



Air Conditioning & Heating

GSC13

SPLIT SYSTEM AIR CONDITIONER

13 SEER / R-22

1½ TO 5 TONS

Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid-line filter drier
- Copper tube/aluminum fin coil
- For use with R-22 refrigerant; charged with inert gas for shipping
- R-22 piston kit included
- Brass liquid and suction service valves with sweat connections
- Contactor with lug connections
- Ground lug connection
- ETL Listed

Cabinet Features

- Louver design sound control top
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Contents

Nomenclature	2
Product Specifications	3
Expanded Cooling Data	4
AHRI Ratings	18
Wiring Diagram	19
Dimensions	20
Accessories	20



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

NOMENCLATURE

	G	S	C	13	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand	G Goodman® (Standard Feature Set Models)								Engineering * Minor Revision
Product Category	S Split System								Engineering * Major Revision
Unit Type	C Condenser R-22 H Heat Pump R-22						1 208/230 V, 1 Phase, 60 Hz		Electrical
Efficiency	13 13 SEER								Nominal Capacity
							018 1½ Tons	042 3½ Tons	
							024 2 Tons	048 4 Tons	
							030 2½ Tons	060 5 Tons	
							036 3 Tons		

* Neither used for order entry or inventory management.



SPECIFICATIONS

	GSC13 0181G*	GSC13 0241F*	GSC13 0301E*	GSC13 0361G*	GSC13 0421C*	GSC13 0481C*	GSC13 0601D*
COOLING CAPACITIES							
Tonnage	1½	2	2½	3	3½	4	5
Decibels	76	76	72	75	76	76	77
COMPRESSOR							
RLA	6.8	10.8	13.5	13.4	15.4	19.2	21.8
LRA	40	56	68	74	87	112	137
CONDENSER FAN MOTOR							
Horsepower	1/8	1/8	1/8	1/6	¼	¼	¼
FLA	0.7	0.7	0.7	1.1	1.5	1.5	1.5
REFRIGERATION SYSTEM							
Refrigerant Line Size							
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.) ³	¾"	¾"	¾"	¾" ³	¾" ³	⅞" 4	⅞" 4
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	87	77	66	77	108	128	118
ELECTRICAL DATA							
AC Volts-Hz	208-230/ 60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Min. Circuit Ampacity ¹	9.2	14.2	17.6	17.9	20.8	25.5	28.8
Max. Overcurrent Device ²	15	25	30	30	35	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)							
	116	116	142	141	141	176	207
SHIP WEIGHT (LBS)							
	130	130	159	159	159	194	225

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 ⅝" adapters for suction line connections.

⁴ Installer will need to supply ⅝" to 1¼" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Charge with refrigerant charge listed on S&R plate; 15' of ⅝" line included in this charge. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED RATINGS — GSC130181G*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
70	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-					
		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	-					
	600	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-					
		kW	1.01	1.03	1.07	-	1.10	1.12	1.16	-	1.17	1.20	1.25	-	1.24	1.27	1.32	-	1.30	1.33	1.38	-	1.35	1.38	1.43	-					
	675	Amps	4.2	4.3	4.5	-	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.2	5.4	5.5	-	5.5	5.7	5.9	-	5.9	6.0	6.2	-					
		HI PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-					
	75	525	LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-				
			MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-				
	70	600	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	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-				
75	675	kW	1.04	1.06	1.10	-	1.13	1.15	1.20	-	1.21	1.24	1.28	-	1.28	1.31	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-					
		Amps	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.0	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-					
70	525	HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-					
		LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-					
75	600	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-					
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-					
70	675	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-					
		kW	1.05	1.07	1.11	-	1.14	1.17	1.21	-	1.22	1.25	1.29	-	1.29	1.32	1.37	-	1.35	1.38	1.43	-	1.40	1.44	1.49	-					
75	525	Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.1	-	6.1	6.2	6.4	-					
		HI PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278	-					
70	675	LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-					
		MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7					
75	600	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	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11					
70	525	kW	1.02	1.04	1.08	1.12	1.11	1.13	1.17	1.22	1.19	1.21	1.26	1.30	1.25	1.28	1.33	1.38	1.31	1.34	1.39	1.44	1.36	1.40	1.45	1.50					
		Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5					
75	675	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	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92					
70	525	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1					
		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					
75	600	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11					
		kW	1.05	1.07	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.34	1.29	1.32	1.37	1.42	1.35	1.38	1.43	1.49	1.40	1.44	1.49	1.54					
70	525	Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	6.6					
		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					
75	675	LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95					
		MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6					
70	525	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43					
		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					
75	600	kW	1.06	1.08	1.12	1.16	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.38	1.43	1.36	1.39	1.45	1.50	1.41	1.45	1.50	1.56					
		Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7					
70	525	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	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	89	96					

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130181G* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6						
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57						
	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	1.03	1.05	1.09	1.1	1.12	1.14	1.19	1.23	1.20	1.22	1.27	1.3	1.27	1.30	1.34	1.39	1.32	1.36	1.41	1.5	1.37	1.41	1.46	1.51						
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	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	6.0	6.1	6.3	6.5						
85	HI PR	133	143	151	157.3	149	160	169	177	169	182	192	200.8	193	208	219	229	217	234	247	257.2	240	258	272	284						
	LO PR	60	64	70	74.3	63	68	74	79	66	70	77	81.6	69	74	81	86	73	77	84	89.9	75	80	87	93						
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9						
	S/T	0.90	0.84	0.68	0.5	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.6	1.00	0.96	0.78	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						
88	kW	1.06	1.08	1.12	1.2	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.4	1.30	1.33	1.38	1.43	1.36	1.40	1.45	1.5	1.41	1.45	1.50	1.56						
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7						
	HI PR	137	147	155	162.2	154	165	174	182	175	188	198	207.0	199	214	226	236	224	241	254	265.2	247	266	281	293						
	LO PR	62	66	72	76.6	65	70	76	81	68	72	79	84.2	71	76	83	88	75	80	87	92.6	77	82	90	96						
	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4						
91	S/T	0.94	0.88	0.72	0.5	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.6	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.6	1.00	1.00	0.82	0.62						
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15						
	kW	1.07	1.09	1.13	1.2	1.16	1.19	1.23	1.27	1.24	1.27	1.32	1.4	1.31	1.34	1.39	1.45	1.37	1.41	1.46	1.5	1.43	1.46	1.52	1.57						
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8						
	HI PR	138	149	157	163.8	155	167	176	184	176	190	200	209.0	201	216	228	238	226	243	257	267.8	250	269	284	296						
94	LO PR	63	67	73	77.4	66	70	77	82	69	73	80	85.0	72	77	84	89	76	80	88	93.6	78	83	91	97						
	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5						
	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	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73						
	ΔT	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20						
	kW	1.04	1.06	1.10	1.14	1.13	1.15	1.20	1.24	1.21	1.24	1.28	1.33	1.28	1.31	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.53						
97	Amps	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6						
	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	61	65	71	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94						
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8						
	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						
100	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	20	20						
	kW	1.07	1.09	1.13	1.17	1.16	1.19	1.23	1.27	1.24	1.27	1.32	1.36	1.31	1.34	1.39	1.45	1.37	1.41	1.46	1.51	1.43	1.46	1.52	1.57						
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8						
	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	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97						
103	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3						
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80						
	ΔT	25	25	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19						
	kW	1.08	1.10	1.14	1.18	1.17	1.20	1.24	1.29	1.25	1.28	1.33	1.38	1.32	1.36	1.41	1.46	1.39	1.42	1.47	1.53	1.44	1.48	1.53	1.59						
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5	6.2	6.4	6.6	6.8						
106	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	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98						

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130241F*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
70	700	MBh	20.0	20.8	22.7	-	19.6	20.3	22.2	-	19.1	19.8	21.7	-	18.6	19.3	21.1	-	17.7	18.3	20.1	-	16.4	17.0	18.6	-											
		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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-											
		kW	1.48	1.52	1.57	-	1.61	1.65	1.71	-	1.73	1.77	1.83	-	1.83	1.87	1.94	-	1.91	1.96	2.03	-	1.99	2.04	2.11	-											
		Amps	7.0	7.1	7.3	-	7.5	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.8	-											
		HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-											
	LO PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	77	-	69	73	80	-	71	76	83	-												
	MBh	21.7	22.5	24.6	-	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-												
	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	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-												
	kW	1.52	1.56	1.62	-	1.66	1.70	1.76	-	1.78	1.82	1.89	-	1.88	1.93	2.00	-	1.97	2.02	2.09	-	2.05	2.10	2.17	-												
	Amps	7.2	7.3	7.5	-	7.6	7.8	8.0	-	8.2	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-												
HI PR	138	149	157	-	155	167	176	-	176	190	200	-	201	216	228	-	226	243	257	-	250	269	284	-													
LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-													
MBh	22.3	23.2	25.4	-	21.8	22.6	24.8	-	21.3	22.1	24.2	-	20.8	21.5	23.6	-	19.7	20.5	22.4	-	18.3	19.0	20.8	-													
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	17	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-													
kW	1.54	1.58	1.63	-	1.67	1.71	1.78	-	1.79	1.84	1.90	-	1.90	1.95	2.02	-	1.99	2.04	2.11	-	2.07	2.12	2.19	-													
Amps	7.2	7.3	7.5	-	7.7	7.8	8.1	-	8.2	8.4	8.6	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-													
HI PR	140	150	159	-	157	169	178	-	178	192	202	-	203	218	231	-	228	246	259	-	252	271	287	-													
LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	84	-	74	79	86	-													
75	700	MBh	20.4	21.0	22.7	24.4	19.9	20.5	22.2	23.8	19.4	20.0	21.6	23.2	18.9	19.5	21.1	22.7	18.0	18.5	20.1	21.5	16.7	17.2	18.6	19.9											
		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	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10											
		kW	1.50	1.53	1.59	1.65	1.63	1.67	1.73	1.79	1.74	1.79	1.85	1.92	1.85	1.89	1.96	2.03	1.93	1.98	2.05	2.13	2.01	2.06	2.13	2.21											
		Amps	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2											
		HI PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	222	245	263	278	290										
	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												
	MBh	22.1	22.7	24.6	26.4	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	21.1	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6												
	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	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10												
	kW	1.54	1.58	1.63	1.69	1.67	1.71	1.78	1.84	1.79	1.84	1.90	1.97	1.90	1.95	2.02	2.09	1.99	2.04	2.11	2.19	2.07	2.12	2.20	2.28												
	Amps	7.2	7.3	7.5	7.8	7.7	7.8	8.1	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5												
HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	218	231	241	228	246	260	271	252	272	287	299													
LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	77	84	89	74	79	86	92													
MBh	22.7	23.4	25.3	27.2	22.2	22.8	24.7	26.5	21.7	22.3	24.1	25.9	21.1	21.8	23.6	25.3	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2													
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	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9													
kW	1.55	1.59	1.65	1.71	1.69	1.73	1.79	1.86	1.81	1.85	1.92	1.99	1.92	1.96	2.04	2.11	2.01	2.06	2.13	2.21	2.09	2.14	2.22	2.30													
Amps	7.3	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.3	9.5	9.7	10.1	9.7	10.0	10.3	10.6													
HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	273	255	274	290	302													
LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93													

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

EXPANDED RATINGS — GSC130241F* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	700	MBh	20.7	21.2	22.6	24.2	20.2	20.7	22.1	23.6	19.8	20.2	21.6	23.1	19.3	19.7	21.0	22.5	18.3	18.7	20.0	21.4	17.0	17.3	18.5	19.8
		S/T	0.83	0.78	0.63	0.5	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.5	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.5	0.95	0.89	0.73	0.54
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		kW	1.51	1.55	1.60	1.7	1.64	1.68	1.74	1.81	1.76	1.80	1.87	1.9	1.86	1.91	1.98	2.05	1.95	2.00	2.07	2.2	2.03	2.08	2.15	2.23
		Amps	7.1	7.2	7.4	7.7	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3
	800	HI PR	137	147	155	162.2	154	165	174	182	175	188	198	207.0	199	214	226	236	224	241	254	265.2	247	266	281	293
		LO PR	58	62	68	72.1	62	66	72	76	64	68	74	79.2	67	72	78	83	70	75	82	87.2	73	78	85	90
		MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4
		S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.75	0.56
		ΔT	22	21	18	15	22	22	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
900	kW	1.55	1.59	1.65	1.7	1.69	1.73	1.79	1.86	1.81	1.85	1.92	2.0	1.92	1.96	2.04	2.11	2.01	2.06	2.13	2.2	2.09	2.14	2.22	2.30	
	Amps	7.3	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.3	9.5	9.7	10.1	9.7	10.0	10.3	10.6	
	HI PR	141	152	160	167.2	158	170	180	188	180	194	205	213.4	205	221	233	243	231	248	262	273.4	255	274	290	302	
	LO PR	60	64	70	74.3	63	68	74	79	66	70	77	81.6	69	74	81	86	73	77	84	89.8	75	80	87	93	
	MBh	23.1	23.6	25.2	27.0	22.6	23.1	24.7	26.4	22.0	22.5	24.1	25.7	21.5	22.0	23.5	25.1	20.4	20.9	22.3	23.8	18.9	19.3	20.7	22.1	
85	700	S/T	0.90	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.5	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.6	1.00	0.97	0.79	0.59
		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	18	14	19	19	17	13
		kW	1.57	1.60	1.66	1.7	1.70	1.75	1.81	1.88	1.83	1.87	1.94	2.0	1.93	1.98	2.05	2.13	2.03	2.08	2.15	2.2	2.10	2.16	2.24	2.32
		Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.2	8.4	8.4	8.5	8.8	9.1	8.9	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.7
		HI PR	142	153	162	168.9	160	172	182	189	182	196	207	215.5	207	223	235	245	233	251	265	276.1	257	277	293	305
	800	LO PR	61	65	70	75.1	64	68	74	79	67	71	77	82.4	70	74	81	87	73	78	85	90.7	76	81	88	94
		MBh	21.1	21.5	22.5	24.0	20.6	21.0	22.0	23.5	20.1	20.5	21.5	22.9	19.6	20.0	20.9	22.3	18.6	19.0	19.9	21.2	17.3	17.6	18.4	19.7
		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	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	19	23	22	21	18
		kW	1.52	1.56	1.62	1.68	1.66	1.70	1.76	1.82	1.78	1.82	1.89	1.96	1.88	1.93	2.00	2.07	1.97	2.02	2.09	2.17	2.05	2.10	2.17	2.26
900	Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	
	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	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91	
	MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3	
	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	
85	700	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	21	22	21	18
		kW	1.57	1.60	1.66	1.72	1.70	1.75	1.81	1.88	1.83	1.87	1.94	2.01	1.93	1.98	2.05	2.13	2.03	2.08	2.15	2.23	2.10	2.16	2.24	2.32
		Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.2	8.4	8.4	8.5	8.8	9.1	8.9	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.7
		HI PR	142	153	162	169	160	172	182	189	182	196	207	216	207	223	235	245	233	251	265	276	257	277	293	305
		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
	800	MBh	23.5	24.0	25.1	26.8	23.0	23.4	24.5	26.2	22.4	22.9	24.0	25.6	21.9	22.3	23.4	24.9	20.8	21.2	22.2	23.7	19.3	19.6	20.6	21.9
		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	23	22	21	18	23	23	21	19	23	23	21	19	22	23	22	19	21	22	21	18	20	20	20	17
		kW	1.58	1.62	1.68	1.74	1.72	1.76	1.83	1.89	1.84	1.89	1.96	2.03	1.95	2.00	2.07	2.15	2.04	2.10	2.17	2.25	2.12	2.18	2.26	2.34
		Amps	7.4	7.5	7.7	8.0	7.9	8.0	8.2	8.5	8.4	8.6	8.9	9.1	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8
900	HI PR	144	155	164	171	161	174	183	191	184	198	209	218	209	225	238	248	235	253	267	279	260	280	295	308	
	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED RATINGS — GSC130301**

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	831	MBh	25.1	26.0	28.5	-	24.5	25.4	27.9	-	23.9	24.8	27.2	-	23.4	24.2	26.5	-	22.2	23.0	25.2	-	20.6	21.3	23.3	-
		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	0.64	0.44	-	0.77	0.64	0.44	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	1.90	1.94	1.99	-	2.04	2.08	2.14	-	2.16	2.20	2.27	-	2.27	2.31	2.39	-	2.36	2.41	2.48	-	2.44	2.49	2.57	-
		Amps	7.0	7.1	7.4	-	7.5	7.7	7.9	-	8.1	8.3	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.6	9.9	10.2	-
		HI PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	240	259	273	-	266	286	302	-
	LO PR	58	61	67	-	61	65	71	-	63	67	74	-	67	71	77	-	70	74	81	-	72	77	84	-	
	950	MBh	27.2	28.2	30.9	-	26.6	27.5	30.2	-	25.9	26.9	29.5	-	25.3	26.2	28.7	-	24.0	24.9	27.3	-	22.3	23.1	25.3	-
		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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	1.94	1.98	2.04	-	2.08	2.13	2.19	-	2.21	2.26	2.33	-	2.32	2.37	2.44	-	2.41	2.47	2.55	-	2.50	2.55	2.63	-
		Amps	7.2	7.3	7.6	-	7.7	7.9	8.1	-	8.3	8.5	8.8	-	8.9	9.1	9.3	-	9.4	9.6	9.9	-	9.9	10.1	10.5	-
HI PR		152	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	282	-	274	295	311	-	
LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	74	79	86	-		
1069	MBh	28.0	29.0	31.8	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	26.1	27.0	29.6	-	24.8	25.7	28.1	-	22.9	23.8	26.1	-	
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	kW	1.96	2.00	2.06	-	2.10	2.14	2.21	-	2.23	2.27	2.34	-	2.34	2.39	2.46	-	2.43	2.49	2.57	-	2.52	2.57	2.65	-	
	Amps	7.2	7.4	7.6	-	7.8	7.9	8.2	-	8.4	8.6	8.8	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-	
	HI PR	153	165	174	-	172	185	195	-	195	210	222	-	223	239	253	-	250	269	285	-	277	298	314	-	
LO PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-		
75	831	MBh	25.5	26.3	28.5	30.5	24.9	25.7	27.8	29.8	24.4	25.1	27.1	29.1	23.8	24.5	26.5	28.4	22.6	23.2	25.2	27.0	20.9	21.5	23.3	25.0
		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	0.59	0.38	0.87	0.78	0.59	0.38
		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	1.91	1.95	2.01	2.07	2.05	2.09	2.16	2.23	2.17	2.22	2.29	2.36	2.28	2.33	2.41	2.48	2.38	2.43	2.50	2.58	2.46	2.51	2.59	2.67
		Amps	7.1	7.2	7.4	7.7	7.6	7.7	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.6
		HI PR	149	160	169	176	167	179	189	198	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318
	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	
	950	MBh	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.7	26.5	28.7	30.8	24.5	25.2	27.3	29.2	22.7	23.3	25.2	27.1
		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	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	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.23	2.27	2.35	2.42	2.34	2.39	2.46	2.54	2.43	2.49	2.57	2.65	2.52	2.57	2.65	2.74
		Amps	7.2	7.4	7.6	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.8	9.2	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.6	10.9
HI PR		153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	269	285	297	277	298	314	328	
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		
1069	MBh	28.5	29.3	31.8	34.1	27.8	28.7	31.0	33.3	27.2	28.0	30.3	32.5	26.5	27.3	29.5	31.7	25.2	25.9	28.1	30.1	23.3	24.0	26.0	27.9	
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	
	ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10	
	kW	1.97	2.01	2.07	2.14	2.12	2.16	2.23	2.30	2.24	2.29	2.36	2.44	2.36	2.41	2.48	2.57	2.45	2.51	2.59	2.67	2.54	2.59	2.68	2.76	
	Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.3	10.6	11.0	
	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	318	331	
LO PR	61	65	71	75	64	68	75	79	67	71	77	83	70	75	81	87	73	78	85	91	76	81	88	94		

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

EXPANDED COOLING DATA — GSC130361G*

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65				75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
963	MBh	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.7	32.5	-	27.9	29.0	31.7	-	26.5	27.5	30.1	-	26.5	27.5	30.1	-	24.6	25.5	27.9	-
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
	ΔT	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
	kW	2.31	2.36	2.43	-	2.48	2.53	2.61	-	2.63	2.68	2.77	-	2.76	2.82	2.91	-	2.87	2.93	3.03	-	2.87	2.93	3.03	-	2.97	3.03	3.13	-
	Amps	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.3	10.5	10.8	-	10.9	11.2	11.6	-	11.6	11.9	12.3	-	11.6	11.9	12.3	-	12.3	12.6	13.0	-
	HI PR	141	152	160	-	158	170	180	-	180	194	205	-	205	221	233	-	231	248	262	-	231	248	262	-	255	274	290	-
	LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	75	82	-	71	75	82	-	73	78	85	-
	MBh	32.5	33.7	36.9	-	31.8	32.9	36.1	-	31.0	32.2	35.2	-	30.3	31.4	34.4	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-	26.6	27.6	30.2	-
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	19	16	13	-	18	15	12	-
1100	kW	2.37	2.42	2.49	-	2.54	2.59	2.67	-	2.69	2.75	2.84	-	2.83	2.89	2.98	-	2.94	3.01	3.10	-	2.94	3.01	3.10	-	3.04	3.11	3.21	-
	Amps	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.5	10.8	11.1	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-	11.9	12.2	12.6	-	12.6	12.9	13.4	-
	HI PR	146	157	165	-	163	176	186	-	186	200	211	-	212	228	240	-	238	256	270	-	238	256	270	-	263	283	299	-
	LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	73	78	85	-	76	80	88	-
	MBh	33.5	34.7	38.1	-	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	29.6	30.7	33.6	-	27.4	28.4	31.2	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	2.39	2.43	2.51	-	2.56	2.61	2.69	-	2.71	2.77	2.86	-	2.85	2.91	3.00	-	2.97	3.03	3.13	-	2.97	3.03	3.13	-	3.07	3.13	3.23	-
	Amps	9.1	9.3	9.6	-	9.8	10.1	10.4	-	10.6	10.9	11.2	-	11.3	11.6	12.0	-	12.1	12.3	12.7	-	12.1	12.3	12.7	-	12.7	13.1	13.5	-
	HI PR	147	158	167	-	165	178	187	-	188	202	213	-	214	230	243	-	240	259	273	-	240	259	273	-	266	286	302	-
LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	74	79	86	-	76	81	89	-	

963	MBh	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.7	29.1	30.0	32.5	35.2	28.4	29.3	31.7	34.0	27.0	27.8	30.1	32.3	25.0	25.7	27.9	29.9
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.71	2.79	2.88	2.78	2.84	2.93	3.03	2.90	2.96	3.05	3.15	2.99	3.06	3.16	3.26
	Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.7	13.1	13.6
	HI PR	143	153	162	169	160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305
	LO PR	59	63	69	73	63	67	73	77	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92
	MBh	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.7	31.5	32.5	35.2	37.7	30.8	31.7	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
1100	kW	2.39	2.43	2.51	2.58	2.56	2.61	2.69	2.78	2.72	2.77	2.86	2.95	2.85	2.91	3.00	3.10	2.97	3.03	3.13	3.23	3.07	3.13	3.24	3.34
	Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.1	12.3	12.7	13.2	12.7	13.1	13.5	14.0
	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	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	95
	MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.6	35.3	37.9	30.1	31.0	33.6	36.0	27.9	28.7	31.1	33.4
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	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	2.40	2.45	2.53	2.60	2.58	2.63	2.72	2.80	2.74	2.79	2.88	2.97	2.87	2.94	3.03	3.13	2.99	3.06	3.15	3.26	3.09	3.16	3.26	3.37
	Amps	9.2	9.4	9.7	10.0	9.9	10.1	10.5	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
	HI PR	148	160	169	176	167	179	189	197	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318
LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	

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

EXPANDED COOLING DATA — GSC130361G* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	963	MBh	31.1	31.8	33.9	36.3	30.4	31.0	33.1	35.4	29.6	30.3	32.4	34.6	28.9	29.5	31.6	33.7	27.5	28.1	30.0	32.1	25.4	26.0	27.8	29.7
		S/T	0.84	0.79	0.64	0.5	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.5	0.96	0.90	0.73	0.55
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
		kW	2.35	2.40	2.47	2.5	2.52	2.57	2.65	2.73	2.67	2.73	2.81	2.9	2.81	2.87	2.96	3.05	2.92	2.98	3.08	3.2	3.02	3.08	3.18	3.29
		Amps	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.5	10.7	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.2	13.7
		HI PR	144	155	164	170.7	162	174	184	192	184	198	209	217.9	209	225	238	248	236	253	268	279.2	260	280	296	308
	LO PR	60	64	70	74.1	63	67	73	78	66	70	76	81.3	69	73	80	85	72	77	84	89.5	75	80	87	93	
80	1100	MBh	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2
		S/T	0.87	0.81	0.66	0.5	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.5	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.6	1.00	0.93	0.76	0.57
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	16	25	24	20	16	23	22	19	15
		kW	2.40	2.45	2.53	2.6	2.58	2.63	2.72	2.80	2.74	2.79	2.88	3.0	2.87	2.94	3.03	3.13	2.99	3.06	3.15	3.3	3.09	3.16	3.26	3.37
		Amps	9.2	9.4	9.7	10.1	9.9	10.1	10.5	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
		HI PR	149	160	169	176.0	167	179	189	198	190	204	215	224.6	216	232	245	256	243	261	276	287.8	268	289	305	318
	LO PR	62	66	72	76.4	65	69	76	81	68	72	79	83.8	71	76	83	88	75	79	87	92.3	77	82	90	95	
80	1238	MBh	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.2	37.7	30.7	31.3	33.5	35.8	28.4	29.0	31.0	33.1
		S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.6	1.00	1.00	0.80	0.60
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	22	18	15
		kW	2.42	2.47	2.55	2.6	2.60	2.65	2.74	2.82	2.76	2.82	2.90	3.0	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.3	3.12	3.19	3.29	3.40
		Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2
		HI PR	150	161	170	177.8	168	181	191	199	191	206	218	226.9	218	235	248	258	245	264	279	290.7	271	292	308	321
	LO PR	62	66	72	77.1	66	70	77	81	68	73	80	84.7	72	77	84	89	75	80	88	93.2	78	83	91	96	
85	963	MBh	31.6	32.2	33.8	36.0	30.9	31.5	33.0	35.2	30.2	30.7	32.2	34.3	29.4	30.0	31.4	33.5	27.9	28.5	29.8	31.8	25.9	26.4	27.6	29.5
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
		ΔT	27	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	27	26	25	21	25	25	23	20
		kW	2.37	2.41	2.49	2.56	2.54	2.59	2.67	2.76	2.69	2.75	2.84	2.93	2.83	2.89	2.98	3.08	2.94	3.01	3.10	3.20	3.04	3.11	3.21	3.31
		Amps	9.0	9.2	9.5	9.9	9.7	10.0	10.3	10.6	10.5	10.8	11.1	11.5	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1	12.6	12.9	13.4	13.9
		HI PR	145	157	165	172	163	176	186	194	186	200	211	220	211	228	240	251	238	256	270	282	263	283	299	312
	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94	
85	1100	MBh	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.7	33.3	34.9	37.2	31.9	32.5	34.0	36.3	30.3	30.9	32.3	34.5	28.0	28.6	29.9	31.9
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	25	26	24	21	23	24	23	20
		kW	2.42	2.47	2.55	2.62	2.60	2.65	2.74	2.82	2.76	2.82	2.90	3.00	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.28	3.12	3.19	3.29	3.40
		Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2
		HI PR	150	161	170	178	168	181	191	199	191	206	218	227	218	235	248	258	245	264	279	291	271	292	308	321
	LO PR	62	66	72	77	66	70	77	81	68	73	80	85	72	77	84	89	75	80	88	93	78	83	91	96	
85	1238	MBh	35.3	36.0	37.7	40.2	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.8	33.5	35.0	37.4	31.2	31.8	33.3	35.5	28.9	29.5	30.8	32.9
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		ΔT	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	2.44	2.49	2.57	2.65	2.62	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.31	3.14	3.21	3.32	3.43
		Amps	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.2	11.5	12.0	11.7	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4
		HI PR	151	163	172	180	170	183	193	201	193	208	220	229	220	237	250	261	248	267	282	294	274	295	311	324
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97	

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

EXPANDED RATINGS — GSC130421C* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	1225	MBh	36.8	37.6	40.2	43.0	36.0	36.8	39.3	42.0	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	32.6	33.3	35.5	38.0	30.2	30.8	32.9	35.2
		S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.75	0.56
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		kW	2.16	2.21	2.30	2.4	2.36	2.41	2.50	2.60	2.53	2.59	2.69	2.8	2.68	2.75	2.85	2.96	2.81	2.88	2.99	3.1	2.92	3.00	3.11	3.23
		Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.3
	1400	HI PR	129	138	146	152.5	144	155	164	171	164	177	187	194.6	187	201	213	222	210	226	239	249.4	232	250	264	276
		LO PR	61	65	71	75.5	64	69	75	80	67	71	78	82.9	70	75	82	87	74	78	86	91.3	76	81	89	94
		MBh	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.3	36.0	38.5	41.2	32.7	33.4	35.7	38.1
		S/T	0.89	0.84	0.68	0.5	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.6	1.00	0.96	0.78	0.58
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
1575	kW	2.22	2.28	2.36	2.5	2.42	2.48	2.58	2.67	2.60	2.67	2.77	2.9	2.76	2.83	2.94	3.05	2.89	2.97	3.08	3.2	3.01	3.08	3.20	3.32	
	Amps	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8	12.2	12.6	
	HI PR	133	143	151	157.2	149	160	169	176	169	182	192	200.6	193	207	219	229	217	233	246	257.1	240	258	272	284	
	LO PR	63	67	73	77.8	66	71	77	82	69	74	80	85.5	73	77	84	90	76	81	88	94.1	79	84	91	97	
	MBh	41.1	42.0	44.9	48.0	40.1	41.0	43.8	46.9	39.2	40.0	42.8	45.7	38.2	39.1	41.7	44.6	36.3	37.1	39.7	42.4	33.6	34.4	36.7	39.3	
85	1225	S/T	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.6	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.6	1.00	1.00	0.82	0.61
		ΔT	22	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		kW	2.24	2.30	2.38	2.5	2.45	2.51	2.60	2.70	2.63	2.69	2.79	2.9	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.2	3.04	3.11	3.23	3.35
		Amps	8.5	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	11.7	11.9	12.3	12.7
		HI PR	134	144	152	158.8	150	162	171	178	171	184	194	202.6	195	210	221	231	219	236	249	259.7	242	260	275	287
	1400	LO PR	64	68	74	78.6	67	71	78	83	70	74	81	86.3	73	78	85	91	77	82	89	95.0	79	85	92	98
		MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.9	35.5	37.2	39.7	33.1	33.8	35.4	37.7	30.7	31.3	32.8	34.9
		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	0.79
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19
		kW	2.18	2.23	2.32	2.40	2.38	2.44	2.53	2.62	2.55	2.62	2.71	2.82	2.71	2.77	2.88	2.99	2.84	2.91	3.02	3.13	2.95	3.02	3.14	3.26
1575	Amps	8.3	8.4	8.7	9.0	8.9	9.1	9.3	9.6	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.6	12.0	12.4	
	HI PR	130	140	148	154	146	157	166	173	166	178	188	197	189	203	215	224	213	229	241	252	235	253	267	278	
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	
	MBh	40.6	41.4	43.3	46.2	39.7	40.4	42.3	45.2	38.7	39.5	41.3	44.1	37.8	38.5	40.3	43.0	35.9	36.6	38.3	40.9	33.2	33.9	35.5	37.9	
	S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76	
85	1400	ΔT	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
		kW	2.24	2.30	2.38	2.47	2.45	2.51	2.60	2.70	2.63	2.69	2.79	2.90	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.23	3.04	3.11	3.23	3.35
		Amps	8.5	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	11.7	11.9	12.3	12.7
		HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	260	275	287
		LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
	1575	MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.6	45.4	38.9	39.7	41.5	44.3	37.0	37.7	39.5	42.1	34.2	34.9	36.5	39.0
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	24	24	22	19	24	24	23	19	23	24	23	20	23	23	23	20	22	22	22	19	20	20	21	18
		kW	2.26	2.32	2.41	2.50	2.47	2.53	2.63	2.73	2.65	2.72	2.82	2.93	2.81	2.88	2.99	3.11	2.95	3.02	3.14	3.26	3.07	3.14	3.26	3.39
		Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.0	12.4	12.9
HI PR	135	146	154	160	152	163	173	180	173	186	196	205	197	212	224	233	221	238	251	262	244	263	278	290		
LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130481C*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																									
		65				75				85				95				105				115					
		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	1400	MBh	40.8	42.3	46.3	-	39.9	41.3	45.3	-	38.9	40.3	44.2	-	38.0	39.3	43.1	-	36.1	37.4	41.0	-	33.4	34.6	37.9	-	
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1600	kW	2.46	2.52	2.62	-	2.69	2.75	2.86	-	2.88	2.96	3.07	-	3.06	3.14	3.26	-	3.21	3.29	3.41	-	3.34	3.42	3.55	-	
		Amps	9.9	10.1	10.4	-	10.6	10.9	11.2	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-	13.7	14.0	14.5	-	
		HI PR	127	136	144	-	142	153	161	-	162	174	184	-	184	198	209	-	207	223	235	-	229	246	260	-	
	1800	LO PR	60	63	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-	
		MBh	44.2	45.8	50.2	-	43.2	44.8	49.0	-	42.2	43.7	47.9	-	41.1	42.6	46.7	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-	
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
	75	1400	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
			kW	2.53	2.60	2.69	-	2.76	2.83	2.94	-	2.97	3.04	3.16	-	3.15	3.23	3.35	-	3.30	3.39	3.52	-	3.44	3.52	3.66	-
			Amps	10.1	10.4	10.7	-	10.9	11.1	11.5	-	11.8	12.1	12.4	-	12.6	12.9	13.3	-	13.3	13.6	14.1	-	14.1	14.4	14.9	-
1600		HI PR	131	140	148	-	146	158	166	-	167	179	189	-	190	204	216	-	213	230	243	-	236	254	268	-	
		LO PR	62	65	71	-	65	69	75	-	68	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	
		MBh	45.5	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	-	40.2	41.7	45.7	-	37.3	38.6	42.3	-	
1800		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	
		ΔT	17	15	11	-	17	15	11	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	
		kW	2.56	2.62	2.72	-	2.79	2.86	2.97	-	3.00	3.07	3.19	-	3.18	3.26	3.38	-	3.34	3.42	3.55	-	3.47	3.56	3.69	-	
75		1400	Amps	10.2	10.4	10.8	-	11.0	11.2	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-	14.2	14.6	15.0	-
			HI PR	132	142	150	-	148	159	168	-	168	181	191	-	192	206	218	-	216	232	245	-	238	256	271	-
			LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-
	1600	MBh	41.5	42.7	46.2	49.6	40.5	41.7	45.2	48.5	39.6	40.7	44.1	47.3	38.6	39.7	43.0	46.2	36.7	37.8	40.9	43.9	34.0	35.0	37.9	40.6	
		S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39	
		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	
	1800	kW	2.48	2.55	2.64	2.74	2.71	2.78	2.88	2.99	2.91	2.99	3.10	3.22	3.09	3.17	3.29	3.41	3.24	3.32	3.45	3.58	3.37	3.46	3.59	3.72	
		Amps	10.0	10.2	10.5	10.9	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2	
		HI PR	128	138	145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	263	274	
	1600	LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93	
		MBh	45.0	46.3	50.1	53.8	43.9	45.2	48.9	52.5	42.9	44.1	47.8	51.3	41.8	43.1	46.6	50.0	39.7	40.9	44.3	47.5	36.8	37.9	41.0	44.0	
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
1800	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10		
	kW	2.56	2.62	2.72	2.82	2.79	2.86	2.97	3.08	3.00	3.07	3.19	3.31	3.18	3.26	3.39	3.52	3.34	3.42	3.55	3.69	3.47	3.56	3.69	3.84		
	Amps	10.2	10.4	10.8	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	13.4	13.8	14.2	14.7	14.2	14.6	15.0	15.6		
1600	HI PR	132	142	150	156	148	159	168	175	168	181	191	199	192	206	218	227	216	232	245	256	238	256	271	282		
	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		
	MBh	46.3	47.7	51.6	55.4	45.2	46.6	50.4	54.1	44.2	45.5	49.2	52.8	43.1	44.4	48.0	51.5	40.9	42.1	45.6	48.9	37.9	39.0	42.2	45.3		
1800	S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42		
	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	2.58	2.65	2.75	2.85	2.82	2.89	3.00	3.11	3.03	3.10	3.22	3.34	3.21	3.29	3.42	3.55	3.37	3.45	3.58	3.72	3.50	3.59	3.73	3.87		
1600	Amps	10.3	10.5	10.9	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	14.3	14.9	14.3	14.7	15.2	15.7		
	HI PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	247	258	241	259	273	285		
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	78	83	91	97		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130481C* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	42.2	43.2	46.1	49.3	41.3	42.2	45.0	48.1	40.3	41.2	44.0	47.0	39.3	40.1	42.9	45.9	37.3	38.1	40.7	43.6	34.6	35.3	37.7	40.3
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.6	0.98	0.92	0.75	0.56
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
	kW	2.51	2.57	2.67	2.8	2.74	2.81	2.91	3.02	2.94	3.02	3.13	3.2	3.12	3.20	3.32	3.45	3.27	3.35	3.48	3.6	3.40	3.49	3.62	3.76
	Amps	10.0	10.3	10.6	10.9	10.8	11.0	11.4	11.8	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.3
1400	MBh	129	139	147	153.1	145	156	165	172	165	177	187	195.4	188	202	213	223	211	227	240	250.4	233	251	265	277
	S/T	0.88	0.83	0.67	0.5	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.6	1.00	0.95	0.77	0.58
	ΔT	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	22	21	18	15
	kW	2.58	2.65	2.75	2.9	2.82	2.89	3.00	3.11	3.03	3.10	3.22	3.3	3.21	3.29	3.42	3.55	3.37	3.45	3.59	3.7	3.50	3.59	3.73	3.87
	Amps	10.3	10.5	10.9	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	14.3	14.9	14.3	14.7	15.2	15.7
1600	MBh	133	143	151	157.9	149	161	170	177	170	183	193	201.5	194	208	220	229	218	234	248	258.1	241	259	273	285
	S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.6	1.00	1.00	0.81	0.61
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
	kW	2.61	2.67	2.77	2.9	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.4	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.8	3.54	3.63	3.77	3.91
	Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9
1800	MBh	135	145	153	159.4	151	162	172	179	172	185	195	203.5	196	210	222	232	220	237	250	260.7	243	262	276	288
	S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.6	1.00	1.00	0.81	0.61
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
	kW	2.61	2.67	2.77	2.9	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.4	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.8	3.54	3.63	3.77	3.91
	Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	MBh	43.0	43.8	45.9	48.9	42.0	42.8	44.8	47.8	41.0	41.8	43.7	46.7	40.0	40.7	42.7	45.5	38.0	38.7	40.5	43.3	35.2	35.9	37.6	40.1
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19
	kW	2.53	2.60	2.69	2.80	2.76	2.83	2.94	3.05	2.97	3.04	3.16	3.28	3.15	3.23	3.35	3.48	3.30	3.39	3.52	3.65	3.44	3.52	3.66	3.80
	Amps	10.1	10.4	10.7	11.0	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.8	13.3	13.7	13.3	13.6	14.1	14.6	14.1	14.4	14.9	15.4
1400	MBh	130	140	148	155	146	158	166	174	167	179	189	197	190	204	216	225	213	230	242	253	236	254	268	279
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
	kW	2.61	2.67	2.77	2.88	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.38	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.76	3.54	3.63	3.77	3.91
	Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9
1600	MBh	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
	kW	2.61	2.67	2.77	2.88	2.85	2.92	3.03	3.14	3.06	3.13	3.25	3.38	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.76	3.54	3.63	3.77	3.91
	Amps	10.4	10.6	11.0	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9
1800	MBh	136	146	154	161	152	164	173	181	173	187	197	206	197	213	224	234	222	239	252	263	245	264	279	291
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	23	23	20	22	22	22	19	20	20	21	18
	kW	2.63	2.70	2.80	2.90	2.87	2.95	3.06	3.17	3.09	3.16	3.28	3.41	3.27	3.36	3.48	3.62	3.43	3.52	3.65	3.80	3.57	3.66	3.80	3.95
	Amps	10.5	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130601D*

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	1400	MBh	48.1	49.9	54.7	-	47.0	48.7	53.4	-	45.9	47.6	52.1	-	44.8	46.4	50.9	-	42.5	44.1	48.3	-	39.4	40.8	44.8	-
		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	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	
	kW	2.92	2.99	3.11	-	3.19	3.27	3.40	-	3.43	3.52	3.65	-	3.64	3.73	3.87	-	3.82	3.91	4.06	-	3.97	4.07	4.23	-	
	Amps	11.5	11.7	12.1	-	12.4	12.6	13.1	-	13.4	13.7	14.1	-	14.3	14.6	15.1	-	15.2	15.5	16.0	-	16.1	16.4	17.0	-	
	HI PR	126	136	143	-	141	152	161	-	161	173	183	-	183	197	208	-	206	222	234	-	228	245	259	-	
	LO PR	56	60	66	-	60	63	69	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-	
	MBh	52.2	54.1	59.2	-	50.9	52.8	57.9	-	49.7	51.5	56.5	-	48.5	50.3	55.1	-	46.1	47.8	52.3	-	42.7	44.3	48.5	-	
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	
	ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	13	-	19	17	13	-	
kW	3.01	3.08	3.20	-	3.28	3.37	3.50	-	3.53	3.62	3.76	-	3.75	3.84	3.99	-	3.93	4.03	4.18	-	4.09	4.19	4.35	-		
Amps	11.8	12.0	12.4	-	12.7	13.0	13.4	-	13.8	14.1	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.5	-		
HI PR	130	140	148	-	146	157	166	-	166	178	188	-	189	203	215	-	212	229	241	-	235	253	267	-		
LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-		
MBh	53.7	55.7	61.0	-	52.5	54.4	59.6	-	51.2	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	49.9	-		
S/T	0.71	0.60	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-		
kW	3.04	3.11	3.23	-	3.32	3.40	3.53	-	3.56	3.65	3.79	-	3.78	3.88	4.03	-	3.97	4.07	4.23	-	4.13	4.23	4.40	-		
Amps	11.9	12.2	12.5	-	12.8	13.1	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.7	16.1	16.6	-	16.7	17.1	17.6	-		
HI PR	131	141	149	-	147	158	167	-	167	180	190	-	191	205	217	-	215	231	244	-	237	255	269	-		
LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	76	82	-	73	78	85	-		

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
75	1400	MBh	49.0	50.4	54.6	58.6	47.8	49.2	53.3	57.2	46.7	48.1	52.0	55.8	45.5	46.9	50.8	54.5	43.3	44.5	48.2	51.7	40.1	41.3	44.7	47.9
		S/T	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37
	ΔT	24	22	18	13	24	22	18	13	24	22	18	13	24	23	18	13	24	22	18	13	23	21	17	12	
	kW	2.95	3.02	3.14	3.26	3.22	3.30	3.43	3.56	3.46	3.55	3.68	3.83	3.67	3.77	3.91	4.06	3.85	3.95	4.10	4.26	4.01	4.11	4.27	4.43	
	Amps	11.6	11.8	12.2	12.6	12.5	12.8	13.2	13.6	13.5	13.8	14.3	14.8	14.4	14.8	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.1	17.8	
	HI PR	127	137	145	151	143	154	162	169	162	175	185	193	185	199	210	219	208	224	237	247	230	248	261	273	
	LO PR	57	61	66	70	60	64	70	74	63	67	73	77	66	70	76	81	69	73	80	85	71	76	83	88	
	MBh	53.0	54.6	59.1	63.4	51.8	53.3	57.7	62.0	50.6	52.1	56.4	60.5	49.3	50.8	55.0	59.0	46.9	48.3	52.2	56.1	43.4	44.7	48.4	51.9	
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12	
kW	3.04	3.11	3.23	3.35	3.32	3.40	3.53	3.67	3.56	3.66	3.79	3.94	3.78	3.88	4.03	4.18	3.97	4.07	4.23	4.39	4.13	4.24	4.40	4.57		
Amps	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.9	14.2	14.7	15.2	14.8	15.2	15.7	16.2	15.7	16.1	16.6	17.3	16.7	17.1	17.6	18.3		
HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	269	281		
LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	82	88	73	78	85	91		
MBh	54.6	56.2	60.9	65.3	53.4	54.9	59.5	63.8	52.1	53.6	58.1	62.3	50.8	52.3	56.6	60.8	48.3	49.7	53.8	57.7	44.7	46.0	49.8	53.5		
S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41		
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	3.06	3.14	3.26	3.39	3.35	3.43	3.56	3.70	3.60	3.69	3.83	3.98	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.43	4.17	4.28	4.44	4.61		
Amps	12.0	12.3	12.6	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4		
HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284		
LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED RATINGS — GSC130601D* (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1400	MBh	49.8	50.9	54.4	58.2	48.7	49.7	53.1	56.8	47.5	48.5	51.9	55.4	46.4	47.4	50.6	54.1	44.0	45.0	48.1	51.4	40.8	41.7	44.5	47.6
	S/T	0.82	0.77	0.62	0.5	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.5	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.5	0.94	0.88	0.72	0.54
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17
	kW	2.98	3.05	3.17	3.3	3.25	3.34	3.46	3.59	3.50	3.58	3.72	3.9	3.71	3.80	3.95	4.10	3.89	3.99	4.14	4.3	4.05	4.15	4.31	4.48
	Amps	11.7	11.9	12.3	12.8	12.6	12.9	13.3	13.8	13.6	14.0	14.4	14.9	14.5	14.9	15.4	15.9	15.5	15.8	16.3	16.9	16.3	16.7	17.3	17.9
80	MBh	54.0	55.2	58.9	63.0	52.7	53.9	57.6	61.5	51.5	52.6	56.2	60.1	50.2	51.3	54.8	58.6	47.7	48.7	52.1	55.7	44.2	45.2	48.2	51.6
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.6	0.97	0.91	0.74	0.56
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	16
	kW	3.07	3.14	3.26	3.4	3.35	3.43	3.56	3.70	3.60	3.69	3.83	4.0	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.4	4.17	4.28	4.44	4.61
	Amps	12.0	12.3	12.7	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4
1800	MBh	55.6	56.8	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.7	52.9	56.5	60.4	49.1	50.2	53.6	57.3	45.5	46.5	49.7	53.1
	S/T	0.89	0.84	0.68	0.5	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.5	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.6	1.00	0.96	0.78	0.58
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16
	kW	3.09	3.17	3.29	3.4	3.38	3.47	3.60	3.74	3.63	3.73	3.87	4.0	3.86	3.96	4.11	4.26	4.05	4.15	4.31	4.5	4.21	4.32	4.48	4.66
	Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1400	MBh	50.7	51.7	54.1	57.7	49.5	50.5	52.9	56.4	48.3	49.3	51.6	55.1	47.2	48.1	50.3	53.7	44.8	45.7	47.8	51.0	41.5	42.3	44.3	47.3
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70
	ΔT	29	28	27	23	29	28	27	23	29	28	27	23	29	29	27	23	29	28	27	23	27	26	25	22
	kW	3.01	3.08	3.20	3.32	3.28	3.37	3.49	3.63	3.53	3.62	3.76	3.90	3.74	3.84	3.99	4.14	3.93	4.03	4.18	4.35	4.09	4.19	4.35	4.52
	Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.4	13.9	13.8	14.1	14.5	15.1	14.7	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
85	MBh	54.9	56.0	58.6	62.6	53.6	54.7	57.3	61.1	52.4	53.4	55.9	59.7	51.1	52.1	54.5	58.2	48.5	49.5	51.8	55.3	45.0	45.8	48.0	51.2
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	ΔT	28	28	26	23	28	28	26	23	28	28	26	23	29	28	27	23	28	28	26	23	26	26	25	21
	kW	3.09	3.17	3.29	3.42	3.38	3.47	3.60	3.74	3.63	3.73	3.87	4.02	3.86	3.96	4.11	4.26	4.05	4.15	4.31	4.48	4.21	4.32	4.48	4.66
	Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW = Total system power
 Shaded area reflects AHRI conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

AHRI RATINGS

OUTDOOR UNIT	COIL	COOLING RATINGS				CFM	AHRI #
		TOTAL ¹	SENS. ¹	SEER ²	EER ³		
GSC130181F/G*	CA*F1824*6B*+EEP	18,000	13,000	13	11	600	4700185
GSC130241F*	CA*F1824*6B*+EEP	22,800	17,600	13	11	800	4700186
GSC130301D/E*	CA*F3030*6B*+EEP	27,600	21,000	13	11	950	4705227
GSC130361G*	CA*F3642*6C*+EEP	33,400	24,200	13	11	1,200	5528471
GSC130363B*	CA*F3642*6C*+EEP	33,400	24,200	13	11	1,200	5528487
GSC130421C*	CA*F4860*6B*+EEP	39,500	28,200	13	11	1,400	5528472
GSC130481C*	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528473
GSC130483C*	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528474
GSC130484BC	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528475
GSC130601D*	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528476
GSC130603C*	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528477
GSC130604BC	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528478

¹ BTU/h

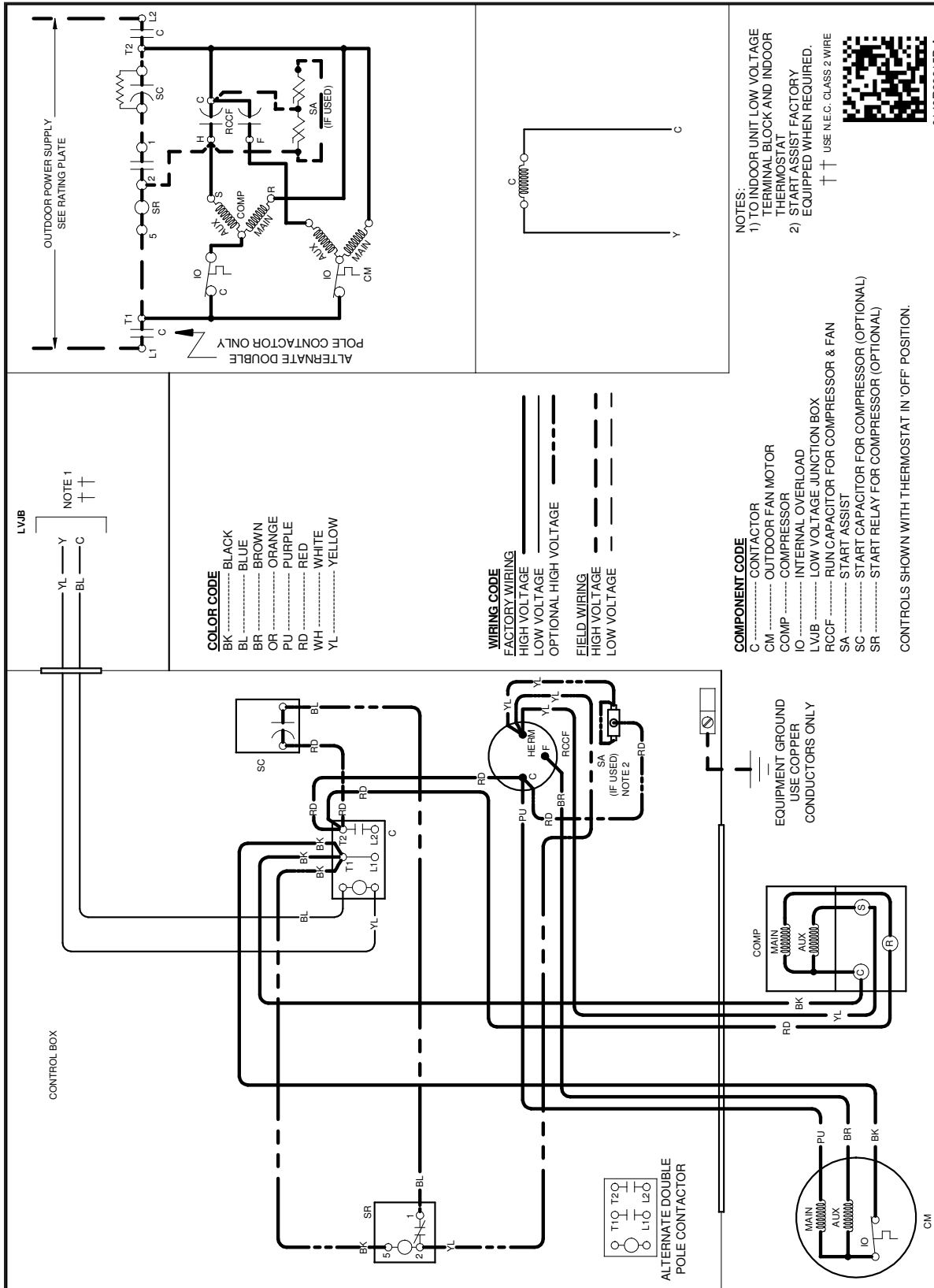
² Seasonal Energy Efficiency Ratio; tested and rated per AHRI 210/240

³ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP: Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.

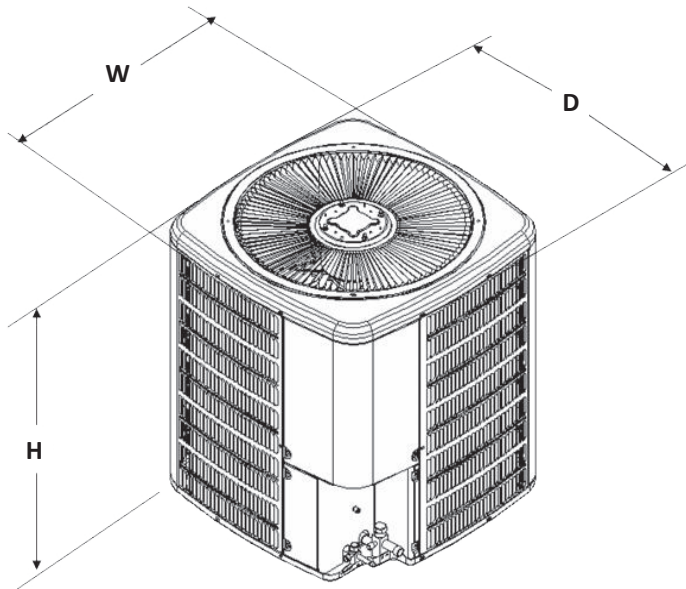
WIRING DIAGRAM



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.

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSC130181G*	26	26	30¾
GSC130241F*	23½	23½	25¾
GSC130301E*	26	26	30¾
GSC130361G*	29	29	30¾
GSC130421BC*	29	29	30¾
GSC130481C*	29	29	36¾
GSC130601D*	29	29	40

ACCESSORIES

MODEL	DESCRIPTION	GSC13 018**	GSC13 024**	GSC13 030**	GSC13 036**	GSC13 042**	GSC13 048**	GSC13 060**
ABK-20	Anchor Bracket Kit ▼			X	X	X	X	X
ABK-21	Anchor Bracket Kit ▼	X	X					
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit				X	X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A	Freeze Protection Kit ¹	X	X	X	X	X	X	X
LSK01A	Liquid Line Solenoid Kit ²	X	X	X	X	X	X	X
O263M00019	Crankcase Heater	X						
OT18-60A	Outdoor Thermostat	X	X	X	X	X	X	X

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

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.