Goodman®
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

5 YEAR PARTS LIMITED WARRANTY*

* 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
G Goodman® brand

Product Category
S Split System

Unit Type
C Condenser R-22
H Heat Pump R-22

Efficiency
13 13 EER
10 11 EER

Nominal Capacity

036	3 Tons	090	7½ Tons
048	4 Tons	120	10 Tons
060	5 Tons		

Electrical
3 = 208/230 V, 3 Phase, 60 Hz
4 = 460 V, 3 Phase, 60 Hz

Engineering *
Major Revision

Engineering *
Minor Revision

* Neither used for order entry or inventory management.

American PRIDE
Proudly Assembled in Texas and Tennessee

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.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.)	1⅛"	1⅛"	1⅛"	1⅛"	1⅛"
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	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
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 ¾” to ⅞” adapters for suction line connections.
[4] Installer will need to supply ⅞” to 1⅛” 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 ⅜” 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.)	⅝"	⅝"	⅝"	⅝"	⅝"
Suction Valve Size (“O.D.) (7½ tons)	1⅜"	1⅜"	1⅜"	1⅜"	1⅜"
Suction Valve Size (“O.D.) (10 tons)	1⅝"	1⅝"	1⅝"	1⅝"	1⅝"
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 ⅞” adapters for suction line connections.
[4] Installer will need to supply ⅞” to 1⅛” 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 ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

Expanded Cooling Data — GSC130363B* / CA*F3636*6C*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	-
		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	-
	1200	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	-
		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	-
	1300	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	-
		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
	1200	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
		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
	1300	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

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130363B* / CA*F3636*6C* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1100	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
		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
	1200	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
		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
	1300	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
85	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
	1200	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
		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
	1300	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

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130483A* / CACF061-A2B

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1800	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	-
	1600	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	-
75	1800	MBh	45.4	46.7	50.6	54.3	44.3	45.6	49.4	53.0	43.3	44.5	48.2	51.7	42.2	**43.4**	47.0	50.5	40.1	41.3	44.7	48.0	37.1	38.2	41.4	44.4
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	**0.86**	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		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	4.05	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
		Hi PR	154	165	175	182	173	186	196	204	196	211	223	233	223	**240**	254	265	251	271	286	298	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
	1600	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.5	42.0	43.2	46.8	50.2	41.0	**42.2**	45.7	49.0	38.9	40.1	43.4	46.6	36.1	37.1	40.2	43.1
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	**0.82**	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	3.10	3.17	3.27	3.37	3.34	3.41	3.52	3.63	3.55	3.62	3.74	3.86	3.73	**3.81**	3.94	4.07	3.89	3.97	4.10	4.24	4.02	4.11	4.25	4.39
		Amps	10.0	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.7	12.0	12.3	12.8	12.5	**12.8**	13.2	13.7	13.2	13.6	14.0	14.5	14.0	14.3	14.8	15.4
		Hi PR	152	164	173	180	171	184	194	202	194	209	221	230	221	**238**	251	262	249	268	283	295	275	296	313	326
		Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	**78**	85	90	76	81	89	94	79	84	92	98
	1400	MBh	40.7	41.9	45.3	48.6	39.7	40.9	44.3	47.5	38.8	39.9	43.2	46.4	37.8	**38.9**	42.1	45.2	35.9	37.0	40.0	43.0	33.3	34.3	37.1	39.8
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	10
		kW	3.03	3.09	3.19	3.29	3.26	3.33	3.43	3.54	3.46	3.54	3.65	3.77	3.64	**3.72**	3.84	3.97	3.79	3.87	4.00	4.13	3.92	4.01	4.14	4.28
		Amps	9.7	10.0	10.3	10.6	10.5	10.7	11.1	11.5	11.4	11.6	12.0	12.4	12.1	**12.4**	12.8	13.3	12.9	13.2	13.6	14.1	13.6	14.0	14.4	14.9
		Hi PR	148	159	168	175	166	178	188	196	188	203	214	223	215	**231**	244	254	241	260	274	286	267	287	303	316
		Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	**75**	82	87	74	79	86	92	77	82	89	95

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130483A* / CACF061-A2B (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1800	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
		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
		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
		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
		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
		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
		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
	1600	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
		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	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	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
		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
		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
		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
	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
		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
		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
		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
		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
		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
		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
85	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
		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	1.00	0.81	1.00	1.00	1.00	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
		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
		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
		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
		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
	1600	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
		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	25	25	23	20	25	25	24	20	25	25	24	20	24	25	24	21	23	24	23	20	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
		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
		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
		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
	1400	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
		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
		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
		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
		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
		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
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130484A* & CA*F061*2* / CA*F4860*6A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1688	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	-
	1500	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	-
		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	-
	1313	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	-
75	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
	1500	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130484A* & CA*F061*2* / CA*F4860*6A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1688	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
		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
	1500	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
		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
	1313	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
85	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
	1500	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
		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
	1313	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

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130603A* / CACF061-A2B

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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	-	19	16	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	-
		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	-
	1700	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	-
		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	-
	1488	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	-
		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	-
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	0.79	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
	1700	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
		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
	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	0.73	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	16.6	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

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130603A* / CACF061-A2B (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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	0.87	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
		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
		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
		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
	1700	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	0.83	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
		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
		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
		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
	1488	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	0.80	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
		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
		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
		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
		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
		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
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
		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
	1488	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
		kW	3.94	4.03	4.16	4.29	4.25	4.35	4.49	4.64	4.53	4.63	4.78	4.95	4.77	4.88	5.04	5.22	4.98	5.09	5.26	5.45	5.16	5.27	5.45	5.64
		Amps	12.7	13.0	13.4	13.9	13.7	14.1	14.5	15.1	14.9	15.3	15.8	16.4	15.9	16.3	16.9	17.5	16.9	17.4	17.9	18.6	18.0	18.4	19.0	19.7
		Hi PR	142	153	162	169	160	172	181	189	182	195	206	215	207	222	235	245	233	250	264	276	257	277	292	305
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130604A* & CA*F061*2* / CA*F4860*6A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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	0.73	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	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		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	-
		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	-
		Hi PR	146	157	166	-	163	176	186	-	186	200	211	-	212	228	241	-	238	256	271	-	263	283	299	-
		Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	1700	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	0.69	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	-
		ΔT	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	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	-
		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	-
		Hi PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	238	-	236	254	268	-	261	280	296	-
		Lo PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	85	-
	1488	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	-
		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	-
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	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	-
		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	-
		Hi PR	140	151	159	-	157	169	178	-	179	192	203	-	203	219	231	-	229	246	260	-	253	272	287	-
		Lo PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	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
	1700	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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC130604A* & CA*F061*2* / CA*F4860*6A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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
	1700	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
		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
	1488	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
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	0.95	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
	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	0.90	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
		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
	1488	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

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC100903* / AR090

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	3038	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	-
		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	-
	2700	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	-
		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	-
		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	-
	2363	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	-
		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	-
75	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
		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
	2700	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
		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
		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

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

EXPANDED COOLING DATA — GSC100903* / AR090 (CONT.)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	3038	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	8.19	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
	2700	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
		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
	2363	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
85	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	23	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
	2700	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
		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
	2363	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

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC100904* / AR090

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	3000	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	-
		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	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	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	-
		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	-
		HI PR	157	169	179	-	177	190	201	-	201	216	228	-	229	246	260	-	257	277	293	-	284	306	323	-
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-
	3245	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	-
		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	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	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	-
		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	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	265	-	262	282	298	-	289	311	329	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	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	-
		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	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	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	-
		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	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	265	-	262	282	298	-	289	311	329	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-

75	3000	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
		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
		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
		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
		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
		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
		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
	3245	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
		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	19	17	14	10	19	18	14	10	19	18	14	10	19	**18**	15	10	19	18	14	10	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
		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
		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
		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
	3300	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
		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	19	17	14	10	19	17	14	10	19	17	14	10	19	**17**	14	10	19	17	14	10	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
		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
		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
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC100904* / AR090 (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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
		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
		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
		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
		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
		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
		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
	3245	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
		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
		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
		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
		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
		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
		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
	3300	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
		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
		ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	17	14	20	19	16	13
		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
		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
		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
		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
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
		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
	3245	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
		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
	3300	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	22	22	21	18	22	22	21	18	22	22	21	18	23	22	21	18	21	22	21	18	20	20	19	17
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC101203A* / AR120

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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	-
		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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	8.78	8.95	9.21	-	9.40	9.59	9.88	-	9.95	10.15	10.46	-	10.44	10.65	10.98	-	10.85	11.07	11.42	-	11.20	11.44	11.80	-
		Amps	21.7	22.2	22.9	-	23.3	23.9	24.6	-	25.2	25.8	26.6	-	26.8	27.4	28.2	-	28.4	29.0	29.9	-	30.0	30.7	31.6	-
		Hi PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278	-
		Lo PR	58	62	68	-	62	66	72	-	64	68	74	-	67	72	78	-	71	75	82	-	73	78	85	-
	3600	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	0.69	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	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		kW	8.72	8.89	9.15	-	9.33	9.52	9.80	-	9.88	10.08	10.38	-	10.36	10.57	10.89	-	10.76	10.99	11.33	-	11.12	11.35	11.70	-
		Amps	21.6	22.0	22.7	-	23.2	23.7	24.4	-	25.0	25.5	26.3	-	26.6	27.2	28.0	-	28.1	28.8	29.7	-	29.7	30.4	31.4	-
		Hi PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-
		Lo PR	58	61	67	-	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-
	3150	MBh	100.1	103.8	113.7	-	97.8	101.3	111.0	-	95.4	98.9	108.4	-	93.1	96.5	105.7	-	88.5	91.7	100.5	-	81.9	84.9	93.1	-
		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	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	8.53	8.69	8.94	-	9.13	9.31	9.58	-	9.65	9.85	10.14	-	10.12	10.32	10.64	-	10.51	10.73	11.06	-	10.85	11.08	11.42	-
		Amps	21.0	21.5	22.1	-	22.6	23.1	23.8	-	24.4	24.9	25.7	-	25.9	26.5	27.3	-	27.4	28.0	28.9	-	28.9	29.6	30.5	-
		Hi PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-
		Lo PR	56	60	65	-	59	63	69	-	62	65	71	-	65	69	75	-	68	72	79	-	70	75	81	-
75	4050	MBh	113.6	117.0	126.6	135.9	111.0	114.2	123.7	132.7	108.3	111.5	120.7	129.6	105.7	**108.8**	117.8	126.4	100.4	103.4	111.9	120.1	93.0	95.7	103.6	111.2
		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	21	20	16	11	21	20	16	11	21	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	8.85	9.02	9.28	9.56	9.48	9.67	9.95	10.26	10.03	10.23	10.55	10.87	10.52	**10.74**	11.07	11.42	10.93	11.16	11.51	11.88	11.29	11.53	11.89	12.27
		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
		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
		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
	3600	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	0.78	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	22	20	17	12	22	21	17	12	22	21	17	12	23	**21**	17	12	22	20	17	12	21	19	16	11
		kW	8.78	8.96	9.22	9.49	9.41	9.59	9.88	10.18	9.95	10.16	10.46	10.79	10.44	**10.65**	10.98	11.33	10.85	11.08	11.42	11.78	11.21	11.44	11.80	12.18
		Amps	21.8	22.2	22.9	23.7	23.4	23.9	24.6	25.4	25.2	25.8	26.6	27.5	26.8	**27.4**	28.3	29.3	28.4	29.0	30.0	31.0	30.0	30.7	31.6	32.8
		Hi PR	135	146	154	161	152	164	173	180	173	186	196	205	197	**212**	224	233	222	238	252	263	245	263	278	290
		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
	3150	MBh	101.8	104.8	113.5	121.8	99.4	102.4	110.8	118.9	97.1	99.9	108.2	116.1	94.7	**97.5**	105.5	113.3	90.0	92.6	100.3	107.6	83.3	85.8	92.9	99.7
		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	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	19	16	11
		kW	8.59	8.76	9.01	9.28	9.19	9.38	9.65	9.94	9.73	9.92	10.22	10.54	10.20	**10.41**	10.72	11.06	10.60	10.82	11.15	11.50	10.94	11.17	11.52	11.88
		Amps	21.2	21.7	22.3	23.1	22.8	23.3	24.0	24.8	24.6	25.1	25.9	26.8	26.1	**26.7**	27.5	28.5	27.7	28.3	29.2	30.2	29.2	29.9	30.8	31.9
		Hi PR	131	141	149	156	147	159	168	175	168	180	191	199	191	**206**	217	226	215	231	244	255	237	255	270	281
		Lo PR	57	60	66	70	60	64	69	74	62	66	72	77	65	**69**	76	81	68	73	80	85	71	75	82	88

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC101203A* / AR120 (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	4050	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
		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	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	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
		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
	3600	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	0.86	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	16	25	24	21	17	25	24	21	17	25	24	**21**	17	25	24	21	17	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
		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
		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
		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
	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
		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	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	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
		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
		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
		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
85	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
	3600	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
		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
	3150	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
		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

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC101203B* / AR120

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	-
	3827	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	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	-
	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	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	-
75	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
	3827	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
		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
	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	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

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC101203B* / AR120 (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	3600	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
	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	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	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
	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	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
85	3600	MBh	112.5	114.7	120.1	128.1	109.9	112.0	117.3	125.2	107.3	109.3	114.5	122.2	104.7	106.7	111.7	119.2	99.4	101.3	106.1	113.2	92.1	93.9	98.3	104.9
		S/T	0.86	0.83	0.75	0.60	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.86	0.69
		ΔT	25	24	23	20	25	24	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	21	19
		kW	8.00	8.16	8.40	8.66	8.58	8.76	9.03	9.32	9.10	9.30	9.59	9.90	9.56	9.77	10.08	10.40	9.95	10.17	10.49	10.84	10.29	10.51	10.85	11.21
		Amps	22.2	22.7	23.3	24.2	23.8	24.4	25.1	26.0	25.7	26.3	27.2	28.1	27.4	28.0	28.9	30.0	29.1	29.7	30.7	31.8	30.7	31.4	32.4	33.6
		HI PR	106	114	121	126	119	128	135	141	135	146	154	161	154	166	175	183	174	187	197	206	192	206	218	227
		LO PR	44	47	51	54	46	49	54	57	48	51	56	59	51	54	59	62	53	56	61	65	55	58	64	68
	3827	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
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	23	21	18
		kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37
		Amps	22.5	23.0	23.7	24.5	24.2	24.7	25.5	26.4	26.1	26.7	27.6	28.5	27.8	28.5	29.4	30.4	29.5	30.2	31.1	32.3	31.2	31.9	32.9	34.1
		HI PR	108	116	123	128	121	130	138	144	138	148	157	163	157	169	178	186	177	190	201	209	195	210	222	231
		LO PR	45	47	52	55	47	50	55	58	49	52	57	61	51	55	60	64	54	57	63	67	56	59	65	69
	3900	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
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	24	24	22	19	22	22	21	18
		kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37
		Amps	22.5	23.0	23.7	24.5	24.2	24.7	25.5	26.4	26.1	26.7	27.6	28.5	27.8	28.5	29.4	30.4	29.5	30.2	31.1	32.3	31.2	31.9	32.9	34.1
		HI PR	108	116	123	128	121	130	138	144	138	148	157	163	157	169	178	186	177	190	201	209	195	210	222	231
		LO PR	45	47	52	55	47	50	55	58	49	52	57	61	51	55	60	64	54	57	63	67	56	59	65	69

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	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	-
	3827	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	-
75	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
	3827	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
		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

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — GSC101204A* / AR120 (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	3600	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
	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	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
	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
85	3600	MBh	112.5	114.7	120.1	128.1	109.9	112.0	117.3	125.2	107.3	109.3	114.5	122.2	104.7	106.7	111.7	119.2	99.4	101.3	106.1	113.2	92.1	93.9	98.3	104.9
		S/T	0.86	0.83	0.75	0.60	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.86	0.69
		ΔT	25	24	23	20	25	24	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	21	19
		kW	8.00	8.16	8.40	8.66	8.58	8.76	9.03	9.32	9.10	9.30	9.59	9.90	9.56	9.77	10.08	10.40	9.95	10.17	10.49	10.84	10.29	10.51	10.85	11.21
		Amps	11.1	11.3	11.7	12.1	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.3	15.9	15.3	15.7	16.2	16.8
		HI PR	157	169	178	186	176	190	200	209	200	216	228	237	228	245	259	270	257	276	292	304	284	305	322	336
		LO PR	59	63	69	73	63	67	73	77	65	69	76	80	68	73	79	84	72	76	83	89	74	79	86	92
	3827	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
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	23	21	18
		kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37
		Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.7	13.2	13.1	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.8	15.1	15.6	16.1	15.6	15.9	16.5	17.1
		HI PR	160	172	181	189	179	193	204	212	204	219	232	241	232	250	264	275	261	281	297	309	288	310	328	342
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	69	74	81	86	73	77	85	90	75	80	87	93
	3900	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
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	24	24	22	19	22	22	21	18
		kW	8.10	8.27	8.52	8.78	8.70	8.88	9.16	9.45	9.23	9.42	9.72	10.03	9.70	9.90	10.22	10.55	10.09	10.31	10.64	10.99	10.44	10.66	11.01	11.37
		Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.7	13.2	13.1	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.8	15.1	15.6	16.1	15.6	15.9	16.5	17.1
		HI PR	160	172	181	189	179	193	204	212	204	219	232	241	232	250	264	275	261	281	297	309	288	310	328	342
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	69	74	81	86	73	77	85	90	75	80	87	93

IDB: Entering Indoor Dry Bulb Temperature

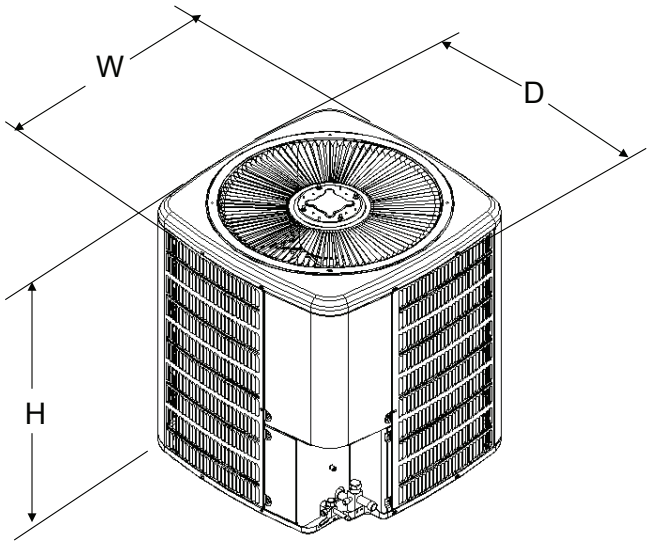
Shaded area reflects AHRI (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

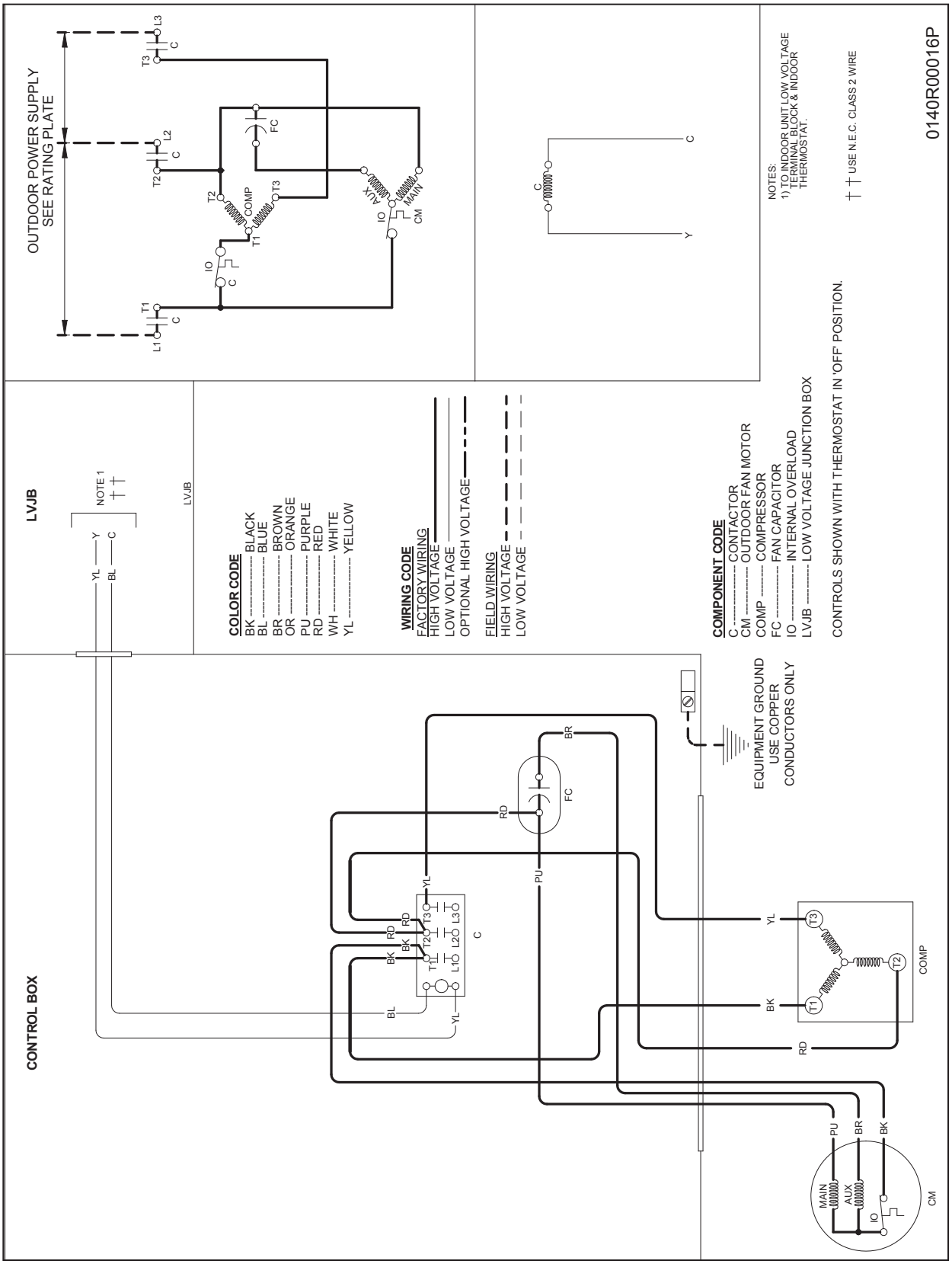
kW = Total system power

Dimensions



Model	Dimensions		
	W"	D"	H"
GSC130363*	29	29	30¼
GSC130483*	29	29	34¼
GSC130484*	29	29	34¼
GSC130603*	29	29	40
GSC130604*	29	29	40
GSC100903*	35½	35½	41½
GSC100904*	35½	35½	41½
GSC101203*	35½	35½	41½
GSC101204*	35½	35½	41½

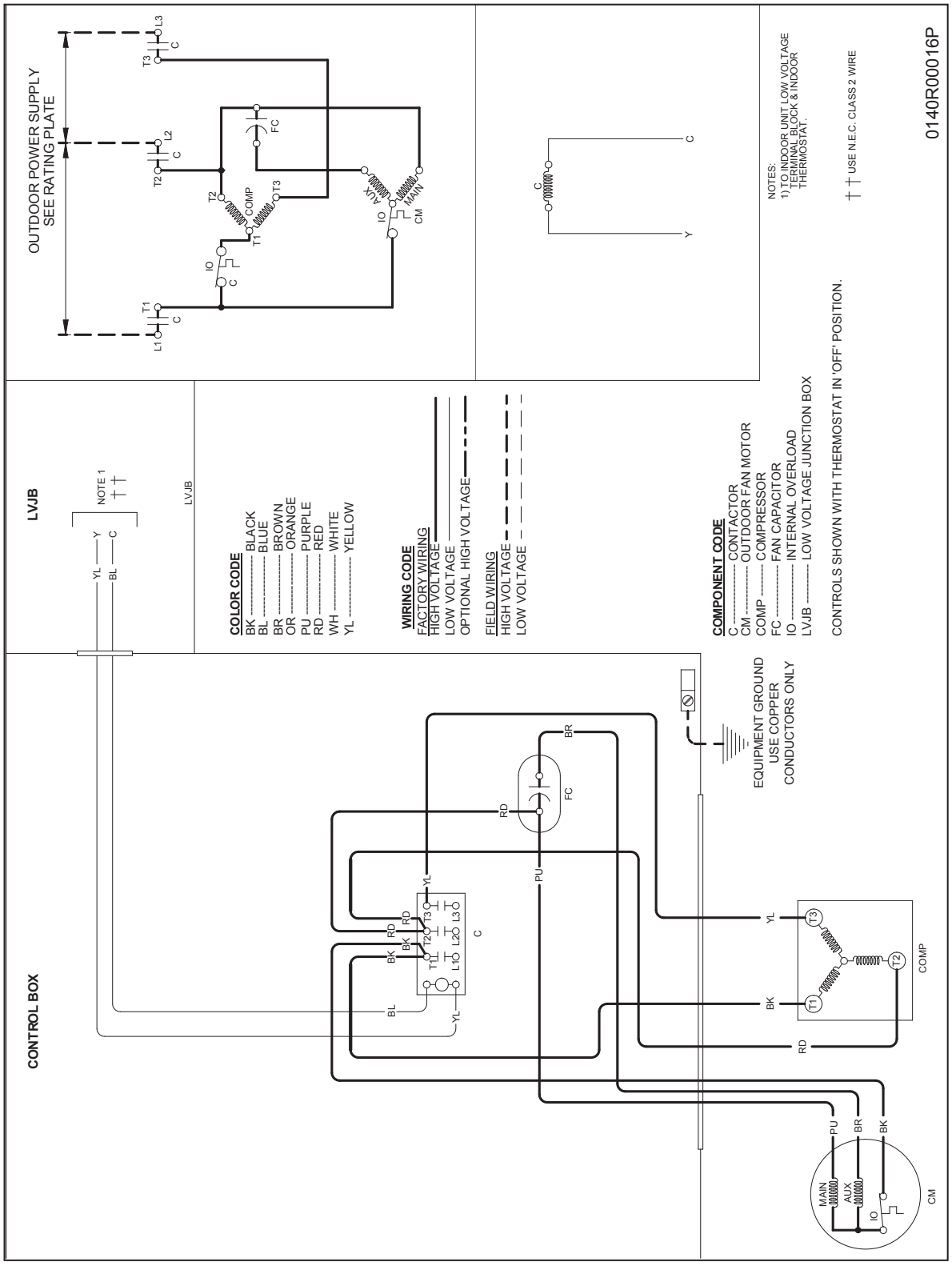
GSC13 WIRING DIAGRAM



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