



Air Conditioning & Heating

GSC COMMERCIAL

**SPLIT SYSTEM
AIR CONDITIONER**

GSC13: 3-5 TONS

GSC10: 7½ & 10 TONS

Standard Features

- Energy-efficient compressor
- Quiet operating top discharge
- High-efficiency copper tube/aluminum fin coil
- Brass liquid and suction service valves
- Factory-installed filter drier
- Contactor with lug connections
- Ground lug connection
- Complies with ASHRAE Standard 90.1
- ETL Listed

Cabinet Features

- Goodman® brand sound control top design
- Steel louver coil guard protects the coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Contents

Nomenclature	2
Product Specifications	3
Expanded Cooling Data	5
Dimensions	25
Wiring Diagram.....	26
Accessories	28



* Complete warranty details available from your local dealer or at www.goodmanmfg.com.



NOMENCLATURE

	G	S	C	10	120	3	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand							Engineering *		
G	Goodman® brand						Minor Revision		
Product Category							Engineering *		
S	Split System						Major Revision		
Unit Type							Electrical		
C	Condenser R-22						3 = 208/230 V, 3 Phase, 60 Hz		
H	Heat Pump R-22						4 = 460 V, 3 Phase, 60 Hz		
Efficiency							Nominal Capacity		
13	13 EER						036	3 Tons	090 7½ Tons
10	11 EER						048	4 Tons	120 10 Tons
							060	5 Tons	

* Neither used for order entry or inventory management.



GSC13 COMMERCIAL PRODUCT SPECIFICATIONS

	GSC13 0363B*	GSC13 0483B*	GSC13 0484B*	GSC13 0603B*	GSC13 0604B*
COOLING CAPACITIES					
Nominal Cooling (BTU/h)	40,792	48,000	45,500	60,000	55,500
SEER	13	13	13	13	13
Decibels	74	76	76	77	77
COMPRESSOR					
RLA / LRA	9 / 65.5	12.4 / 88	5.8 / 44	14.7 / 91	7.1/50
Type	Recip	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR					
Horsepower	1/6	1/4	1/4	1/4	1/4
FLA	1.1	1.5	0.8	1.5	0.8
Refrigeration System					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Charge	83	140	102	167	131
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat
ELECTRICAL DATA					
AC Volts/ Hz	208-230/ 60		460/ 60	208-230/ 60	460/ 60
Min. Circuit Ampacity ¹	12.4	17	8.0	19.9	9.7
Max. Overcurrent Device ²	20	20	15	30	15
Min / Max Volts	197/253	197/253	414/506	197/253	414/506
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
SHIP WEIGHT (LBS)	182	189	207	196	242

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

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

³ Installer will need to supply 3/4" to 3/8" adapters for suction line connections.

⁴ Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

GSC10 COMMERCIAL PRODUCT SPECIFICATIONS

	GSC10 0903A*	GSC10 0904AC	GSC10 1203A*	GSC10 1203B*	GSC10 1204B*
COOLING CAPACITIES					
Nominal Cooling (BTU/h)	87,000	87,000	109,000	114,000	109,000
EER/IEER	11.2/11.5	11.2/11.5	11.2/---	11.2/11.2	11.2/11.2
Decibels	84	84	84	84	84
COMPRESSOR					
RLA / LRA	25.6 / 196	12.8 / 100	30.1 / 225	30.1 / 225	15.5/ 114
Type	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR					
Horsepower	1	1	1	1	1
FLA	5.6	3.5	5.6	5.6	3.5
REFRIGERATION SYSTEM					
Liquid Valve Size ("O.D.)	5/8"	5/8"	5/8"	5/8"	5/8"
Suction Valve Size ("O.D.) (7½ tons)	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Suction Valve Size ("O.D.) (10 tons)	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
Refrigerant Charge	35	35	35	35	35
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat
ELECTRICAL DATA					
AC Volts/ Hz	208-230/ 60	460/ 60	208-230/ 60		460/ 60
Min. Circuit Ampacity ¹	37.6	19.5	43.2	43.2	22.9
Max. Overcurrent Device ²	60	30	70	70	35
Min / Max Volts	197/253	414/ 506	197/253	197/253	414/ 506
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	315	315	334	334	334

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

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

³ Installer will need to supply ¾" to 5/8" adapters for suction line connections.

⁴ Installer will need to supply 5/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 5/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED COOLING DATA — G5C130363B* / CA*F3636*6C*

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
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	
70	1100	MBh	32.6	33.8	37.0	-	31.9	33.0	36.2	-	31.1	32.2	35.3	-	30.3	31.4	34.4	-	28.8	29.9	32.7	-	26.7	27.7	30.3	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.34	2.38	2.45	-	2.49	2.54	2.61	-	2.62	2.67	2.75	-	2.74	2.79	2.87	-	2.84	2.89	2.98	-	2.93	2.98	3.07	-
		Amps	9.6	9.7	9.8	-	9.9	10.0	10.2	-	10.3	10.4	10.6	-	10.7	10.8	11.0	-	11.0	11.2	11.4	-	11.4	11.5	11.7	-
	1200	Hi PR	140	151	159	-	157	169	179	-	179	193	203	-	204	219	232	-	229	247	261	-	253	273	288	-
		Lo PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-
		MBh	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.6	32.7	35.8	-	30.8	31.9	35.0	-	29.3	30.3	33.2	-	27.1	28.1	30.8	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
1300	1200	kW	2.37	2.41	2.47	-	2.52	2.57	2.64	-	2.66	2.70	2.78	-	2.77	2.83	2.91	-	2.87	2.93	3.01	-	2.96	3.02	3.11	-
		Amps	9.6	9.7	9.9	-	10.0	10.1	10.3	-	10.4	10.5	10.7	-	10.8	10.9	11.1	-	11.1	11.3	11.5	-	11.5	11.6	11.9	-
		Hi PR	143	153	162	-	160	172	182	-	182	196	207	-	207	223	236	-	233	251	265	-	258	277	293	-
		Lo PR	61	65	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-
		MBh	33.4	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.0	36.2	-	31.1	32.2	35.3	-	29.6	30.6	33.6	-	27.4	28.4	31.1	-
	1300	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	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	2.37	2.42	2.48	-	2.53	2.57	2.64	-	2.66	2.71	2.79	-	2.78	2.83	2.91	-	2.88	2.94	3.02	-	2.97	3.03	3.11	-
		Amps	9.6	9.7	9.9	-	10.0	10.1	10.3	-	10.4	10.5	10.7	-	10.8	10.9	11.1	-	11.1	11.3	11.5	-	11.5	11.7	11.9	-
		Hi PR	143	154	163	-	161	173	182	-	183	196	207	-	208	224	236	-	234	252	266	-	258	278	294	-
Lo PR	61	65	71	-	64	68	75	-	67	71	78	-	70	75	81	-	74	78	85	-	76	81	88	-		

75	1100	MBh	33.2	34.1	37.0	39.7	32.4	33.4	36.1	38.7	31.6	32.6	35.2	37.8	30.9	31.8	34.4	36.9	29.3	30.2	32.7	35.1	27.1	28.0	30.3	32.5
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
		kW	2.36	2.40	2.46	2.53	2.51	2.55	2.62	2.70	2.64	2.69	2.77	2.85	2.76	2.81	2.89	2.98	2.86	2.92	3.00	3.09	2.95	3.00	3.09	3.18
		Amps	9.6	9.7	9.8	10.0	9.9	10.1	10.2	10.4	10.4	10.5	10.7	10.9	10.7	10.9	11.0	11.3	11.1	11.2	11.4	11.7	11.4	11.6	11.8	12.1
		Hi PR	142	152	161	168	159	171	181	188	181	195	205	214	206	222	234	244	232	249	263	275	256	275	291	303
		Lo PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	85	90	75	80	87	93
		MBh	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.1	35.8	38.4	31.3	32.2	34.9	37.5	29.8	30.6	33.2	35.6	27.6	28.4	30.7	33.0
		S/T	0.82	0.73	0.55	0.36	0.85	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	0.94	0.84	0.63	0.41
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10
1200		kW	2.38	2.43	2.49	2.56	2.54	2.59	2.66	2.73	2.67	2.72	2.80	2.88	2.79	2.85	2.93	3.01	2.90	2.95	3.04	3.13	2.98	3.04	3.13	3.22
		Amps	9.7	9.8	9.9	10.1	10.0	10.1	10.3	10.5	10.4	10.6	10.8	11.0	10.8	10.9	11.1	11.4	11.2	11.3	11.5	11.8	11.5	11.7	11.9	12.2
		Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	209	225	238	248	236	254	268	279	260	280	296	309
		Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
		MBh	34.0	35.0	37.9	40.7	33.2	34.2	37.0	39.7	32.4	33.4	36.1	38.8	31.6	32.6	35.3	37.8	30.1	30.9	33.5	35.9	27.8	28.7	31.0	33.3
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
		kW	2.39	2.43	2.50	2.56	2.54	2.59	2.66	2.74	2.68	2.73	2.81	2.89	2.80	2.85	2.93	3.02	2.90	2.96	3.04	3.13	2.99	3.05	3.14	3.23
		Amps	9.7	9.8	9.9	10.1	10.0	10.2	10.3	10.5	10.5	10.6	10.8	11.0	10.8	11.0	11.2	11.4	11.2	11.3	11.5	11.8	11.6	11.7	11.9	12.2
		Hi PR	145	156	164	171	162	175	184	192	184	198	210	219	210	226	239	249	236	254	269	280	261	281	297	309
		Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95

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

EXPANDED COOLING DATA — G5C130363B* / CA*F3636*6C* (CONT.)

		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	33.8	34.5	36.8	39.4	33.0	33.7	36.0	38.5	32.2	32.9	35.1	37.6	31.4	32.1	34.3	36.6	29.8	30.5	32.6	34.8	27.6	28.2	30.2	32.2
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	23	20	16	23	22	19	15
	1100																								
	kW	2.37	2.42	2.48	2.55	2.53	2.57	2.64	2.72	2.66	2.71	2.79	2.87	2.78	2.83	2.91	3.00	2.88	2.94	3.02	3.11	2.97	3.03	3.11	3.21
	Amps	9.6	9.7	9.9	10.1	10.0	10.1	10.3	10.5	10.4	10.5	10.7	10.9	10.8	10.9	11.1	11.3	11.1	11.3	11.5	11.7	11.5	11.7	11.9	12.1
	Hi PR	143	154	163	170	161	173	182	190	183	196	207	216	208	224	236	246	234	252	266	277	258	278	294	306
	Lo PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	74	78	85	91	76	81	88	94
	MBh	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.1	32.7	33.4	35.7	38.1	31.9	32.6	34.8	37.2	30.3	30.9	33.1	35.3	28.1	28.7	30.6	32.7
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
1200	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
	kW	2.40	2.44	2.51	2.58	2.56	2.60	2.67	2.75	2.69	2.74	2.82	2.90	2.81	2.87	2.95	3.04	2.92	2.97	3.06	3.15	3.01	3.06	3.15	3.25
	Amps	9.7	9.8	10.0	10.1	10.1	10.2	10.4	10.5	10.5	10.6	10.8	11.0	10.9	11.0	11.2	11.4	11.2	11.4	11.6	11.8	11.6	11.8	12.0	12.2
	Hi PR	146	157	165	173	163	176	186	194	186	200	211	220	212	228	240	251	238	256	270	282	263	283	299	312
	Lo PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	MBh	34.6	35.4	37.8	40.4	33.8	34.5	36.9	39.5	33.0	33.7	36.0	38.5	32.2	32.9	35.1	37.6	30.6	31.3	33.4	35.7	28.3	29.0	30.9	33.1
	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	0.98	0.79	0.59	1.00	0.98	0.80	0.60
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
	kW	2.41	2.45	2.51	2.58	2.56	2.61	2.68	2.76	2.70	2.75	2.83	2.91	2.82	2.87	2.96	3.04	2.92	2.98	3.07	3.16	3.01	3.07	3.16	3.26
	Amps	9.7	9.8	10.0	10.2	10.1	10.2	10.4	10.6	10.5	10.6	10.8	11.0	10.9	11.0	11.2	11.4	11.2	11.4	11.6	11.9	11.6	11.8	12.0	12.3
	Hi PR	146	157	166	173	164	176	186	194	186	200	212	221	212	228	241	251	239	257	271	283	264	284	300	313
	Lo PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96

1100	MBh	34.3	35.0	36.7	39.1	33.5	34.2	35.8	38.2	32.7	33.4	35.0	37.3	31.9	32.6	34.1	36.4	30.3	30.9	32.4	34.6	28.1	28.7	30.0	32.0
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	27	26	25	21	25	26	24	21	23	24	23	20
	kW	2.39	2.43	2.50	2.56	2.54	2.59	2.66	2.74	2.68	2.73	2.81	2.89	2.80	2.85	2.93	3.02	2.90	2.96	3.04	3.13	2.99	3.05	3.14	3.23
	Amps	9.7	9.8	9.9	10.1	10.0	10.2	10.3	10.5	10.5	10.6	10.8	11.0	10.8	11.0	11.2	11.4	11.2	11.3	11.5	11.8	11.6	11.7	11.9	12.2
	Hi PR	145	156	164	171	162	174	184	192	184	198	210	219	210	226	239	249	236	254	269	280	261	281	297	309
	Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
	MBh	34.9	35.5	37.2	39.7	34.1	34.7	36.4	38.8	33.2	33.9	35.5	37.9	32.4	33.1	34.6	36.9	30.8	31.4	32.9	35.1	28.5	29.1	30.5	32.5
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
1200	kW	2.42	2.46	2.53	2.59	2.57	2.62	2.69	2.77	2.71	2.76	2.84	2.92	2.83	2.89	2.97	3.06	2.94	3.00	3.08	3.17	3.03	3.09	3.18	3.27
	Amps	9.7	9.9	10.0	10.2	10.1	10.2	10.4	10.6	10.5	10.7	10.9	11.1	10.9	11.1	11.3	11.5	11.3	11.4	11.7	11.9	11.7	11.8	12.0	12.3
	Hi PR	147	158	167	174	165	178	187	196	188	202	213	222	214	230	243	253	240	259	273	285	266	286	302	315
	Lo PR	63	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97
	MBh	35.2	35.9	37.6	40.1	34.4	35.1	36.7	39.2	33.6	34.2	35.8	38.2	32.8	33.4	35.0	37.3	31.1	31.7	33.2	35.4	28.8	29.4	30.8	32.8
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	24	23	20	22	22	22	19	20	21	21	18
	kW	2.42	2.47	2.53	2.60	2.58	2.63	2.70	2.77	2.72	2.77	2.85	2.93	2.84	2.90	2.98	3.07	2.94	3.00	3.09	3.18	3.03	3.09	3.19	3.28
	Amps	9.8	9.9	10.0	10.2	10.1	10.2	10.4	10.6	10.6	10.7	10.9	11.1	10.9	11.1	11.3	11.5	11.3	11.5	11.7	11.9	11.7	11.8	12.1	12.3
	Hi PR	147	159	168	175	165	178	188	196	188	202	214	223	214	231	244	254	241	259	274	286	266	287	303	316
	Lo PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — G5C130483A* / CACF061-A2B

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	44.6	46.2	50.7	-	43.6	45.2	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.9	44.8	-	36.5	37.8	41.5	-
	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	-
	ΔT	18	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
	kW	3.10	3.17	3.27	-	3.34	3.41	3.52	-	3.55	3.62	3.74	-	3.73	3.81	3.94	-	3.89	3.97	4.10	-	4.02	4.11	4.25	-
	Amps	10.0	10.2	10.5	-	10.8	11.0	11.4	-	11.7	11.9	12.3	-	12.5	12.7	13.2	-	13.2	13.5	14.0	-	14.0	14.3	14.8	-
	Hi PR	152	164	173	-	171	184	194	-	194	209	221	-	221	238	251	-	249	268	283	-	275	296	312	-
	Lo PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-
	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.8	45.8	-	38.3	39.7	43.5	-	35.5	36.7	40.3	-
	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	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	3.08	3.14	3.24	-	3.31	3.38	3.49	-	3.52	3.59	3.71	-	3.70	3.78	3.90	-	3.85	3.94	4.07	-	3.99	4.08	4.21	-
	Amps	9.9	10.1	10.5	-	10.7	10.9	11.3	-	11.6	11.8	12.2	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-
Hi PR	151	162	171	-	169	182	192	-	192	207	219	-	219	236	249	-	246	265	280	-	272	293	309	-	
Lo PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91	-	
1400	MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.2	-
	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	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	3.01	3.07	3.16	-	3.23	3.30	3.41	-	3.43	3.51	3.62	-	3.61	3.69	3.81	-	3.76	3.84	3.97	-	3.89	3.97	4.10	-
	Amps	9.6	9.9	10.2	-	10.4	10.6	11.0	-	11.3	11.5	11.9	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.8	14.3	-
	Hi PR	146	157	166	-	164	177	186	-	187	201	212	-	212	229	241	-	239	257	272	-	264	284	300	-
	Lo PR	61	65	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-

EXPANDED COOLING DATA — G5C130483A* / CACF061-A2B (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
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																				
80	MBh	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.1	51.4	43.0	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.3	44.1	37.8	38.6	41.3	44.1																				
	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	1.00	1.00	0.84	0.63																				
	ΔT	23	22	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	20	18	14	19	20	18	14																				
	kW	3.15	3.22	3.32	3.43	3.39	3.47	3.58	3.69	3.61	3.68	3.80	3.93	3.79	3.88	4.00	4.14	3.95	4.04	4.17	4.31	4.09	4.18	4.32	4.46	4.09	4.18	4.32	4.46																				
	Amps	10.2	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7	14.3	14.6	15.1	15.7																				
	Hi PR	155	167	176	184	174	188	198	207	198	213	225	235	226	243	257	268	254	273	289	301	281	302	319	333	281	302	319	333																				
	Lo PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100																				
	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.7	49.9	41.7	42.6	45.5	48.7	39.6	40.5	43.2	46.2	36.7	37.5	40.1	42.8	36.7	37.5	40.1	42.8																				
	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	0.98	0.79	0.59	1.00	0.98	0.80	0.60	1.00	0.98	0.80	0.60																				
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15	21	21	18	15																				
kW	3.13	3.19	3.29	3.40	3.37	3.44	3.55	3.66	3.58	3.65	3.77	3.90	3.76	3.84	3.97	4.10	3.92	4.01	4.14	4.28	4.06	4.15	4.28	4.43	4.06	4.15	4.28	4.43																					
Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.6	14.1	14.5	14.9	15.5	14.1	14.5	14.9	15.5																					
Hi PR	154	165	175	182	173	186	196	204	196	211	223	233	223	241	254	265	251	271	286	298	278	299	316	329	278	299	316	329																					
Lo PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99	80	85	93	99																					
1400	MBh	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.2	39.5	40.3	43.1	46.0	38.5	39.3	42.0	44.9	36.6	37.4	39.9	42.7	33.9	34.6	37.0	39.5	33.9	34.6	37.0	39.5																				
	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	1.01	0.95	0.77	0.58	1.01	0.95	0.77	0.58																				
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	22	22	19	15																				
	kW	3.05	3.12	3.21	3.32	3.29	3.36	3.46	3.57	3.49	3.56	3.68	3.80	3.67	3.75	3.87	4.00	3.82	3.91	4.03	4.17	3.95	4.04	4.17	4.31	3.95	4.04	4.17	4.31																				
	Amps	9.8	10.0	10.4	10.7	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.1	14.5	15.1	13.7	14.1	14.5	15.1																				
	Hi PR	149	161	169	177	167	180	190	198	190	205	216	226	217	233	246	257	244	262	277	289	269	290	306	319	269	290	306	319																				
	Lo PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	77	82	90	96																				

1800	MBh	47.0	47.9	50.2	53.5	45.9	46.8	49.0	52.3	44.8	45.7	47.8	51.0	43.7	44.5	46.7	49.8	41.5	42.3	44.3	47.3	38.5	39.2	41.1	43.8	38.5	39.2	41.1	43.8
	S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.90	0.81	1.00	1.00	0.90	0.81	1.00	1.00	0.90	0.81
	ΔT	24	24	22	19	23	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	20	20	21	18	20	20	21	18
	kW	3.18	3.24	3.35	3.45	3.42	3.49	3.61	3.72	3.63	3.71	3.83	3.96	3.82	3.91	4.04	4.17	3.98	4.07	4.21	4.35	4.12	4.22	4.36	4.50	4.12	4.22	4.36	4.50
	Amps	10.3	10.5	10.8	11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.7	15.2	15.8	14.4	14.7	15.2	15.8
	Hi PR	157	169	178	186	176	189	200	209	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	336	283	305	322	336
	Lo PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	81	87	95	101
	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.6	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.1	39.9	42.5	37.3	38.1	39.9	42.5
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	24	25	24	21	23	24	23	20	21	22	22	19	21	22	22	19
	kW	3.15	3.22	3.32	3.43	3.39	3.47	3.58	3.69	3.61	3.68	3.80	3.93	3.79	3.88	4.00	4.14	3.95	4.04	4.17	4.31	4.09	4.18	4.32	4.46	4.09	4.18	4.32	4.46
1600	Amps	10.2	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7	14.3	14.6	15.1	15.7
	Hi PR	155	167	176	184	174	188	198	207	198	213	225	235	226	243	257	268	254	273	289	301	281	302	319	333	281	302	319	333
	Lo PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100
	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.9	45.7	39.2	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.5	35.1	36.8	39.3	34.5	35.1	36.8	39.3
	S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	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	1.00	1.00	0.92	0.75
	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	24	25	24	21	23	23	22	19	23	23	22	19
	kW	3.08	3.14	3.24	3.34	3.31	3.38	3.49	3.60	3.52	3.59	3.71	3.83	3.70	3.78	3.90	4.03	3.85	3.94	4.07	4.20	3.99	4.07	4.21	4.35	3.99	4.07	4.21	4.35
	Amps	9.9	10.1	10.5	10.8	10.7	10.9	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.2	13.9	14.2	14.7	15.2
	Hi PR	151	162	171	179	169	182	192	200	192	207	218	228	219	236	249	260	246	265	280	292	272	293	309	323	272	293	309	323
	Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97	78	83	91	97

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — G5C130484A* & CA*F061*2* / CA*F4860*6A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																			
70	MBh	44.6	46.2	50.6	-	43.5	45.1	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-												
	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	-												
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-												
	kW	2.98	3.05	3.16	-	3.24	3.32	3.44	-	3.47	3.56	3.69	-	3.68	3.77	3.90	-	3.85	3.94	4.09	-	4.00	4.10	4.25	-												
	Amps	3.9	4.0	4.1	-	4.2	4.3	4.4	-	4.5	4.7	4.8	-	4.9	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-												
	HI PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	286	-	278	300	316	-												
	LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-												
	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-												
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-												
1313	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-												
	kW	2.95	3.02	3.13	-	3.21	3.29	3.41	-	3.44	3.52	3.65	-	3.64	3.73	3.87	-	3.81	3.91	4.05	-	3.96	4.06	4.21	-												
	Amps	3.8	3.9	4.1	-	4.1	4.2	4.4	-	4.5	4.6	4.8	-	4.8	4.9	5.1	-	5.1	5.2	5.4	-	5.4	5.6	5.7	-												
	HI PR	153	164	173	-	171	184	195	-	195	210	221	-	222	239	252	-	250	269	284	-	276	297	313	-												
	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	82	-	74	79	86	-	77	82	89	-												
	MBh	40.0	41.4	45.4	-	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-												
	S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-												
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-												
	kW	2.87	2.94	3.04	-	3.12	3.20	3.31	-	3.34	3.43	3.55	-	3.54	3.63	3.76	-	3.71	3.80	3.94	-	3.85	3.95	4.09	-												
Amps	3.7	3.8	4.0	-	4.0	4.1	4.3	-	4.4	4.5	4.6	-	4.7	4.8	4.9	-	5.0	5.1	5.3	-	5.3	5.4	5.6	-													
HI PR	148	159	168	-	166	179	189	-	189	203	215	-	215	232	244	-	242	260	275	-	267	288	304	-													
LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-													

1688	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
	S/T	0.85	0.76	0.57	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	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.00	3.08	3.19	3.31	3.27	3.35	3.47	3.60	3.50	3.59	3.72	3.86	3.71	3.80	3.94	4.09	3.89	3.98	4.13	4.28	4.04	4.14	4.29	4.45
	Amps	3.9	4.0	4.1	4.3	4.2	4.3	4.5	4.6	4.6	4.7	4.9	5.0	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1
	HI PR	156	168	177	185	175	188	199	207	199	214	226	235	226	244	257	268	255	274	289	302	281	303	320	333
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
	kW	2.98	3.05	3.16	3.28	3.24	3.32	3.44	3.57	3.47	3.56	3.69	3.82	3.68	3.77	3.90	4.05	3.85	3.95	4.09	4.24	4.00	4.10	4.25	4.41
	Amps	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.6	4.5	4.7	4.8	5.0	4.9	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0
HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	271	286	299	279	300	316	330	
LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	
1313	MBh	40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	2.90	2.97	3.07	3.19	3.15	3.23	3.34	3.47	3.38	3.46	3.58	3.72	3.57	3.66	3.80	3.94	3.74	3.83	3.98	4.12	3.89	3.98	4.13	4.29
	Amps	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.7	4.8	5.0	5.2	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8
	HI PR	150	161	170	177	168	181	191	199	191	205	217	226	217	234	247	258	245	263	278	290	270	291	307	320
	LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93

EXPANDED COOLING DATA — G5C130484A* & CA*F061*2* / CA*F4860*6A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
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	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	23	20	16	21	21	18	15
	1688	kW	3.03	3.11	3.22	3.34	3.30	3.38	3.50	3.63	3.54	3.62	3.76	3.90	3.74	3.84	3.98	4.13	3.92	4.02	4.17	4.32	4.07	4.18	4.33	4.49
		Amps	3.9	4.0	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1
		HI PR	157	169	179	186	176	190	201	209	201	216	228	238	229	246	260	271	257	277	292	305	284	306	323	337
		LO PR	63	68	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
		MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15
1313	1500	kW	3.01	3.08	3.19	3.31	3.27	3.35	3.47	3.60	3.50	3.59	3.72	3.86	3.71	3.80	3.94	4.09	3.89	3.98	4.13	4.28	4.04	4.14	4.29	4.45
		Amps	3.9	4.0	4.1	4.3	4.2	4.3	4.5	4.6	4.6	4.7	4.9	5.0	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	226	244	257	268	255	274	289	302	281	303	320	333
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
		MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
		kW	2.92	2.99	3.10	3.21	3.18	3.26	3.38	3.50	3.41	3.49	3.62	3.75	3.61	3.70	3.83	3.97	3.78	3.87	4.01	4.16	3.92	4.02	4.17	4.33
		Amps	3.8	3.9	4.0	4.2	4.1	4.2	4.3	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9
		HI PR	151	163	172	179	169	182	193	201	193	207	219	228	220	236	249	260	247	266	281	293	273	294	310	323
	LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94	

1688	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.7	41.5	42.3	44.3	47.3	38.4	39.2	41.0	43.8
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79
	ΔT	25	25	23	20	25	25	23	20	24	25	24	20	24	24	24	20	23	23	23	20	21	21	22	19
	kW	3.06	3.13	3.25	3.37	3.33	3.41	3.54	3.67	3.57	3.66	3.79	3.93	3.78	3.87	4.02	4.17	3.96	4.06	4.21	4.36	4.11	4.22	4.37	4.54
	Amps	4.0	4.1	4.2	4.4	4.3	4.4	4.5	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2
	HI PR	159	171	180	188	178	192	203	211	203	218	230	240	231	248	262	274	260	280	295	308	287	309	326	340
	LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	23	23	20
1500	kW	3.03	3.11	3.22	3.34	3.30	3.38	3.50	3.63	3.54	3.62	3.76	3.90	3.74	3.84	3.98	4.13	3.92	4.02	4.17	4.32	4.07	4.18	4.33	4.49
	Amps	3.9	4.0	4.2	4.3	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1
	HI PR	157	169	179	186	176	190	201	209	201	216	228	238	229	246	260	271	257	277	292	305	284	306	323	337
	LO PR	63	68	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
	S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
	ΔT	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	26	26	25	21	24	24	23	20
	kW	2.95	3.02	3.13	3.24	3.21	3.29	3.41	3.53	3.44	3.52	3.65	3.79	3.64	3.73	3.87	4.01	3.81	3.91	4.05	4.20	3.96	4.06	4.21	4.37
	Amps	3.8	3.9	4.1	4.2	4.1	4.2	4.4	4.5	4.5	4.6	4.8	4.9	4.8	4.9	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.5	5.7	6.0
	HI PR	153	164	173	181	171	184	195	203	195	209	221	231	222	239	252	263	249	268	283	296	276	297	313	327
	LO PR	62	65	71	76	65	69	76	80	68	72	79	84	71	76	82	88	74	79	86	92	77	82	89	95

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — GSC130603A* / CACF061-A2B

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
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	1913	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-											
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-											
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	18	15	12	-	18	15	12	-											
		kW	3.97	4.06	4.19	-	4.29	4.38	4.53	-	4.57	4.67	4.83	-	4.81	4.92	5.09	-	5.02	5.14	5.31	-	5.20	5.32	5.50	-											
		Amps	12.8	13.1	13.6	-	13.9	14.2	14.7	-	15.1	15.4	15.9	-	16.1	16.5	17.0	-	17.1	17.5	18.1	-	18.1	18.6	19.2	-											
	1700	Hi PR	144	155	163	-	161	174	183	-	183	197	208	-	209	225	237	-	235	253	267	-	260	279	295	-											
		Lo PR	58	61	67	-	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-											
		MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-											
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-											
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-											
1488	1700	kW	3.94	4.03	4.16	-	4.25	4.35	4.49	-	4.53	4.63	4.78	-	4.77	4.88	5.04	-	4.98	5.09	5.26	-	5.16	5.28	5.45	-											
		Amps	12.7	13.0	13.4	-	13.7	14.1	14.5	-	14.9	15.3	15.8	-	15.9	16.3	16.9	-	17.0	17.4	17.9	-	18.0	18.4	19.0	-											
		Hi PR	142	153	162	-	160	172	181	-	182	195	206	-	207	223	235	-	233	250	264	-	257	277	292	-											
		Lo PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	77	-	69	74	80	-	72	76	83	-											
		MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-											
	1488	S/T	0.64	0.54	0.37	-	0.67	0.56	0.39	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-											
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-											
		kW	3.84	3.93	4.05	-	4.15	4.24	4.38	-	4.41	4.51	4.66	-	4.65	4.76	4.91	-	4.85	4.96	5.13	-	5.02	5.14	5.31	-											
		Amps	12.4	12.7	13.1	-	13.4	13.7	14.1	-	14.5	14.9	15.4	-	15.5	15.9	16.4	-	16.5	16.9	17.4	-	17.5	17.9	18.5	-											
		Hi PR	138	149	157	-	155	167	176	-	176	190	200	-	201	216	228	-	226	243	256	-	249	268	283	-											
Lo PR	56	59	64	-	59	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	69	74	81	-													

1913	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	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	0.82	0.62	0.40
	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
	kW	4.01	4.09	4.23	4.37	4.33	4.42	4.57	4.72	4.61	4.71	4.87	5.03	4.85	4.96	5.13	5.31	5.06	5.18	5.36	5.54	5.25	5.37	5.55	5.74
	Amps	13.0	13.3	13.7	14.2	14.0	14.3	14.8	15.3	15.2	15.6	16.1	16.7	16.2	16.6	17.2	17.8	17.3	17.7	18.3	19.0	18.3	18.7	19.4	20.1
	Hi PR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	237	255	270	281	262	282	298	311
	Lo PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
1700	kW	3.97	4.06	4.19	4.33	4.29	4.38	4.53	4.68	4.57	4.67	4.83	4.99	4.81	4.92	5.09	5.26	5.02	5.14	5.31	5.49	5.20	5.32	5.50	5.69
	Amps	12.8	13.1	13.6	14.1	13.9	14.2	14.7	15.2	15.1	15.4	15.9	16.5	16.1	16.5	17.0	17.7	17.1	17.5	18.1	18.8	18.1	18.6	19.2	19.9
	Hi PR	144	155	163	170	161	174	183	191	183	197	208	217	209	225	237	248	235	253	267	279	260	279	295	308
	Lo PR	58	62	67	72	61	65	71	76	63	68	74	79	67	71	77	82	70	74	81	86	72	77	84	89
	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8
	S/T	0.73	0.65	0.49	0.32	0.76	0.68	0.51	0.33	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.84	0.75	0.57	0.37
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
	kW	3.88	3.96	4.09	4.22	4.18	4.27	4.42	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	5.55
	Amps	12.5	12.8	13.2	13.7	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.6	16.0	16.6	17.2	16.8	17.0	17.6	18.3	17.6	18.1	18.7	19.4
	Hi PR	139	150	158	165	156	168	178	185	178	191	202	211	203	218	230	240	228	245	259	270	252	271	286	299
Lo PR	56	60	65	69	59	63	69	73	62	66	72	76	65	69	75	80	68	72	79	84	70	75	81	87	

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

EXPANDED COOLING DATA — GSC130603A* / CACF061-A2B (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
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																				
80		MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2	47.3	48.4	51.7	55.2																			
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57																			
		ΔT	24	23	20	16	25	23	20	16	25	24	20	16	25	24	21	16	25	23	20	16	23	22	19	15	23	22	19	15																			
		kW	4.04	4.13	4.26	4.40	4.36	4.46	4.61	4.76	4.65	4.75	4.91	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.60	5.80	5.29	5.41	5.60	5.80																			
		Amps	13.1	13.4	13.8	14.3	14.1	14.5	14.9	15.5	15.3	15.7	16.2	16.8	16.4	16.8	17.3	18.0	17.4	17.9	18.5	19.2	18.5	18.9	19.6	20.3	18.5	18.9	19.6	20.3																			
	Hi PR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	272	284	265	285	301	314	265	285	301	314																				
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91	74	78	86	91																				
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6																				
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54																				
	ΔT	25	24	21	17	26	24	21	17	26	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	24	23	20	16																				
1700	kW	4.01	4.09	4.23	4.37	4.33	4.42	4.57	4.72	4.61	4.71	4.87	5.03	4.85	4.96	5.13	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74	5.25	5.37	5.55	5.74																				
	Amps	13.0	13.3	13.7	14.2	14.0	14.3	14.8	15.3	15.2	15.6	16.1	16.7	16.2	16.6	17.2	17.8	17.3	17.7	18.3	19.0	18.3	18.7	19.4	20.1	18.3	18.7	19.4	20.1																				
	Hi PR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	237	255	270	281	262	282	298	311	262	282	298	311																				
	Lo PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90	73	78	85	90																				
	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5																				
1488	S/T	0.80	0.75	0.61	0.46	0.83	0.78	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.86	0.70	0.52	0.92	0.86	0.70	0.52	0.92	0.86	0.70	0.52																				
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	24	23	20	16																				
	kW	3.91	3.99	4.12	4.26	4.22	4.31	4.45	4.60	4.49	4.59	4.74	4.90	4.73	4.84	5.00	5.17	4.94	5.05	5.22	5.40	5.11	5.23	5.41	5.59	5.11	5.23	5.41	5.59																				
	Amps	12.6	12.9	13.3	13.8	13.6	13.9	14.4	14.9	14.8	15.1	15.6	16.2	15.8	16.2	16.7	17.3	16.8	17.2	17.8	18.4	17.8	18.2	18.8	19.5	17.8	18.2	18.8	19.5																				
	Hi PR	141	152	160	167	158	170	180	187	180	193	204	213	205	220	233	243	230	248	262	273	254	274	289	302	254	274	289	302																				
Lo PR	57	60	66	70	60	64	70	74	62	66	72	77	65	70	76	81	68	73	80	85	71	75	82	88	71	75	82	88																					

85	1913	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.74
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	23	20
		kW	4.07	4.16	4.30	4.44	4.40	4.50	4.65	4.80	4.68	4.79	4.95	5.12	4.94	5.05	5.22	5.40	5.15	5.27	5.45	5.64	5.34	5.46	5.65	5.85
		Amps	13.2	13.5	13.9	14.5	14.2	14.6	15.1	15.6	15.5	15.8	16.4	17.0	16.5	16.9	17.5	18.2	17.6	18.0	18.6	19.3	18.6	19.1	19.7	20.5
	Hi PR	148	159	168	176	166	179	189	197	189	203	215	224	215	232	245	255	242	261	275	287	268	288	304	317	
	Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92	
	1700	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.96	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71
		ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	26	22	27	27	25	22	25	25	23	20
kW		4.04	4.13	4.26	4.40	4.36	4.46	4.61	4.76	4.65	4.75	4.91	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.60	5.80	
Amps		13.1	13.4	13.8	14.3	14.1	14.5	14.9	15.5	15.3	15.7	16.2	16.8	16.4	16.8	17.3	18.0	17.4	17.9	18.5	19.2	18.5	18.9	19.6	20.3	
1488	Hi PR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	272	284	265	285	301	314	
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91	
	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1	
	S/T	0.84	0.81	0.73	0.59	0.87	0.84	0.76	0.61	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.96	0.93	0.84	0.68	
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	28	27	26	22	26	25	24	21	

DB: Entering Indoor Dry Bulb Temperature
 Shaded area reflects AHRI (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — G5C130604A* & CA*F061*2* / CA*F4860*6A*

		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	1913	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-							
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-							
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-							
	1700	kW	3.72	3.81	3.95	-	4.05	4.15	4.31	-	4.35	4.46	4.62	-	4.61	4.72	4.90	-	4.83	4.95	5.13	-	5.02	5.15	5.34	-	5.02	5.15	5.34	-							
		Amps	13.6	14.0	14.4	-	14.7	15.1	15.6	-	16.0	16.4	16.9	-	17.1	17.5	18.1	-	18.2	18.6	19.3	-	19.3	19.7	20.4	-	19.3	19.7	20.4	-							
		Hi PR	146	157	166	-	163	176	186	-	186	200	211	-	212	228	241	-	238	256	271	-	263	283	299	-	263	283	299	-							
		Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-	74	79	86	-							
		MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-							
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-							
1488		ΔT	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-	19	17	13	-							
		kW	3.69	3.78	3.91	-	4.02	4.12	4.27	-	4.31	4.41	4.58	-	4.56	4.68	4.85	-	4.78	4.90	5.09	-	4.97	5.10	5.29	-	4.97	5.10	5.29	-							
		Amps	13.5	13.8	14.3	-	14.6	14.9	15.4	-	15.9	16.2	16.8	-	16.9	17.4	17.9	-	18.0	18.5	19.1	-	19.1	19.6	20.2	-	19.1	19.6	20.2	-							
		Hi PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	238	-	236	254	268	-	261	280	296	-	261	280	296	-							
		Lo PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	85	-	74	78	85	-							
		MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-	41.0	42.5	46.5	-							
	1700	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-							
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-							
		kW	3.58	3.67	3.81	-	3.90	4.00	4.15	-	4.19	4.29	4.45	-	4.44	4.55	4.72	-	4.65	4.76	4.94	-	4.83	4.95	5.14	-	4.83	4.95	5.14	-							
1488	Amps	13.1	13.5	13.9	-	14.2	14.5	15.0	-	15.4	15.8	16.3	-	16.5	16.9	17.4	-	17.5	18.0	18.6	-	18.6	19.0	19.7	-	18.6	19.0	19.7	-								
	Hi PR	140	151	159	-	157	169	178	-	179	192	203	-	203	219	231	-	229	246	260	-	253	272	287	-	253	272	287	-								
	Lo PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-	71	76	83	-								

75	1913	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		kW	3.75	3.85	3.99	4.14	4.09	4.19	4.35	4.51	4.39	4.50	4.67	4.84	4.65	4.77	4.95	5.13	4.87	5.00	5.18	5.38	5.07	5.19	5.39	5.59
		Amps	13.8	14.1	14.5	15.1	14.9	15.2	15.7	16.3	16.1	16.5	17.1	17.7	17.3	17.7	18.3	19.0	18.4	18.8	19.4	20.2	19.5	19.9	20.6	21.4
		Hi PR	147	158	167	174	165	178	188	196	188	202	213	223	214	230	243	254	241	259	273	285	266	286	302	315
		Lo PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
		MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
		kW	3.72	3.81	3.95	4.10	4.05	4.15	4.31	4.47	4.35	4.46	4.62	4.80	4.61	4.72	4.90	5.08	4.83	4.95	5.14	5.33	5.02	5.15	5.34	5.54
		Amps	13.6	14.0	14.4	14.9	14.7	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.8	20.4	21.2
		Hi PR	146	157	166	173	164	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312
		Lo PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92
1488	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
	S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38	
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12	
	kW	3.62	3.71	3.84	3.98	3.94	4.04	4.19	4.34	4.23	4.33	4.49	4.66	4.48	4.59	4.76	4.94	4.69	4.81	4.99	5.18	4.88	5.00	5.19	5.38	
	Amps	13.3	13.6	14.0	14.5	14.3	14.7	15.2	15.7	15.6	15.9	16.5	17.1	16.6	17.0	17.6	18.3	17.7	18.1	18.7	19.4	18.7	19.2	19.8	20.6	
	Hi PR	141	152	161	168	159	171	180	188	180	194	205	214	205	221	233	243	231	249	263	274	255	275	290	303	
	Lo PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	

EXPANDED COOLING DATA — G5C130604A* & CA*F061*2* / CA*F4860*6A* (CONT.)

		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	1913	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	23	23	20	16
		kW	3.79	3.88	4.03	4.18	4.13	4.23	4.39	4.55	4.43	4.54	4.71	4.89	4.70	4.81	4.99	5.18	4.92	5.04	5.23	5.43	5.12	5.24	5.44	5.65
		Amps	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.4	17.8	18.4	19.1	18.5	19.0	19.6	20.4	19.6	20.1	20.8	21.6
		Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
		Lo PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
		MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.56
		ΔT	26	25	22	17	26	25	22	18	27	25	22	18	27	26	22	18	26	25	22	18	25	24	20	16
		kW	3.76	3.85	3.99	4.14	4.09	4.19	4.35	4.51	4.39	4.50	4.67	4.84	4.65	4.77	4.95	5.13	4.88	5.00	5.18	5.38	5.07	5.20	5.39	5.59
1488		Amps	13.8	14.1	14.5	15.1	14.9	15.2	15.7	16.3	16.1	16.5	17.1	17.7	17.3	17.7	18.3	19.0	18.4	18.8	19.4	20.2	19.5	19.9	20.6	21.4
		Hi PR	147	158	167	174	165	178	188	196	188	202	213	223	214	230	243	254	241	259	273	285	266	286	302	315
		Lo PR	60	64	70	74	63	68	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
		MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.90	0.73	0.54
		ΔT	27	26	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
		kW	3.65	3.74	3.88	4.02	3.98	4.08	4.23	4.38	4.27	4.37	4.53	4.70	4.52	4.63	4.81	4.99	4.74	4.86	5.04	5.23	4.92	5.05	5.24	5.43
		Amps	13.4	13.7	14.1	14.7	14.5	14.8	15.3	15.9	15.7	16.1	16.6	17.2	16.8	17.2	17.8	18.4	17.9	18.3	18.9	19.6	18.9	19.4	20.0	20.8
		Hi PR	143	154	162	169	160	172	182	190	182	196	207	216	208	223	236	246	233	251	265	277	258	278	293	306
		Lo PR	58	62	68	72	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90

1913	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
	S/T	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	24	23	20
	kW	3.82	3.92	4.06	4.22	4.17	4.27	4.43	4.60	4.47	4.58	4.75	4.93	4.74	4.86	5.04	5.23	4.97	5.09	5.28	5.48	5.16	5.29	5.49	5.70
	Amps	14.0	14.3	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.6	19.8	20.3	21.0	21.8
	Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322
	Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21
	kW	3.79	3.88	4.03	4.18	4.13	4.23	4.39	4.55	4.43	4.54	4.71	4.89	4.70	4.81	4.99	5.18	4.92	5.04	5.23	5.43	5.12	5.24	5.44	5.65
1700	Amps	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.4	17.8	18.4	19.1	18.5	19.0	19.6	20.4	19.6	20.1	20.8	21.6
	Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
	Lo PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
	S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.97	0.87	0.71
	ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	29	27	23	29	28	27	23	27	26	25	21
	kW	3.68	3.78	3.91	4.06	4.01	4.11	4.27	4.43	4.31	4.41	4.58	4.75	4.56	4.68	4.85	5.03	4.78	4.90	5.08	5.28	4.97	5.10	5.29	5.49
	Amps	13.5	13.8	14.3	14.8	14.6	14.9	15.4	16.0	15.8	16.2	16.8	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.2	21.0
	Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	248	236	254	268	279	261	280	296	309
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

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

EXPANDED COOLING DATA — G5C100903* / AR090

		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
70	MBh	86.2	89.4	97.9	-	84.2	87.3	95.6	-	82.2	85.2	93.4	-	80.2	83.1	91.1	-	76.2	79.0	86.5	-	70.6	73.2	80.2	-
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	3038 kW	6.80	6.93	7.13	-	7.28	7.42	7.64	-	7.70	7.85	8.09	-	8.07	8.23	8.48	-	8.38	8.55	8.82	-	8.65	8.83	9.11	-
	Amps	18.3	18.6	19.2	-	19.6	20.0	20.5	-	21.0	21.5	22.1	-	22.3	22.8	23.5	-	23.6	24.1	24.9	-	24.9	25.4	26.2	-
	Hi PR	149	160	169	-	167	179	190	-	190	204	216	-	216	232	245	-	243	262	276	-	269	289	305	-
	Lo PR	59	63	69	-	62	66	73	-	65	69	75	-	68	73	79	-	71	76	83	-	74	79	86	-
	MBh	83.7	86.8	95.1	-	81.8	84.8	92.9	-	79.8	82.7	90.7	-	77.9	80.7	88.4	-	74.0	76.7	84.0	-	68.5	71.0	77.8	-
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	2700 kW	6.75	6.88	7.08	-	7.22	7.37	7.58	-	7.64	7.79	8.03	-	8.01	8.17	8.42	-	8.32	8.49	8.75	-	8.59	8.76	9.04	-
75	Amps	18.1	18.5	19.0	-	19.4	19.8	20.4	-	20.9	21.3	21.9	-	22.1	22.6	23.3	-	23.4	23.9	24.6	-	24.7	25.2	26.0	-
	Hi PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-
	Lo PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
	MBh	77.3	80.1	87.8	-	75.5	78.2	85.7	-	73.7	76.4	83.7	-	71.9	74.5	81.6	-	68.3	70.8	77.5	-	63.3	65.6	71.8	-
	S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
	2363 kW	6.61	6.73	6.93	-	7.07	7.20	7.41	-	7.47	7.62	7.84	-	7.82	7.98	8.22	-	8.13	8.29	8.54	-	8.39	8.56	8.82	-
	Amps	17.7	18.1	18.6	-	18.9	19.3	19.9	-	20.4	20.8	21.4	-	21.6	22.1	22.7	-	22.8	23.3	24.0	-	24.0	24.6	25.3	-
	Hi PR	143	154	162	-	160	172	182	-	182	196	207	-	207	223	236	-	233	251	265	-	258	278	293	-
	Lo PR	57	60	66	-	60	64	70	-	62	66	72	-	65	70	76	-	69	73	80	-	71	76	82	-

3038	MBh	87.7	90.3	97.7	104.9	85.7	88.2	95.5	102.5	83.6	86.1	93.2	100.0	81.6	84.0	90.9	97.6	77.5	79.8	86.4	92.7	71.8	73.9	80.0	85.9
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
	3038 kW	6.85	6.99	7.19	7.40	7.33	7.48	7.70	7.93	7.76	7.91	8.15	8.40	8.13	8.30	8.55	8.82	8.45	8.62	8.89	9.17	8.72	8.90	9.18	9.47
	Amps	18.4	18.8	19.3	20.0	19.7	20.1	20.7	21.4	21.2	21.7	22.3	23.1	22.5	23.0	23.7	24.5	23.8	24.3	25.1	25.9	25.1	25.6	26.4	27.3
	Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321
	Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
	MBh	85.1	87.7	94.9	101.8	83.2	85.6	92.7	99.5	81.2	83.6	90.5	97.1	79.2	81.5	88.3	94.7	75.2	77.5	83.9	90.0	69.7	71.8	77.7	83.4
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	2700 kW	6.80	6.93	7.13	7.34	7.28	7.42	7.64	7.87	7.70	7.85	8.09	8.34	8.07	8.23	8.48	8.75	8.38	8.56	8.82	9.10	8.65	8.83	9.11	9.40
	Amps	18.3	18.7	19.2	19.8	19.6	20.0	20.5	21.2	21.0	21.5	22.1	22.9	22.3	22.8	23.5	24.3	23.6	24.1	24.9	25.7	24.9	25.4	26.2	27.1
	Hi PR	149	160	169	176	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
	Lo PR	59	63	69	73	62	66	73	77	65	69	75	80	68	73	79	84	71	76	83	88	74	79	86	91
2363	MBh	78.6	80.9	87.6	94.0	76.8	79.0	85.5	91.8	74.9	77.1	83.5	89.6	73.1	75.3	81.5	87.4	69.4	71.5	77.4	83.1	64.3	66.2	71.7	76.9
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38
	ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
	2363 kW	6.66	6.78	6.98	7.18	7.12	7.26	7.47	7.69	7.52	7.67	7.90	8.14	7.88	8.04	8.29	8.54	8.19	8.36	8.61	8.88	8.45	8.63	8.89	9.17
	Amps	17.8	18.2	18.7	19.3	19.1	19.5	20.1	20.7	20.5	21.0	21.6	22.3	21.8	22.2	22.9	23.7	23.0	23.5	24.2	25.1	24.2	24.8	25.5	26.4
	Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	248	236	254	268	279	261	280	296	309
	Lo PR	57	61	67	71	61	64	70	75	63	67	73	78	66	70	77	82	69	74	81	86	72	76	83	89

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

EXPANDED COOLING DATA — G5C100903* / AR090 (CONT.)

		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	89.3	91.2	97.4	104.2	87.2	89.1	95.2	101.7	85.1	87.0	92.9	99.3	83.0	84.8	90.6	96.9	78.9	80.6	86.1	92.0	73.1	74.7	79.8	85.3
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15
	kW	6.90	7.04	7.24	7.45	7.39	7.53	7.76	7.99	7.82	7.97	8.21	8.47	8.17	8.36	8.62	8.89	8.51	8.69	8.96	9.24	8.79	8.98	9.25	9.55
	Amps	18.6	18.9	19.5	20.1	19.9	20.3	20.9	21.6	21.4	21.8	22.5	23.3	22.7	23.2	23.9	24.7	24.0	24.5	25.3	26.2	25.3	25.9	26.7	27.6
	Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325
	Lo PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
	MBh	86.7	88.5	94.6	101.1	84.6	86.5	92.4	98.8	82.6	84.4	90.2	96.4	80.6	82.4	88.0	94.1	76.6	78.2	83.6	89.4	70.9	72.5	77.4	82.8
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16
	kW	6.85	6.99	7.19	7.40	7.33	7.48	7.70	7.93	7.76	7.91	8.15	8.40	8.13	8.30	8.55	8.82	8.45	8.62	8.89	9.17	8.72	8.91	9.18	9.47
2363	Amps	18.4	18.8	19.3	20.0	19.7	20.1	20.7	21.4	21.2	21.7	22.3	23.1	22.5	23.0	23.7	24.5	23.8	24.3	25.1	25.9	25.1	25.6	26.4	27.3
	Hi PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322
	Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
	MBh	80.0	81.7	87.3	93.3	78.1	79.8	85.3	91.2	76.3	77.9	83.3	89.0	74.4	76.0	81.2	86.8	70.7	72.2	77.2	82.5	65.5	66.9	71.5	76.4
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54
	ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16
	kW	6.71	6.83	7.03	7.23	7.17	7.31	7.52	7.75	7.58	7.73	7.96	8.21	7.94	8.11	8.35	8.61	8.25	8.42	8.68	8.95	8.52	8.69	8.96	9.25
	Amps	18.0	18.4	18.9	19.5	19.2	19.6	20.2	20.9	20.7	21.1	21.8	22.5	22.0	22.4	23.1	23.9	23.2	23.7	24.4	25.3	24.4	25.0	25.8	26.6
	Hi PR	146	157	166	173	163	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312
	Lo PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	74	81	87	72	77	84	90

3038	MBh	90.8	92.6	97.0	103.4	88.7	90.4	94.7	101.0	86.6	88.3	92.4	98.6	84.5	86.1	90.2	96.2	80.3	81.8	85.7	91.4	74.3	75.8	79.4	84.7
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	20	20
	kW	6.95	7.09	7.29	7.51	7.44	7.59	7.82	8.05	7.87	8.03	8.28	8.53	8.26	8.43	8.68	8.96	8.58	8.76	9.03	9.31	8.86	9.05	9.33	9.63
	Amps	18.7	19.1	19.6	20.3	20.0	20.5	21.1	21.8	21.6	22.0	22.7	23.4	22.9	23.4	24.1	24.9	24.2	24.7	25.5	26.4	25.5	26.1	26.9	27.8
	Hi PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328
	Lo PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	88	94
	MBh	88.2	89.9	94.1	100.4	86.1	87.8	91.9	98.1	84.1	85.7	89.7	95.7	82.0	83.6	87.6	93.4	77.9	79.4	83.2	88.7	72.2	73.6	77.1	82.2
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	27	27	25	22	25	25	24	20
	kW	6.90	7.04	7.24	7.45	7.39	7.53	7.76	7.99	7.82	7.97	8.21	8.47	8.19	8.36	8.62	8.89	8.51	8.69	8.96	9.24	8.79	8.98	9.25	9.55
2700	Amps	18.6	18.9	19.5	20.1	19.9	20.3	20.9	21.6	21.4	21.8	22.5	23.3	22.7	23.2	23.9	24.7	24.0	24.5	25.3	26.2	25.3	25.9	26.7	27.6
	Hi PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325
	Lo PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
	MBh	81.4	83.0	86.9	92.7	79.5	81.0	84.9	90.5	77.6	79.1	82.8	88.4	75.7	77.2	80.8	86.2	71.9	73.3	76.8	81.9	66.6	67.9	71.1	75.9
	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
	ΔT	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	28	27	26	22	26	25	24	21
	kW	6.75	6.88	7.08	7.29	7.22	7.37	7.58	7.81	7.64	7.79	8.02	8.27	8.00	8.17	8.42	8.68	8.32	8.49	8.75	9.02	8.58	8.76	9.03	9.32
	Amps	18.1	18.5	19.0	19.6	19.4	19.8	20.4	21.0	20.9	21.3	21.9	22.7	22.1	22.6	23.3	24.1	23.4	23.9	24.6	25.5	24.7	25.2	26.0	26.9
	Hi PR	147	158	167	174	165	178	188	196	188	202	213	222	214	230	243	253	241	259	273	285	266	286	302	315
	Lo PR	59	62	68	72	62	66	72	76	64	68	75	79	67	72	78	83	71	75	82	87	73	78	85	90

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — G5C100904* / AR090

		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	MBh	81.5	84.5	92.6	-	79.6	82.5	90.4	-	77.7	80.6	88.3	-	75.8	78.6	86.1	-	72.0	74.7	81.8	-	66.7	69.2	75.8	-	66.7	69.2	75.8	-	66.7	69.2	75.8	-				
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-	0.77	0.65	0.45	-	0.77	0.65	0.45	-				
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-	16	14	10	-				
	kW	6.64	6.77	6.98	-	7.12	7.27	7.49	-	7.55	7.71	7.94	-	7.92	8.09	8.34	-	8.24	8.42	8.69	-	8.52	8.70	8.98	-	8.52	8.70	8.98	-	8.52	8.70	8.98	-				
	Amps	10.5	10.7	11.0	-	11.2	11.4	11.8	-	12.1	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.8	14.3	-	14.3	14.6	15.0	-	14.3	14.6	15.0	-	14.3	14.6	15.0	-				
	HI PR	157	169	179	-	177	190	201	-	201	216	228	-	229	246	260	-	257	277	293	-	284	306	323	-	284	306	323	-	284	306	323	-				
	LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-	74	78	86	-	74	78	86	-				
	MBh	82.8	85.8	94.0	-	80.8	83.8	91.8	-	78.9	81.8	89.6	-	77.0	79.8	87.4	-	73.1	75.8	83.1	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-				
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-				
	ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-	15	13	10	-	15	13	10	-				
	kW	6.73	6.86	7.07	-	7.22	7.37	7.59	-	7.65	7.81	8.05	-	8.03	8.20	8.46	-	8.36	8.54	8.81	-	8.64	8.82	9.11	-	8.64	8.82	9.11	-	8.64	8.82	9.11	-				
	Amps	10.6	10.8	11.1	-	11.4	11.6	11.9	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.5	-	14.5	14.8	15.3	-	14.5	14.8	15.3	-	14.5	14.8	15.3	-				
	HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	265	-	262	282	298	-	289	311	329	-	289	311	329	-	289	311	329	-				
	LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-	75	80	87	-	75	80	87	-				
3300	MBh	82.8	85.8	94.0	-	80.8	83.8	91.8	-	78.9	81.8	89.6	-	77.0	79.8	87.4	-	73.1	75.8	83.1	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-	67.8	70.2	76.9	-				
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-				
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-	15	13	10	-	15	13	10	-				
	kW	6.73	6.86	7.07	-	7.22	7.37	7.59	-	7.65	7.81	8.05	-	8.03	8.20	8.46	-	8.36	8.54	8.81	-	8.64	8.82	9.11	-	8.64	8.82	9.11	-	8.64	8.82	9.11	-				
	Amps	10.6	10.8	11.1	-	11.4	11.6	11.9	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.5	-	14.5	14.8	15.3	-	14.5	14.8	15.3	-	14.5	14.8	15.3	-				
	HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	265	-	262	282	298	-	289	311	329	-	289	311	329	-	289	311	329	-				
	LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-	75	80	87	-	75	80	87	-				

75	MBh	82.9	85.4	92.4	99.2	81.0	83.4	90.2	96.9	79.1	81.4	88.1	94.6	77.1	79.4	86.0	92.2	73.3	75.4	81.7	87.6	67.9	69.9	75.6	81.2	67.9	69.9	75.6	81.2	67.9	69.9	75.6	81.2
	S/T	0.77	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.59	0.38	0.88	0.79	0.59	0.38	0.88	0.79	0.59	0.38
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	17	14	10	18	17	14	10
	kW	6.69	6.83	7.03	7.24	7.18	7.33	7.55	7.78	7.61	7.77	8.01	8.26	7.99	8.16	8.41	8.68	8.31	8.49	8.76	9.04	8.59	8.77	9.05	9.35	8.59	8.77	9.05	9.35	8.59	8.77	9.05	9.35
	Amps	10.5	10.8	11.1	11.4	11.3	11.5	11.9	12.3	12.2	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.4	14.9	14.4	14.7	15.2	15.7	14.4	14.7	15.2	15.7	14.4	14.7	15.2	15.7
	HI PR	159	171	181	188	178	192	203	211	203	218	231	241	231	249	263	274	260	280	295	308	287	309	326	341	287	309	326	341	287	309	326	341
	LO PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	87	92	74	79	87	92	74	79	87	92
	MBh	84.2	86.7	93.8	100.7	82.2	84.6	91.6	98.3	80.3	82.6	89.4	96.0	78.3	80.6	87.3	93.7	74.4	76.6	82.9	89.0	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	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	0.82	0.62	0.40	0.91	0.82	0.62	0.40	0.91	0.82	0.62	0.40
	ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	14	10	19	18	14	10	18	16	13	9	18	16	13	9	18	16	13	9
	kW	6.78	6.92	7.12	7.34	7.27	7.42	7.65	7.89	7.71	7.87	8.12	8.38	8.10	8.27	8.53	8.80	8.43	8.61	8.88	9.17	8.71	8.90	9.18	9.48	8.71	8.90	9.18	9.48	8.71	8.90	9.18	9.48
	Amps	10.7	10.9	11.2	11.6	11.4	11.7	12.0	12.4	12.3	12.6	13.0	13.4	13.1	13.4	13.8	14.3	13.9	14.2	14.6	15.1	14.6	14.9	15.4	15.9	14.6	14.9	15.4	15.9	14.6	14.9	15.4	15.9
	HI PR	162	174	184	192	182	195	206	215	206	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346	292	315	332	346	292	315	332	346
	LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94	76	81	88	94	76	81	88	94
	MBh	84.2	86.7	93.8	100.7	82.2	84.6	91.6	98.3	80.3	82.6	89.4	96.0	78.3	80.6	87.3	93.7	74.4	76.6	82.9	89.0	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4	68.9	70.9	76.8	82.4
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	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	0.82	0.62	0.40	0.91	0.82	0.62	0.40	0.91	0.82	0.62	0.40
	ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9	17	16	13	9	17	16	13	9
	kW	6.78	6.92	7.12	7.34	7.27	7.42	7.65	7.89	7.71	7.87	8.12	8.38	8.10	8.27	8.53	8.80	8.43	8.61	8.88	9.17	8.71	8.90	9.18	9.48	8.71	8.90	9.18	9.48	8.71	8.90	9.18	9.48
	Amps	10.7	10.9	11.2	11.6	11.4	11.7	12.0	12.4	12.3	12.6	13.0	13.4	13.1	13.4	13.8	14.3	13.9	14.2	14.6	15.1	14.6	14.9	15.4	15.9	14.6	14.9	15.4	15.9	14.6	14.9	15.4	15.9
	HI PR	162	174	184	192	182	195	206	215	206	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346	292	315	332	346	292	315	332	346
	LO PR	61	64	70	75.0	64	68	74	79.2	67	71	77	82.3	70	74	81	86.5	73	78	85	90.6	76	81	88	94	76	81	88	94	76	81	88	94

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

EXPANDED COOLING DATA — GSC100904* / AR090 (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
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																				
80	3000	MBh	84.4	86.2	92.1	98.5	82.4	84.2	90.0	96.2	80.5	82.2	87.8	93.9	78.5	80.2	85.7	91.6	74.6	76.2	81.4	87.0	69.1	70.6	75.4	80.6	69.1	70.6	75.4	80.6																			
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.96	0.90	0.74	0.55	0.96	0.90	0.74	0.55																			
		ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	20	20	17	14	20	20	17	14																			
		kW	6.74	6.88	7.08	7.30	7.23	7.38	7.61	7.85	7.67	7.83	8.07	8.33	8.05	8.22	8.48	8.75	8.38	8.56	8.83	9.12	8.66	8.84	9.13	9.43	8.66	8.84	9.13	9.43																			
		Amps	10.6	10.8	11.2	11.5	11.4	11.6	12.0	12.4	12.3	12.5	12.9	13.3	13.0	13.3	13.7	14.2	13.8	14.1	14.5	15.0	14.5	14.8	15.3	15.8	14.5	14.8	15.3	15.8																			
	3245	Hi PR	161	173	183	190	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344	290	312	330	344																			
		LO PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93	75	80	87	93																			
		MBh	85.7	87.5	93.5	100.0	83.7	85.5	91.4	97.7	81.7	83.5	89.2	95.3	79.7	81.4	87.0	93.0	75.7	77.4	82.7	88.4	70.1	71.7	76.6	81.8	70.1	71.7	76.6	81.8																			
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57																			
		ΔT	21	20	18	14	21	20	18	14	21	21	18	14	22	21	18	14	21	20	18	14	20	19	17	13	20	19	17	13																			
3300	kW	6.83	6.97	7.18	7.40	7.33	7.48	7.71	7.95	7.77	7.94	8.18	8.44	8.16	8.34	8.60	8.88	8.49	8.68	8.95	9.24	8.78	8.97	9.26	9.56	8.78	8.97	9.26	9.56																				
	Amps	10.8	11.0	11.3	11.7	11.5	11.8	12.1	12.5	12.4	12.7	13.1	13.5	13.2	13.5	13.9	14.4	14.0	14.3	14.7	15.2	14.7	15.1	15.5	16.1	14.7	15.1	15.5	16.1																				
	Hi PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	335	350	295	318	335	350																				
	LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95	77	81	89	95																				
	MBh	85.7	87.5	93.5	100.0	83.7	85.5	91.4	97.7	81.7	83.5	89.2	95.3	79.7	81.4	87.0	93.0	75.7	77.4	82.7	88.4	70.1	71.7	76.6	81.8	70.1	71.7	76.6	81.8																				

85	3000	MBh	85.9	87.5	91.7	97.8	83.9	85.5	89.5	95.5	81.9	83.4	87.4	93.2	79.9	81.4	85.3	91.0	75.9	77.3	81.0	86.4	70.3	71.6	75.0	80.1
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.94	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71
		ΔT	23	23	22	19	23	23	22	19	23	23	22	19	24	23	22	19	23	23	22	19	22	21	20	18
		kW	6.79	6.93	7.14	7.36	7.29	7.44	7.67	7.91	7.73	7.89	8.14	8.40	8.12	8.29	8.55	8.82	8.44	8.63	8.90	9.19	8.73	8.92	9.20	9.50
		Amps	10.7	10.9	11.2	11.6	11.5	11.7	12.1	12.5	12.4	12.6	13.0	13.4	13.1	13.4	13.8	14.3	13.9	14.2	14.6	15.1	14.6	15.0	15.4	16.0
	3245	Hi PR	162	175	184	192	182	196	207	216	207	223	235	245	236	254	268	279	265	285	301	314	293	315	333	347
		LO PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	73	78	85	91	76	81	88	94
		MBh	87.2	88.9	93.1	99.3	85.1	86.8	90.9	97.0	83.1	84.7	88.7	94.7	81.1	82.7	86.6	92.4	77.0	78.5	82.2	87.7	71.4	72.7	76.2	81.3
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	23	22	21	18	23	22	21	18	23	22	21	18	23	23	21	19	22	22	21	18	20	21	20	17
3300	kW	6.88	7.02	7.23	7.46	7.39	7.54	7.77	8.02	7.83	8.00	8.25	8.51	8.23	8.40	8.67	8.95	8.56	8.75	9.03	9.32	8.85	9.04	9.33	9.64	
	Amps	10.9	11.1	11.4	11.8	11.6	11.9	12.2	12.6	12.5	12.8	13.2	13.6	13.3	13.6	14.0	14.5	14.1	14.4	14.8	15.4	14.9	15.2	15.7	16.2	
	Hi PR	165	178	188	196	185	199	210	219	211	227	239	250	240	258	273	284	270	290	307	320	298	321	339	353	
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96	
	MBh	87.2	88.9	93.1	99.3	85.1	86.8	90.9	97.0	83.1	84.7	88.7	94.7	81.1	82.7	86.6	92.4	77.0	78.5	82.2	87.7	71.4	72.7	76.2	81.3	

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

EXPANDED COOLING DATA — G5C101203A* / AR120

		OUTDOOR AMBIENT TEMPERATURE												115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
70	4050	MBh	111.7	115.8	126.9	-	109.1	113.1	123.9	-	106.5	110.4	121.0	-	103.9	107.7	118.0	-	98.7	102.3	112.1	-	91.4	94.8	103.8	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

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

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

EXPANDED COOLING DATA — G5C101203A* / AR120 (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																							
		65°F						75°F						85°F						95°F						105°F						115°F									
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																							
80	MBh	115.6	118.1	126.2	134.9	112.9	115.4	123.3	131.8	110.2	112.7	120.4	128.7	107.6	109.9	117.4	125.5	102.2	104.4	111.5	119.2	94.6	96.7	103.3	110.5	94.6	96.7	103.3	110.5	94.6	96.7	103.3	110.5	94.6	96.7	103.3	110.5	94.6	96.7	103.3	110.5
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15	21	21	19	15	21	21	19	15	21	21	19	15	21	21	19	15
	kW	8.91	9.09	9.35	9.63	9.55	9.74	10.03	10.34	10.11	10.31	10.63	10.96	10.60	10.82	11.16	11.51	11.02	11.25	11.60	11.97	11.38	11.62	11.99	12.37	11.38	11.62	11.99	12.37	11.38	11.62	11.99	12.37	11.38	11.62	11.99	12.37	11.38	11.62	11.99	12.37
	Amps	22.1	22.6	23.3	24.1	23.7	24.3	25.0	25.9	25.6	26.2	27.0	28.0	27.3	27.9	28.7	29.8	28.9	29.6	30.5	31.6	30.5	31.2	32.2	33.3	30.5	31.2	32.2	33.3	30.5	31.2	32.2	33.3	30.5	31.2	32.2	33.3	30.5	31.2	32.2	33.3
	Hi PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296	250	269	284	296	250	269	284	296	250	269	284	296	250	269	284	296
	Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92	74	79	86	92	74	79	86	92	74	79	86	92	74	79	86	92
	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	91.9	93.9	100.3	107.2	91.9	93.9	100.3	107.2	91.9	93.9	100.3	107.2	91.9	93.9	100.3	107.2
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15
	kW	8.85	9.02	9.28	9.56	9.48	9.67	9.95	10.26	10.03	10.24	10.55	10.87	10.52	10.74	11.07	11.42	10.94	11.16	11.51	11.88	11.29	11.53	11.89	12.28	11.29	11.53	11.89	12.28	11.29	11.53	11.89	12.28	11.29	11.53	11.89	12.28	11.29	11.53	11.89	12.28
	Amps	21.9	22.4	23.1	23.9	23.5	24.1	24.8	25.6	25.4	26.0	26.8	27.7	27.0	27.6	28.5	29.5	28.6	29.3	30.2	31.3	30.2	30.9	31.9	33.1	30.2	30.9	31.9	33.1	30.2	30.9	31.9	33.1	30.2	30.9	31.9	33.1	30.2	30.9	31.9	33.1
	Hi PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293	247	266	281	293	247	266	281	293	247	266	281	293	247	266	281	293
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91	74	78	86	91	74	78	86	91	74	78	86	91	74	78	86	91
3150	MBh	103.6	105.9	113.1	120.9	101.2	103.4	110.5	118.1	98.8	100.9	107.9	115.3	96.4	98.5	105.2	112.5	91.6	93.6	100.0	106.9	84.8	86.7	92.6	99.0	84.8	86.7	92.6	99.0	84.8	86.7	92.6	99.0	84.8	86.7	92.6	99.0	84.8	86.7	92.6	99.0
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16
	kW	8.65	8.82	9.08	9.35	9.26	9.45	9.73	10.02	9.80	10.00	10.30	10.62	10.28	10.49	10.81	11.14	10.68	10.90	11.24	11.59	11.03	11.26	11.61	11.98	11.03	11.26	11.61	11.98	11.03	11.26	11.61	11.98	11.03	11.26	11.61	11.98	11.03	11.26	11.61	11.98
	Amps	21.4	21.9	22.5	23.3	23.0	23.5	24.2	25.0	24.8	25.3	26.1	27.0	26.3	26.9	27.8	28.7	27.9	28.5	29.4	30.5	29.4	30.1	31.1	32.2	29.4	30.1	31.1	32.2	29.4	30.1	31.1	32.2	29.4	30.1	31.1	32.2	29.4	30.1	31.1	32.2
	Hi PR	133	143	151	157	149	160	169	177	169	182	192	201	193	208	219	229	217	234	247	257	240	258	272	284	240	258	272	284	240	258	272	284	240	258	272	284	240	258	272	284
	Lo PR	57	61	66	71	60	64	70	75	63	67	73	78	66	70	77	82	69	74	80	86	72	76	83	88	72	76	83	88	72	76	83	88	72	76	83	88	72	76	83	88

4050	MBh	117.6	119.9	125.6	134.0	114.9	117.1	122.7	130.9	112.2	114.3	119.8	127.8	109.4	111.6	116.8	124.6	104.0	106.0	111.0	118.4	96.3	98.2	102.8	109.7
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
	ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	20	22	22	22	19
	kW	8.98	9.16	9.42	9.71	9.62	9.81	10.11	10.42	10.18	10.39	10.71	11.04	10.68	10.91	11.24	11.60	11.11	11.34	11.70	12.07	11.47	11.72	12.09	12.47
	Amps	22.3	22.8	23.5	24.3	23.9	24.5	25.2	26.1	25.8	26.4	27.2	28.2	27.5	28.1	29.0	30.0	29.1	29.8	30.7	31.8	30.8	31.5	32.5	33.6
	Hi PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	231	240	228	246	259	271	252	271	287	299
	Lo PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93
	MBh	114.2	116.4	121.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5
3600	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23	20
	kW	8.91	9.09	9.35	9.63	9.55	9.74	10.03	10.34	10.11	10.31	10.63	10.96	10.60	10.82	11.16	11.51	11.02	11.25	11.60	11.97	11.38	11.62	11.99	12.37
	Amps	22.1	22.6	23.3	24.1	23.7	24.3	25.0	25.9	25.6	26.2	27.0	28.0	27.3	27.9	28.7	29.8	28.9	29.6	30.5	31.6	30.5	31.2	32.2	33.3
	Hi PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
	Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92
	MBh	105.4	107.5	112.5	120.1	103.0	105.0	109.9	117.3	100.5	102.5	107.3	114.5	98.1	100.0	104.7	111.7	93.2	95.0	99.5	106.1	86.3	88.0	92.1	98.3
	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
3150	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	27	26	25	22	25	25	23	20
	kW	8.72	8.89	9.14	9.42	9.33	9.52	9.80	10.10	9.88	10.08	10.38	10.70	10.35	10.57	10.89	11.23	10.76	10.99	11.33	11.68	11.11	11.35	11.70	12.07
	Amps	21.6	22.0	22.7	23.5	23.1	23.7	24.4	25.2	25.0	25.5	26.3	27.2	26.6	27.2	28.0	29.0	28.1	28.8	29.7	30.7	29.7	30.4	31.3	32.5
	Hi PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287
	Lo PR	58	61	67	71	61	65	71	76	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89

EXPANDED COOLING DATA — G5C101203B* / AR120

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
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	
70	3600	MBh	106.8	110.7	121.3	-	104.3	108.2	118.5	-	101.9	105.6	115.7	-	99.4	103.0	112.9	-	94.4	97.9	107.2	-	87.5	90.6	99.3	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	7.81	7.97	8.21	-	8.39	8.56	8.82	-	8.89	9.08	9.36	-	9.34	9.53	9.84	-	9.72	9.92	10.24	-	10.04	10.26	10.59	-
		Amps	21.6	22.1	22.8	-	23.2	23.7	24.5	-	25.1	25.7	26.5	-	26.7	27.3	28.2	-	28.3	29.0	29.9	-	29.9	30.6	31.6	-
	HI PR	103	111	117	-	116	124	131	-	131	141	149	-	150	161	170	-	168	181	191	-	186	200	211	-	
	LO PR	43	45	49	-	45	48	52	-	47	50	54	-	49	52	57	-	51	55	60	-	53	57	62	-	
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-	
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
	3827	kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-
Amps		21.9	22.4	23.1	-	23.6	24.1	24.8	-	25.5	26.0	26.8	-	27.1	27.7	28.6	-	28.7	29.4	30.3	-	30.4	31.1	32.1	-	
HI PR		105	113	119	-	118	127	134	-	134	144	152	-	152	164	173	-	171	184	195	-	189	204	215	-	
LO PR		43	46	50	-	46	49	53	-	47	51	55	-	50	53	58	-	52	56	61	-	54	58	63	-	
MBh		108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-	
3900	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	
	kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-	
	Amps	21.9	22.4	23.1	-	23.6	24.1	24.8	-	25.5	26.0	26.8	-	27.1	27.7	28.6	-	28.7	29.4	30.3	-	30.4	31.1	32.1	-	
	HI PR	105	113	119	-	118	127	134	-	134	144	152	-	152	164	173	-	171	184	195	-	189	204	215	-	
LO PR	43	46	50	-	46	49	53	-	47	51	55	-	50	53	58	-	52	56	61	-	54	58	63	-		

3600	MBh	108.6	111.9	121.1	129.9	106.1	109.3	118.3	126.9	103.6	106.7	115.4	123.9	101.1	104.1	112.6	120.9	96.0	98.8	107.0	114.8	88.9	91.6	99.1	106.4
	S/T	0.74	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.85	0.76	0.58	0.37
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	7.88	8.03	8.28	8.53	8.45	8.63	8.89	9.17	8.96	9.15	9.44	9.74	9.41	9.61	9.92	10.24	9.79	10.00	10.32	10.66	10.12	10.34	10.68	11.03
	Amps	21.8	22.3	23.0	23.7	23.4	24.0	24.7	25.5	25.3	25.9	26.7	27.6	26.9	27.6	28.4	29.4	28.6	29.2	30.1	31.2	30.2	30.9	31.9	33.0
	HI PR	104	112	118	123	117	126	133	138	133	143	151	157	151	163	172	179	170	183	193	202	188	202	214	223
	LO PR	43	46	50	53	45	48	53	56	47	50	55	58	50	53	58	61	52	55	60	64	54	57	62	66
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18
3827	Amps	22.1	22.6	23.3	24.1	23.8	24.3	25.0	25.9	25.7	26.3	27.1	28.0	27.3	28.0	28.8	29.9	29.0	29.7	30.6	31.7	30.6	31.3	32.3	33.5
	HI PR	106	114	120	125	119	128	135	141	135	145	154	160	154	166	175	182	173	186	197	205	191	206	217	227
	LO PR	44	46	51	54	46	49	54	57	48	51	56	59	50	54	59	62	53	56	61	65	55	58	63	68
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18
	Amps	22.1	22.6	23.3	24.1	23.8	24.3	25.0	25.9	25.7	26.3	27.1	28.0	27.3	28.0	28.8	29.9	29.0	29.7	30.6	31.7	30.6	31.3	32.3	33.5
	HI PR	106	114	120	125	119	128	135	141	135	145	154	160	154	166	175	182	173	186	197	205	191	206	217	227
	LO PR	44	46	51	54	46	49	54	57	48	51	56	59	50	54	59	62	53	56	61	65	55	58	63	68
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
3900	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18
	Amps	22.1	22.6	23.3	24.1	23.8	24.3	25.0	25.9	25.7	26.3	27.1	28.0	27.3	28.0	28.8	29.9	29.0	29.7	30.6	31.7	30.6	31.3	32.3	33.5
	HI PR	106	114	120	125	119	128	135	141	135	145	154	160	154	166	175	182	173	186	197	205	191	206	217	227
	LO PR	44	46	51	54	46	49	54	57	48	51	56	59	50	54	59	62	53	56	61	65	55	58	63	68

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

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

EXPANDED COOLING DATA — G5C101203B* / AR120 (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		ENTERING INDOOR WET BULB TEMPERATURE																							
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	110.6	113.0	120.7	129.0	108.0	110.4	117.9	126.0	105.4	107.7	115.1	123.0	102.9	105.1	112.3	120.0	97.7	99.8	106.7	114.0	90.5	92.5	98.8	105.6
	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.53
	ΔT	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14
	kW	7.94	8.10	8.34	8.60	8.52	8.69	8.96	9.24	9.03	9.22	9.51	9.82	9.49	9.69	10.00	10.32	9.87	10.09	10.41	10.75	10.21	10.43	10.77	11.12
	Amps	22.0	22.5	23.2	23.9	23.6	24.2	24.9	25.8	25.5	26.1	26.9	27.9	27.2	27.8	28.7	29.7	28.8	29.5	30.4	31.5	30.4	31.1	32.1	33.3
	HI PR	105	113	119	125	118	127	134	140	134	144	152	159	153	164	174	181	172	185	195	204	190	204	216	225
	LO PR	43	46	50	54	46	49	53	57	48	51	55	59	50	53	58	62	52	56	61	65	54	58	63	67
	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
3900	kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28
	Amps	22.3	22.8	23.5	24.3	24.0	24.5	25.3	26.1	25.9	26.5	27.3	28.3	27.6	28.2	29.1	30.1	29.2	29.9	30.9	32.0	30.9	31.6	32.6	33.8
	HI PR	107	115	122	127	120	129	136	142	136	147	155	162	155	167	177	184	175	188	199	207	193	208	220	229
	LO PR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68
	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28
	Amps	22.3	22.8	23.5	24.3	24.0	24.5	25.3	26.1	25.9	26.5	27.3	28.3	27.6	28.2	29.1	30.1	29.2	29.9	30.9	32.0	30.9	31.6	32.6	33.8
	HI PR	107	115	122	127	120	129	136	142	136	147	155	162	155	167	177	184	175	188	199	207	193	208	220	229
LO PR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68	

EXPANDED COOLING DATA — G5C101204A* / AR120

		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
70	MBh	106.8	110.7	121.3	-	104.3	108.2	118.5	-	101.9	105.6	115.7	-	99.4	103.0	112.9	-	94.4	97.9	107.2	-	87.5	90.6	99.3	-
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	7.81	7.97	8.21	-	8.39	8.56	8.82	-	8.89	9.08	9.36	-	9.34	9.53	9.84	-	9.72	9.92	10.24	-	10.04	10.26	10.59	-
	Amps	10.8	11.0	11.4	-	11.6	11.9	12.2	-	12.5	12.8	13.2	-	13.4	13.7	14.1	-	14.2	14.5	14.9	-	14.9	15.3	15.8	-
	HI PR	152	164	173	-	171	184	194	-	194	209	221	-	221	238	252	-	249	268	283	-	275	296	313	-
	LO PR	57	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	69	74	81	-	72	76	83	-
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-
	Amps	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.7	13.0	13.4	-	13.5	13.9	14.3	-	14.4	14.7	15.2	-	15.2	15.5	16.0	-
HI PR	155	167	176	-	174	187	198	-	198	213	225	-	225	242	256	-	253	273	288	-	280	301	318	-	
LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-	
3900	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	7.92	8.08	8.32	-	8.50	8.67	8.94	-	9.01	9.20	9.49	-	9.46	9.67	9.97	-	9.85	10.06	10.38	-	10.18	10.40	10.74	-
	Amps	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.7	13.0	13.4	-	13.5	13.9	14.3	-	14.4	14.7	15.2	-	15.2	15.5	16.0	-
	HI PR	155	167	176	-	174	187	198	-	198	213	225	-	225	242	256	-	253	273	288	-	280	301	318	-
	LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-

3600	MBh	108.6	111.9	121.1	129.9	106.1	109.3	118.3	126.9	103.6	106.7	115.4	123.9	101.1	104.1	112.6	120.9	96.0	98.8	107.0	114.8	88.9	91.6	99.1	106.4	
	S/T	0.74	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.85	0.76	0.58	0.37	
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
	kW	7.88	8.03	8.28	8.53	8.45	8.63	8.89	9.17	8.96	9.15	9.44	9.74	9.41	9.61	9.92	10.24	9.79	10.00	10.32	10.66	10.12	10.34	10.68	11.03	
	Amps	10.9	11.1	11.5	11.9	11.7	12.0	12.3	12.8	12.7	12.9	13.3	13.8	13.5	13.8	14.2	14.7	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.5	
	Hi PR	154	166	175	182	173	186	196	205	196	211	223	233	224	241	254	265	252	271	286	298	278	299	316	329	
	Lo PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	81	87	73	77	84	90	
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0	
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39	
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18	
	3827	Amps	11.1	11.3	11.6	12.0	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.7	14.0	14.4	14.9	14.5	14.8	15.3	15.9	15.3	15.7	16.2	16.8
Hi PR		156	168	178	185	176	189	200	208	200	215	227	237	227	245	258	270	256	275	291	303	283	304	321	335	
Lo PR		59	63	69	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	79	86	91	
MBh		110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0	
S/T		0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39	
ΔT		20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	
kW		7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18	
Amps		11.1	11.3	11.6	12.0	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.7	14.0	14.4	14.9	14.5	14.8	15.3	15.9	15.3	15.7	16.2	16.8	
Hi PR		156	168	178	185	176	189	200	208	200	215	227	237	227	245	258	270	256	275	291	303	283	304	321	335	
Lo PR		59	63	69	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	79	86	91	
3900		MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	
	kW	7.98	8.14	8.39	8.64	8.57	8.74	9.01	9.30	9.08	9.28	9.57	9.87	9.54	9.75	10.05	10.38	9.93	10.14	10.47	10.81	10.27	10.49	10.83	11.18	
	Amps	11.1	11.3	11.6	12.0	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.7	14.0	14.4	14.9	14.5	14.8	15.3	15.9	15.3	15.7	16.2	16.8	
	Hi PR	156	168	178	185	176	189	200	208	200	215	227	237	227	245	258	270	256	275	291	303	283	304	321	335	
	Lo PR	59	63	69	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	79	86	91	

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

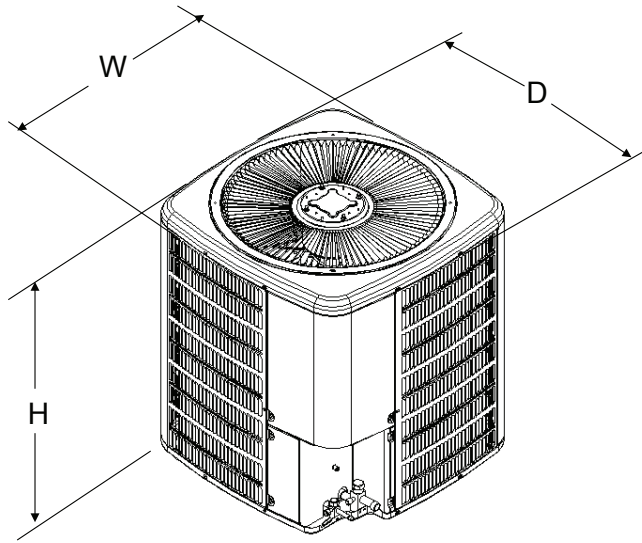
Shaded area reflects ACCA (TVA) conditions

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

EXPANDED COOLING DATA — G5C101204A* / AR120 (CONT.)

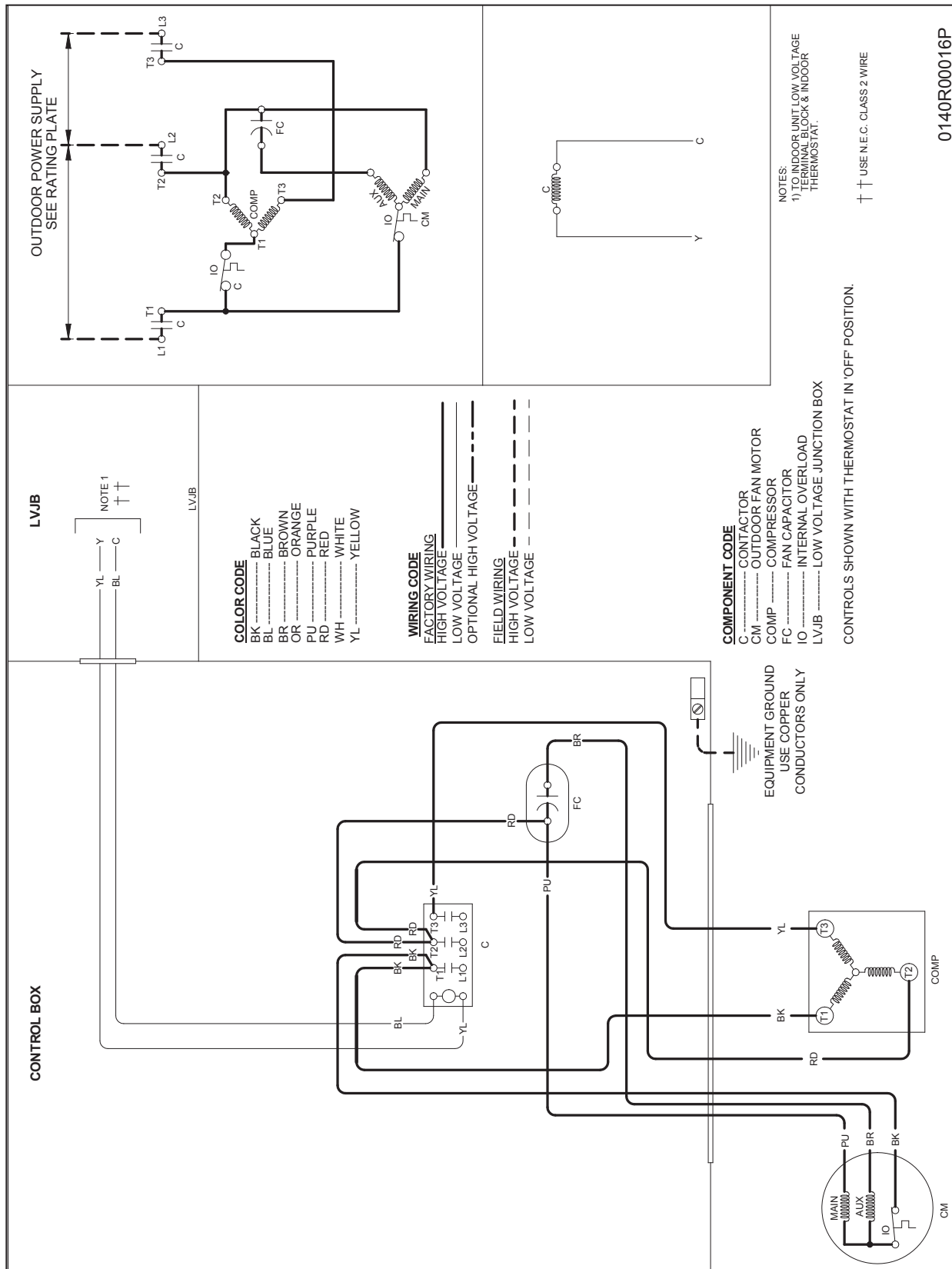
		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	MBh	110.6	113.0	120.7	129.0	108.0	110.4	117.9	126.0	105.4	107.7	115.1	123.0	102.9	105.1	112.3	120.0	97.7	99.8	106.7	114.0	90.5	92.5	98.8	105.6	
	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.53	
	ΔT	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14	
	kW	7.94	8.10	8.34	8.60	8.52	8.69	8.96	9.24	9.03	9.22	9.51	9.82	9.49	9.69	10.00	10.32	9.87	10.09	10.41	10.75	10.21	10.43	10.77	11.12	
	Amps	11.0	11.2	11.6	12.0	11.8	12.1	12.4	12.9	12.8	13.1	13.5	13.9	13.6	13.9	14.3	14.8	14.4	14.7	15.2	15.8	15.2	15.6	16.1	16.7	
	Hi PR	155	167	177	184	174	188	198	207	198	213	225	235	226	243	257	268	254	273	289	301	281	302	319	333	
	Lo PR	59	62	68	73	62	66	72	77	64	68	75	80	68	72	79	84	71	75	82	88	73	78	85	91	
	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14	
	kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28	
Amps	11.1	11.4	11.7	12.1	12.0	12.3	12.6	13.1	13.0	13.2	13.7	14.1	13.8	14.1	14.6	15.1	14.6	15.0	15.4	16.0	15.4	15.8	16.3	16.9		
Hi PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	258	278	294	306	286	307	325	339		
Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92		
3827	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	
	kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28	
	Amps	11.1	11.4	11.7	12.1	12.0	12.3	12.6	13.1	13.0	13.2	13.7	14.1	13.8	14.1	14.6	15.1	14.6	15.0	15.4	16.0	15.4	15.8	16.3	16.9	
	Hi PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	258	278	294	306	286	307	325	339	
	Lo PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92	
	3900	MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		kW	8.04	8.20	8.45	8.71	8.63	8.81	9.08	9.37	9.16	9.35	9.64	9.95	9.62	9.82	10.14	10.47	10.01	10.23	10.56	10.90	10.35	10.58	10.92	11.28
Amps		11.1	11.4	11.7	12.1	12.0	12.3	12.6	13.1	13.0	13.2	13.7	14.1	13.8	14.1	14.6	15.1	14.6	15.0	15.4	16.0	15.4	15.8	16.3	16.9	
Hi PR		158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	258	278	294	306	286	307	325	339	
Lo PR		60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92	

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSC130363*	29	29	30¾
GSC130483*	29	29	34¾
GSC130484*	29	29	34¾
GSC130603*	29	29	40
GSC130604*	29	29	40
GSC100903*	35½	35½	41½
GSC100904*	35½	35½	41½
GSC101203*	35½	35½	41½
GSC101204*	35½	35½	41½

GSC13 WIRING DIAGRAM



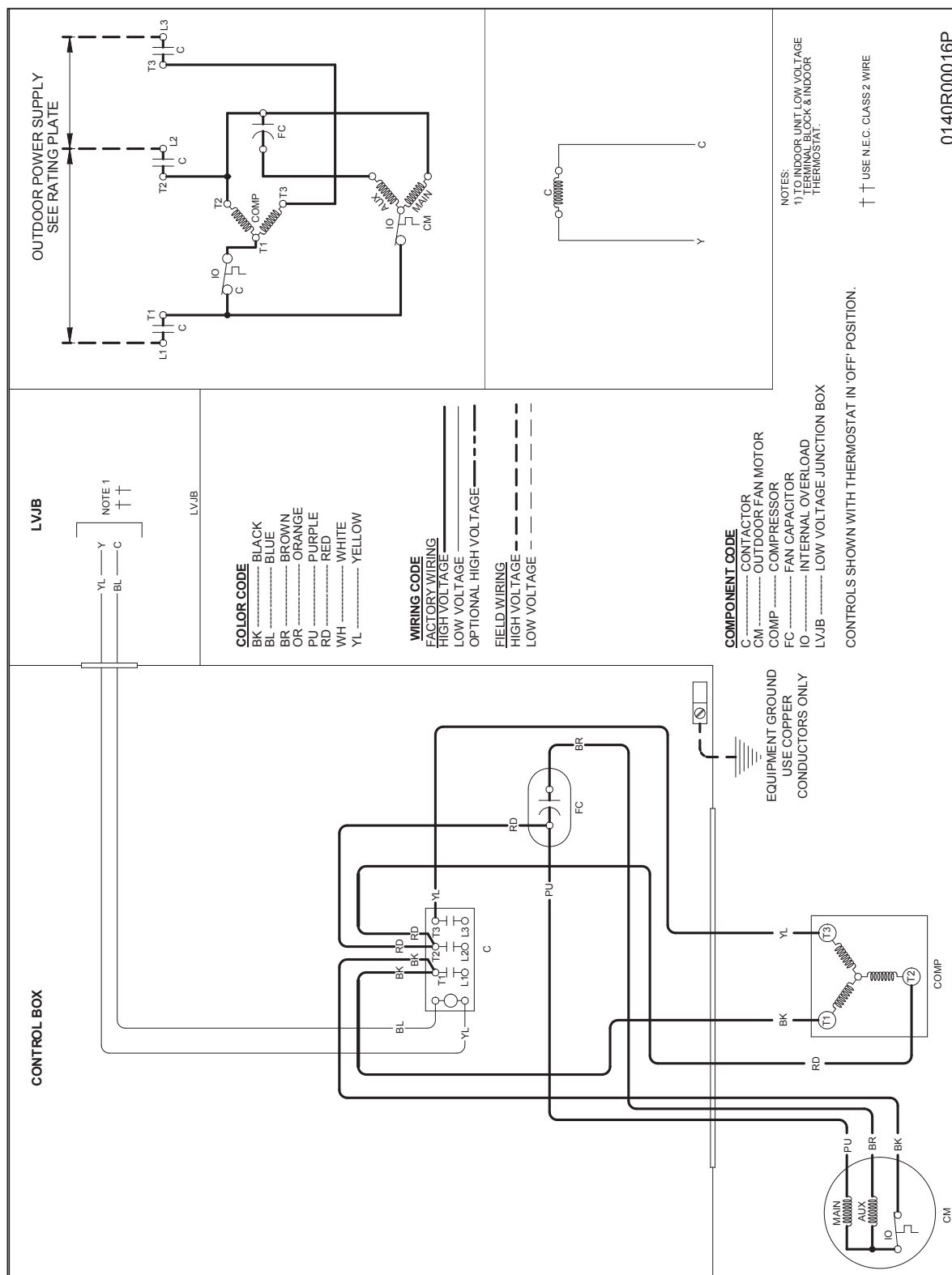
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



WARNING

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.

GSC10 WIRING DIAGRAM



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



WARNING

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.



ACCESSORIES

MODEL	DESCRIPTION
ABK-20	Anchor Bracket Kit •
FSK01A ¹	Freeze Protection Kit
HPTD18-60	Digital room thermostat with 1-stage cool/1-stage heat
HPT18-60	Standard room thermostat with 1-stage cool/1-stage heat
LA-01	Low Ambient Kit

- Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil