

COOLING CAPACITY: 23,000 - 56,000 BTU/H

PACKAGED AIR CONDITIONER
2 TO 5 TONS
14 SEER



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Standard Features

- Energy-efficient compressor
- Multi-speed ECM indoor blower motor
- Convertible airflow:
horizontal or downflow application
- Copper tube/aluminum fin condenser coil
- All-aluminum evaporator coil
- Totally enclosed, permanently
lubricated condenser fan motor
- 5 kW to 20 kW electric heat kit
available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with
attractive Architectural Gray powder-paint finish
- Louvered condenser coil protection
- Aluminum foil-facing internal insulation
reinforced with fiberglass scrim
- Fully insulated blower compartment
with convenient access panels
- Meets cabinet air leakage requirements when
tested in accordance with ASHRAE standard 193
- One footprint for all tonnages



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 2-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	G	P	C	14	36	M	4	1	**	
	1	2	3	4,5	6,7	8	9	10	11,12	
Brand									Engineering	
G Goodman® brand									Major/ Minor Revisions	
Product Category									Electrical	
P Packaged Unit									1 208-230/1/60	
Unit Type									Refrigerant	
C Air Conditioner									4 R-410A	
H Heat Pump										
Efficiency									Airflow	
14 14 SEER									M Multi-Position	
16 16 SEER									H Horizontal	
Nominal Capacity										
24 2 Tons				36 3 Tons			48 4 Tons			
30 2½ tons				42 3½ Tons			60 5 Tons			

	GPC14 24M41A*	GPC14 30M41AB	GPC14 30M41AC	GPC14 36M41B*	GPC14 42M41A*	GPC14 48M41A*	GPC14 60M41A*
COOLING CAPACITY							
Total BTU/h	23,000	28,600	28,600	35,000	40,000	46,500	56,000
Sensible BTU/h	17,700	21,800	21,800	27,000	29,600	36,200	41,000
SEER / EER	14 / 11.0	14 / 11.0	14 / 11.0	14 / 11.0	14 / 11.0	14 / 11.0	14 / 11.0
Decibels	78.0	78.0	78.0	80.1	78.0	81.7	80.2
AHRI Numbers	7513338	7513345	7513342	7513339	7513340	7513341	7513343
EVAPORATOR MOTOR							
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Nominal Cooling CFM	800	1,000	1,000	1,200	1,325	1,600	1,700
Wheel (DxW)	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9	10 x 9
No. of Speeds	5	5	5	5	5	5	5
Horsepower- RPM	½	½	½	½	½	¾	1.0
EVAPORATOR COIL							
Face Area (ft²)	4.50	4.50	4.50	4.50	4.50	6.17	6.17
Rows Deep/ Fin per Inch	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	86	80	80	84	95	108	177
CONDENSER FAN / COIL							
Horsepower- RPM	¼- 815	¼- 830	¼- 830	¼- 1,075	¼- 1,075	¼- 1,075	¼- 1120
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	12.29	12.29	12.29	8.77	11.13	15.36	20.67
Rows Deep/ Fins per Inch	1 / 24	1 / 24	1 / 24	2 / 27	2 / 27	1 / 24	2 / 16
COMPRESSOR							
Quantity	1	1	1	1	1	1	1
Type	Rotary	Scroll	Scroll	Rotary	Scroll	Scroll	Scroll
Stage	Single	Single	Single	Single	Single	Single	Single
ELECTRICAL DATA							
Voltage-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Compressor RLA/LRA	7.7 / 37	14.1 / 73	14.1 / 73	12.7 / 55.3	17.9 / 112	19.9 / 109	25.0 / 134
Indoor Blower FLA	3.9	3.9 /-	3.9	3.9	3.9	5.7	7.0
Outdoor Fan FLA / LRA	1.1 / 1.7	1.3 / 3.0	1.6 / 3.5	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9	2.0 / 4.4
Total Unit Amps	12.7	19.5	19.6	22.0	23.2	27.0	34.0
Min. Circuit Ampacity ¹	14.6	22.8	23.1	21.1	27.7	32.0	40.3
Max. Overcurrent Protection ²	20 amps	35 amps	35 amps	30 amps	45 amps	50 amps	60 amps
SHIP WEIGHT (LBS)	319	342	342	365	410	435	458

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
904	MBh	23.1	23.9	26.2	-	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	20.4	21.1	23.2	-	18.9	19.6	21.5	-	18.9	19.6	21.5	-								
	S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.84	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-	0.88	0.74	0.51	-								
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
	kW	1.42	1.45	1.50	-	1.53	1.57	1.62	-	1.63	1.67	1.72	-	1.72	1.75	1.81	-	1.79	1.83	1.89	-	1.85	1.89	1.96	-	1.85	1.89	1.96	-								
	Amps	6.5	6.6	6.8	-	6.9	7.0	7.2	-	7.4	7.6	7.8	-	7.8	8.0	8.2	-	8.3	8.4	8.7	-	8.7	8.9	9.1	-	8.7	8.9	9.1	-								
806	Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-								
	Lo PR	114	121	132	-	120	128	139	-	125	133	145	-	131	139	152	-	137	146	159	-	142	151	165	-	142	151	165	-								
	MBh	22.4	23.2	25.4	-	21.9	22.7	24.9	-	21.4	22.1	24.3	-	20.8	21.6	23.7	-	19.8	20.5	22.5	-	18.3	19.0	20.8	-	18.3	19.0	20.8	-								
	S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
707	kW	1.41	1.44	1.49	-	1.52	1.55	1.60	-	1.62	1.65	1.71	-	1.70	1.74	1.80	-	1.77	1.81	1.87	-	1.84	1.88	1.94	-	1.84	1.88	1.94	-								
	Amps	6.4	6.6	6.7	-	6.9	7.0	7.2	-	7.4	7.5	7.7	-	7.8	7.9	8.2	-	8.2	8.4	8.6	-	8.6	8.8	9.1	-	8.6	8.8	9.1	-								
	Hi PR	229	247	260	-	257	277	292	-	292	315	332	-	333	358	378	-	375	403	426	-	414	445	470	-	414	445	470	-								
	Lo PR	112	120	131	-	119	126	138	-	124	131	143	-	130	138	151	-	136	145	158	-	141	150	163	-	141	150	163	-								
	MBh	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.2	19.9	21.9	-	18.3	18.9	20.8	-	16.9	17.6	19.2	-	16.9	17.6	19.2	-								
70	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-								
	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-								
	kW	1.38	1.41	1.45	-	1.48	1.51	1.56	-	1.58	1.61	1.66	-	1.66	1.70	1.75	-	1.73	1.77	1.83	-	1.79	1.83	1.89	-	1.79	1.83	1.89	-								
	Amps	6.3	6.4	6.6	-	6.7	6.8	7.0	-	7.2	7.3	7.5	-	7.6	7.7	8.0	-	8.0	8.2	8.4	-	8.4	8.6	8.8	-	8.4	8.6	8.8	-								
	Hi PR	222	239	253	-	249	268	283	-	284	305	322	-	323	348	367	-	363	391	413	-	402	432	456	-	402	432	456	-								
Lo PR	109	116	127	-	115	123	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	136	145	158	-									

904	MBh	23.5	24.2	26.2	28.1	22.9	23.6	25.6	27.4	22.4	23.0	24.9	26.8	21.8	22.5	24.3	26.1	20.7	21.4	23.1	24.8	19.2	19.8	21.4	23.0
	S/T	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.43	1.46	1.51	1.56	1.54	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	1.77	1.83	1.89	1.80	1.84	1.91	1.97	1.87	1.91	1.97	2.04
	Amps	6.5	6.7	6.8	7.0	7.0	7.1	7.3	7.5	7.5	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.7	9.0	8.8	8.9	9.2	9.5
806	Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501
	Lo PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	143	153	167	177
	MBh	22.8	23.5	25.4	27.3	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.1	20.7	22.4	24.1	18.7	19.2	20.8	22.3
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
707	kW	1.42	1.45	1.50	1.55	1.53	1.57	1.62	1.67	1.63	1.67	1.72	1.78	1.72	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.96	2.02
	Amps	6.5	6.6	6.8	7.0	6.9	7.1	7.2	7.5	7.4	7.6	7.8	8.0	7.8	8.0	8.2	8.5	8.3	8.4	8.7	9.0	8.7	8.9	9.1	9.4
	Hi PR	231	249	263	274	260	279	295	308	295	318	336	350	336	362	382	399	378	407	430	449	418	450	475	496
	Lo PR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176
	MBh	21.0	21.7	23.4	25.2	20.5	21.2	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.1	21.8	23.4	18.6	19.1	20.7	22.2	17.2	17.7	19.2	20.6
75	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	kW	1.39	1.42	1.46	1.51	1.49	1.53	1.58	1.63	1.59	1.62	1.68	1.73	1.67	1.71	1.77	1.83	1.74	1.78	1.84	1.90	1.80	1.85	1.91	1.97
	Amps	6.3	6.5	6.6	6.8	6.8	6.9	7.1	7.3	7.2	7.4	7.6	7.8	7.7	7.8	8.0	8.3	8.1	8.2	8.5	8.7	8.5	8.7	8.9	9.2
	Hi PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	436	461	481
75	Lo PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	170

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		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	5487	5491	5495	5499	5503	5507	5511	5515	5519	5523	5527	5531	5535	5539	5543	5547	5551	5555	5559	5563	5567	5571	5575	5579	5583	5587	5591	5595	5599	5603	5

85	904	MBh	24.3	24.8	26.0	27.7	23.7	24.2	25.3	27.0	23.2	23.6	24.7	26.4	22.6	23.1	24.1	25.8	21.5	21.9	22.9	24.5	19.9	20.3	21.2	22.7	
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	
		ΔT	25	24	23	20	24	25	23	20	24	24	23	20	23	23	24	20	22	22	23	20	20	21	22	19	
		kW	1.46	1.49	1.54	1.59	1.57	1.60	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.88	1.94	2.01	1.90	1.94	2.01	2.08	
		Amps	6.6	6.8	6.9	7.2	7.1	7.2	7.4	7.6	7.6	7.6	7.7	8.0	8.2	8.0	8.2	8.4	8.7	8.5	8.6	8.9	9.2	8.9	9.1	9.4	9.7
		Hi PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
	Lo PR	117	125	136	145	124	132	144	153	129	137	149	159	135	144	157	167	142	151	164	175	146	156	170	181		
	806	MBh	23.6	24.1	25.2	26.9	23.1	23.5	24.6	26.3	22.5	22.9	24.0	25.6	22.0	22.4	23.4	25.0	20.9	21.3	22.3	23.8	19.3	19.7	20.6	22.0	
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	24	24	21	22	22	23	20	
		kW	1.45	1.48	1.52	1.57	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	1.84	1.91	1.82	1.86	1.92	1.99	1.88	1.93	1.99	2.06	
		Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.1	8.4	8.6	8.4	8.6	8.8	9.1	8.8	9.0	9.3	9.6	
Hi PR		236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	416	439	458	427	459	485	506		
Lo PR	116	123	135	143	122	130	142	151	127	135	148	157	134	142	155	165	140	149	163	173	145	154	168	179			
707	MBh	21.8	22.2	23.3	24.8	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.6	23.1	19.3	19.6	20.6	21.9	17.8	18.2	19.0	20.3		
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75		
	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	26	26	25	22	25	26	25	21	23	24	23	20		
	kW	1.41	1.44	1.49	1.53	1.52	1.55	1.60	1.66	1.62	1.65	1.71	1.76	1.70	1.74	1.80	1.86	1.77	1.81	1.87	1.94	1.84	1.88	1.94	2.01		
	Amps	6.4	6.6	6.7	6.9	6.9	7.0	7.2	7.4	7.3	7.5	7.7	8.0	7.8	7.9	8.2	8.4	8.2	8.4	8.6	8.9	8.6	8.8	9.1	9.4		
	Hi PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490		
Lo PR	112	120	131	139	119	126	138	147	123	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174			

DB: Entering Indoor Dry Bulb Temperature

DB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				ENTERING INDOOR WET BULB TEMPERATURE																																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
1119	MBh	28.5	29.6	32.4	-	27.9	28.9	31.6	-	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.2	26.1	28.6	-	23.3	24.2	26.5	-	23.3	24.2	26.5	-	23.3	24.2	26.5	-																		
	S/T	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-	0.88	0.74	0.51	-	0.88	0.74	0.51	-																		
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-																		
	kW	1.93	1.97	2.03	-	2.08	2.12	2.19	-	2.21	2.26	2.34	-	2.33	2.38	2.46	-	2.43	2.49	2.57	-	2.52	2.57	2.66	-	2.52	2.57	2.66	-	2.52	2.57	2.66	-																		
	Amps	8.8	9.0	9.2	-	9.4	9.6	9.9	-	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.2	11.5	11.8	-	11.8	12.0	12.4	-	11.8	12.0	12.4	-	11.8	12.0	12.4	-																		
	Hi PR	247	266	281	-	277	298	315	-	315	339	358	-	359	386	408	-	404	435	459	-	446	480	507	-	446	480	507	-	446	480	507	-																		
	Lo PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	138	147	161	-	138	147	161	-																		
997	MBh	27.7	28.7	31.4	-	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	24.5	25.4	27.8	-	22.7	23.5	25.7	-	22.7	23.5	25.7	-	22.7	23.5	25.7	-																		
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-																		
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-																		
	kW	1.91	1.95	2.02	-	2.06	2.11	2.18	-	2.19	2.24	2.32	-	2.31	2.36	2.44	-	2.41	2.46	2.55	-	2.50	2.55	2.64	-	2.50	2.55	2.64	-	2.50	2.55	2.64	-																		
	Amps	8.8	8.9	9.2	-	9.3	9.5	9.8	-	10.0	10.2	10.5	-	10.6	10.8	11.1	-	11.1	11.4	11.7	-	11.7	12.0	12.3	-	11.7	12.0	12.3	-	11.7	12.0	12.3	-																		
	Hi PR	245	263	278	-	274	295	312	-	312	336	355	-	355	382	404	-	400	430	454	-	442	475	502	-	442	475	502	-	442	475	502	-																		
	Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	126	135	147	-	133	141	154	-	137	146	159	-	137	146	159	-	137	146	159	-																		
874	MBh	25.6	26.5	29.0	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.8	24.6	27.0	-	22.6	23.4	25.7	-	20.9	21.7	23.8	-	20.9	21.7	23.8	-	20.9	21.7	23.8	-																		
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-																		
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-	18	15	12	-																		
	kW	1.87	1.91	1.97	-	2.01	2.06	2.12	-	2.14	2.19	2.26	-	2.25	2.30	2.38	-	2.35	2.40	2.48	-	2.43	2.49	2.57	-	2.43	2.49	2.57	-	2.43	2.49	2.57	-																		
	Amps	8.6	8.7	9.0	-	9.1	9.3	9.6	-	9.8	10.0	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.4	11.7	12.0	-	11.4	11.7	12.0	-	11.4	11.7	12.0	-																		
	Hi PR	237	255	270	-	266	286	302	-	303	326	344	-	345	371	392	-	388	417	441	-	429	461	487	-	429	461	487	-	429	461	487	-																		
	Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	142	-	129	137	149	-	133	141	154	-	133	141	154	-	133	141	154	-																		

75	1119	MBh	29.0	29.9	32.3	34.7	28.3	29.2	31.6	33.9	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	25.6	26.4	28.6	30.7	23.7	24.4	26.5	28.4	
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.43	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44	
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
		kW	1.94	1.99	2.05	2.12	2.10	2.14	2.21	2.29	2.23	2.28	2.36	2.44	2.35	2.40	2.48	2.57	2.68	2.45	2.51	2.59	2.68	2.54	2.60	2.68	2.78
		Amps	8.9	9.1	9.3	9.6	9.5	9.7	9.9	10.2	10.2	10.4	10.6	11.0	10.7	11.0	11.3	11.6	11.9	11.3	11.6	11.9	12.3	11.9	12.1	12.5	12.9
		Hi PR	250	269	284	296	280	301	318	332	318	343	362	377	363	390	412	430	408	439	464	484	484	451	485	512	534
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173	
		MBh	28.2	29.0	31.4	33.7	27.5	28.3	30.7	32.9	26.9	27.6	29.9	32.1	26.2	27.0	29.2	31.3	24.9	25.6	27.7	29.8	23.1	23.7	25.7	27.6	
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42	
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11	
997	kW	1.93	1.97	2.03	2.10	2.08	2.13	2.19	2.27	2.21	2.26	2.34	2.42	2.33	2.38	2.46	2.55	2.43	2.49	2.57	2.66	2.52	2.57	2.66	2.75		
	Amps	8.8	9.0	9.2	9.5	9.4	9.6	9.9	10.2	10.1	10.3	10.6	10.9	10.7	10.9	11.2	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.4	12.8		
	Hi PR	247	266	281	293	277	298	315	329	315	339	358	374	359	386	408	426	404	435	459	479	446	480	507	529		
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	150	128	136	148	158	134	142	156	166	139	147	161	171		
	MBh	26.0	26.8	29.0	31.1	25.4	26.1	28.3	30.4	24.8	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.0	23.7	25.6	27.5	21.3	21.9	23.7	25.5		
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40		
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
	kW	1.88	1.92	1.98	2.05	2.03	2.07	2.14	2.21	2.16	2.21	2.28	2.35	2.27	2.32	2.40	2.48	2.37	2.42	2.50	2.59	2.45	2.51	2.59	2.68		
	Amps	8.6	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	10.0	10.3	10.6	10.4	10.6	10.9	11.3	11.0	11.2	11.5	11.9	11.5	11.8	12.1	12.5		
	Hi PR	240	258	272	284	269	289	306	319	306	329	348	362	348	375	396	413	392	422	445	464	433	466	492	513		
Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166			

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																		115°F																																		
				65°F						75°F						85°F						95°F						105°F						115°F																						
				ENTERING INDOOR WET BULB TEMPERATURE																																																				
80	1119	MBh	29.5	30.2	32.2	34.5	28.8	29.5	31.5	33.7	28.1	28.8	30.7	32.9	27.5	28.1	30.0	32.0	26.1	26.7	28.5	30.4	24.2	24.7	26.4	28.2	997	874	MBh	28.7	29.3	31.3	33.4	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	25.3	25.9	27.7	29.6	23.5	24.0	25.6	27.4			
		S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63				S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60		
		ΔT	23	22	19	15	24	23	20	16	23	23	20	16	23	23	20	16	21	21	22	19	16	20	20	18				15	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	23	23	20	16	22	22	19	15	
		kW	1.96	2.00	2.07	2.13	2.11	2.16	2.23	2.31	2.25	2.30	2.38	2.46	2.37	2.42	2.51	2.59	2.47	2.53	2.61	2.70	2.56	2.62	2.71	2.80				kW	1.94	1.99	2.05	2.12	2.10	2.14	2.21	2.29	2.23	2.28	2.36	2.44	2.35	2.40	2.48	2.57	2.45	2.51	2.59	2.68	2.54	2.60	2.69	2.78		
		Amps	9.0	9.1	9.4	9.7	9.6	9.7	10.0	10.3	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.7	11.4	11.4	11.7	12.0	12.4	12.0	12.2	12.6				13.0	Amps	8.9	9.1	9.3	9.6	9.5	9.7	9.9	10.2	10.2	10.4	10.6	11.0	10.7	11.0	11.3	11.6	11.9	12.3	11.9	12.1	12.5	12.9			
	Lo PR	Hi PR	252	271	286	299	283	304	321	335	322	346	365	381	366	394	416	434	412	443	468	488	455	490	517	540	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175					
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58					
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	22	19	16	20	20	18	15	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	17	25	24	21	16	23	23	20	16	22	22	19	15
		kW	1.94	1.99	2.05	2.12	2.10	2.14	2.21	2.29	2.23	2.28	2.36	2.44	2.35	2.40	2.48	2.57	2.45	2.51	2.59	2.68	2.54	2.60	2.69	2.78	kW	1.90	1.94	2.00	2.06	2.04	2.09	2.16	2.23	2.18	2.22	2.30	2.37	2.29	2.34	2.42	2.50	2.39	2.44	2.53	2.61	2.47	2.53	2.62	2.71					
		Amps	8.9	9.1	9.3	9.6	9.5	9.7	9.9	10.2	10.2	10.4	10.6	11.0	10.7	11.0	11.4	11.7	11.4	11.4	11.7	12.0	12.4	12.0	12.2	12.6	13.0	Amps	8.7	8.9	9.1	9.4	9.3	9.5	9.7	10.0	9.9	10.1	10.4	10.7	10.5	10.7	11.0	11.4	11.1	11.3	11.6	11.9	12.3	11.9	12.1	12.5	12.9			
Lo PR	Hi PR	250	269	284	296	280	301	318	332	318	343	362	377	363	390	416	430	408	439	464	484	451	485	512	534	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173						
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	S/T	0.86	0.81	0.65	0.48	0.89	0.84	0.68	0.50	0.91	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.77	0.59						
	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	15	15	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	16	22	22	19	15	
	kW	1.90	1.94	2.00	2.06	2.04	2.09	2.16	2.23	2.18	2.22	2.30	2.37	2.29	2.34	2.42	2.50	2.39	2.44	2.53	2.61	2.47	2.53	2.62	2.71	kW	1.86	1.90	1.96	2.02	1.98	2.03	2.10	2.17	2.12	2.16	2.24	2.31	2.23	2.28	2.36	2.44	2.52	2.40	2.46	2.55	2.63	2.49	2.55	2.64	2.73					
	Amps	8.7	8.9	9.1	9.4	9.3	9.5	9.7	10.0	9.9	10.1	10.4	10.7	10.5	10.7	11.0	11.4	11.1	11.1	11.3	11.6	12.0	11.6	11.9	12.2	12.6	Amps	8.5	8.7	8.9	9.1	9.0	9.2	9.4	9.6	9.5	9.7	10.0	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.1	12.5	12.9	13.3	12.7	13.1	12.5	12.9	
Lo PR	Hi PR	242	260	275	287	272	292	309	322	309	332	351	366	352	379	400	417	396	426	450	469	437	471	497	518	Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168						
	S/T	0.85	0.80	0.64	0.47	0.87	0.82	0.66	0.49	0.90	0.84	0.68	0.50	0.91	0.85	0.68	0.50	0.91	0.85	0.68	0.50	0.91	0.85	0.68	0.50	S/T	0.83	0.78	0.62	0.45	0.85	0.80	0.64	0.47	0.88	0.83	0.67	0.50	0.91	0.85	0.68	0.50	0.91	0.85	0.68	0.50	0.91	0.85	0.68	0.50						
	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	15	15	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	16	22	22	19	15					
	kW	1.86	1.90	1.96	2.02	1.98	2.03	2.10	2.17	2.12	2.16	2.24	2.31	2.23	2.28	2.36	2.44	2.32	2.38	2.46	2.54	2.46	2.52	2.60	2.68	kW	1.82	1.86	1.92	1.98	1.88	1.94	2.01	2.08	2.03	2.07	2.15	2.22	2.29	2.21	2.26	2.34	2.42	2.50	2.38	2.44	2.52	2.60	2.68	2.76	2.84					
	Amps	8.5	8.7	8.9	9.1	9.0	9.2	9.4	9.6	9.5	9.7	10.0	10.3	10.6	10.9	11.2	11.5	11.4	11.4	11.7	12.0	12.4	12.0	12.2	12.6	13.0	Amps	8.3	8.5	8.7	8.9	8.8	9.0	9.2	9.4	9.3	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	12.5	12.9	13.3	12.7	13.1	12.5	12.9
Lo PR	Hi PR	238	256	271	284	268	286	301	315	300	324	341	358	342	370	388	406	388	418	438	458	437	470	497	518	Lo PR	107	113	124	132	107	114	125	134	123	131	142	151	129	137	147	156	131	140	150	160	135	144	154	164						
	S/T	0.83	0.78	0.62	0.45	0.85	0.80	0.64	0.47	0.87	0.82	0.66	0.49	0.90	0.85	0.68	0.50	0.91	0.85	0.68	0.50	0.91	0.85	0.68	0.50	S/T	0.81	0.76	0.60	0.43	0.83	0.78	0.62	0.45	0.85	0.80	0.64	0.47	0.87	0.82	0.66	0.49	0.90	0.85	0.68	0.50	0.91	0.85	0.68	0.50						
	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	15	15	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	16	23	23	20	16	22	22	19	15					
	kW	1.82	1.86	1.92	1.98	1.88	1.94	2.01	2.08	2.03	2.07	2.15	2.22	2.29	2.21	2.26	2.34	2.42	2.50	2.38	2.44	2.52	2.60	2.68	2.76	kW	1.78	1.82	1.88	1.94	1.84	1.90	1.97	2.04	1.99	2.03	2.11	2.18	2.25	2.17	2.22	2.30	2.38	2.46	2.54	2.62	2.70	2.78	2.86							
	Amps	8.3	8.5	8.7	8.9	8.8	9.0	9.2	9.4	9.3	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.2	11.2	11.5	11.8	12.1	12.4	12.6	13.0	Amps	8.1	8.3	8.5	8.7	8.6	8.8	9.0	9.2	9.1	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.6	13.0	12.4	12.8	13.2	12.6	13.0			
Lo PR	Hi PR	234	252	267	280	264	282	297	310	294	318	335	352	336	364	382	400	382	412	432	452	431	464	491																																

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70		35.3	36.6	40.1	-	34.5	35.8	39.2	-	33.7	34.9	38.3	-	32.9	34.1	37.3	-	31.2	32.4	35.5	-	28.9	30.0	32.9	-	28.9	30.0	32.9	-	28.9	30.0	32.9	-				
	Mb/h	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.72	0.50	-	0.90	0.75	0.52	-	0.91	0.76	0.53	-	0.91	0.76	0.53	-	0.91	0.76	0.53	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	kW	2.34	2.39	2.46	-	2.52	2.57	2.65	-	2.67	2.73	2.82	-	2.81	2.87	2.97	-	2.93	2.99	3.09	-	3.03	3.10	3.20	-	3.03	3.10	3.20	-	3.03	3.10	3.20	-				
	Amps	9.7	9.9	10.2	-	10.4	10.6	10.9	-	11.2	11.4	11.8	-	11.9	12.2	12.5	-	12.6	12.9	13.2	-	13.3	13.5	14.0	-	13.3	13.5	14.0	-	13.3	13.5	14.0	-				
	Hi PR	234	252	266	-	263	283	299	-	299	322	340	-	340	366	387	-	383	412	435	-	423	455	481	-	423	455	481	-	423	455	481	-				
	Lo PR	108	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	136	144	157	-	136	144	157	-	136	144	157	-				
70		34.3	35.6	39.0	-	33.5	34.7	38.1	-	32.7	33.9	37.2	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-	28.1	29.1	31.9	-	28.1	29.1	31.9	-				
	Mb/h	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-	0.87	0.72	0.50	-	0.87	0.72	0.50	-				
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-				
	kW	2.32	2.37	2.44	-	2.50	2.55	2.63	-	2.65	2.71	2.80	-	2.79	2.85	2.94	-	2.90	2.97	3.06	-	3.00	3.07	3.17	-	3.00	3.07	3.17	-	3.00	3.07	3.17	-				
	Amps	9.7	9.9	10.1	-	10.3	10.6	10.9	-	11.1	11.4	11.7	-	11.8	12.1	12.4	-	12.5	12.7	13.1	-	13.1	13.4	13.8	-	13.1	13.4	13.8	-	13.1	13.4	13.8	-				
	Hi PR	232	249	263	-	260	280	296	-	296	318	336	-	337	363	383	-	379	408	431	-	419	451	476	-	419	451	476	-	419	451	476	-				
	Lo PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-	134	143	156	-	134	143	156	-				
1079		31.7	32.8	36.0	-	30.9	32.1	35.1	-	30.2	31.3	34.3	-	29.5	30.5	33.5	-	28.0	29.0	31.8	-	25.9	26.9	29.4	-	25.9	26.9	29.4	-	25.9	26.9	29.4	-				
	Mb/h	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-				
	kW	2.27	2.32	2.39	-	2.44	2.49	2.57	-	2.59	2.64	2.73	-	2.72	2.78	2.87	-	2.83	2.89	2.99	-	2.93	2.99	3.09	-	2.93	2.99	3.09	-	2.93	2.99	3.09	-				
	Amps	9.4	9.6	9.9	-	10.1	10.3	10.6	-	10.8	11.1	11.4	-	11.5	11.8	12.1	-	12.2	12.4	12.8	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-				
	Hi PR	225	242	256	-	252	272	287	-	287	309	326	-	327	352	371	-	368	396	418	-	406	437	462	-	406	437	462	-	406	437	462	-				
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	139	151	-	130	139	151	-	130	139	151	-				

75	MBh	35.9	37.0	40.1	43.0	35.1	36.1	39.1	42.0	34.3	35.3	38.2	41.0	33.4	34.4	37.3	40.0	31.8	32.7	35.4	38.0	29.4	30.3	32.8	35.2	29.4	30.3	32.8	35.2	29.4	30.3	32.8	35.2	29.4	30.3	32.8	35.2
	S/T	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.96	0.85	0.65	0.42	0.99	0.88	0.67	0.43	1.00	0.92	0.69	0.45	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45	1.00	0.92	0.70	0.45
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	21	20	16	11	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11
	kW	2.36	2.41	2.48	2.56	2.54	2.59	2.67	2.76	2.70	2.75	2.84	2.93	2.83	2.90	2.99	3.09	2.95	3.02	3.12	3.22	3.05	3.12	3.23	3.33	3.05	3.12	3.23	3.33	3.05	3.12	3.23	3.33	3.05	3.12	3.23	3.33
	Amps	9.8	10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.0	12.3	12.6	13.1	12.7	13.0	13.4	13.8	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6	13.4	13.7	14.1	14.6
	Hi PR	237	255	269	280	265	286	302	315	302	325	343	358	344	370	391	407	387	416	439	458	427	460	486	506	427	460	486	506	427	460	486	506	427	460	486	506
	Lo PR	110	117	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	137	146	159	169	137	146	159	169	137	146	159	169
	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.8	32.5	33.4	36.2	38.8	30.8	31.8	34.4	36.9	28.6	29.4	31.8	34.2	28.6	29.4	31.8	34.2	28.6	29.4	31.8	34.2	28.6	29.4	31.8	34.2
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.87	0.66	0.42	0.98	0.88	0.67	0.43	0.98	0.88	0.67	0.43	0.98	0.88	0.67	0.43	0.98	0.88	0.67	0.43
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11
	kW	2.34	2.39	2.46	2.54	2.52	2.57	2.65	2.74	2.67	2.73	2.82	2.91	2.81	2.87	2.97	3.06	2.93	2.99	3.09	3.19	3.03	3.10	3.20	3.31	3.03	3.10	3.20	3.31	3.03	3.10	3.20	3.31	3.03	3.10	3.20	3.31

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																		115°F																	
				65°F						75°F						85°F						95°F						105°F						115°F					
				ENTERING INDOOR WET BULB TEMPERATURE																		95°F						105°F						115°F					
1381		MBh	36.6	37.4	39.9	42.7	35.7	36.5	39.0	41.7	34.9	35.6	38.1	40.7	34.0	34.8	37.1	39.7	32.3	33.0	35.3	37.7	29.9	30.6	32.7	34.9													
		S/T	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.65													
		ΔT	24	23	20	16	24	23	20	16	23	24	20	16	23	23	23	20	16	22	22	20	16	20	20	19	15												
		kW	2.38	2.43	2.50	2.58	2.56	2.61	2.70	2.78	2.72	2.78	2.87	2.96	2.86	2.92	3.02	3.12	2.98	3.04	3.14	3.25	3.08	3.15	3.25	3.36													
		Amps	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.1	12.4	12.7	13.2	12.8	13.1	13.5	13.9	13.5	13.8	14.2	14.7													
		Hi PR	239	257	271	283	268	288	305	318	305	328	346	361	347	374	395	412	391	420	444	463	432	465	490	512													
		Lo PR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171													
		1230		MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.0	33.8	36.1	38.6	31.4	32.1	34.3	36.6	29.1	29.7	31.7	33.9											
				S/T	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62											
				ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	17	22	22	20	16											
kW	2.36			2.41	2.48	2.56	2.54	2.59	2.67	2.76	2.70	2.75	2.84	2.93	2.83	2.90	2.99	3.09	2.95	3.02	3.12	3.22	3.05	3.12	3.23	3.33													
Amps	9.8			10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.0	12.3	12.6	13.1	12.7	13.0	13.4	13.8	13.4	13.7	14.1	14.6													
Hi PR	237			255	269	280	265	286	302	315	302	325	343	358	344	370	391	408	387	416	440	458	427	460	486	507													
Lo PR	110			117	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169													
1079				MBh	32.8	33.5	35.8	38.3	32.0	32.7	35.0	37.4	31.3	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.0	29.6	31.6	33.8	26.8	27.4	29.3	31.3											
				S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	0.99	0.93	0.76	0.57	1.03	0.97	0.79	0.59	1.04	0.98	0.79	0.59											
				ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16											
		kW	2.30	2.35	2.42	2.50	2.48	2.53	2.61	2.69	2.63	2.69	2.77	2.86	2.76	2.82	2.92	3.01	2.88	2.94	3.04	3.14	2.98	3.04	3.14	3.25													
		Amps	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.1	11.0	11.3	11.6	12.0	11.7	12.0	12.3	12.7	12.4	12.6	13.0	13.5	13.0	13.3	13.7	14.2													
		Hi PR	229	247	261	272	257	277	293	305	293	315	333	347	334	359	379	395	375	404	426	445	415	446	471	491													
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	123	130	142	152	128	137	149	159	133	141	154	164													
		1381		MBh	37.2	37.9	39.7	42.4	36.4	37.1	38.8	41.4	35.5	36.2	37.9	40.4	34.6	35.3	37.0	39.4	32.9	33.5	35.1	37.5	30.5	31.1	32.5	34.7											
				S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.80	1.00	1.00	0.83	0.63	1.00	1.00	0.83	0.64											
				ΔT	25	25	24	21	24	25	24	21	24	24	24	21	23	24	24	21	22	22	23	21	20	21	22	19											
kW	2.40			2.45	2.52	2.60	2.58	2.63	2.72	2.81	2.74	2.80	2.89	2.98	2.88	2.94	3.04	3.14	3.00	3.07	3.17	3.27	3.11	3.17	3.28	3.39													
Amps	10.0			10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.5	11.7	12.1	12.5	12.2	12.5	12.8	13.3	12.9	13.2	13.6	14.1	13.6	13.9	14.3	14.8													
Hi PR	241			260	274	286	271	291	308	321	308	331	350	365	351	377	399	416	395	425	448	468	436	469	495	517													
Lo PR	112			119	130	138	118	126	137	146	123	131	142	152	129	137	150	159	135	144	157	167	140	149	162	173													
1230				MBh	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.5	35.1	36.8	39.2	33.6	34.3	35.9	38.3	31.9	32.6	34.1	36.4	29.6	30.2	31.6	33.7											
				S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80											
				ΔT	27	26	25	21	26	27	25	22	26	26	25	22	25	26	25	22	24	24	25	22	22	23	23	20											
		kW	2.38	2.43	2.50	2.58	2.56	2.61	2.70	2.78	2.72	2.78	2.87	2.96	2.86	2.92	3.02	3.12	2.98	3.04	3.14	3.25	3.08	3.15	3.25	3.36													
		Amps	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.1	12.4	12.7	13.2	12.8	13.1	13.5	13.9	13.5	13.8	14.2	14.7													
		Hi PR	239	257	271	283	268	288	305	318	305	328	346	361	347	374	395	412	391	420	444	463	432	465	490	512													
		Lo PR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171													
		1079		MBh	33.4	34.0	35.6	38.0	32.6	33.2	34.8	37.1	31.8	32.4	34.0	36.2	31.0	31.6	33.1	35.3	29.5	30.0	31.5	33.6	27.3	27.8	29.1	31.1											
				S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77											
				ΔT	27	27	25	22	27	27	25	22	27	27	25	22	26	27	26	22	25	26	25	22	23	24	24	20											
kW	2.32			2.37	2.44	2.52	2.50	2.55	2.63	2.71	2.65	2.71	2.79	2.89	2.79	2.85	2.94	3.04	2.90	2.97	3.06	3.17	3.00	3.07	3.17	3.28													
Amps	9.7			9.9	10.1	10.5	10.3	10.5	10.9	11.2	11.1	11.4	11.7	12.1	11.8	12.0	12.4	12.8	12.5	12.7	13.1	13.6	13.1	13.4	13.8	14.3													
Hi PR	232			249	263	275	260	280	295	308	296	318	336	351	337	362	383	399	379	408	431	449	419	451	476	496													
Lo PR	107			114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166													

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.
Shaded area reflects AHRI (TVA) conditions
kW = Total system power
Amps = outdoor unit amps (comp.+fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																			
				65°F						75°F						85°F						95°F						105°F						115°F					
				ENTERING INDOOR WET BULB TEMPERATURE																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
70	1488	MBh	39.4	40.8	44.7	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	36.6	38.0	41.6	-	34.8	36.1	39.5	-	32.3	33.4	36.6	-	32.3	33.4	36.6	-									
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-									
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-									
		kW	2.69	2.75	2.83	-	2.89	2.96	3.05	-	3.07	3.14	3.24	-	3.23	3.30	3.40	-	3.36	3.43	3.55	-	3.48	3.55	3.67	-	3.48	3.55	3.67	-									
		Amps	13.0	13.2	13.6	-	13.8	14.1	14.4	-	14.8	15.1	15.5	-	15.6	15.9	16.3	-	16.4	16.7	17.2	-	17.2	17.6	18.0	-	17.2	17.6	18.0	-									
		Hi PR	240	259	273	-	270	290	306	-	307	330	348	-	349	376	397	-	393	423	446	-	434	467	493	-	434	467	493	-									
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-	133	142	155	-									
70	1326	MBh	38.3	39.6	43.4	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	35.6	36.9	40.4	-	33.8	35.0	38.4	-	31.3	32.5	35.6	-	31.3	32.5	35.6	-									
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-									
		ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-									
		kW	2.67	2.73	2.81	-	2.87	2.93	3.02	-	3.05	3.11	3.21	-	3.20	3.27	3.38	-	3.33	3.41	3.52	-	3.45	3.52	3.64	-	3.45	3.52	3.64	-									
		Amps	12.9	13.2	13.5	-	13.7	14.0	14.3	-	14.7	14.9	15.3	-	15.5	15.8	16.2	-	16.3	16.6	17.1	-	17.1	17.4	17.9	-	17.1	17.4	17.9	-									
		Hi PR	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	462	488	-	430	462	488	-									
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	154	-	132	141	154	-									
1163	1163	MBh	35.3	36.6	40.1	-	34.5	35.7	39.2	-	33.7	34.9	38.2	-	32.8	34.0	37.3	-	31.2	32.3	35.4	-	28.9	30.0	32.8	-	28.9	30.0	32.8	-									
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-									
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-									
		kW	2.61	2.66	2.75	-	2.80	2.86	2.95	-	2.97	3.04	3.13	-	3.13	3.19	3.29	-	3.25	3.32	3.43	-	3.36	3.44	3.55	-	3.36	3.44	3.55	-									
		Amps	12.6	12.9	13.2	-	13.4	13.7	14.0	-	14.3	14.6	15.0	-	15.1	15.4	15.8	-	15.9	16.2	16.7	-	16.7	17.0	17.5	-	16.7	17.0	17.5	-									
		Hi PR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-	417	449	474	-									
		Lo PR	103	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	128	136	149	-									

75	AIRFLOW	40.1	41.3	44.7	47.9	39.1	40.3	43.6	46.8	38.2	39.3	42.6	45.7	37.3	38.4	41.5	44.6	35.4	36.5	39.5	42.3	32.8	33.8	36.6	39.2	32.8	33.8	36.6	39.2	32.8	33.8	36.6	39.2
	MBh	40.1	41.3	44.7	47.9	39.1	40.3	43.6	46.8	38.2	39.3	42.6	45.7	37.3	38.4	41.5	44.6	35.4	36.5	39.5	42.3	32.8	33.8	36.6	39.2	32.8	33.8	36.6	39.2	32.8	33.8	36.6	39.2
	S/T	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10	20	18	15	10
	1488	2.71	2.77	2.86	2.95	2.92	2.98	3.07	3.17	3.10	3.16	3.26	3.37	3.26	3.33	3.43	3.54	3.39	3.46	3.58	3.69	3.51	3.58	3.70	3.82	3.51	3.58	3.70	3.82	3.51	3.58	3.70	3.82
	Amps	13.1	13.3	13.7	14.1	13.9	14.2	14.6	15.0	14.9	15.2	15.6	16.0	15.7	16.0	16.4	17.0	16.5	16.9	17.3	17.9	17.3	17.7	18.2	18.8	16.5	16.9	17.3	17.9	17.3	17.7	18.2	18.8
	Hi PR	243	261	276	288	272	293	309	323	310	333	352	367	353	380	401	418	397	427	451	470	438	472	498	520	397	427	451	470	438	472	498	520
	Lo PR	108	115	125	133	114	121	132	141	118	126	138	146	124	132	144	154	130	139	151	161	135	143	157	167	135	143	157	167	135	143	157	167
	1326	38.9	40.0	43.4	46.5	38.0	39.1	42.3	45.4	37.1	38.2	41.3	44.4	36.2	37.3	40.3	43.3	34.4	35.4	38.3	41.1	31.8	32.8	35.5	38.1	31.8	32.8	35.5	38.1	31.8	32.8	35.5	38.1
	S/T	0.81	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40	0.92	0.83	0.63	0.40	0.92	0.83	0.63	0.40

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																		115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
80	1488	MBh	40.8	41.7	44.5	47.6	39.8	40.7	43.5	46.5	38.9	39.7	42.4	45.4	37.9	38.8	41.4	44.3	36.0	36.8	39.3	42.1	33.4	34.1	36.4	39.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

IDB		AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																																															
				65°F								75°F								85°F								95°F								105°F								115°F							
				ENTERING INDOOR WET BULB TEMPERATURE																																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
1791	MBh	46.2	47.9	52.5	-	45.1	46.8	51.2	-	44.1	45.7	50.0	-	43.0	44.5	48.8	-	40.8	42.3	46.4	-	37.8	39.2	42.9	-	37.8	39.2	42.9	-	37.8	39.2	42.9	-																		
	S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-																		
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-																		
	kW	3.17	3.24	3.34	-	3.42	3.49	3.60	-	3.63	3.71	3.83	-	3.82	3.91	4.04	-	3.98	4.07	4.21	-	4.12	4.22	4.36	-	4.12	4.22	4.36	-	4.12	4.22	4.36	-																		
	Amps	15.0	15.3	15.7	-	15.9	16.2	16.7	-	17.0	17.4	17.9	-	18.0	18.4	18.9	-	19.0	19.4	19.9	-	19.9	20.3	20.9	-	19.9	20.3	20.9	-	19.9	20.3	20.9	-																		
	Hi PR	262	282	298	-	294	317	335	-	335	360	380	-	381	410	433	-	429	462	488	-	474	510	539	-	474	510	539	-	474	510	539	-																		
	Lo PR	113	120	131	-	120	127	139	-	124	132	144	-	130	139	152	-	137	145	159	-	141	150	164	-	141	150	164	-	141	150	164	-																		
1596	MBh	44.9	46.5	50.9	-	43.8	45.4	49.8	-	42.8	44.3	48.6	-	41.7	43.2	47.4	-	39.6	41.1	45.0	-	36.7	38.1	41.7	-	36.7	38.1	41.7	-	36.7	38.1	41.7	-																		
	S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-																		
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-																		
	kW	3.15	3.21	3.32	-	3.39	3.46	3.57	-	3.60	3.68	3.80	-	3.79	3.87	4.00	-	3.95	4.04	4.17	-	4.09	4.18	4.32	-	4.09	4.18	4.32	-	4.09	4.18	4.32	-																		
	Amps	14.9	15.1	15.5	-	15.8	16.1	16.6	-	16.9	17.3	17.7	-	17.9	18.2	18.7	-	18.8	19.2	19.8	-	19.8	20.2	20.8	-	19.8	20.2	20.8	-	19.8	20.2	20.8	-																		
	Hi PR	260	280	295	-	291	314	331	-	331	357	377	-	378	406	429	-	425	457	483	-	469	505	533	-	469	505	533	-	469	505	533	-																		
	Lo PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	163	-	140	149	163	-	140	149	163	-																		
1400	MBh	41.4	42.9	47.0	-	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	36.6	37.9	41.5	-	33.9	35.1	38.5	-	33.9	35.1	38.5	-	33.9	35.1	38.5	-																		
	S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-																		
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-																		
	kW	3.07	3.14	3.24	-	3.31	3.38	3.49	-	3.51	3.59	3.71	-	3.70	3.78	3.90	-	3.85	3.94	4.07	-	3.99	4.08	4.21	-	3.99	4.08	4.21	-	3.99	4.08	4.21	-																		
	Amps	14.5	14.8	15.2	-	15.5	15.8	16.2	-	16.5	16.9	17.3	-	17.5	17.8	18.3	-	18.4	18.8	19.3	-	19.3	19.7	20.3	-	19.3	19.7	20.3	-	19.3	19.7	20.3	-																		
	Hi PR	252	271	286	-	283	304	321	-	322	346	365	-	366	394	416	-	412	443	468	-	455	490	517	-	455	490	517	-	455	490	517	-																		
	Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	153	-	136	145	158	-	136	145	158	-	136	145	158	-																		

75	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	MBh	47.0	48.4	52.4	56.2	45.9	47.2	51.1	54.9	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	41.5	42.7	46.3	49.7	38.5	39.6	42.9	46.0	38.5	39.6	42.9	46.0	38.5	39.6	42.9	46.0
	S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45	1.00	0.91	0.69	0.45	1.00	0.91	0.69	0.45
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	21	20	16	11	20	19	15	11	20	19	15	11	20	19	15	11
	kW	3.20	3.27	3.37	3.48	3.45	3.52	3.63	3.75	3.66	3.74	3.87	3.99	3.85	3.94	4.07	4.21	4.02	4.11	4.24	4.39	4.16	4.25	4.39	4.54	4.16	4.25	4.39	4.54	4.16	4.25	4.39	4.54
	Amps	15.1	15.4	15.8	16.2	16.1	16.4	16.8	17.3	17.2	17.5	18.0	18.6	18.1	18.5	19.0	19.6	19.1	19.5	20.1	20.7	20.1	20.5	21.1	21.8	20.1	20.5	21.1	21.8	20.1	20.5	21.1	21.8
	Hi PR	265	285	301	314	297	320	338	352	338	364	384	401	385	415	438	457	433	466	492	514	479	515	544	568	479	515	544	568	479	515	544	568
	Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	143	152	166	177	143	152	166	177
	MBh	45.6	47.0	50.8	54.6	44.6	45.9	49.7	53.3	43.5	44.8	48.5	52.0	42.4	43.7	47.3	50.8	40.3	41.5	44.9	48.2	37.3	38.4	41.6	44.7	37.3	38.4	41.6	44.7	37.3	38.4	41.6	44.7
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.87	0.65	0.42	0.98	0.87	0.66	0.42	0.98	0.87	0.66	0.42	0.98	0.87	0.66	0.42

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																				115°F																																							
		65°F										75°F										85°F										95°F										105°F										115°F									
		ENTERING INDOOR WET BULB TEMPERATURE																																																											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																												
80	AIRFLOW	MBh	47.8	48.9	52.2	55.8	46.7	47.7	51.0	54.5	45.6	46.6	49.8	53.2	44.5	45.5	48.6	51.9	42.3	43.2	46.1	49.3	39.1	40.0	42.7	45.7	39.1	40.0	42.7	45.7	39.1	40.0	42.7	45.7																											
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.64																											
		ΔT	25	23	20	16	24	23	20	16	23	24	20	16	23	23	20	16	22	22	20	16	20	21	19	15	20	21	19	15	20	21	19	15																											
		kW	3.22	3.29	3.40	3.51	3.47	3.55	3.66	3.78	3.69	3.77	3.90	4.03	3.89	3.97	4.10	4.24	4.05	4.14	4.28	4.43	4.19	4.29	4.43	4.58	4.19	4.29	4.43	4.58	4.19	4.29	4.43	4.58																											
		Amps	15.2	15.5	15.9	16.4	16.2	16.5	16.9	17.4	17.3	17.7	18.1	18.7	18.3	18.7	19.2	19.8	19.3	19.7	20.2	20.9	20.2	20.7	21.3	22.0	20.2	20.7	21.3	22.0	20.2	20.7	21.3	22.0																											
		Hi PR	268	288	304	317	300	323	341	356	342	368	388	405	389	419	442	461	438	471	497	519	484	520	550	573	484	520	550	573	484	520	550	573																											
1596	Lo PR	115	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	148	162	173	144	154	168	179	144	154	168	179	144	154	168	179																												
		MBh	46.4	47.4	50.7	54.2	45.3	46.3	49.5	52.9	44.3	45.2	48.3	51.7	43.2	44.1	47.1	50.4	41.0	41.9	44.8	47.9	38.0	38.8	41.5	44.4	38.0	38.8	41.5	44.4	38.0	38.8	41.5	44.4																											
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61																											
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	20	16	22	22	20	16	22	22	20	16																											
		kW	3.20	3.27	3.37	3.48	3.45	3.52	3.63	3.75	3.66	3.74	3.87	3.99	3.86	3.94	4.07	4.21	4.02	4.11	4.24	4.39	4.16	4.25	4.40	4.54	4.16	4.25	4.40	4.54	4.16	4.25	4.40	4.54																											
		Amps	15.1	15.4	15.8	16.2	16.1	16.4	16.8	17.3	17.2	17.5	18.0	18.6	18.1	18.5	19.0	19.6	19.1	19.5	20.1	20.7	20.1	20.5	21.1	21.8	20.1	20.5	21.1	21.8	20.1	20.5	21.1	21.8																											
1400	Hi PR	265	285	301	314	297	320	338	353	338	364	384	401	385	415	438	457	433	466	493	514	479	515	544	568	479	515	544	568	479	515	544	568																												
	Lo PR	114	122	133	141	121	128	140	149	125	134	146	155	132	140	153	163	138	147	160	171	143	152	166	177	143	152	166	177	143	152	166	177																												
		MBh	42.9	43.8	46.8	50.0	41.9	42.8	45.7	48.8	40.9	41.8	44.6	47.7	39.9	40.7	43.5	46.5	37.9	38.7	41.3	44.2	35.1	35.8	38.3	40.9	35.1	35.8	38.3	40.9	35.1	35.8	38.3	40.9																											
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59	1.03	0.97	0.79	0.59	1.03	0.97	0.79	0.59																											
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16	24	23	20	16	24	23	20	16																											
		kW	3.12	3.19	3.29	3.39	3.36	3.43	3.54	3.66	3.57	3.65	3.77	3.89	3.76	3.84	3.97	4.10	3.92	4.00	4.14	4.28	4.05	4.14	4.28	4.43	4.05	4.14	4.28	4.43	4.05	4.14	4.28	4.43																											
1400	Amps	14.8	15.0	15.4	15.9	15.7	16.0	16.4	16.9	16.8	17.1	17.6	18.1	17.7	18.1	18.6	19.2	18.7	19.1	19.6	20.2	19.6	20.0	20.6	21.3	19.6	20.0	20.6	21.3	19.6	20.0	20.6	21.3																												
	Hi PR	257	277	292	305	289	310	328	342	328	353	373	389	374	402	425	443	420	452	478	498	465	500	528	551	465	500	528	551	465	500	528	551																												
	Lo PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	147	161	171	139	147	161	171	139	147	161	171																												
	85	MBh	48.7	49.6	51.9	55.4	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.5	43.0	43.8	45.9	49.0	39.8	40.6	42.5	45.4	39.8	40.6	42.5	45.4	39.8	40.6	42.5	45.4																											
			S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.83	1.00	1.00	0.83	1.00	1.00	0.83	1.00	0.83																											
			ΔT	25	25	24	21	24	25	24	21	24	24	24	21	23	24	24	21	22	22	24	21	20	21	22	19	20	21	22	19	20	21	22	19																										
		kW	3.25	3.32	3.42	3.54	3.50	3.58	3.69	3.81	3.72	3.81	3.93	4.06	3.92	4.01	4.14	4.28	4.09	4.18	4.32	4.46	4.23	4.33	4.47	4.62	4.23	4.33	4.47	4.62	4.23	4.33	4.47	4.62																											
		Amps	15.3	15.6	16.0	16.5	16.3	16.6	17.1	17.6	17.4	17.8	18.3	18.9	18.4	18.8	19.3	19.9	19.4	19.8	20.4	21.0	20.4	20.8	21.4	22.1	20.4	20.8	21.4	22.1	20.4	20.8	21.4	22.1																											
		Hi PR	270	291	307	320	303	327	345	360	345	371	392	409	393	423	447	466	442	476	502	524	489	526	555	579	489	526	555	579	489	526	555	579																											
1596	Lo PR	117	124	135	144	123	131	143	152	128	136	149	158	134	143	156	166	141	150	164	174	146	155	169	180	146	155	169	180	146	155	169	180																												
		MBh	47.2	48.2	50.4	53.8	46.1	47.0	49.3	52.6	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.0	41.7	42.6	44.6	47.5	38.7	39.4	41.3	44.0	38.7	39.4	41.3	44.0	38.7	39.4	41.3	44.0																											
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.79																											
		ΔT	27	26	25	21	27	26	25	22	26	26	25	22	25	26	25	22	24	25	25	22	22	23	23	20	22	23	23	20	22	23	20	22																											
		kW	3.22	3.29	3.40	3.51	3.47	3.55	3.66	3.78	3.69	3.77	3.90	4.03	3.89	3.97	4.10	4.24	4.05	4.14	4.28	4.43	4.19	4.29	4.43	4.58	4.19	4.29	4.43	4.58	4.19	4.29	4.43	4.58																											
		Amps	15.2	15.5	15.9	16.4	16.2	16.5	16.9	17.4	17.3	17.7	18.1	18.7	18.3	18.7	19.2	19.8	19.3	19.7	20.2	20.9	20.2	20.7	21.3	22.0	20.2	20.7	21.3	22.0	20.2	20.7	21.3	22.0																											
1400	Hi PR	268	288	304	317	300	323	341	356	342	368	388	405	389	419	442	461	438	471	497	519	484	520	550	573	484	520	550	573	484	520	550	573																												
	Lo PR	115	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	148	162	173	144	154	168	179	144	154	168	179	144	154	168	179																												
		MBh	43.6	44.4	46.5	49.7	42.6	43.4	45.5	48.5	41.6	42.4	44.4	47.3	40.6	41.3	43.3	46.2	38.5	39.3	41.1	43.9	35.7	36.4	38.1	40.7	35.7	36.4	38.1	40.7	35.7	36.4	38.1	40.7																											
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.76																											
		ΔT	27	27	25	22																																																							

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	1898	MBh	54.8	56.8	62.2	-	53.5	55.5	60.8	-	52.2	54.2	59.3	-	51.0	52.8	57.9	-	48.4	50.2	55.0	-	44.9	46.5	50.9	-	44.9	46.5	50.9	-							
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-							
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-							
		kW	3.78	3.86	3.99	-	4.08	4.17	4.30	-	4.34	4.44	4.58	-	4.57	4.67	4.83	-	4.77	4.88	5.04	-	4.94	5.05	5.22	-	4.94	5.05	5.22	-							
		Amps	17.3	17.7	18.2	-	18.5	18.9	19.4	-	19.9	20.3	20.9	-	21.1	21.5	22.2	-	22.3	22.8	23.5	-	23.5	24.0	24.7	-	23.5	24.0	24.7	-							
		Hi PR	255	274	289	-	286	307	325	-	325	350	369	-	370	398	420	-	416	448	473	-	460	495	523	-	460	495	523	-							
		Lo PR	108	115	125	-	114	121	132	-	119	126	138	-	125	132	145	-	130	139	152	-	135	144	157	-	135	144	157	-							
70	1691	MBh	53.2	55.1	60.4	-	52.0	53.9	59.0	-	50.7	52.6	57.6	-	49.5	51.3	56.2	-	47.0	48.7	53.4	-	43.5	45.1	49.5	-	43.5	45.1	49.5	-							
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-							
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-							
		kW	3.75	3.83	3.96	-	4.05	4.13	4.27	-	4.31	4.40	4.55	-	4.53	4.64	4.79	-	4.73	4.83	5.00	-	4.90	5.01	5.18	-	4.90	5.01	5.18	-							
		Amps	17.2	17.5	18.0	-	18.4	18.8	19.3	-	19.7	20.2	20.7	-	20.9	21.4	22.0	-	22.1	22.6	23.3	-	23.3	23.8	24.5	-	23.3	23.8	24.5	-							
		Hi PR	252	271	286	-	283	304	321	-	322	346	365	-	366	394	416	-	412	443	468	-	455	490	517	-	455	490	517	-							
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-							
1483		MBh	49.1	50.9	55.8	-	48.0	49.7	54.5	-	46.8	48.5	53.2	-	45.7	47.3	51.9	-	43.4	45.0	49.3	-	40.2	41.7	45.6	-	40.2	41.7	45.6	-							
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-							
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-							
		kW	3.66	3.74	3.86	-	3.95	4.03	4.16	-	4.20	4.29	4.43	-	4.42	4.52	4.67	-	4.61	4.71	4.87	-	4.77	4.88	5.04	-	4.77	4.88	5.04	-							
		Amps	16.8	17.1	17.6	-	17.9	18.3	18.8	-	19.3	19.7	20.2	-	20.4	20.9	21.5	-	21.6	22.0	22.7	-	22.7	23.2	23.9	-	22.7	23.2	23.9	-							
		Hi PR	244	263	278	-	274	295	312	-	312	336	354	-	355	382	404	-	400	430	454	-	442	475	502	-	442	475	502	-							
		Lo PR	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-	130	138	151	-							

75	1898	MBh	55.7	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.6	51.8	53.4	57.8	62.0	49.2	50.7	54.9	58.9	45.6	47.0	50.8	54.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.85	0.64	0.41	0.95	0.85	0.65	0.41
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		kW	3.81	3.90	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.48	4.62	4.78	4.61	4.71	4.87	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.27	5.45
		Amps	17.5	17.8	18.3	18.9	18.7	19.1	19.6	20.2	20.1	20.5	21.1	21.8	21.3	21.7	22.4	23.1	22.5	23.0	23.7	24.5	23.7	24.2	24.9	25.8
		Hi PR	257	277	292	305	288	310	328	342	328	353	373	389	374	402	425	443	420	452	478	498	465	500	528	551
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	1691	MBh	54.1	55.7	60.3	64.7	52.8	54.4	58.9	63.2	51.6	53.1	57.5	61.7	50.3	51.8	56.1	60.2	47.8	49.2	53.3	57.2	44.3	45.6	49.4	53.0
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11
kW		3.78	3.87	3.99	4.12	4.08	4.17	4.31	4.45	4.34	4.44	4.58	4.74	4.57	4.68	4.83	5.00	4.77	4.88	5.04	5.21	4.94	5.05	5.22	5.40	
Amps		17.3	17.7	18.2	18.8	18.5	18.9	19.4	20.1	19.9	20.3	20.9	21.6	21.1	21.6	22.2	22.9	22.3	22.8	23.5	24.3	23.5	24.0	24.7	25.6	
Hi PR		255	274	289	302	286	307	325	339	325	350	369	385	370	398	420	439	416	448	473	493	460	495	523	545	
Lo PR		108	115	125	134	114	121	132	141	119	126	138	147	125	132	145	154	131	139	152	161	135	144	157	167	
1483	MBh	49.9	51.4	55.6	59.7	48.8	50.2	54.4	58.3	47.6	49.0	53.1	56.9	46.5	47.8	51.8	55.6	44.1	45.4	49.2	52.8	40.9	42.1	45.6	48.9	
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12	
	kW	3.69	3.77	3.89	4.02	3.98	4.07	4.20	4.34	4.23	4.33	4.47	4.62	4.46	4.56	4.71	4.87	4.65	4.75	4.91	5.08	4.81	4.92	5.09	5.26	
	Amps	16.9	17.3	17.7	18.3	18.1	18.5	19.0	19.6	19.4	19.8	20.4	21.1	20.6	21.0	21.6	22.4	21.7	22.2	22.9	23.6	22.9	23.4	24.1	24.9	
	Hi PR	247	266	281	293	277	298	315	328	315	339	358	373	359	386	408	425	404	435	459	479	446	480	501	529	
	Lo PR	105	111	122	130	111	119	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162	

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	56.7	58.0	61.9	66.2	55.4	56.6	60.5	64.6	54.1	55.3	59.0	63.1	52.8	53.9	57.6	61.6	50.1	51.2	54.7	58.5	46.4	47.4	50.7	54.2
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	24	25	21	17	22	23	20	16
	kW	3.85	3.93	4.06	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.82	4.65	4.75	4.91	5.08	4.85	4.96	5.13	5.30	5.02	5.14	5.31	5.50
	Amps	17.6	18.0	18.5	19.1	18.8	19.2	19.8	20.4	20.2	20.7	21.3	22.0	21.4	21.9	22.6	23.3	22.7	23.2	23.9	24.7	23.9	24.4	25.1	26.0
	Hi PR	260	279	295	308	291	314	331	345	331	357	377	393	377	406	429	447	425	457	483	503	469	505	533	556
	Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170
	MBh	55.1	56.3	60.1	64.3	53.8	55.0	58.7	62.8	52.5	53.6	57.3	61.3	51.2	52.3	55.9	59.8	48.7	49.7	53.1	56.8	45.1	46.1	49.2	52.6
	S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16
85	kW	3.81	3.90	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.48	4.62	4.78	4.61	4.71	4.87	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.27	5.45
	Amps	17.5	17.8	18.3	18.9	18.7	19.1	19.6	20.2	20.1	20.5	21.1	21.8	21.3	21.7	22.4	23.1	22.5	23.0	23.7	24.5	23.7	24.2	24.9	25.8
	Hi PR	257	277	292	305	289	310	328	342	328	353	373	389	374	402	425	443	420	452	478	498	465	500	528	551
	Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	50.8	51.9	55.5	59.3	49.6	50.7	54.2	57.9	48.5	49.5	52.9	56.6	47.3	48.3	51.6	55.2	44.9	45.9	49.0	52.4	41.6	42.5	45.4	48.6
	S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17
	kW	3.72	3.80	3.92	4.05	4.01	4.10	4.23	4.37	4.27	4.36	4.51	4.66	4.49	4.60	4.75	4.91	4.69	4.79	4.95	5.12	4.85	4.96	5.13	5.31
	Amps	17.1	17.4	17.9	18.5	18.2	18.6	19.1	19.8	19.6	20.0	20.6	21.3	20.8	21.2	21.8	22.5	21.9	22.4	23.1	23.8	23.1	23.6	24.3	25.1
	Hi PR	249	268	283	296	280	301	318	332	318	343	362	377	363	390	412	430	408	439	463	483	451	485	512	534
	Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
85	MBh	57.7	58.8	61.6	65.7	56.4	57.5	60.2	64.2	55.0	56.1	58.7	62.7	53.7	54.7	57.3	61.1	51.0	52.0	54.4	58.1	47.2	48.2	50.4	53.8
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
	ΔT	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	23	23	20
	kW	3.88	3.96	4.09	4.22	4.18	4.27	4.41	4.56	4.45	4.55	4.70	4.86	4.69	4.80	4.96	5.13	4.89	5.00	5.17	5.35	5.07	5.18	5.36	5.54
	Amps	17.7	18.1	18.6	19.2	19.0	19.4	19.9	20.6	20.4	20.8	21.4	22.1	21.6	22.1	22.7	23.5	22.8	23.3	24.0	24.9	24.1	24.6	25.3	26.2
	Hi PR	262	282	298	311	294	317	334	349	335	360	380	397	381	410	433	452	429	462	487	508	474	510	539	562
	Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	134	143	156	166	139	148	162	172
	MBh	56.0	57.1	59.8	63.8	54.7	55.8	58.4	62.3	53.4	54.5	57.0	60.8	52.1	53.1	55.6	59.4	49.5	50.5	52.9	56.4	45.9	46.7	49.0	52.2
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	22	25	25	24	21
85	kW	3.85	3.93	4.06	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.82	4.65	4.75	4.91	5.08	4.85	4.96	5.13	5.30	5.02	5.14	5.31	5.50
	Amps	17.6	18.0	18.5	19.1	18.8	19.2	19.8	20.4	20.2	20.7	21.3	22.0	21.4	21.9	22.6	23.3	22.7	23.2	23.9	24.7	23.9	24.4	25.1	26.0
	Hi PR	260	279	295	308	291	314	331	345	331	357	377	393	377	406	429	447	425	457	483	503	469	505	533	556
	Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170
	MBh	51.7	52.7	55.2	58.9	50.5	51.5	53.9	57.5	49.3	50.3	52.6	56.2	48.1	49.0	51.4	54.8	45.7	46.6	48.8	52.0	42.3	43.1	45.2	48.2
	S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
	ΔT	28	28	26	23	28	28	26	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
	kW	3.75	3.83	3.96	4.08	4.05	4.13	4.27	4.41	4.30	4.40	4.54	4.70	4.53	4.63	4.79	4.95	4.73	4.83	5.00	5.17	4.89	5.01	5.17	5.35
	Amps	17.2	17.5	18.0	18.6	18.4	18.8	19.3	19.9	19.7	20.2	20.7	21.4	20.9	21.4	22.0	22.7	22.1	22.6	23.3	24.0	23.3	23.8	24.5	25.3
	Hi PR	252	271	286	299	283	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	490	517	539
	Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects AHRI (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

MODEL	SPEED	VOLTS		E.S.P (IN. OF H ₂ O)								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
GPC1424M41*	T1	230	CFM	580	505	445	390	320	---	---	---	
			WATTS	36	46	54	60	65	---	---	---	
	T2/T3	230	CFM	900	850	800	740	655	605	555	490	420
			WATTS	92	101	110	119	126	135	140	145	153
	T4/T5	230	CFM	1230	1190	1140	1095	1040	990	920	850	785
			WATTS	202	212	220	233	235	243	249	262	265
GPC1430M41*	T1	230	CFM	---	550	475	415	340	270	---	---	---
			WATTS	---	50	59	66	74	77	---	---	---
	T2/T3	230	CFM	1070	1030	985	935	875	770	705	660	---
			WATTS	144	153	160	169	178	184	188	200	---
	T4/T5	230	CFM	1345	1305	1260	1220	1180	1125	1080	975	900
			WATTS	258	273	272	283	292	298	306	310	320
GPC1436M41*	T1	230	CFM	1070	1030	980	935	870	775	720	665	---
			WATTS	145	161	165	173	181	190	198	202	---
	T2/T3	230	CFM	1285	1245	1205	1165	1110	1060	1005	910	860
			WATTS	238	246	258	264	263	282	288	296	296
	T4/T5	230	CFM	1505	1465	1420	1385	1335	1300	1250	1205	1150
			WATTS	359	371	384	383	393	398	406	416	422
GPC1442M41*	T1	230	CFM	1035	995	945	895	845	790	695	630	580
			WATTS	132	144	152	157	168	176	183	189	196
	T2/T3	230	CFM	1410	1365	1330	1290	1250	1205	1155	1110	1065
			WATTS	301	312	316	322	331	339	347	356	365
	T4/T5	230	CFM	1545	1500	1465	1425	1385	1345	1310	1270	1225
			WATTS	390	396	413	417	421	431	435	443	453
GPC1448M41*	T1	230	CFM	1355	1300	1250	1210	1155	1110	1045	965	905
			WATTS	212	228	230	246	248	261	273	282	289
	T2/T3	230	CFM	1655	1610	1575	1530	1485	1440	1395	1340	1285
			WATTS	365	370	383	396	410	417	416	423	434
	T4/T5	230	CFM	1895	1855	1805	1770	1730	1685	1640	1600	1565
			WATTS	558	558	578	584	590	594	602	612	615
GPC1460M41*	T1	230	CFM	1360	1300	1260	1215	1175	1125	1085	1030	960
			WATTS	213	221	233	244	255	264	273	293	304
	T2/T3	230	CFM	1665	1630	1595	1555	1505	1475	1425	1380	1360
			WATTS	385	405	410	409	429	441	448	454	471
	T4/T5	230	CFM	2000	1960	1925	1875	1835	1800	1760	1725	1680
			WATTS	642	651	660	651	672	683	691	699	695

Notes

- Data shown is dry coil. Wet coil pressure drop is approximately 0.1" H₂O, for two-row indoor coil; 0.2" H₂O, for three-row indoor coil; and 0.3" H₂O, for four-row indoor coil.
- Data shown does not include filter pressure drop, approx. 0.08" H₂O.
- ALL MODELS SHOULD RUN NO LESS THAN 350 CFM/TON. USE HIGHER SPEED TAP OR NEXT SIZE LARGER BLOWER ASM. See Repair Parts list.
- Reduce airflow by 2% for 208-volt operation.

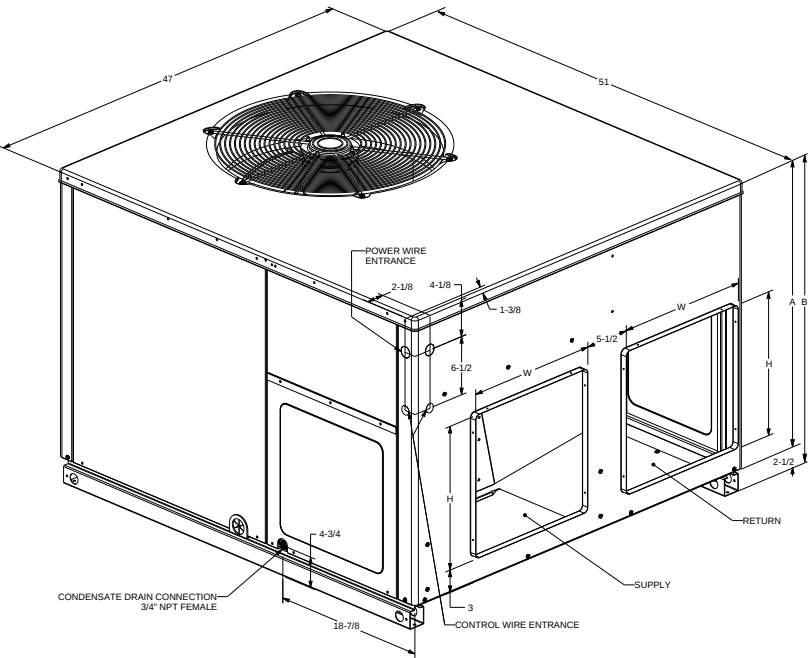
MODEL AND HEAT KIT USAGE	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL KW / BTU@ 240V
	MCA ¹	MOP ²	MCA ¹	MOP ²	MCA ¹	MOP ²	
GPC14240M41**	1.9	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	25	40	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	34 / 39	40 / 40	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	45 / 52	60 / 60	9.5 / 32,400
GPC1430M41**	1.9	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	29.6	35	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	34 / 41.3	40 / 45	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	45 / 54.4	60 / 60	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	66 / 79.1	70 / 80	14.25 / 48,600
GPC1436M41**	1.9	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	25	40	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	34 / 39	40 / 40	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	45 / 52	60 / 60	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	66 / 76	70 / 80	14.25 / 48,600
GPC1442M41**	1.9	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	25	40	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	34 / 39	40 / 40	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	45 / 52	60 / 60	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	66 / 76	70 / 80	14.25 / 48,600
GPC1448M41**	7.3	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	32	50	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	38 / 40	50	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	49 / 56	60 / 60	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	70 / 80	80 / 90	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	92 / 105	100 / 110	19.0 / 64,800
GPC1460M41**	9.5	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	42	60	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	42	60	7.0 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	51 / 58	60 / 60	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	72 / 82	80 / 90	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	93 / 107	100 / 110	19.0 / 64,800

¹ Minimum Circuit Ampacity @ 208 / 240 V² Maximum Overcurrent Protection Device @ 208 / 240 V

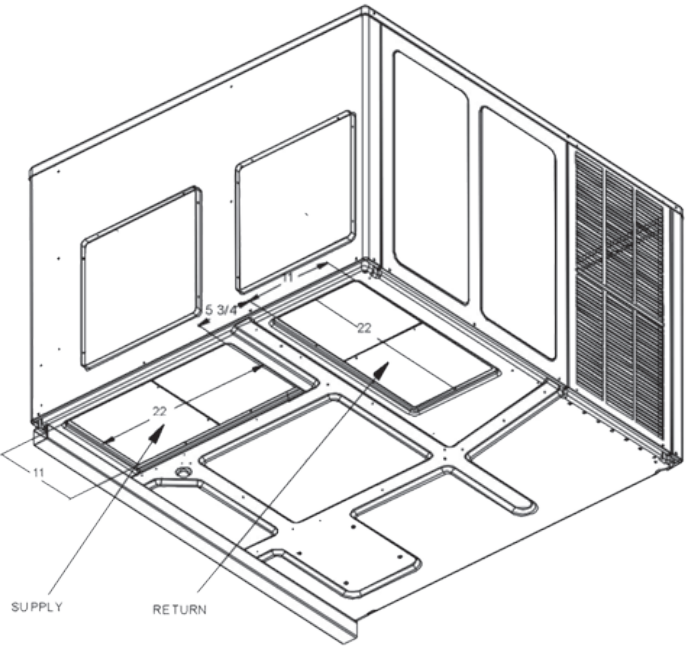
* Revision level that may or may not be designated

C Circuit breaker option

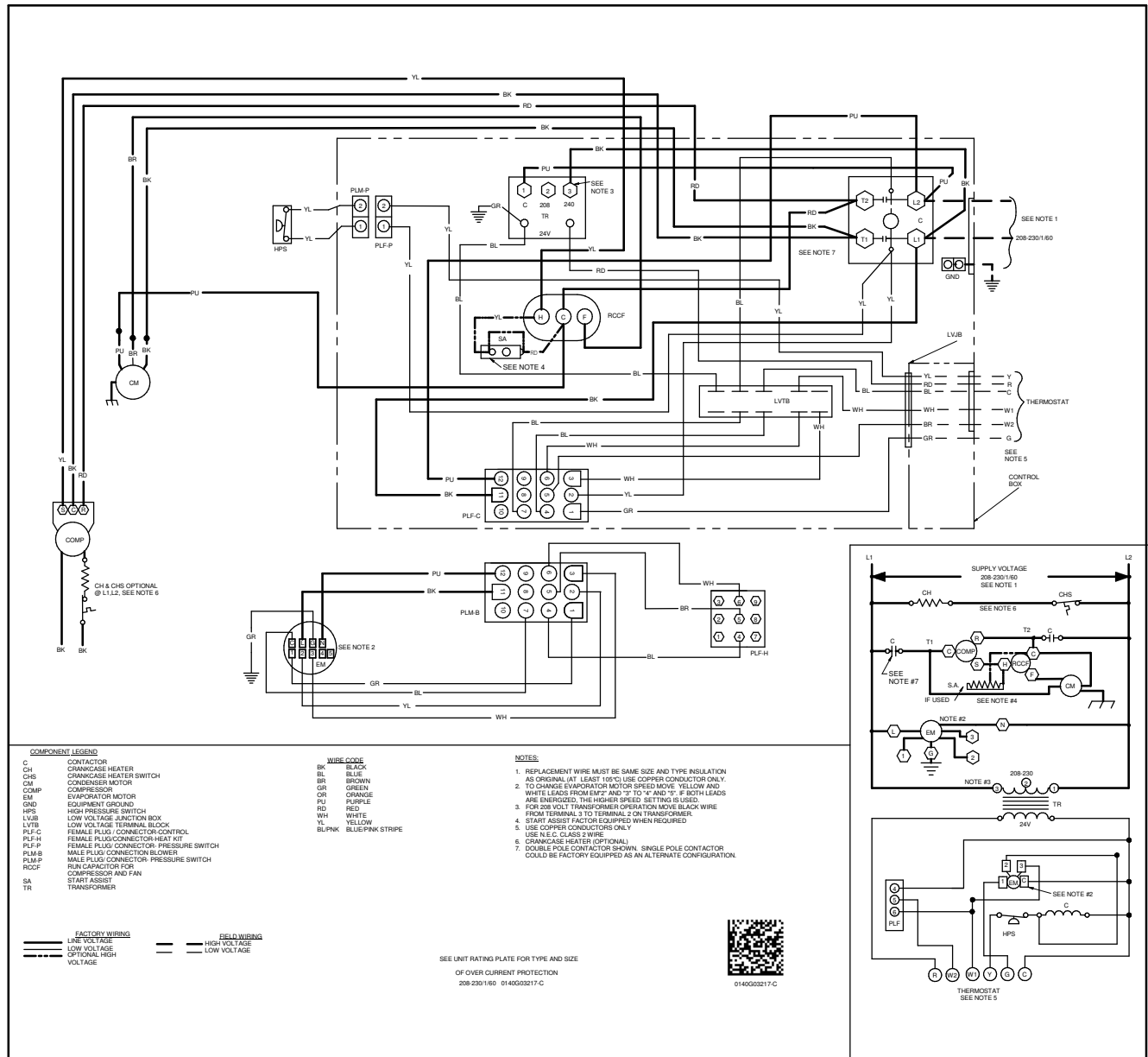
NOTE: HKP-15C* and HKP-20C* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.



MODEL	UNIT DIMENSIONS (INCHES)				CHASSIS SIZE
			HEIGHT		
	W	D	A	B	
GPC1424M41A*	47	51	32	34 1/2	Medium
GPC1430M41A*	47	51	32	34 1/2	Medium
GPC1436M41**	47	51	32	34 1/2	Medium
GPC1442M41A*	47	51	32	34 1/2	Medium
GPC1448M41A*	47	51	40	42 1/2	Large
GPC1460M41A*	47	51	40	42 1/2	Large



MODEL	DUCT OPENINGS			
	SUPPLY		RETURN	
	W	H	W	H
GPC1424M41A*	16	16	16	16
GPC1430M41A*	16	16	16	16
GPC1436M41**	16	16	16	16
GPC1442M41A*	16	16	16	16
GPC1448M41A*	16	18	16	18
GPC1460M41A*	16	18	16	18



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDICUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	GPJMED102	GPJMED103
Downflow Internal Filter Rack	DDNIFRPCHMM	DDNIFRPCHML
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRP101/102	SQRP103
Economizer Wiring Harness (2-4 Ton)	0259G00215	0259G00215
Economizer Wiring Harness (5 Ton)	N/A	0259L00411
External Horizontal Filter Rack	DPHFRA	DPHFRA
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	DHZECPJPGCHM	DHZECPJPGCHL
Horizontal Manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRP101/102	SQRP103
Inline Fuse Kit	INFKPKG01	INFKPKG01
Outdoor Thermostat & Emergency Heat Relay Kit	OT/EHR18-60	OT/EHR18-60
Outdoor Thermostat Kit w/ Lockout Stat	OT18-60A	OT18-60A
Roof Curb	D14CRBPGCHMA	D14CRBPGCHMA
Adjustable Roof Curb	2612ADJCURBGPM	2612ADJCURBGPM

SINGLE-POINT KIT ACCESSORY KITS

Select the single-point kit accessory based on the unit model.

MODEL	SINGLE-POINT KIT
GPC1424M41**	SPK-35
GPC1430M41**	SPK-35
GPC1436M41**	SPK-40
GPC1442M41**	SPK-45
GPC1448M41**	SPK-50
GPC1460M41**	SPK-70