

COOLING CAPACITY: 36,000 - 60,000 BTU/H

GSX13 COMMERCIAL SPLIT SYSTEM AIR CONDITIONERS 13 SEER — R-410A 3- TO 5-TON, THREE-PHASE UNITS

Standard Features

- R-410A chlorine-free refrigerant
- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/enhanced aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- Complies with ASHRAE Standard 90.1
- AHRI Certified
- ETL Listed

Cabinet Features

- Amana® brand louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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* Complete warranty details available from your local dealer or at www.amana-hac.com.

NOMENCLATURE

	G	S	X	13	060	3	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand	G Goodman®								Engineering *
									Minor Revision
Product Category	S Split System								Engineering *
									Major Revision
Unit Type									Electrical
C R-22 Condenser									3 208/230 V, 3 Phase, 60 Hz
H R-22 Heat Pump									4 460 V, 3 Phase, 60 Hz
X R-410A Condenser									
Z R-410A Heat Pump									
Efficiency									Nominal Capacity
10 10 SEER									036 3 Tons 090 7½ tons
13 13 SEER									048 4 Tons 120 10 Tons
									'060 5 Tons

* Neither used for order entry or inventory management.



SPECIFICATIONS

	GSX13 0363A*	GSX13 0483A*	GSX13 0484A*	GSX13 0603A*	GSX13 0604A*
COOLING CAPACITIES					
Nominal Cooling (BTU/h)	36,000	48,000	48,000	60,000	60,000
SEER	13	13	13	13	13
Decibels	74	76	76	77	77
COMPRESSOR					
RLA / LRA	10.4/73	13.1/83.1	6.1/41	15.9/110	7.1/52
Type	Scroll	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					
Refrigerant Line Size					
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{3 4}	3/4" ³	7/8" ⁴	7/8" ⁴	7/8" ⁴	7/8" ⁴
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	89	125	125	122	122
Piston Size	0.068	0.08	0.08	0.086	0.086
ELECTRICAL DATA					
AC Volts/ Hz/ Phase	208-230/ 60/ 3	208-230/ 60/ 3	460/ 60/ 3	208-230/ 60/ 3	460/ 60/ 3
Min. Circuit Ampacity ¹	14.1	17.9	8.4	21.4	9.7
Max. Overcurrent Device ²	20	30	15	35	15
Min / Max Volts	197/253	197/253	414/506	197/253	414/506
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
SHIP WEIGHT (LBS)	196	190	189	197	196

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

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

³ Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

⁴ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

NOTES

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

EXPANDED COOLING DATA — GSX130363A* / CA*F3636*6C*

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
70		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	MBh	31.1	32.2	35.3	-	30.4	31.5	34.5	-	29.6	30.7	33.7	-	28.9	30.0	32.8	-	27.5	28.5	31.2	-	25.4	26.4	28.9	-
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
	kW	2.42	2.47	2.54	-	2.60	2.65	2.73	-	2.75	2.81	2.89	-	2.88	2.94	3.04	-	3.00	3.06	3.16	-	3.10	3.16	3.26	-
	Amps	6.1	6.3	6.5	-	6.6	6.7	7.0	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.5	-	8.5	8.7	9.0	-
	HI PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
	MBh	33.7	34.9	38.2	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.3	32.5	35.6	-	29.8	30.8	33.8	-	27.6	28.6	31.3	-
	S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
1200	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	2.48	2.53	2.60	-	2.66	2.71	2.79	-	2.81	2.87	2.96	-	2.95	3.02	3.11	-	3.07	3.14	3.24	-	3.17	3.24	3.34	-
	Amps	6.3	6.4	6.6	-	6.8	6.9	7.1	-	7.3	7.5	7.7	-	7.8	8.0	8.3	-	8.3	8.5	8.8	-	8.8	9.0	9.3	-
	HI PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
	MBh	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.4	36.6	-	30.7	31.8	34.8	-	28.4	29.4	32.2	-
	S/T	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	2.50	2.55	2.62	-	2.68	2.73	2.81	-	2.84	2.90	2.98	-	2.98	3.04	3.13	-	3.10	3.16	3.26	-	3.20	3.27	3.37	-
	Amps	6.3	6.5	6.7	-	6.8	7.0	7.2	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-
1350	HI PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-

75	MBh	31.6	32.5	35.2	37.8	30.9	31.8	34.4	36.9	30.1	31.0	33.6	36.1	29.4	30.3	32.8	35.2	27.9	28.8	31.1	33.4	25.9	26.6	28.8	31.0
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.55	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	0.61	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
	kW	2.44	2.49	2.56	2.64	2.62	2.67	2.75	2.83	2.77	2.83	2.91	3.01	2.91	2.97	3.06	3.16	3.02	3.09	3.18	3.29	3.12	3.19	3.29	3.40
	Amps	6.2	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9	8.6	8.8	9.1	9.5
	HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486
	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161
	MBh	34.2	35.3	38.2	41.0	33.5	34.4	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.7	36.2	28.0	28.9	31.2	33.5
	S/T	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
1200	kW	2.50	2.55	2.62	2.70	2.68	2.73	2.82	2.90	2.84	2.90	2.98	3.08	2.98	3.04	3.13	3.23	3.10	3.16	3.26	3.37	3.20	3.27	3.37	3.48
	Amps	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7
	HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
	MBh	35.3	36.3	39.3	42.2	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.3	31.2	32.1	34.7	37.3	28.9	29.7	32.2	34.5
	S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
	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	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.92	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.39	3.23	3.29	3.40	3.51
	Amps	6.4	6.5	6.7	7.0	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.1	8.4	8.7	8.5	8.7	8.9	9.3	8.9	9.2	9.5	9.8
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

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

Shaded area is ACCA (TVA) conditions

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

EXPANDED COOLING DATA — GSX130363A* / CA*F3636*6C* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	32.2	32.9	35.1	37.5	31.4	32.1	34.3	36.7	30.7	31.3	33.5	35.8	29.9	30.6	32.7	34.9	28.4	29.1	31.0	33.2	26.3	26.9	28.8	30.7
	S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15
	kW	2.46	2.51	2.58	2.66	2.64	2.69	2.77	2.86	2.79	2.85	2.94	3.03	2.93	2.99	3.08	3.18	3.05	3.11	3.21	3.31	3.15	3.21	3.32	3.42
	Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.3	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
	HI PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
	MBh	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	34.0	36.3	38.8	32.4	33.1	35.4	37.8	30.8	31.5	33.6	36.0	28.5	29.2	31.2	33.3
	S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	22	22	19	15
1200	kW	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.93	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.39	3.23	3.29	3.40	3.51
	Amps	6.4	6.5	6.7	7.0	6.9	7.0	7.3	7.5	7.5	7.6	7.9	8.2	8.0	8.1	8.4	8.7	8.5	8.7	8.9	9.3	8.9	9.2	9.5	9.8
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	35.9	36.7	39.2	41.9	35.1	35.8	38.3	40.9	34.2	35.0	37.4	40.0	33.4	34.1	36.5	39.0	31.7	32.4	34.6	37.0	29.4	30.0	32.1	34.3
	S/T	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
	ΔT	23	22	19	15	24	22	19	16	23	22	19	16	23	23	20	16	22	22	19	15	20	20	18	14
	kW	2.54	2.59	2.66	2.74	2.72	2.77	2.86	2.95	2.88	2.94	3.03	3.13	3.02	3.09	3.19	3.29	3.15	3.21	3.32	3.42	3.25	3.32	3.43	3.54
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4	9.0	9.2	9.5	9.9
	HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169

1050	MBh	32.7	33.4	34.9	37.3	32.0	32.6	34.1	36.4	31.2	31.8	33.3	35.6	30.5	31.0	32.5	34.7	28.9	29.5	30.9	33.0	26.8	27.3	28.6	30.5
	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	0.70	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	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.81	2.87	2.96	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.23	3.34	3.17	3.24	3.34	3.45
	Amps	6.3	6.4	6.6	6.9	6.8	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6
	HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164
	MBh	35.5	36.2	37.9	40.4	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	33.6	35.2	37.6	31.3	31.9	33.5	35.7	29.0	29.6	31.0	33.1
	S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19
1200	kW	2.54	2.59	2.66	2.74	2.72	2.77	2.86	2.95	2.88	2.94	3.03	3.13	3.02	3.09	3.19	3.29	3.15	3.21	3.32	3.42	3.25	3.32	3.43	3.54
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4	9.0	9.2	9.5	9.9
	HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	36.5	37.2	39.0	41.6	35.7	36.4	38.1	40.6	34.8	35.5	37.2	39.7	34.0	34.6	36.3	38.7	32.3	32.9	34.5	36.8	29.9	30.5	31.9	34.1
	S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
	ΔT	25	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	19
	kW	2.55	2.61	2.68	2.76	2.74	2.80	2.88	2.97	2.90	2.96	3.06	3.15	3.05	3.11	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.46	3.57
	Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0
	HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171

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

EXPANDED COOLING DATA — GSX130483A* / CA*F4860*6B*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-								
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
	1400	kW	3.15	3.21	3.30	-	3.37	3.43	3.53	-	3.56	3.63	3.73	-	3.72	3.80	3.91	-	3.87	3.95	4.07	-	3.99	4.07	4.20	-	3.99	4.07	4.20	-							
	Amps	6.9	7.0	7.2	-	7.4	7.5	7.7	-	7.9	8.1	8.3	-	8.4	8.6	8.8	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-								
	HI PR	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-	395	425	449	-								
	LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-								
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-								
	S/T	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-								
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
	1600	kW	3.22	3.28	3.37	-	3.44	3.51	3.61	-	3.64	3.71	3.82	-	3.81	3.89	4.01	-	3.96	4.04	4.16	-	4.09	4.17	4.30	-	4.09	4.17	4.30	-							
	Amps	7.0	7.2	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	9.8	10.1	-	9.6	9.8	10.1	-								
	HI PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-	407	438	463	-								
	LO PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	134	143	156	-								
1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-								
	S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-	0.88	0.74	0.51	-								
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-								
	1800	kW	3.24	3.30	3.40	-	3.47	3.53	3.64	-	3.67	3.74	3.85	-	3.84	3.92	4.04	-	3.99	4.07	4.20	-	4.12	4.20	4.33	-	4.12	4.20	4.33	-							
	Amps	7.1	7.2	7.5	-	7.6	7.8	8.0	-	8.2	8.4	8.6	-	8.7	8.9	9.1	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-	9.7	9.9	10.2	-								
	HI PR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-	411	443	468	-								
	LO PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-	136	144	158	-								

	75																																				1600																																				1800																																			
	1400																																				1800																																																																							
	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR	MBh	S/T	ΔT	kW	Amps	HI PR	LO PR																																																																									
	41.1	0.81	22	3.17	6.9	221	105	41.1	0.81	22	3.17	6.9	221	105	41.1	0.81	22	3.17	6.9	221	105	41.1	0.81	22	3.17	6.9	221	105	41.1	0.81	22	3.17	6.9	221	105																																																																									
	42.3	0.72	20	3.23	7.1	238	42.3	0.72	20	3.23	7.1	238	42.3	0.72	20	3.23	7.1	238	42.3	0.72	20	3.23	7.1	238	42.3	0.72	20	3.23	7.1	238	42.3	0.72	20	3.23	7.1	238																																																																								
	45.8	0.55	16	3.32	7.3	251	45.8	0.55	16	3.32	7.3	251	45.8	0.55	16	3.32	7.3	251	45.8	0.55	16	3.32	7.3	251	45.8	0.55	16	3.32	7.3	251	45.8	0.55	16	3.32	7.3	251																																																																								
	49.1	0.35	11	3.42	7.5	262	49.1	0.35	11	3.42	7.5	262	49.1	0.35	11	3.42	7.5	262	49.1	0.35	11	3.42	7.5	262	49.1	0.35	11	3.42	7.5	262	49.1	0.35	11	3.42	7.5	262																																																																								
	40.1	0.83	22	3.39	7.4	248	40.1	0.83	22	3.39	7.4	248	40.1	0.83	22	3.39	7.4	248	40.1	0.83	22	3.39	7.4	248	40.1	0.83	22	3.39	7.4	248	40.1	0.83	22	3.39	7.4	248																																																																								
	41.3	0.75	20	3.46	7.6	267	41.3	0.75	20	3.46	7.6	267	41.3	0.75	20	3.46	7.6	267	41.3	0.75	20	3.46	7.6	267	41.3	0.75	20	3.46	7.6	267	41.3	0.75	20	3.46	7.6	267																																																																								
	44.7	0.56	17	3.56	7.8	282	44.7	0.56	17	3.56	7.8	282	44.7	0.56	17	3.56	7.8	282	44.7	0.56	17	3.56	7.8	282	44.7	0.56	17	3.56	7.8	282	44.7	0.56	17	3.56	7.8	282																																																																								
	48.0	0.36	11	3.66	8.1	294	48.0	0.36	11	3.66	8.1	294	48.0	0.36	11	3.66	8.1	294	48.0	0.36	11	3.66	8.1	294	48.0	0.36	11	3.66	8.1	294	48.0	0.36	11	3.66	8.1	294																																																																								
	39.2	0.86	22	3.58	8.0	282	39.2	0.86	22	3.58	8.0	282	39.2	0.86	22	3.58	8.0	282	39.2	0.86	22	3.58	8.0	282	39.2	0.86	22	3.58	8.0	282	39.2	0.86	22	3.58	8.0	282																																																																								
	40.3	0.77	20	3.65	8.2	303	40.3	0.77	20	3.65	8.2	303	40.3	0.77	20	3.65	8.2	303	40.3	0.77	20	3.65	8.2	303	40.3	0.77	20	3.65	8.2	303	40.3	0.77	20	3.65	8.2	303																																																																								
	43.7	0.58	17	3.76	8.4	320	43.7	0.58	17	3.76	8.4	320	43.7	0.58	17	3.76	8.4	320	43.7	0.58	17	3.76	8.4	320	43.7	0.58	17	3.76	8.4	320	43.7	0.58	17	3.76	8.4	320																																																																								
	46.8	0.37	11	3.88	8.7	334	46.8	0.37	11	3.88	8.7	334	46.8	0.37	11	3.88	8.7	334	46.8	0.37	11	3.88	8.7	334	46.8	0.37	11	3.88	8.7	334	46.8	0.37	11	3.88	8.7	334																																																																								
	38.2	0.88	22	3.75	8.5	321	38.2	0.88	22	3.75	8.5	321	38.2	0.88	22	3.75	8.5	321	38.2	0.88	22	3.75	8.5	321	38.2	0.88	22	3.75	8.5	321	38.2	0.88	22	3.75	8.5	321																																																																								
	39.3	0.79	20	3.83	8.7	346	39.3	0.79	20	3.83	8.7	346	39.3	0.79	20	3.83	8.7	346	39.3	0.79	20	3.83	8.7	346	39.3	0.79	20	3.83	8.7	346	39.3	0.79	20	3.83	8.7	346																																																																								
	42.6	0.60	17	3.94	8.9	365	42.6	0.60	17	3.94	8.9	365	42.6	0.60	17	3.94	8.9	365	42.6	0.60	17	3.94	8.9	365	42.6	0.60	17	3.94	8.9	365	42.6	0.60	17	3.94	8.9	365																																																																								
	45.7	0.38	12	4.06	9.2	381	45.7	0.38	12	4.06	9.2	381	45.7	0.38	12	4.06	9.2	381	45.7	0.38	12	4.06	9.2	381	45.7	0.38	12	4.06	9.2	381	45.7	0.38	12	4.06	9.2	381																																																																								
	36.3	0.92	22	3.90	9.0	361	36.3	0.92	22	3.90	9.0	361	36.3	0.92	22	3.90	9.0	361	36.3	0.92	22	3.90	9.0	361	36.3	0.92	22	3.90	9.0	361	36.3	0.92	22	3.90	9.0	361																																																																								
	37.4	0.82	20	3.98	9.2	389	37.4	0.82	20	3.98	9.2	389	37.4	0.82	20	3.98	9.2	389	37.4	0.82	20	3.98	9.2	389	37.4	0.82	20	3.98	9.2	389	37.4	0.82	20	3.98	9.2	389																																																																								
	40.5	0.41	13	4.10	9.4	411	40.5	0.41	13	4.10	9.4	411	40.5	0.41	13	4.10	9.4	411	40.5	0.41	13	4.10	9.4	411	40.5	0.41	13	4.10	9.4	411	40.5	0.41	13	4.10	9.4	411																																																																								
	43.8	0.41	15	4.23	9.6	438	43.8	0.41	15	4.23	9.6	438	43.8	0.41	15	4.23	9.6	438	43.8	0.41	15	4.23	9.6	438	43.8	0.41	15	4.23	9.6	438	43.8	0.41	15	4.23	9.6	438																																																																								
	47.0	0.41	20	4.33	9.8	470	47.0	0.41	20	4.33	9.8	470	47.0	0.41	20	4.33	9.8	470	47.0	0.41	20	4.33	9.8	470	47.0	0.41	20	4.33	9.8	470	47.0	0.41	20	4.33	9.8	470																																																																								
	39.3	0.95	22	4.05	9.3	361	39.3	0.95	22	4.05	9.3	361	39.3	0.95	22	4.05	9.3	361	39.3	0.95	22	4.05	9.3	361	39.3	0.95	22	4.05	9.3	361	39.3	0.95	22	4.05	9.3	361																																																																								
	40.5	0.85	21	4.17	9.5	392	40.5	0.85	21	4.17	9.5	392	40.5	0.85	21	4.17	9.5	392	40.5	0.85	21	4.17	9.5	392	40.5	0.85	21	4.17	9.5	392	40.5	0.85	21	4.17	9.5	392																																																																								
	43.9	0.42	14	4.26	9.7	451	43.9	0.42	14	4.26	9.7	451	43.9	0.42	14	4.26	9.7	451	43.9	0.42	14	4.26	9.7	451	43.9	0.42	14	4.26	9.7	451	43.9	0.42	14	4.26	9.7	451																																																																								
	47.5	0.42	19	4.36	9.9	485	47.5	0.42	19	4.36	9.9	485	47.5	0.42	19	4.36	9.9	485	47.5	0.42	19	4.36	9.9	485	47.5	0.42	19	4.36	9.9	485	47.5	0.42	19	4.36	9.9	485																																																																								
	38.6	0.96	21	4.08	9.1	361	38.6	0.96	21	4.08	9.1	361	38.6	0.96	21	4.08	9.1	361	38.6	0.96	21	4.08	9.1	361	38.6	0.96	21	4.08	9.1	361	38.6	0.96	21	4.08	9.1	361																																																																								
	43.9	0.43	19	4.19	9.3	411	43.9	0.43	19	4.19	9.3	411	43.9	0.43	19	4.19	9.3	411	43.9	0.43	19	4.19	9.3	411	43.9	0.43	19	4.19	9.3	411	43.9	0.43	19	4.19	9.3	411																																																																								
	47.5	0.43	21	4.26	9.5	438	47.5	0.43	21	4.26	9.5	438	47.5	0.43	21	4.26	9.5	438	47.5	0.43	21	4.26	9.5	438	47.5	0.43	21	4.26	9.5	438	47.5	0.43	21	4.26	9.5	438																																																																								
	38.9	0.98	20	4.09	8.8	361	38.9	0.98	20	4.09	8.8	361	38.9	0.98	20	4.09	8.8	361	38.9	0.98	20	4.09	8.8	361	38.9	0.98	20	4.09	8.8	361	38.9	0.98	20	4.09	8.8	361																																																																								
	43.9	0.44	20	4.17	9.0	411	43.9	0.44	20	4.17	9.0	411	43.9	0.44	20	4.17	9.0	411	43.9	0.44	20	4.17	9.0	411	43.9	0.44	20	4.17	9.0	411	43.9	0.44	20	4.17	9.0	411																																																																								
	47.5	0.44	22	4.23	9.2	441	47.5	0.44	22	4.23	9.2	441	47.5	0.44	22	4.23	9.2	441	47.5	0.44	22	4.23	9.2	441	47.5	0.44	22	4.23	9.2	441	47.5	0.44	22	4.23	9.2	441																																																																								
	360	380	396	376	405	427	360	380	396	376	405	427	360	380	396	376	405	427	360	380	396	376	405	427	360	380	396	376	405	427	360	380	396	376	405	427																																																																								
	135	147	157	133	141	154	135	147	157	133	141	154	135	147	157	133	141	154	135	147	157	133	141	154	135	147	157	133	141	154	135	147	157	133	141	154																																																																								
	146	158	168	137	146	159	146	158	168	137	146	159	146	158	168	137	146	159	146	158	168	137	146	159	146	158	168	137	146	159	146	158	168	137	146	159																																																																								

EXPANDED COOLING DATA — GSX130483A* / CA*F4860*6B* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	1.01	0.95	0.77	0.58	2.3	2.2	1.9	1.5			
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.01	0.95	0.77	0.58	1.01	0.95	0.77	0.58	2.3	2.2	1.9	1.5			
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15	2.3	2.2	1.9	1.5	2.3	2.2	1.9	1.5			
		kW	3.20	3.26	3.35	3.45	3.42	3.48	3.58	3.69	3.61	3.68	3.79	3.91	3.78	3.86	3.97	4.10	3.93	4.01	4.13	4.26	4.05	4.14	4.26	4.40	4.05	4.14	4.26	4.40	4.05	4.14	4.26	4.40			
	Amps	7.0	7.1	7.3	7.6	7.5	7.6	7.9	8.1	8.0	8.2	8.5	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.4	9.5	9.7	10.0	10.4	9.5	9.7	10.0	10.4				
	HI PR	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478	403	434	458	478	403	434	458	478				
	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	133	142	155	165	133	142	155	165				
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	37.1	37.9	40.5	43.3	37.1	37.9	40.5	43.3				
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60	1.00	0.99	0.80	0.60	1.00	0.99	0.80	0.60				
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	23	20	16	21	21	19	15	21	21	19	15	21	21	19	15			
1600	1600	kW	3.27	3.33	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.10	4.23	4.36	4.15	4.24	4.37	4.51	4.15	4.24	4.37	4.51	4.15	4.24	4.37	4.51			
		Amps	7.2	7.3	7.5	7.8	7.7	7.8	8.1	8.3	8.2	8.4	8.7	9.0	8.8	8.9	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.7	9.8	10.0	10.3	10.7	9.8	10.0	10.3	10.7			
		HI PR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	428	446	416	447	472	493	416	447	472	493	416	447	472	493			
		LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	137	146	159	170	137	146	159	170			
	MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6	38.2	39.0	41.7	44.6	38.2	39.0	41.7	44.6				
	S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.62	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63				
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	21	19	15	20	20	18	14	20	20	18	14	20	20	18	14				
	1800	kW	3.29	3.35	3.45	3.55	3.52	3.59	3.69	3.80	3.72	3.80	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.40	4.54	4.18	4.27	4.40	4.54	4.18	4.27	4.40	4.54			
		Amps	7.2	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.0	8.8	9.0	9.3	9.6	9.3	9.6	9.8	10.2	9.8	10.1	10.4	10.7	9.8	10.1	10.4	10.7	9.8	10.1	10.4	10.7			
		HI PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	420	452	477	498	420	452	477	498			
LO PR		111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171	139	147	161	171	139	147	161	171				

85	1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
		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	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	23	20	16
		kW	3.22	3.28	3.37	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.13	3.96	4.04	4.16	4.29	4.09	4.17	4.30	4.43
		Amps	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5
		HI PR	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483
		LO PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
		MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
	1600	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	19	16
		kW	3.29	3.35	3.45	3.55	3.52	3.59	3.69	3.80	3.72	3.80	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.40	4.54
		Amps	7.2	7.4	7.6	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.0	8.8	9.0	9.3	9.6	9.3	9.6	9.8	10.2	9.8	10.1	10.4	10.7
		HI PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498
		LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
		MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	1800	ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	18	16
		kW	3.31	3.38	3.47	3.58	3.54	3.61	3.72	3.83	3.75	3.82	3.94	4.06	3.93	4.01	4.13	4.26	4.08	4.17	4.30	4.43	4.22	4.30	4.44	4.58
Amps		7.3	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.3	9.9	10.2	10.5	10.8	
HI PR		235	253	267	278	263	283	299	312	300	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503	
LO PR		112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
MBh		48.5	49.4	51.7	55.1	47.4	48.3	50.5	53.8	46.5	47.3	49.5	52.8	45.5	46.3	48.5	51.8	43.1	43.9	46.1	49.4	40.1	40.8	42.9	45.9	
S/T		1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
ΔT		24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	18	16	

EXPANDED COOLING DATA — GSX130484A* / CA*F4860*6B*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-								
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
	kW	3.15	3.21	3.30	-	3.36	3.43	3.53	-	3.56	3.63	3.73	-	3.72	3.80	3.91	-	3.87	3.95	4.07	-	3.99	4.07	4.20	-	3.99	4.07	4.20	-								
	Amps	3.7	3.8	3.9	-	4.0	4.1	4.2	-	4.3	4.4	4.5	-	4.6	4.7	4.8	-	4.8	4.9	5.1	-	5.1	5.2	5.4	-	5.1	5.2	5.4	-								
	HI PR	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-	395	425	449	-								
	LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-								
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-								
	S/T	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-								
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
kW	3.22	3.28	3.37	-	3.44	3.51	3.61	-	3.64	3.71	3.82	-	3.81	3.89	4.01	-	3.96	4.04	4.16	-	4.09	4.17	4.30	-	4.09	4.17	4.30	-									
1800	Amps	3.8	3.9	4.0	-	4.1	4.2	4.3	-	4.4	4.5	4.6	-	4.7	4.8	4.9	-	4.9	5.1	5.2	-	5.2	5.3	5.5	-	5.2	5.3	5.5	-								
	HI PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-	407	438	463	-								
	LO PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	134	143	156	-								
	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-								
	S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-	0.88	0.74	0.51	-								
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-								
	kW	3.24	3.30	3.40	-	3.47	3.53	3.64	-	3.66	3.74	3.85	-	3.84	3.92	4.04	-	3.99	4.07	4.20	-	4.12	4.20	4.33	-	4.12	4.20	4.33	-								
	Amps	3.9	3.9	4.0	-	4.1	4.2	4.3	-	4.4	4.5	4.7	-	4.7	4.8	5.0	-	5.0	5.1	5.3	-	5.3	5.4	5.5	-	5.3	5.4	5.5	-								
	HI PR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-	411	443	468	-								
	LO PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-	136	144	158	-								

75	1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
		S/T	0.81	0.72	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
		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	3.17	3.23	3.32	3.42	3.39	3.46	3.56	3.66	3.58	3.65	3.76	3.88	3.75	3.83	3.94	4.06	3.90	3.98	4.10	4.23	4.02	4.11	4.23	4.36
		Amps	3.8	3.8	3.9	4.1	4.0	4.1	4.2	4.4	4.3	4.4	4.6	4.7	4.6	4.7	4.8	5.0	4.9	5.0	5.1	5.3	5.1	5.2	5.4	5.6
		HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
		MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.84	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
1600	kW	3.24	3.30	3.40	3.50	3.47	3.53	3.64	3.75	3.67	3.74	3.85	3.97	3.84	3.92	4.04	4.16	3.99	4.07	4.20	4.33	4.12	4.20	4.33	4.47	
	Amps	3.9	3.9	4.0	4.2	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.7	4.8	5.0	5.1	5.0	5.1	5.3	5.4	5.3	5.4	5.5	5.7	
	HI PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488	
	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	
	S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44	
	ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
	kW	3.26	3.33	3.42	3.52	3.49	3.56	3.66	3.77	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.19	4.02	4.10	4.23	4.36	4.15	4.24	4.37	4.51	
	Amps	3.9	4.0	4.1	4.2	4.2	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	
	1800	HI PR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	427	446	416	447	472	493
LO PR		110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	

EXPANDED COOLING DATA — GSX130484A* / CA*F4860*6B* (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9											
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.01	0.95	0.77	0.58											
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15											
		kW	3.19	3.25	3.35	3.44	3.41	3.48	3.58	3.69	3.61	3.68	3.79	3.91	3.78	3.86	3.97	4.10	3.93	4.01	4.13	4.26	4.05	4.14	4.27	4.40											
	Amps	3.8	3.9	4.0	4.1	4.1	4.1	4.3	4.4	4.4	4.5	4.6	4.8	4.6	4.7	4.9	5.1	4.9	5.0	5.2	5.3	5.2	5.3	5.5	5.6												
	Hi PR	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478												
	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165												
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3												
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60												
	1600	1600	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			3.26	3.33	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.10	4.23	4.36	4.15	4.24	4.37	4.51											
Amps			3.9	4.0	4.1	4.2	4.2	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8											
Hi PR			230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	428	446	416	447	472	493											
LO PR		110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170												
MBh		46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6												
S/T		0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63												
ΔT		23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	22	19	15	20	20	18	14												
1800		kW	3.29	3.35	3.45	3.55	3.52	3.59	3.69	3.80	3.72	3.80	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.40	4.54											
		Amps	3.9	4.0	4.1	4.2	4.2	4.2	4.3	4.4	4.5	4.6	4.8	4.9	4.8	4.9	5.1	5.2	5.1	5.2	5.3	5.5	5.4	5.5	5.6	5.8											
	Hi PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498												
	LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171												

1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
	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	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	23	20	
	kW	3.22	3.28	3.37	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.00	4.13	3.96	4.04	4.16	4.29	4.09	4.17	4.30	4.43
	Amps	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.8	4.9	5.1	4.9	5.1	5.2	5.4	5.2	5.3	5.5	5.7
	Hi PR	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483
	LO PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	22	19
1600	kW	3.29	3.35	3.45	3.55	3.52	3.59	3.69	3.80	3.72	3.80	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.40	4.54
	Amps	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.8	4.9	5.1	5.2	5.1	5.2	5.3	5.5	5.4	5.5	5.6	5.8
	Hi PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498
	LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
	S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
	kW	3.31	3.38	3.47	3.57	3.54	3.61	3.72	3.83	3.75	3.82	3.94	4.06	3.93	4.01	4.13	4.26	4.08	4.17	4.30	4.43	4.22	4.30	4.44	4.58
	Amps	3.9	4.0	4.1	4.3	4.2	4.3	4.4	4.6	4.6	4.7	4.8	5.0	4.8	4.9	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9
	Hi PR	235	253	267	278	263	283	299	312	300	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503
LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	

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

EXPANDED COOLING DATA — GSX130603A* / CA*F4961*6A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1500	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	-	38.0	39.5	43.5	-	36.0	37.5	41.5	-			
		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	0.64	0.44	-	0.77	0.64	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-			
		ΔT	21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-			
		kW	4.03	4.10	4.22	-	4.30	4.38	4.50	-	4.54	4.62	4.76	-	4.75	4.84	4.98	-	4.93	5.02	5.17	-	5.08	5.18	5.34	-	5.07	5.17	5.33	-	5.06	5.16	5.32	-			
	Amps	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.6	10.8	11.2	-	11.3	11.6	11.9	-	12.0	12.3	12.7	-	12.7	13.0	13.4	-	12.7	13.0	13.4	-	12.7	13.0	13.4	-				
	HI PR	230	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	427	-	415	446	471	-	415	446	471	-	415	446	471	-				
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-	129	137	149	-				
	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	-	36.0	37.5	41.5	-	33.0	34.5	38.5	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-				
	kW	4.12	4.19	4.31	-	4.39	4.48	4.61	-	4.64	4.73	4.87	-	4.86	4.95	5.10	-	5.04	5.14	5.29	-	5.20	5.30	5.46	-	5.19	5.29	5.45	-	5.18	5.28	5.44	-				
	Amps	9.3	9.5	9.8	-	10.0	10.3	10.6	-	10.9	11.1	11.5	-	11.6	11.9	12.3	-	12.3	12.6	13.0	-	13.0	13.4	13.8	-	12.7	13.0	13.4	-	12.7	13.0	13.4	-				
	HI PR	237	255	269	-	266	286	302	-	302	325	343	-	344	370	391	-	387	417	440	-	428	460	486	-	428	460	486	-	428	460	486	-				
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-	133	141	154	-				
75	1500	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	-	36.0	37.5	41.5	-	33.0	34.5	38.5	-			
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-			
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-			
		kW	4.14	4.22	4.34	-	4.43	4.51	4.64	-	4.67	4.76	4.90	-	4.89	4.99	5.14	-	5.08	5.18	5.33	-	5.24	5.34	5.51	-	5.23	5.33	5.49	-	5.22	5.32	5.48	-			
	Amps	9.4	9.6	9.9	-	10.1	10.4	10.7	-	11.0	11.2	11.6	-	11.7	12.0	12.4	-	12.4	12.7	13.2	-	13.2	13.5	13.9	-	12.7	13.0	13.4	-	12.7	13.0	13.4	-				
	HI PR	239	257	272	-	268	289	305	-	305	328	347	-	348	374	395	-	391	421	444	-	432	465	491	-	432	465	491	-	432	465	491	-				
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	134	143	156	-	134	143	156	-				
	1750	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	38.0	39.5	43.5	47.5	41.0	42.5	46.5	50.0			
		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	0.75	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38	0.87	0.78	0.59	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	22	21	17	12	22	21	17	12			
		kW	4.06	4.13	4.25	4.37	4.33	4.41	4.54	4.67	4.57	4.66	4.79	4.94	4.78	4.88	5.02	5.17	4.96	5.06	5.21	5.37	5.12	5.22	5.38	5.54	5.12	5.22	5.38	5.54	5.12	5.22	5.38	5.54			
	Amps	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.5	14.0	12.7	13.0	13.4	13.8	13.2	13.5	13.9	14.4				
	HI PR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	419	451	476	497	419	451	476	497				
	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	130	138	151	161	130	138	151	161				
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	36.0	37.5	41.5	45.5	39.0	40.5	44.5	48.5					
S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	0.91	0.81	0.61	0.39	0.91	0.81	0.61	0.39					
ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	21	20	16	11	21	20	16	11					
kW	4.15	4.22	4.34	4.46	4.43	4.51	4.64	4.77	4.67	4.76	4.90	5.05	4.89	4.99	5.14	5.29	5.08	5.18	5.33	5.50	5.24	5.34	5.51	5.68	5.23	5.33	5.49	5.65	5.22	5.32	5.48	5.64					
Amps	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.6	13.2	13.5	13.9	14.4	13.8	14.1	14.5	14.9	15.3	15.7	16.1	16.5					
HI PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	463	432	465	491	512	432	465	491	512	432	465	491	512					
LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	134	143	156	166	134	143	156	166					
2000	1500	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	36.0	37.5	41.5	45.5	39.0	40.5	44.5	48.5			
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	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	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41			
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	20	19	15	11	20	19	15	11			
		kW	4.17	4.25	4.37	4.50	4.46	4.54	4.67	4.81	4.71	4.80	4.94	5.09	4.93	5.03	5.18	5.33	5.12	5.22	5.38	5.54	5.28	5.39	5.55	5.72	5.27	5.37	5.53	5.69	5.24	5.34	5.51	5.68			
	Amps	9.5	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	12.9	12.6	12.9	13.3	13.8	13.3	13.6	14.0	14.6	13.8	14.1	14.5	14.9	15.3	15.7	16.1	16.5				
	HI PR	242	260	274	286																																

EXPANDED COOLING DATA — GSX130603A* / CA*F4961*6A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																															
		65				75				85				95				105				115											
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	1500	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5			
	S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55				
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17	25	24	21	17				
	kW	4.09	4.16	4.28	4.40	4.36	4.44	4.57	4.70	4.60	4.69	4.83	4.97	4.82	4.91	5.06	5.21	5.00	5.10	5.25	5.41	5.16	5.26	5.42	5.59	5.16	5.26	5.42	5.59				
	Amps	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.2	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2	12.9	13.2	13.7	14.2				
	HI PR	234	252	266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502	423	456	481	502				
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	131	140	152	162				
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6				
	S/T	0.86	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	0.99	0.93	0.76	0.57				
	ΔT	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	24	23	20	16				
1750	kW	4.17	4.25	4.37	4.50	4.46	4.54	4.67	4.81	4.71	4.80	4.94	5.09	4.93	5.03	5.18	5.33	5.12	5.22	5.38	5.54	5.28	5.39	5.55	5.72	5.28	5.39	5.55	5.72				
Amps	9.5	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	13.3	13.6	14.1	14.6					
HI PR	242	260	275	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	470	496	517	436	470	496	517					
LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167					
MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2	47.3	48.4	51.7	55.2					
S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	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	1.00	1.00	0.79	0.59					
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	23	23	20	16	22	22	19	15	22	22	19	15					
2000	kW	4.20	4.28	4.40	4.53	4.49	4.58	4.71	4.85	4.74	4.84	4.98	5.13	4.97	5.06	5.22	5.37	5.15	5.26	5.42	5.58	5.32	5.43	5.59	5.77	5.32	5.43	5.59	5.77				
Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.7	14.2	14.7	13.4	13.7	14.2	14.7					
HI PR	244	263	277	289	274	295	311	324	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	522	441	474	501	522					
LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169					
85	1500	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	43.1	44.0	46.1	49.1			
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71	1.00	0.97	0.87	0.71				
	ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	26	23	26	26	25	21	26	26	25	21					
	kW	4.12	4.19	4.31	4.43	4.39	4.48	4.60	4.74	4.64	4.73	4.87	5.01	4.85	4.95	5.10	5.25	5.04	5.14	5.29	5.45	5.20	5.30	5.46	5.63	5.20	5.30	5.46	5.63				
	Amps	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	13.0	13.4	13.8	14.3				
	HI PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507	428	460	486	507				
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	133	141	154	164				
	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	46.7	47.7	49.9	53.2				
	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	1.00	0.90	0.73	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74				
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21	25	25	24	21				
1750	kW	4.20	4.28	4.40	4.53	4.49	4.58	4.71	4.85	4.74	4.84	4.98	5.13	4.97	5.06	5.22	5.37	5.15	5.26	5.42	5.58	5.32	5.43	5.59	5.77	5.32	5.43	5.59	5.77				
Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.7	14.2	14.7	13.4	13.7	14.2	14.7					
HI PR	244	263	277	289	274	295	311	324	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	522	441	474	501	522					
LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169					
2000	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	48.2	49.1	51.4	54.8				
S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77					
ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	22	23	22	19	22	23	22	19				
kW	4.23	4.31	4.43	4.56	4.52	4.61	4.74	4.88	4.78	4.87	5.01	5.17	5.00	5.10	5.25	5.42	5.19	5.30	5.46	5.63	5.36	5.47	5.64	5.81	5.36	5.47	5.64	5.81					
Amps	9.6	9.9	10.2	10.5	10.4	10.6	11.0	11.4	11.3	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.0	13.5	13.9	14.3	14.8	13.5	13.9	14.3	14.8					
HI PR	246	265	280	292	277	298	314	328	314	338	357	373	358	385	407	425	403	434	458	478	445	479	506	528	445	479	506	528					
LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171	138	147	160	171					

EXPANDED COOLING DATA — GSX130604A* / CA*F4961*6A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1500	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-	41.0	42.5	46.5	-	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	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-			
		ΔT	21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-	19	17	13	-			
		kW	4.02	4.09	4.21	-	4.29	4.38	4.51	-	4.54	4.63	4.77	-	4.76	4.85	5.00	-	4.94	5.04	5.20	-	5.10	5.21	5.37	-	5.10	5.21	5.37	-	5.10	5.21	5.37	-			
	Amps	5.1	5.2	5.4	-	5.5	5.6	5.7	-	5.9	6.0	6.2	-	6.2	6.3	6.5	-	6.6	6.7	6.9	-	6.9	7.0	7.3	-	6.9	7.0	7.3	-	6.9	7.0	7.3	-				
	HI PR	247	266	281	-	278	299	316	-	316	340	359	-	360	387	409	-	405	435	460	-	447	481	508	-	447	481	508	-	447	481	508	-				
	LO PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-	128	136	148	-	128	136	148	-				
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-				
	kW	4.10	4.18	4.30	-	4.39	4.48	4.61	-	4.64	4.74	4.88	-	4.87	4.97	5.12	-	5.06	5.16	5.32	-	5.22	5.33	5.50	-	5.22	5.33	5.50	-	5.22	5.33	5.50	-				
	Amps	5.2	5.3	5.5	-	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.4	6.5	6.7	-	6.7	6.9	7.1	-	7.1	7.2	7.4	-	7.1	7.2	7.4	-	7.1	7.2	7.4	-				
	HI PR	255	275	290	-	286	308	325	-	326	350	370	-	371	399	421	-	417	449	474	-	461	496	524	-	461	496	524	-	461	496	524	-				
	LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-	132	140	153	-				
2000	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-				
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-				
	kW	4.13	4.21	4.34	-	4.42	4.51	4.64	-	4.68	4.77	4.92	-	4.91	5.01	5.16	-	5.10	5.20	5.36	-	5.26	5.37	5.54	-	5.26	5.37	5.54	-	5.26	5.37	5.54	-				
	Amps	5.3	5.4	5.5	-	5.6	5.8	5.9	-	6.1	6.2	6.4	-	6.4	6.6	6.7	-	6.8	6.9	7.1	-	7.1	7.3	7.5	-	7.1	7.3	7.5	-	7.1	7.3	7.5	-				
	HI PR	258	277	293	-	289	311	329	-	329	354	374	-	375	403	426	-	421	453	479	-	466	501	529	-	466	501	529	-	466	501	529	-				
	LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	133	142	155	-	133	142	155	-				

1500	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	0.75	0.56	0.36	0.87	0.77	0.59	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	4.05	4.12	4.24	4.36	4.33	4.41	4.54	4.68	4.57	4.67	4.81	4.95	4.79	4.89	5.04	5.19	4.98	5.08	5.24	5.40	5.14	5.25	5.41	5.58
	Amps	5.2	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.3	6.4	6.6	6.8	6.6	6.8	7.0	7.2	7.0	7.1	7.3	7.6
	HI PR	250	269	284	296	281	302	319	332	319	343	363	378	363	391	413	431	409	440	465	485	452	486	513	535
	LO PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
	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	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
1750	kW	4.14	4.21	4.34	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.92	5.07	4.91	5.01	5.16	5.32	5.10	5.20	5.36	5.53	5.26	5.37	5.54	5.72
	Amps	5.3	5.4	5.5	5.7	5.6	5.8	5.9	6.1	6.1	6.2	6.4	6.6	6.4	6.6	6.7	7.0	6.8	6.9	7.1	7.4	7.1	7.3	7.5	7.8
	HI PR	258	277	293	305	289	311	329	343	329	354	374	390	375	403	426	444	421	454	479	500	466	501	529	552
	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165
	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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	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	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	4.17	4.25	4.37	4.50	4.46	4.55	4.68	4.82	4.72	4.81	4.96	5.11	4.94	5.05	5.20	5.36	5.14	5.24	5.41	5.58	5.31	5.42	5.58	5.76
	Amps	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.0	6.8	7.0	7.2	7.4	7.2	7.3	7.6	7.8
	HI PR	260	280	296	309	292	314	332	346	332	357	378	394	378	407	430	448	426	458	484	505	470	506	534	557
LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
2000	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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	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	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	4.17	4.25	4.37	4.50	4.46	4.55	4.68	4.82	4.72	4.81	4.96	5.11	4.94	5.05	5.20	5.36	5.14	5.24	5.41	5.58	5.31	5.42	5.58	5.76
	Amps	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.0	6.8	7.0	7.2	7.4	7.2	7.3	7.6	7.8
	HI PR	260	280	296	309	292	314	332	346	332	357	378	394	378	407	430	448	426	458	484	505	470	506	534	557
	LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166

EXPANDED COOLING DATA — GSX130604A* / CA*F4961*6A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115																				
		65						75						85						95						105								
		ENTERING INDOOR WET BULB TEMPERATURE																																
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1500	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55
		ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17	25	24	21	17	25	24	21	17
		kW	4.07	4.15	4.27	4.40	4.36	4.44	4.57	4.71	4.61	4.70	4.84	4.99	4.83	4.93	5.08	5.24	5.02	5.12	5.28	5.44	5.18	5.29	5.45	5.62	5.18	5.29	5.45	5.62	5.18	5.29	5.45	5.62
	Amps	5.2	5.3	5.4	5.6	5.5	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.3	6.4	6.6	6.9	6.7	6.8	7.0	7.2	7.0	7.2	7.4	7.6	7.0	7.2	7.4	7.6	7.0	7.2	7.4	7.6	
	HI PR	253	272	287	299	283	305	322	336	322	347	366	382	367	395	417	435	413	444	469	489	456	491	518	541	456	491	518	541	456	491	518	541	
	LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	130	139	151	161	130	139	151	161	
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6	
	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	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	
	ΔT	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	24	23	20	16	24	23	20	16	
	1750	kW	4.17	4.25	4.37	4.50	4.46	4.55	4.68	4.82	4.72	4.81	4.96	5.11	4.94	5.05	5.20	5.36	5.14	5.24	5.41	5.58	5.31	5.42	5.59	5.76	5.31	5.42	5.59	5.76	5.31	5.42	5.59	5.76
2000	Amps	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.0	6.8	7.0	7.2	7.4	7.2	7.3	7.6	7.8	7.2	7.3	7.6	7.8	7.2	7.3	7.6	7.8	
	HI PR	260	280	296	309	292	314	332	346	332	358	378	394	378	407	430	448	426	458	484	505	470	506	534	557	470	506	534	557	470	506	534	557	
	LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	134	143	156	166	134	143	156	166	
	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2	47.3	48.4	51.7	55.2	47.3	48.4	51.7	55.2	
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59	1.00	1.00	0.79	0.59	1.00	1.00	0.79	0.59	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	23	23	20	16	22	22	19	15	22	22	19	15	22	22	19	15	
	kW	4.20	4.28	4.40	4.53	4.49	4.58	4.72	4.86	4.75	4.85	4.99	5.15	4.98	5.08	5.24	5.40	5.18	5.29	5.45	5.62	5.35	5.46	5.63	5.81	5.35	5.46	5.63	5.81	5.35	5.46	5.63	5.81	
	Amps	5.4	5.5	5.6	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.9	7.0	7.2	7.5	7.3	7.4	7.6	7.9	7.3	7.4	7.6	7.9	7.3	7.4	7.6	7.9	
	HI PR	263	283	299	312	295	318	335	350	336	361	381	398	382	411	434	453	430	463	489	510	475	511	540	563	475	511	540	563	475	511	540	563	
	LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	136	144	158	168	136	144	158	168	

85	1500	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	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
		kW	4.10	4.18	4.30	4.43	4.39	4.48	4.61	4.75	4.64	4.74	4.88	5.03	4.87	4.97	5.12	5.28	5.06	5.16	5.32	5.49	5.22	5.33	5.50	5.67
		Amps	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.5	6.4	6.5	6.7	6.9	6.7	6.9	7.1	7.3	7.1	7.2	7.4	7.7
		HI PR	255	274	290	302	286	308	325	339	325	350	370	386	371	399	421	439	417	449	474	494	461	496	524	546
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	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	0.91	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	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21	
	kW	4.20	4.28	4.40	4.53	4.49	4.58	4.72	4.86	4.75	4.85	4.99	5.15	4.98	5.08	5.24	5.40	5.18	5.29	5.45	5.62	5.35	5.46	5.63	5.81	
1750	Amps	5.4	5.5	5.6	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.9	7.0	7.2	7.5	7.3	7.4	7.6	7.9	
	HI PR	263	283	299	312	295	318	335	350	336	361	381	398	382	411	434	453	430	463	489	510	475	511	540	563	
	LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
	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	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19	
	kW	4.23	4.31	4.43	4.56	4.52	4.61	4.75	4.90	4.79	4.89	5.03	5.19	5.02	5.12	5.28	5.45	5.22	5.33	5.49	5.67	5.39	5.50	5.67	5.86	
2000	Amps	5.4	5.5	5.7	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.7	6.6	6.7	6.9	7.1	6.9	7.1	7.3	7.6	7.3	7.5	7.7	8.0	
	HI PR	266	286	302	315	298	321	339	353	339	365	385	402	386	415	439	458	434	467	493	515	480	516	545	569	
	LO PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170	
	MBh	59.9	61.1	63.9	68.1	58.6	59.7	62.4	66.5	57.2	58.3	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	47.7	48.8	50.9	54.0	
	S/T	0.96	0.93	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.79	
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19	
	kW	4.26	4.34	4.46	4.59	4.54	4.63	4.77	4.91	4.80	4.90	5.04	5.20	5.04	5.14	5.30	5.46	5.23	5.34	5.50	5.67	5.39	5.50	5.67	5.86	

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	
GSX13 0363A*	ADPF304216C*		35,000	27,000	13.00	11.00	3787890
	AEPF313716A*		35,000	27,000	14.00	11.50	3784055
	AR*F363616C*		34,400	26,500	13.00	11.00	4260507
	AR*F364216C*		35,000	27,000	13.00	11.00	3787044
	ASPF313716D*		35,000	27,000	14.00	11.50	4149258
	ASPF313716E*		35,000	27,000	14.00	11.50	4355454
	AVPTC313714A*		35,000	27,000	14.00	11.50	4431257
	AWUF36XX16B*		33,400	25,700	13.00	11.00	3784067
	AWUF37XX16B*		34,000	26,200	13.00	11.00	3784069
	CA*F3636*6D*+EEP		35,000	27,000	13.00	11.00	4392769
	CA*F3642*6D*+MBE1600**-1B*		35,400	27,300	14.00	11.50	3880055
	CA*F3642*6D*+MBVC1600**-1A*		35,400	27,300	14.00	11.50	3880063
	CA*F3743*6D*+MBVC1600**-1A*		35,400	27,300	14.00	11.50	4415031
	CHPF3636B6C*+EEP		35,400	27,300	13.00	11.00	3784012
	CHPF3642C6C*+EEP		35,400	27,300	13.00	11.00	3784014
	CHPF3642C6C*+MBE1600**-1B*		35,400	27,300	14.00	11.50	3784080
	CHPF3642C6C*+MBVC1600**-1A*		35,400	27,300	14.00	11.50	3784082
	CHPF3642D6C*+EEP		35,400	27,300	13.00	11.00	3784016
	CSCF3036N6D*+EEP		35,000	27,000	13.00	11.00	4767420
	CSCF3642N6D*+EEP		35,400	27,300	13.00	11.00	4767421
GSX13 0483A*	ADPF486016C*		46,000	35,400	13.00	11.00	4358287
	AEPF426016C*		46,000	35,400	14.00	11.30	3784090
	AR*F486016C*		46,000	35,400	13.00	11.00	3896050
	AR*F496116C*		46,000	35,400	13.00	11.00	4358288
	ASPF426016D*		46,000	35,400	14.00	11.30	4149261
	ASPF426016E*		46,000	35,400	14.00	11.30	4358248
	AVPTC426014A*		46,000	35,400	14.00	11.30	4431273
	CA*F4860*6D*+MBE2000**-1B*		46,000	35,400	14.00	11.30	3880292
	CA*F4860*6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	3880322
	CHPF4860D6D*+EEP		46,000	35,400	13.00	11.00	3784027
	CHPF4860D6D*+MBE2000**-1B*		46,000	35,400	14.00	11.30	3784104
	CHPF4860D6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	3784106
	CSCF4860N6D*+EEP		46,000	35,400	13.00	11.00	4767433
GSX13 0484A*	ADPF486016C*		46,000	35,400	13.00	11.00	4358289
	AEPF426016C*		46,000	35,400	14.00	11.30	3784114
	AR*F486016C*		46,000	35,400	13.00	11.00	3896051
	AR*F496116C*		46,000	35,400	13.00	11.00	4358290
	ASPF426016D*		46,000	35,400	14.00	11.30	4149262
	ASPF426016E*		46,000	35,400	14.00	11.30	4358250
	AVPTC426014A*		46,000	35,400	14.00	11.30	4431274
	CA*F4860*6D*+MBE2000**-1B*		46,000	35,400	14.00	11.30	3880293
	CA*F4860*6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	3880323
	CHPF4860D6D*+EEP		46,000	35,400	13.00	11.00	3784034
	CHPF4860D6D*+MBE2000**-1B*		46,000	35,400	14.00	11.30	3784128
	CHPF4860D6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	3784130
	CSCF4860N6D*+EEP		46,000	35,400	13.00	11.00	4767434

See Notes on next page.

AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	
GSX13 0603A*	ADPF486016C*		57,000	42,800	13.00	11.00	4358253
	AEPF426016C*		57,500	43,100	13.40	11.30	3784138
	AR*F486016C*		56,000	42,000	13.00	11.00	3896054
	AR*F496116C*		57,000	42,800	13.00	11.00	4358254
	ASPF426016D*		57,500	43,100	13.40	11.30	4149264
	ASPF426016E*		57,500	43,100	13.40	11.30	4358294
	AVPTC426014A*		57,500	43,100	13.40	11.30	4431284
	CA*F4860*6D*+EEP		55,500	41,600	13.00	11.00	3880269
	CA*F4860*6D*+MBE2000**-1B*		56,500	42,400	13.50	11.30	3880295
	CA*F4860*6D*+MBE2000**-1B*+TXV		56,000	42,000	13.50	11.30	3880306
	CA*F4860*6D*+MBVC2000**-1A*		56,500	42,400	13.50	11.30	3880326
	CA*F4860*6D*+MBVC2000**-1A*+TXV		56,000	42,000	13.50	11.30	3880340
	CA*F4961*6D*+MBVC2000**-1A*		57,500	43,100	13.50	11.50	4431672
	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,500	43,100	13.50	11.50	4431673
	CHPF4860D6D*+EEP		57,000	42,800	13.00	11.00	3784044
	CHPF4860D6D*+MBE2000**-1B*		57,000	42,800	13.50	11.30	3784162
	CHPF4860D6D*+MBE2000**-1B*+TXV		57,000	42,800	13.50	11.50	3784164
	CHPF4860D6D*+MBVC2000**-1A*		57,000	42,800	13.50	11.30	3784166
	CHPF4860D6D*+MBVC2000**-1A*+TXV		57,000	42,800	13.50	11.50	3784168
	CSCF4860N6D*+MBE2000**-1B*		55,000	41,300	13.50	11.50	4767699
	CSCF4860N6D*+MBVC2000**-1A*		55,000	41,300	13.50	11.50	4767700
GSX13 0604A*	ADPF486016C*		57,000	42,800	13.00	11.00	4358255
	AEPF426016C*		57,500	43,100	13.40	11.30	3784180
	AR*F486016C*		56,000	42,000	13.00	11.00	3896055
	AR*F496116C*		57,000	42,800	13.00	11.00	4358256
	ASPF426016D*		57,500	43,100	13.40	11.30	4149265
	ASPF426016E*		57,500	43,100	13.40	11.30	4358296
	AVPTC426014A*		57,500	43,100	13.40	11.30	4431285
	CA*F4860*6D*+EEP		55,500	41,600	13.00	11.00	3880270
	CA*F4860*6D*+MBE2000**-1B*		56,500	42,400	13.50	11.30	3880296
	CA*F4860*6D*+MBE2000**-1B*+TXV		56,000	42,000	13.50	11.30	3880307
	CA*F4860*6D*+MBVC2000**-1A*		56,500	42,400	13.50	11.30	3880327
	CA*F4860*6D*+MBVC2000**-1A*+TXV		56,000	42,000	13.50	11.30	3880341
	CA*F4961*6D*+MBVC2000**-1A*		57,500	43,100	13.50	11.50	4431674
	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,500	43,100	13.50	11.50	4431675
	CHPF4860D6D*+EEP		57,000	42,800	13.00	11.00	3784050
	CHPF4860D6D*+MBE2000**-1B*		57,000	42,800	13.50	11.30	3784197
	CHPF4860D6D*+MBE2000**-1B*+TXV		57,000	42,800	13.50	11.50	3784198
	CHPF4860D6D*+MBVC2000**-1A*		57,000	42,800	13.50	11.30	3784199
	CHPF4860D6D*+MBVC2000**-1A*+TXV		57,000	42,800	13.50	11.50	3784200
	CSCF4860N6D*+MBE2000**-1B*		55,000	41,300	13.50	11.50	4767701
	CSCF4860N6D*+MBVC2000**-1A*		55,000	41,300	13.50	11.50	4767702

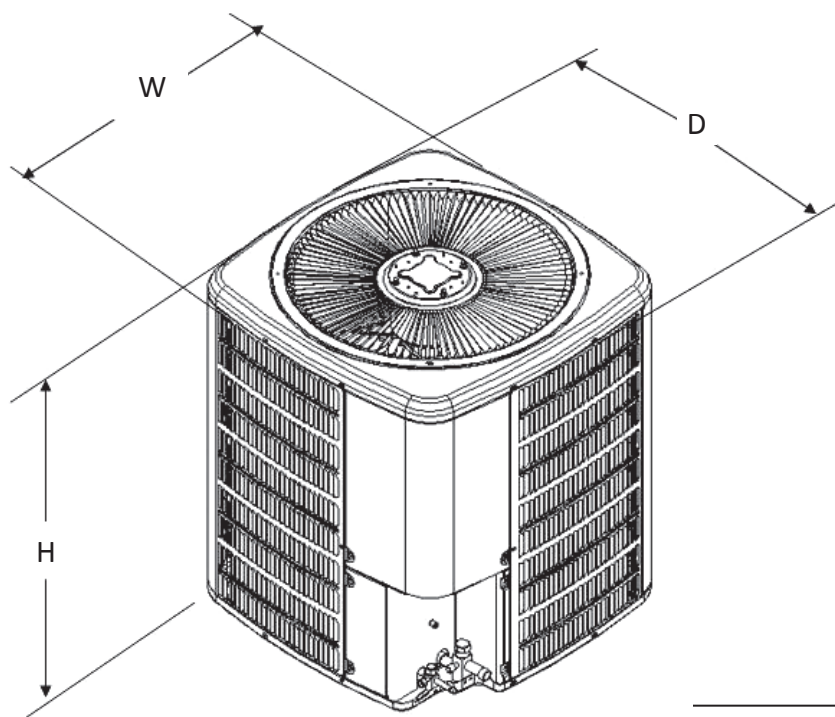
¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

NOTES

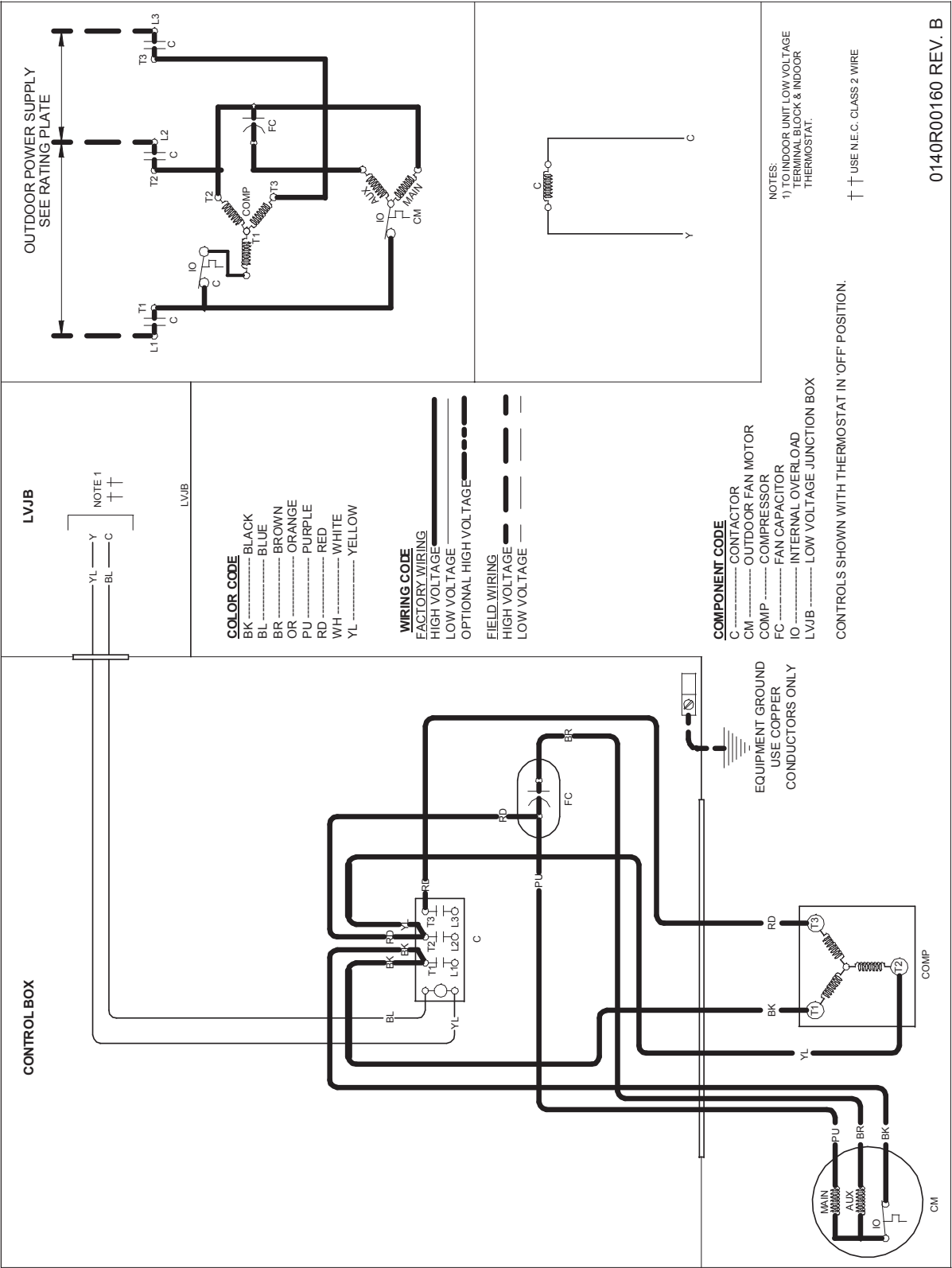
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 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

DIMENSIONS



MODEL	DIMENSIONS		
	W	D	H
GSX130363A*	29"	29"	28¾"
GSX130483A*	29"	29"	36¼"
GSX130484A*	29"	29"	36¼"
GSX130603A*	29"	29"	40
GSX130604A*	29"	29"	40

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	GSX13 0363**	GSX13 0483**	GSX13 0484*	GSX13 0603**	GSX13 0604**
ABK-20	Anchor Bracket Kit ^	x	x	x	x	x
ASC-01	Anti-Short Cycle Kit	x	x	x	x	x
CSR-U-1	Hard-start Kit	x				
CSR-U-2	Hard-start Kit		x	x	x	x
CSR-U-3	Hard-start Kit		x	x	x	x
FSK01A ¹	Freeze Protection Kit	x	x	x	x	x
LSK01A ²	Liquid Line Solenoid Kit	x	x	x	x	x
LAKT01	Low Ambient Kit	x	x	x	x	x
0163R00002	Crankcase heater	x				
0163R00003	Crankcase heater		x		x	
0163R00004	Crankcase Heater			x		x
OY18-60A	Outdoor Thermostat	x	x	x	x	x
TX3N4 ²	TXV Kit	x				
TX5N4 ²	TXV Kit		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. The TXV should always be sized based on the tonnage of the outdoor unit.

NOTES

NOTES



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