
110°F	Capacity (Btu/hr)*	92,380	106,884	122,516	139,381	157,589	176,543	196,857	218,612	241,885	266,744	291,840
	Evap (Lb/hr)	1036	1213	1407	1621	1857	2116	2402	2718	3067	3451	3875
	Cond (Lb/hr)	1981	2280	2599	2940	3306	3681	4081	4508	4963	5449	5938
	Power (Bhp)	40.9	42.4	43.9	45.4	46.8	48	49.2	50.4	51.4	52.5	53.2
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.7	3	3.4	3.7	4.1	4.4	4.8	5.2	5.7	6.1	6.6
	SIT (°F)	3.3	5.8	9	12	15	19	23	27	31	35	40
120°F	Capacity (Btu/hr)*	86,113	100,954	116,456	133,044	150,224	169,233	188,858	209,791	232,115	254,682	279,828
	Evap (Lb/hr)	984	1163	1358	1572	1805	2062	2344	2654	2996	3374	3789
	Cond (Lb/hr)	2055	2397	2747	3118	3496	3913	4337	4786	5264	5743	6281
	Power (Bhp)	46.2	48	49.7	51.3	52.7	54.3	55.7	57	58.2	59.1	60.3
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.2	5.6
	SIT (°F)	7.8	10.3	13	16	20	23	27	31	35	40	44
	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 26
70°F to 120°F SCT, 0°F to 40°F SST see page 27
120°F to 130°F SCT, 0°F to 40°F SST see page 28

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	
Capacity (Btu/hr)*	86,113	100,954	116,456	133,044	150,224	169,233	188,858	209,791	232,115	254,682	279,828	
Evap (Lb/hr)	984	1163	1358	1572	1805	2062	2344	2654	2996	3374	3789	
Cond (Lb/hr)	2055	2397	2747	3118	3496	3913	4337	4786	5264	5743	6281	
Power (Bhp)	46.2	48	49.7	51.3	52.7	54.3	55.7	57	58.2	59.1	60.3	
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.2	5.6	
SIT (°F)	7.8	10.3	13	16	20	23	27	31	35	40	44	

130°F	Capacity (Btu/hr)*	78,731	93,478	108,746	124,947	142,197	159,923	178,728	198,699	219,922	242,478	265,061
	Evap (Lb/hr)	916	1097	1293	1506	1737	1990	2267	2572	2906	3275	3682
	Cond (Lb/hr)	2124	2506	2895	3301	3727	4157	4609	5084	5587	6120	6650
	Power (Bhp)	52.4	54.4	56.2	58	59.8	61.3	62.9	64.3	65.8	67.2	68.2
	Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Efficiency (EER)	1.8	2.1	2.3	2.6	2.9	3.1	3.4	3.7	4	4.4	4.7
	SIT (°F)	12.8	15.2	18	21	24	28	32	36	40	44	49
	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 25
 70°F to 120°F SCT, 0°F to 40°F SST see page 27
 120°F to 130°F SCT, 0°F to 40°F SST see page 28

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT
 70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	330,018	362,792	397,620	434,425	473,075	515,991	560,926	607,609	655,678
Evap (Lb/hr)	4094	4592	5138	5738	6393	7107	7881	8717	9615
Cond (Lb/hr)	4965	5455	5978	6536	7127	7792	8497	9241	10020
Power (Bhp)	32.8	33	33.2	33.2	33.1	33.1	33	32.7	32.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	12.2	13.3	14.5	15.8	17.2	18.8	20.5	22.4	24.6
SIT (°F)	25	29	33	37	41	44	47	50	53

80°F

Capacity (Btu/hr)*	320,878	352,446	385,961	421,358	460,849	499,896	543,249	588,336	634,813
Evap (Lb/hr)	4051	4541	5081	5674	6322	7028	7796	8628	9523
Cond (Lb/hr)	5149	5650	6185	6754	7397	8040	8763	9527	10330
Power (Bhp)	36.8	37.2	37.5	37.7	37.9	37.8	37.8	37.7	37.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.5	11.4	12.4	13.5	14.7	15.9	17.3	18.8	20.5
SIT (°F)	29	33	37	41	44	48	51	54	57

90°F

Capacity (Btu/hr)*	312,813	343,336	375,724	409,927	445,847	483,324	525,076	568,549	613,425
Evap (Lb/hr)	4002	4486	5018	5603	6243	6942	7703	8529	9421
Cond (Lb/hr)	5391	5908	6460	7047	7670	8329	9074	9862	10692
Power (Bhp)	41.7	42.2	42.6	42.9	43.1	43.2	43.4	43.4	43.2
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	9.1	9.8	10.6	11.5	12.5	13.5	14.6	15.8	17.1
SIT (°F)	32	36	40	44	48	52	55	58	61

100°F

Capacity (Btu/hr)*	302,748	332,009	363,034	395,787	430,184	466,087	506,233	544,792	587,690
Evap (Lb/hr)	3945	4421	4945	5521	6153	6844	7599	8419	9307
Cond (Lb/hr)	5644	6176	6744	7348	7990	8668	9439	10194	11049
Power (Bhp)	47	47.7	48.3	48.8	49.1	49.3	49.7	49.6	49.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.8	8.4	9.1	9.8	10.6	11.4	12.3	13.2	14.3
SIT (°F)	36	40	44	48	52	56	59	63	66

110°F

Capacity (Btu/hr)*	291,840	319,824	349,476	380,774	413,652	447,989	483,597	523,511	561,145
Evap (Lb/hr)	3875	4343	4858	5425	6048	6731	7478	8293	9178
Cond (Lb/hr)	5938	6489	7076	7701	8365	9068	9810	10655	11475
Power (Bhp)	53.2	54	54.8	55.5	56	56.4	56.7	57.1	57
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.6	7.1	7.7	8.3	8.9	9.6	10.3	11.1	11.9
SIT (°F)	40	44	48	52	56	60	64	67	71

120°F

Capacity (Btu/hr)*	279,828	306,529	333,007	362,617	393,721	426,218	459,938	497,939	533,664
Evap (Lb/hr)	3789	4248	4754	5311	5924	6598	7338	8147	9029
Cond (Lb/hr)	6281	6855	7424	8070	8757	9484	10253	11135	11989
Power (Bhp)	60.3	61.3	62	62.8	63.6	64.2	64.6	65.3	65.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.5	7	7.5	8	8.6	9.2	9.9
SIT (°F)	44	48	53	57	61	65	69	72	76

SST (°F) 0 5 10 15 20 25 30 35 40

70°F to 120°F SCT, -50°F to 0°F SST see page 25
 120°F to 130°F SCT, -50°F to 0°F SST see page 26
 120°F to 130°F SCT, 0°F to 40°F SST see page 28

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
 3500 rpm
 Displacement 78 CFM @ 60 Hz

SCT
 120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	279,828	306,529	333,007	362,617	393,721	426,218	459,938	497,939	533,664
Evap (Lb/hr)	3789	4248	4754	5311	5924	6598	7338	8147	9029
Cond (Lb/hr)	6281	6855	7424	8070	8757	9484	10253	11135	11989
Power (Bhp)	60.3	61.3	62	62.8	63.6	64.2	64.6	65.3	65.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.5	7	7.5	8	8.6	9.2	9.9
SIT (°F)	44	48	53	57	61	65	69	72	76

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	265,061	290,288	316,988	343,144	372,502	403,195	435,076	467,919	505,110
Evap (Lb/hr)	3682	4131	4626	5173	5776	6441	7173	7977	8857
Cond (Lb/hr)	6650	7248	7885	8512	9228	9988	10793	11641	12622
Power (Bhp)	68.2	69.5	70.7	71.3	72.3	73.1	73.8	74.3	75
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.7	5	5.4	5.8	6.2	6.7	7.1	7.6	8.1
SIT (°F)	49	53	57	62	66	70	74	78	81
SST (°F)	0	5	10	15	20	25	30	35	40

70°F to 120°F SCT, -50°F to 0°F SST see page 25
 120°F to 130°F SCT, -50°F to 0°F SST see page 26
 70°F to 120°F SCT, 0°F to 40°F SST see page 27

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

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
3500 rpm
Displacement 88 CFM @ 60 Hz

SCT
70°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	124,029	139,671	156,970	176,604	197,480	220,186	245,711	272,348	302,181	332,956	367,353
Evap (Lb/hr)	1331	1520	1734	1973	2241	2539	2870	3236	3641	4087	4577
Cond (Lb/hr)	1914	2146	2401	2693	3001	3335	3714	4107	4551	5007	5522
Power (Bhp)	29.2	30.3	31.3	32.3	33.2	34	34.8	35.5	36.1	36.6	37.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.1	5.6	6.1	6.6	7.2	7.8	8.5	9.3	10.1	11	11.9
SIT (°F)	-9.8	-6.1	-2	1	5	9	12	16	19	23	26
80°F Capacity (Btu/hr)*	119,606	135,565	153,028	172,674	193,415	215,840	240,946	267,024	294,942	326,135	358,023
80°F Evap (Lb/hr)	1297	1491	1708	1950	2219	2517	2847	3211	3612	4054	4540
80°F Cond (Lb/hr)	1979	2232	2507	2818	3144	3496	3892	4302	4740	5235	5739
80°F Power (Bhp)	32.6	33.8	34.9	36.1	37.1	38.1	39	39.8	40.5	41.2	41.7
80°F Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
80°F Efficiency (EER)	4.4	4.8	5.3	5.8	6.3	6.8	7.4	8.1	8.8	9.5	10.4
80°F SIT (°F)	-6.7	-3	1	4	8	12	15	19	23	26	30
90°F Capacity (Btu/hr)*	114,821	131,428	148,995	167,972	189,138	211,221	234,897	261,300	288,463	317,377	349,669
90°F Evap (Lb/hr)	1261	1460	1681	1924	2194	2492	2820	3181	3578	4015	4494
90°F Cond (Lb/hr)	2050	2335	2633	2953	3312	3683	4080	4526	4983	5470	6019
90°F Power (Bhp)	36.5	37.9	39.2	40.4	41.7	42.7	43.7	44.8	45.6	46.3	47.1
90°F Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
90°F Efficiency (EER)	3.8	4.2	4.6	5	5.5	6	6.5	7	7.6	8.3	8.9
90°F SIT (°F)	-3.4	0.4	4	8	11	15	19	22	26	30	33
100°F Capacity (Btu/hr)*	110,212	126,568	144,113	163,528	183,733	205,320	229,293	253,948	280,161	309,386	339,046
100°F Evap (Lb/hr)	1223	1426	1649	1895	2164	2461	2786	3144	3536	3966	4438
100°F Cond (Lb/hr)	2143	2445	2767	3124	3491	3882	4319	4765	5239	5771	6311
100°F Power (Bhp)	41.1	42.6	44	45.5	46.8	48	49.3	50.4	51.3	52.4	53.2
100°F Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100°F Efficiency (EER)	3.2	3.6	4	4.3	4.7	5.2	5.6	6.1	6.6	7.1	7.7
100°F SIT (°F)	0.5	4.1	8	11	15	19	22	26	30	33	37
110°F Capacity (Btu/hr)*	104,371	121,205	138,692	157,271	177,721	198,782	221,128	245,904	271,146	297,854	327,673
110°F Evap (Lb/hr)	1179	1386	1611	1858	2127	2422	2744	3098	3484	3908	4372
110°F Cond (Lb/hr)	2229	2571	2922	3292	3699	4114	4553	5043	5538	6063	6653
110°F Power (Bhp)	46.3	48.1	49.7	51.2	52.8	54.2	55.4	56.9	58	59	60.2
110°F Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110°F Efficiency (EER)	2.7	3	3.4	3.7	4.1	4.4	4.8	5.2	5.6	6.1	6.6
110°F SIT (°F)	4.9	8.5	12	16	19	23	27	30	34	38	41
120°F Capacity (Btu/hr)*	97,823	114,211	131,977	150,230	170,188	190,599	213,082	235,942	260,061	286,896	313,886
120°F Evap (Lb/hr)	1126	1336	1563	1810	2079	2372	2691	3040	3421	3837	4293
120°F Cond (Lb/hr)	2321	2688	3083	3484	3921	4363	4851	5343	5861	6442	7023
120°F Power (Bhp)	52.6	54.3	56.2	57.9	59.7	61.2	62.9	64.2	65.5	67	68.1
120°F Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
120°F Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.2	5.6
120°F SIT (°F)	10	13.5	17	21	24	28	31	35	39	42	46
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 150°F SCT, 0°F to 40°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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT
 120°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	97,823	114,211	131,977	150,230	170,188	190,599	213,082	235,942	260,061	286,896	313,886
Evap (Lb/hr)	1126	1336	1563	1810	2079	2372	2691	3040	3421	3837	4293
Cond (Lb/hr)	2321	2688	3083	3484	3921	4363	4851	5343	5861	6442	7023
Power (Bhp)	52.6	54.3	56.2	57.9	59.7	61.2	62.9	64.2	65.5	67	68.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	2.2	2.5	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.2	5.6
SIT (°F)	10	13.5	17	21	24	28	31	35	39	42	46

130°F

SST (°F)	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
Capacity (Btu/hr)*	89,940	106,672	123,746	142,183	160,941	181,412	202,150	223,921	248,016	272,203	299,203
Evap (Lb/hr)	1059	1272	1502	1749	2017	2308	2624	2967	3342	3752	4200
Cond (Lb/hr)	2403	2825	3248	3703	4158	4654	5151	5670	6248	6824	7472
Power (Bhp)	59.7	61.9	63.7	65.8	67.5	69.5	71.1	72.6	74.4	75.7	77.3
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	1.8	2.1	2.3	2.6	2.9	3.1	3.4	3.7	4	4.3	4.7
SIT (°F)	16	19.4	23	26	30	33	37	41	44	48	51

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

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
3500 rpm
Displacement 88 CFM @ 60 Hz

SCT

70°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	367,353	402,432	441,612	481,102	525,233	572,034	621,552	673,820	724,838
Evap (Lb/hr)	4577	5116	5707	6355	7063	7839	8687	9615	10630
Cond (Lb/hr)	5522	6047	6640	7239	7917	8643	9420	10251	11078
Power (Bhp)	37.1	37.3	37.6	37.7	37.7	37.7	37.5	37.2	36.6
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	11.9	13	14.2	15.4	16.8	18.3	20	21.8	23.9
SIT (°F)	26	30	33	37	40	43	46	49	53

80°F

Capacity (Btu/hr)*	358,023	393,656	429,689	470,000	510,298	555,481	603,325	650,265	703,174
Evap (Lb/hr)	4540	5072	5657	6298	7000	7769	8612	9536	10548
Cond (Lb/hr)	5739	6308	6885	7537	8193	8938	9736	10532	11442
Power (Bhp)	41.7	42.3	42.5	42.9	42.9	43.1	43.1	42.7	42.4
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	10.4	11.2	12.2	13.2	14.3	15.6	16.9	18.4	20
SIT (°F)	30	33	37	40	44	47	50	54	57

90°F

Capacity (Btu/hr)*	349,669	382,400	419,028	455,766	496,996	537,882	583,944	629,049	680,117
Evap (Lb/hr)	4494	5020	5596	6229	6923	7684	8519	9437	10445
Cond (Lb/hr)	6019	6575	7203	7836	8555	9274	10096	10914	11855
Power (Bhp)	47.1	47.7	48.3	48.6	49	49.1	49.3	49.1	49
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	8.9	9.7	10.5	11.3	12.2	13.2	14.3	15.5	16.7
SIT (°F)	33	37	40	44	47	51	54	58	61

100°F

Capacity (Btu/hr)*	339,046	370,417	405,565	440,710	480,249	519,358	563,578	606,789	655,949
Evap (Lb/hr)	4438	4956	5524	6148	6832	7584	8410	9320	10323
Cond (Lb/hr)	6311	6884	7532	8183	8925	9665	10514	11358	12334
Power (Bhp)	53.2	53.9	54.7	55.1	55.8	56	56.4	56.3	56.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	7.7	8.3	8.9	9.6	10.4	11.2	12.1	13	14
SIT (°F)	37	41	44	48	51	55	58	62	65

110°F

Capacity (Btu/hr)*	327,673	357,669	389,290	424,864	460,124	500,025	539,143	580,057	626,865
Evap (Lb/hr)	4372	4881	5440	6053	6728	7469	8287	9188	10186
Cond (Lb/hr)	6653	7247	7877	8593	9308	10129	10944	11812	12821
Power (Bhp)	60.2	61	61.7	62.7	63.2	63.9	64.2	64.3	64.7
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	6.6	7.1	7.6	8.2	8.8	9.4	10.1	10.9	11.7
SIT (°F)	41	45	49	52	56	59	63	67	70

120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	313,886	342,314	374,260	405,966	439,270	477,104	514,059	552,729	597,242
Evap (Lb/hr)	4293	4794	5343	5946	6610	7341	8149	9043	10035
Cond (Lb/hr)	7023	7639	8338	9034	9773	10624	11468	12368	13421
Power (Bhp)	68.1	69.1	70.3	71.1	71.8	72.7	73.2	73.5	74.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.4	6.9	7.4	7.9	8.5	9.1	9.7
SIT (°F)	46	50	53	57	61	64	68	72	75

70°F to 120°F SCT, -50°F to 0°F SST see page 29
120°F to 130°F SCT, -50°F to 0°F SST see page 30
120°F to 130°F SCT, 0°F to 40°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
 3500 rpm
 Displacement 88 CFM @ 60 Hz

SCT
120°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	313,886	342,314	374,260	405,966	439,270	477,104	514,059	552,729	597,242
Evap (Lb/hr)	4293	4794	5343	5946	6610	7341	8149	9043	10035
Cond (Lb/hr)	7023	7639	8338	9034	9773	10624	11468	12368	13421
Power (Bhp)	68.1	69.1	70.3	71.1	71.8	72.7	73.2	73.5	74.1
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	5.6	6	6.4	6.9	7.4	7.9	8.5	9.1	9.7
SIT (°F)	46	50	53	57	61	64	68	72	75

130°F

SST (°F)	0	5	10	15	20	25	30	35	40
Capacity (Btu/hr)*	299,203	326,109	354,374	386,333	417,755	450,711	488,498	525,041	563,264
Evap (Lb/hr)	4200	4691	5230	5824	6478	7200	8000	8888	9876
Cond (Lb/hr)	7472	8116	8797	9576	10348	11169	12125	13069	14081
Power (Bhp)	77.3	78.5	79.5	81	81.8	82.5	83.7	84.2	84.5
Current (Amps)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Efficiency (EER)	4.7	5	5.4	5.8	6.2	6.6	7	7.5	8
SIT (°F)	51	55	59	62	66	70	73	77	81

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

*Compressor capacity shown. Evaporator capacity may be less. See Carlyle Selection Program Software Guide to note differences.

