



Air Conditioning & Heating

GSXB4

**ENERGY-EFFICIENT CLASSIC
SPLIT SYSTEM AIR CONDITIONER
14.3 SEER2
1½ TO 5 TONS**



Standard Features

- Energy-Efficient Compressor
- Factory-installed filter drier
- Fully charged for 15' of tubing length
- Copper tube/ enhanced aluminum fin coil-5mm diameter on 1.5-3.0T
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- Heavy-gauge galvanized-steel cabinet
- Venturi for increased velocity of airflow
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Rust-resistant coated screws
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

**10
YEAR
PARTS
LIMITED
WARRANTY**



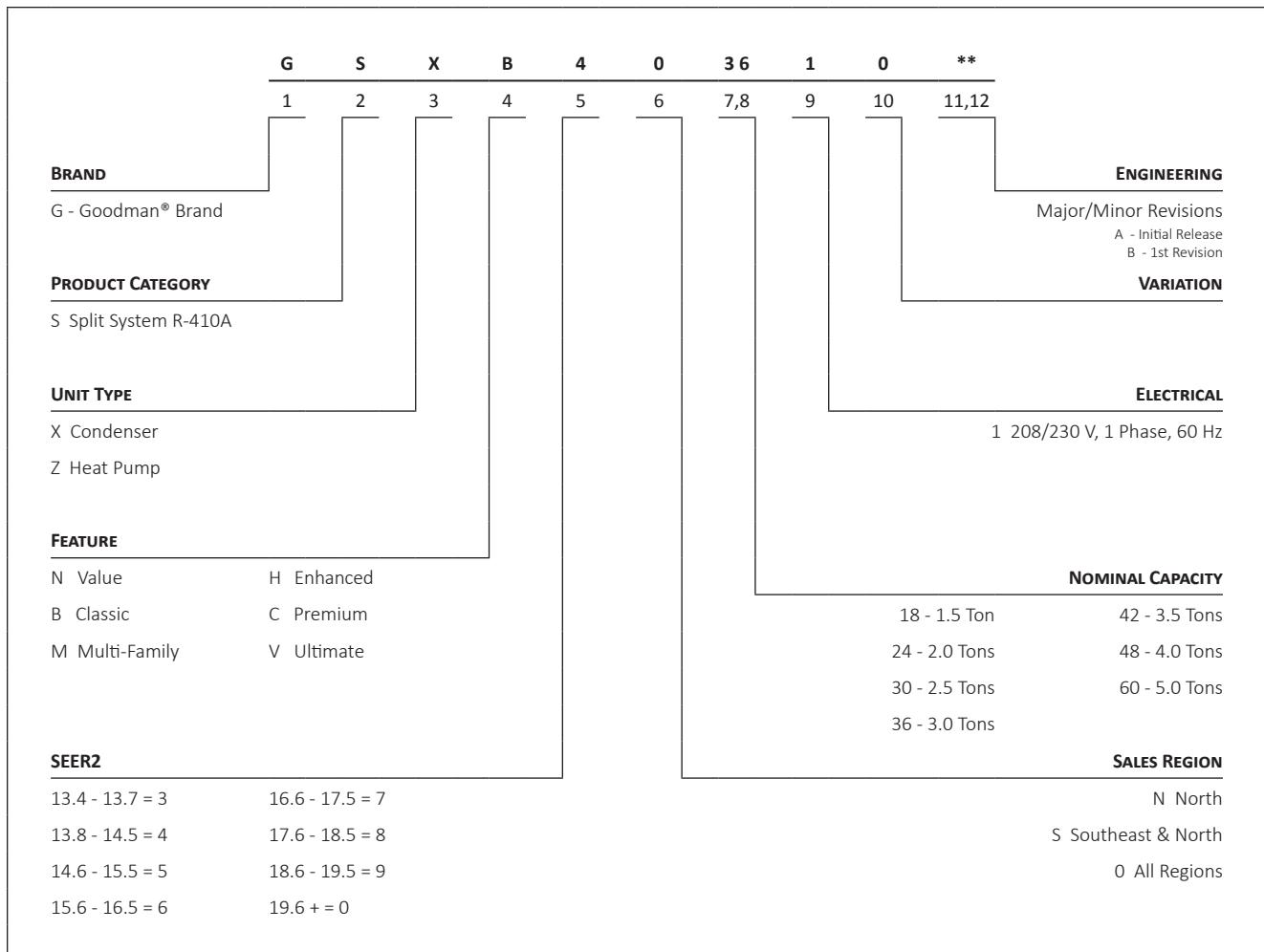
COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas differs in some cases.

NOMENCLATURE



* Denotes AHRI wild cards

	GSXB4 01810A*	GSXB4 02410A*	GSXB4 03010A*	GSXB4 03610A*	GSXB4 04210A*	GSXB4 04810A*	GSXB4 06010A*
COOLING CAPACITY							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels (dBA)	71	73	72	75	72	73	76
COMPRESSOR							
RLA	6.1	11.5	12.8	14.1	177	19.9	23.7
LRA	35.1	59.5	65	87.4	110.2	110	151
Stage	Single						
Type	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	ECM
Horsepower (RPM)	1/8	1/6	1/6	1/6	1/4	1/4	1/3
FLA	0.70	0.95	0.95	0.95	1.30	1.30	2.80
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	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"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{2,3}	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat						
Refrigerant Charge ⁴	71	72	101	102	177	180	209
ELECTRICAL DATA							
Voltage-Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ⁵	8.3	15.3	17.0	18.6	23.4	26.2	32.4
Max. Overcurrent Protection ⁶	15	25	25	30	40	45	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"						
EQUIPMENT WEIGHT (LBS)	138	151	202	202	260	260	283
SHIP WEIGHT (LBS)	153	169	224	224	282	282	305

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with ARI Standard 210/240. For other line set lengths or sizes, refer to the Installation Instructions and/or the Long Line Set Applications guide.

² Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

³ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

⁴ Unit is factory charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

⁵ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁶ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

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

EXPANDED COOLING DATA — GSXB401810/CA*TA1818*4A***

IDB	AIRFLOW	65°F						75°F						85°F						95°F						OUTDOOR AMBIENT 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	115°F			
550	MBh	17.9	18.2	18.7	-	17.8	18.0	18.6	-	17.3	17.6	18.1	-	16.5	16.8	17.3	-	15.5	15.8	16.3	-	14.7	14.9	15.4	-								
	S/T	0.63	0.56	0.43	-	0.64	0.57	0.44	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-								
	ΔT	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	14	-	21	19	16	-								
	kW	1.11	1.11	1.10	-	1.23	1.23	1.22	-	1.36	1.36	1.36	-	1.50	1.50	1.50	-	1.66	1.66	1.66	-	1.85	1.85	1.84	-								
	Amps	4.0	4.0	3.9	-	4.5	4.5	4.5	-	5.1	5.1	5.1	-	5.8	5.8	5.7	-	6.5	6.5	6.5	-	7.3	7.3	7.3	-								
	Hi PR	238	239	241	-	275	276	278	-	314	315	317	-	356	357	359	-	401	403	404	-	450	451	452	-								
	Lo PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-								
	MBh	18.1	18.4	18.9	-	18.0	18.2	18.8	-	17.5	17.8	18.3	-	16.7	17.0	17.5	-	15.7	16.0	16.5	-	14.9	15.1	15.6	-								
600	S/T	0.66	0.58	0.46	-	0.66	0.59	0.46	-	0.69	0.61	0.49	-	1.00	0.63	0.50	-	1.00	0.65	0.53	-	1.00	0.70	0.57	-								
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-								
	kW	1.11	1.11	1.11	-	1.23	1.23	1.23	-	1.36	1.36	1.36	-	1.50	1.50	1.50	-	1.66	1.66	1.66	-	1.85	1.85	1.85	-								
	Amps	4.0	4.0	4.0	-	4.5	4.5	4.5	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-								
	Hi PR	239	240	242	-	277	278	279	-	316	317	318	-	358	359	360	-	403	404	406	-	451	452	454	-								
	Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	155	-	157	158	161	-								
	MBh	18.5	18.7	19.3	-	18.3	18.6	19.1	-	17.9	18.1	18.6	-	17.1	17.3	17.8	-	16.1	16.3	16.9	-	15.2	15.5	16.0	-								
	S/T	0.67	0.60	0.47	-	0.68	0.61	0.48	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-								
675	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	13	-	20	18	14	-								
	kW	1.12	1.12	1.11	-	1.23	1.23	1.23	-	1.37	1.37	1.36	-	1.51	1.51	1.51	-	1.67	1.67	1.67	-	1.86	1.86	1.85	-								
	Amps	4.0	4.0	4.0	-	4.5	4.5	4.5	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-								
	Hi PR	242	243	244	-	279	280	281	-	318	319	320	-	360	361	362	-	405	406	408	-	453	454	456	-								
	Lo PR	128	129	132	-	135	136	140	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-								
	MBh	17.9	18.2	18.7	19.5	17.8	18.0	18.6	19.4	17.3	17.6	18.1	18.9	16.5	16.8	17.3	18.1	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.3								
	S/T	0.75	0.68	0.55	0.4	0.76	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	1.00	0.67	0.5								
	ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	26	24	20	16								
75	550	1.11	1.11	1.10	1.1	1.23	1.22	1.22	1.2	1.36	1.35	1.34	1.4	1.50	1.50	1.50	1.5	1.66	1.66	1.66	1.7	1.85	1.85	1.84	1.9								
	kW	4.0	4.0	3.9	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.7	5.8	6.5	6.5	6.5	6.5	7.3	7.3	7.3	7.4								
	Amps	238	239	241	245.0	275	276	278	282.2	314	315	317	321.2	356	357	359	363.2	402	403	404	408.5	450	451	453	456.8								
	Hi PR	124	125	128	133.5	131	133	136	141.0	138	139	142	147.5	143	145	148	153.0	149	150	153	158.3	155	157	160	165.1								
	Lo PR	MBh	18.1	18.4	18.9	19.7	18.0	18.2	18.8	19.6	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.8	16.0	16.5	17.3	14.9	15.1	15.6	16.5							
	S/T	0.78	0.71	0.58	0.4	0.79	0.71	0.58	0.4	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6								
	ΔT	24	22	18	15	24	22	18	14	24	22	19	15	24	22	18	14	24	22	18	14	25	23	19	15								
	kW	1.11	1.11	1.11	1.12	1.23	1.23	1.23	1.24	1.36	1.36	1.37	1.37	1.50	1.50	1.50	1.51	1.66	1.66	1.66	1.67	1.85	1.85	1.86	1.86								
600	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4								
	Hi PR	240	241	242	246.4	277	278	279	283.6	316	317	318	322.6	358	359	361	364.6	403	404	406	409.9	451	452	454	458.2								
	Lo PR	125	127	130	135.0	133	134	137	142.4	139	141	144	148.9	145	146	149	154.4	150	151	155	159.8	157	158	161	166.5								
	MBh	18.5	18.7	19.3	20.1	18.3	18.6	19.1	19.9	17.9	18.1	18.7	19.5	17.1	17.3	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.8								
	S/T	0.80	0.72	0.60	0.5	1.00	0.73	0.60	0.5	1.00	0.75	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.71	0.6								
	ΔT	23	21	17	13	23	21	17	13	23	21	18	14	23	21	17	13	23	21	17	13	24	22	18	14								
	kW	1.12	1.11	1.11	1.1	1.23	1.23	1.23	1.24	1.37	1.37	1.37	1.37	1.51	1.51	1.51	1.51	1.67	1.67	1.67	1.67	1.86	1.86	1.86	1.86								
	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4								
675	Hi PR	242	243	244	248.5	279	280	282	285.8	318	319	321	324.8	360	361	363	366.8	405	406	408	412.1	451	452	454	458.2								
	Lo PR	128	129	132	137.4	135	136	140	144.8	141	143	146	1																				

EXPANDED COOLING DATA — GSXB401810**/CA*TA1818*4A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
550	MBh	18.0	18.3	18.8	19.6	17.9	18.1	18.7	19.5	17.4	17.7	18.2	19.0	16.6	16.9	17.4	18.2	15.6	15.9	16.4	17.2	14.8	15.0	15.5	16.3
	S/T	1.00	0.80	0.67	0.5	1.00	0.81	0.68	0.5	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	0.74	0.6	1.00	0.79	1.00	1.00	0.7
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	23	19	30	28	25	21
	kW	1.11	1.11	1.10	1.1	1.23	1.23	1.22	1.2	1.36	1.35	1.4	1.36	1.50	1.50	1.50	1.50	1.66	1.66	1.7	1.85	1.84	1.85	1.84	1.9
	Amps	4.0	4.0	3.9	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.7	5.8	6.5	6.5	6.5	7.3	7.3	7.3	7.3	7.4
	Hi PR	239	240	241	245.4	276	277	279	282.6	315	316	318	321.6	357	358	360	363.6	402	403	405	408.9	450	451	453	457.2
600	Lo PR	124	126	129	134.1	132	133	136	141.5	138	140	143	148.0	144	145	148	153.5	149	151	154	158.9	156	157	160	165.6
	MBh	18.2	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.6	17.9	18.4	19.2	16.8	17.1	17.6	18.4	15.8	16.1	16.6	17.4	15.0	15.2	15.7	16.5
	S/T	1.00	0.83	0.70	0.6	1.00	0.83	0.70	0.6	1.00	0.86	0.73	0.6	1.00	0.75	0.6	1.00	0.77	0.6	1.00	0.82	0.7	1.00	0.82	
	ΔT	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	26	22	19	30	27	24	20	
	kW	1.11	1.11	1.11	1.12	1.23	1.23	1.23	1.24	1.36	1.36	1.37	1.36	1.50	1.50	1.50	1.50	1.66	1.66	1.67	1.85	1.85	1.85	1.86	
	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	7.4	7.4	7.4	7.4	
675	Hi PR	240	241	243	246.8	277	278	280	284.0	316	317	319	323.0	358	359	361	365.0	404	405	406	410.3	452	453	455	458.7
	Lo PR	126	127	130	135.5	133	135	138	142.9	140	141	144	149.4	145	147	150	154.9	151	152	155	160.3	157	159	162	167.1
	MBh	18.6	18.8	19.4	20.2	18.4	18.7	19.2	20.0	18.0	18.2	18.7	19.6	17.2	17.4	17.9	18.8	16.2	16.4	17.0	17.8	15.3	15.6	16.1	16.9
	S/T	1.00	0.84	0.71	0.6	1.00	0.85	0.72	0.6	1.00	0.87	0.74	0.6	1.00	0.76	0.6	1.00	0.78	0.6	1.00	0.83	0.7	1.00	0.83	
	ΔT	28	26	22	18	28	26	22	18	28	26	22	18	28	25	22	18	27	25	21	18	28	26	23	
	kW	1.12	1.12	1.11	1.1	1.23	1.23	1.23	1.2	1.37	1.37	1.36	1.4	1.51	1.51	1.51	1.51	1.67	1.67	1.7	1.86	1.86	1.85	1.9	
675	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.8	6.5	6.5	6.5	7.4	7.4	7.4	7.4	
85	Hi PR	242	243	245	249.0	279	280	282	286.2	318	319	321	325.2	360	361	363	367.2	406	407	408	412.5	454	455	457	460.8
	Lo PR	128	130	133	137.9	136	137	140	145.3	142	144	147	155.8	148	149	152	157.3	153	154	158	162.7	160	161	164	169.4
	MBh	18.3	18.6	19.1	19.9	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.1	15.3	15.8	16.6
	S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.77	0.6	1.00	0.80	0.7	0.6	1.00	0.82	0.7	1.00	0.84	0.7	1.00	0.84	0.7	1.00	0.83	
	ΔT	33	31	28	24	33	31	27	24	34	32	28	24	33	31	27	24	33	31	27	23	34	32	28	
	kW	1.11	1.11	1.11	1.1	1.23	1.23	1.23	1.2	1.36	1.36	1.36	1.4	1.50	1.50	1.50	1.50	1.66	1.66	1.7	1.85	1.85	1.85	1.86	
600	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.5	6.5	6.5	7.4	7.4	7.4	7.4	
750	Hi PR	241	242	244	247.9	278	279	281	285.2	317	318	320	324.2	359	360	362	366.2	403	404	406	410.0	452	453	454	458.4
	Lo PR	126	128	131	135.9	134	135	138	143.3	140	142	145	149.8	146	147	150	155.3	151	152	156	160.7	158	159	162	167.5
	MBh	18.5	18.8	19.3	20.1	18.4	18.6	19.2	20.0	17.9	18.2	18.7	19.5	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.3	15.5	15.8	16.8
	S/T	1.00	0.92	0.79	0.7	1.00	1.00	0.80	0.7	1.00	0.82	0.7	0.7	1.00	0.84	0.7	1.00	0.86	0.7	1.00	0.86	0.7	1.00	0.86	
	ΔT	33	31	27	23	32	30	27	23	33	31	27	23	32	30	27	23	32	30	26	23	33	31	28	
	kW	1.11	1.11	1.11	1.12	1.23	1.23	1.23	1.24	1.36	1.36	1.36	1.37	1.51	1.51	1.51	1.51	1.67	1.67	1.67	1.85	1.85	1.85	1.86	
750	Amps	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.8	6.5	6.5	6.5	7.4	7.4	7.4	7.4	
		ENTERING INDOOR DRY BULB TEMPERATURE												OUTDOOR AMBIENT TEMPERATURE											
		65°F						75°F						85°F						95°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		15.6	15.9	16.4	17.2	14.8	15.0	15.5	16.3	14.6	15.2	15.7	16.5	14.1	14.7	15.3	16.1	13.6	14.2	14.8	15.6	14.1	14.6	15.2	16.0

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										ENTERING INDOOR WET BULB TEMPERATURE						105°F						115°F					
		65°F					75°F					85°F					95°F			95°F			105°F			115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
700	MBh	24.0	24.3	25.1	-	23.8	24.1	24.9	-	23.2	23.5	24.2	-	22.1	22.4	23.1	-	20.8	21.1	21.8	-	19.6	19.9	20.6	-				
	S/T	0.57	0.50	0.37	-	0.58	0.51	0.38	-	0.60	0.53	0.40	-	0.62	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.62	0.49	-				
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-				
	kW	1.43	1.43	1.42	-	1.58	1.58	1.57	-	1.74	1.74	1.74	-	1.92	1.92	1.92	-	2.13	2.12	2.12	-	2.36	2.36	2.36	-				
	Amps	4.9	4.9	4.9	-	5.6	5.6	5.6	-	6.4	6.4	6.3	-	7.2	7.2	7.2	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-				
	Hi PR	238	239	241	-	276	277	279	-	315	316	318	-	358	359	361	-	404	405	406	-	452	454	455	-				
800	Lo PR	122	123	127	-	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	154	155	158	-				
	MBh	24.3	24.7	25.4	-	24.1	24.4	25.2	-	23.5	23.8	24.5	-	22.4	22.7	23.5	-	21.1	21.4	22.1	-	19.9	20.2	20.9	-				
	S/T	0.63	0.56	0.43	-	0.64	0.57	0.44	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-				
	ΔT	19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-				
	kW	1.44	1.43	1.43	-	1.58	1.58	1.58	-	1.75	1.75	1.75	-	1.93	1.93	1.93	-	2.13	2.13	2.13	-	2.37	2.37	2.37	-				
	Amps	5.0	4.9	4.9	-	5.6	5.6	5.6	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-				
915	Hi PR	240	241	243	-	278	279	281	-	317	319	320	-	360	361	363	-	406	407	408	-	455	456	457	-				
	Lo PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-				
	MBh	24.8	25.1	25.8	-	24.6	24.9	25.6	-	23.9	24.3	25.0	-	22.8	23.2	23.9	-	21.5	21.9	22.6	-	20.3	20.7	21.4	-				
	S/T	0.67	0.59	0.47	-	0.67	0.60	0.47	-	0.70	0.62	0.50	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-				
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-				
	kW	1.44	1.44	1.44	-	1.59	1.59	1.59	-	1.76	1.76	1.75	-	1.94	1.94	1.94	-	2.14	2.14	2.14	-	2.38	2.38	2.37	-				
915	Amps	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	8.2	8.2	8.2	-	9.3	9.3	9.2	-				
	Hi PR	243	244	245	-	280	281	283	-	320	321	322	-	362	363	365	-	408	409	411	-	457	458	459	-				
	Lo PR	126	128	131	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	155	-	158	159	162	-				

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										ENTERING INDOOR WET BULB TEMPERATURE						105°F						115°F					
		65°F					75°F					85°F					95°F			95°F			105°F			115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
700	MBh	24.0	24.4	25.1	26.2	23.8	24.1	24.9	26.0	23.2	23.5	24.2	25.3	22.1	22.4	23.1	24.3	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7				
	S/T	0.70	0.62	0.50	0.4	0.70	0.63	0.50	0.4	1.00	0.65	0.53	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.57	0.4	1.00	0.71	0.58	0.5				
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	20	16				
	kW	1.43	1.43	1.42	1.4	1.58	1.57	1.57	1.6	1.74	1.74	1.74	1.75	1.92	1.92	1.92	1.92	2.12	2.12	2.12	2.1	2.36	2.36	2.36	2.4				
	Amps	4.9	4.9	4.9	4.9	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	8.1	8.1	8.1	8.1	9.2	9.2	9.2	9.2				
	Hi PR	239	240	241	241	276	277	279	283.1	316	317	318	322.5	358	359	361	365.0	404	405	407	410.7	453	454	455	459.6				
800	Lo PR	122	123	127	131.8	129	131	134	139.2	136	137	141	145.7	141	143	146	151.2	147	148	151	156.6	154	155	158	163.3				
	MBh	24.3	24.7	25.4	26.5	24.1	24.5	25.2	26.3	23.5	23.8	24.6	25.6	22.4	22.8	23.5	24.6	21.1	21.4	22.2	23.3	19.9	20.2	21.0	22.0				
	S/T	0.75	0.68	0.55	0.4	0.76	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.67	0.5				
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	21	18	24	22	17	14	24	22	18	15				
	kW	1.44	1.44	1.44	1.44	1.58	1.58	1.58	1.59	1.75	1.75	1.75	1.75	1.93	1.93	1.93	1.94	2.13	2.13	2.13	2.14	2.37	2.37	2.38	2.38				
	Amps	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	8.1	8.1	8.1	8.2	9.2	9.2	9.3	9.3				
	Hi PR	241	242	243	243	278	279	281	285.1	318	319	320	324.6	360	363	363	367.0	406	407	409	412.8	455	456	457	461.6				
915	Lo PR	124	125	128	133.6	131	133	136	141.0	138	139	142	147.5	143	145	148	153.0	149	150	153	158.4	155	157	160	165.1				
	MBh	24.8	25.1	25.8	26.9	24.6	24.9	25.6	26.7	23.9	24.3	25.0	26.1	22.9	23.2	23.9	25.0	21.5	21.9	22.6	23.7	19.6	20.2	21.4	22.5				
	S/T	0.79	0.72	0.59	0.5	1.00	0.72	0.59</td																					

		OUTDOOR AMBIENT TEMPERATURE										115°F							115°F				
		65°F					75°F					85°F					95°F			105°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
700	MBh	24.1	24.5	25.2	26.3	23.9	24.3	25.0	26.1	23.3	23.6	24.4	25.5	22.2	22.6	23.3	24.4	20.9	21.2	22.0	23.1		
	S/T	1.00	0.74	0.62	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	0.68	0.5	1.00	0.73	
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	29	27	24	27	24	
	kW	1.43	1.43	1.42	1.4	1.58	1.58	1.57	1.6	1.74	1.74	1.8	1.92	1.92	1.9	2.13	2.12	2.1	2.36	2.36	2.36	2.4	
	Amps	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.6	6.4	6.4	6.4	7.2	7.2	7.2	8.1	8.1	8.1	9.2	9.2	9.2	9.2	
	Hi PR	239	240	242	245.9	277	278	279	283.6	316	317	319	323.0	359	360	361	365.4	404	405	407	411.2	453	454
800	MBh	24.5	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	24.0	24.7	25.8	22.5	22.9	23.6	24.7	21.2	21.6	22.3	23.4	20.0	20.4
	S/T	1.00	0.80	0.67	0.5	1.00	0.81	0.68	0.5	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	0.74	0.6	1.00	0.79	0.7
	ΔT	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	28	26	23	27	23	
	kW	1.44	1.43	1.43	1.44	1.58	1.58	1.58	1.59	1.75	1.75	1.75	1.76	1.93	1.93	1.94	2.13	2.13	2.14	2.37	2.37	2.37	
	Amps	5.0	4.9	4.9	5.0	5.6	5.6	5.6	5.6	6.4	6.4	6.4	7.2	7.2	7.2	8.1	8.1	8.1	9.2	9.2	9.2	9.3	
	Hi PR	241	242	244	248.0	279	280	281	285.6	318	319	321	325.0	361	362	363	367.4	406	407	409	413.2	455	458
915	MBh	24.9	25.2	26.0	27.1	24.7	25.0	25.7	26.8	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.8
	S/T	1.00	0.84	0.71	0.6	1.00	0.84	0.71	0.6	1.00	0.87	0.74	0.6	1.00	0.76	0.6	1.00	0.78	0.6	1.00	0.83	0.7	
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	25	21	
	kW	1.44	1.44	1.44	1.45	1.59	1.59	1.59	1.6	1.76	1.76	1.75	1.8	1.94	1.94	1.9	2.14	2.14	2.1	2.38	2.38	2.4	
	Amps	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.4	6.4	6.4	7.3	7.3	7.3	8.2	8.2	8.2	9.3	9.3	9.2	9.3	
	Hi PR	243	244	246	250.2	281	282	284	287.8	320	321	323	327.3	363	364	366	369.7	409	410	411	415.5	457	458
128	MBh	24.9	25.2	26.0	27.1	24.7	25.0	25.7	26.8	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.8
	S/T	1.00	0.84	0.71	0.6	1.00	0.84	0.71	0.6	1.00	0.87	0.74	0.6	1.00	0.76	0.6	1.00	0.78	0.6	1.00	0.83	0.7	
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	25	21	
	kW	1.44	1.44	1.44	1.45	1.59	1.59	1.59	1.6	1.76	1.76	1.75	1.8	1.94	1.94	1.9	2.13	2.13	2.12	2.36	2.36	2.4	
	Amps	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.4	6.4	6.4	7.2	7.2	7.2	8.1	8.1	8.1	9.2	9.2	9.2	9.2	
	Lo PR	127	128	131	136.4	134	136	139	143.8	141	142	145	150.3	146	148	151	155.8	151	153	156	161.2	158	160
124	MBh	24.6	24.9	25.6	26.7	24.3	24.7	25.4	26.5	23.7	24.1	24.8	25.9	22.6	23.0	23.7	24.8	21.3	21.7	22.4	23.5	20.1	20.4
	S/T	1.00	0.84	0.71	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	0.76	0.6	1.00	0.78	0.6	1.00	1.00	0.7	
	ΔT	32	30	26	23	32	30	26	23	32	30	27	32	30	26	23	31	30	27	31	27	24	
	kW	1.43	1.43	1.43	1.44	1.58	1.58	1.58	1.6	1.75	1.74	1.74	1.8	1.93	1.93	1.92	2.13	2.13	2.12	2.36	2.36	2.4	
	Amps	4.9	4.9	4.9	4.9	5.6	5.6	5.6	5.6	6.4	6.4	6.4	7.2	7.2	7.2	8.1	8.1	8.1	9.2	9.2	9.2	9.2	
	Hi PR	240	241	243	247.1	278	279	281	284.7	317	318	320	324.1	360	361	362	366.5	405	406	408	412.3	454	457
126	MBh	24.9	25.2	25.9	27.0	24.7	25.0	25.7	26.8	24.0	24.4	25.1	26.2	22.9	23.3	24.0	25.1	21.6	22.0	22.7	23.8	20.4	20.8
	S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	
	ΔT	31	29	25	22	31	29	25	22	31	29	25	22	31	29	25	22	30	28	25	21	31	
	kW	1.44	1.44	1.43	1.45	1.59	1.59	1.58	1.59	1.75	1.75	1.75	1.76	1.93	1.93	1.94	2.14	2.13	2.13	2.37	2.37	2.38	
	Amps	5.0	5.0	5.0	5.0	5.6	5.6	5.6	5.6	6.4	6.4	6.4	7.2	7.2	7.2	8.1	8.1	8.1	9.2	9.2	9.2	9.2	
	Lo PR	126	128	131	135.9	134	135	138	143.4	140	142	145	149.9	146	147	150	155.4	151	152	156	160.7	158	159
124	MBh	25.3	25.6	26.4	27.5	25.1	25.4	26.2	27.2	24.5	24.8	25.5	26.6	23.4	23.7	24.4	25.5	22.1	22.4	23.1	24.2	20.9	21.2
	S/T	1.00	0.93	0.80	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	
	ΔT	30	28	24	21	30	28	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	
	kW	1.45	1.44	1.44	1.45	1.59	1.59	1.59	1.6	1.76	1.76	1.76	1.8	1.94	1.94	1.94	2.14	2.14	2.14	2.38	2.38	2.4	
	Amps	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	8.2	8.2	8.2	9.3	9.3	9.3	
	Hi PR	244	246	247	251.3	282	283	285	289.0	322	323	324	328.4	364	365	367	370.8	410	411	412	416.6	459	460
133	MBh	25.3	25.6	26.4	27.5	25.1	25.4	26.2	27.2	24.5	24.8	25.5	26.6	23.4	23.7	24.4	25.5	22.1	22.4	23.1	24.2	20.9	21.2
	S/T	1.00	0.93	0.80	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	
	ΔT	30	28	24	21	30	28	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	
	kW	1.45	1.44	1.44	1.45	1.59	1.59	1.59	1.6	1.76	1.76	1.76	1.8	1.94	1.94	1.94	2.14	2.14	2.14	2.38	2.38	2.4	
	Amps	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	8.2	8.2	8.2	9.3	9.3	9.3	
	Lo PR	128	130	133	138.2	136	137	140	145.7	142	144	147	152.2	148	149	152	157.7	153	155	158	163.1	160	162

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

MBH = NET TOTAL CAPACITY (1000 BTU/HR)
S/T = SENSIBLE TO TOTAL CAPACITY RATIO

PSIG = PRESSURE AT LIQUID SERVICE VALVE, PSIG
LO PR = PRESSURE AT VAPOR SERVICE VALVE, PSIG

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

IDB	Airflow	Outdoor Ambient Temperature												115°F											
		65°F						75°F						85°F						95°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
860	MBh	28.9	29.3	30.1	-	28.6	29.0	29.9	-	27.8	28.2	29.1	-	26.5	26.9	27.8	-	25.0	25.4	26.2	-	23.5	23.9	24.8	
	S/T	0.58	0.51	0.38	-	0.59	0.51	0.38	-	0.61	0.54	0.41	-	0.63	0.56	0.42	-	1.00	0.58	0.45	-	1.00	0.63	0.50	
	ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	20	18	15	
	kW	1.69	1.69	1.69	-	1.87	1.87	1.86	-	2.06	2.06	2.06	-	2.27	2.27	2.27	-	2.50	2.50	2.50	-	2.78	2.78	2.78	
	Amps	5.7	5.7	5.7	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.4	9.4	9.4	-	10.7	10.7	10.7	
	Hi PR	236	237	238	-	273	274	276	-	312	313	315	-	354	355	356	-	399	400	402	-	447	448	450	
	Lo PR	121	122	125	-	128	130	133	-	134	136	139	-	140	141	145	-	145	147	150	-	152	153	157	
	MBh	29.3	29.7	30.5	-	29.0	29.4	30.3	-	28.3	28.7	29.5	-	27.0	27.4	28.2	-	25.4	25.8	26.6	-	23.9	24.3	25.2	
70	MBh	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	
	S/T	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	
	ΔT	1.70	1.70	1.70	-	1.88	1.88	1.87	-	2.07	2.07	2.07	-	2.28	2.28	2.28	-	2.52	2.51	2.51	-	2.79	2.79	2.79	
	kW	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.4	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.7	10.7	10.7	
	Amps	238	239	241	-	275	276	278	-	314	315	317	-	356	357	359	-	401	402	404	-	450	451	452	
	Hi PR	123	124	127	-	130	132	135	-	136	138	141	-	142	143	147	-	147	149	152	-	154	155	159	
	Lo PR	MBh	29.6	30.0	30.9	-	29.3	29.7	30.6	-	28.6	29.0	29.9	-	27.3	27.7	28.6	-	25.7	26.1	27.0	-	24.2	24.7	25.5
	S/T	0.68	0.60	0.47	-	0.68	0.61	0.47	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	
1090	ΔT	18	16	12	-	17	16	12	-	18	16	13	-	17	16	12	-	17	15	12	-	18	17	13	
	kW	1.71	1.71	1.71	-	1.88	1.88	1.88	-	2.08	2.08	2.07	-	2.29	2.29	2.28	-	2.52	2.52	2.52	-	2.80	2.79	2.79	
	Amps	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.8	10.8	10.8	
	Hi PR	239	240	242	-	276	278	279	-	315	317	318	-	357	358	360	-	403	404	405	-	451	452	454	
	Lo PR	124	126	129	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	

		Performance Metrics																								
		System A						System B																		
		Core			Memory			CPU			GPU															
		M	Bh	S	T	D	T	C	P	R	G	U	V													
860	MBh	28.9	29.3	30.1	31.5	28.6	29.0	29.9	31.2	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.6	23.5	23.9	24.8	26.1	
	S/T	0.71	0.63	0.50	0.4	0.71	0.64	0.51	0.4	1.00	0.66	0.53	0.4	1.00	0.68	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.75	0.62	0.5	
	ΔT	23	22	18	15	23	21	18	15	24	22	18	15	23	21	18	14	23	21	18	14	24	22	19	16	
	kW	1.69	1.69	1.69	1.7	1.87	1.86	1.86	1.9	2.06	2.06	2.06	2.1	2.27	2.27	2.27	2.3	2.50	2.50	2.50	2.5	2.78	2.78	2.77	2.8	
	Amps	5.7	5.7	5.7	5.8	6.5	6.5	6.6	7.4	7.4	7.4	7.4	7.5	8.4	8.4	8.4	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.7	
	Hi PR	236	237	239	242.6	273	274	276	279.8	312	313	315	318.8	354	355	357	360.8	399	400	402	406.1	448	449	450	454.4	
1000	Lo PR	121	122	125	130.4	128	130	133	137.8	135	136	139	144.2	140	141	145	149.7	145	147	150	155.0	152	154	157	161.7	
	MBh	29.3	29.7	30.6	31.9	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	26.5	
	S/T	0.77	0.70	0.57	0.4	0.78	0.71	0.57	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.69	0.6	
	ΔT	22	20	17	14	22	20	17	13	21	17	14	14	22	20	17	13	22	20	17	13	23	21	18	14	
	kW	1.70	1.70	1.70	1.71	1.88	1.88	1.87	1.89	2.07	2.07	2.07	2.07	2.28	2.28	2.28	2.29	2.51	2.51	2.51	2.52	2.79	2.79	2.78	2.80	
	Amps	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.4	7.5	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.7	10.7	10.8	10.8	
75	Hi PR	238	239	241	244.9	275	276	278	282.1	314	315	317	321.1	356	357	359	363.1	402	403	404	408.3	450	451	453	456.6	
	Lo PR	123	124	127	132.4	130	132	135	139.8	137	138	141	146.2	142	143	147	151.7	147	149	152	157.0	154	155	159	163.7	
	MBh	29.6	30.0	30.9	32.2	29.4	29.8	30.6	31.9	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9	
	S/T	0.80	0.73	0.59	0.5	0.81	0.73	0.60	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.72	0.6	
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	20	17	14	
	kW	1.71	1.71	1.71	1.7	1.88	1.88	1.88	1.9	2.08	2.07	2.07	2.1	2.29	2.28	2.28	2.3	2.52	2.52	2.52	2.5	2.79	2.79	2.78	2.8	
1090	Amps	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.8	10.8	10.7	10.8	
	Hi PR	239	240	242	246.3	277	278	279	283.5	316	317	318	322.5	358	359	360	364.5	403	404	406	409.7	451	452	454	458.0	
	Lo PR	124	126	129	132.2	121	122	126	141.2	129	130	132	142	147.6	142	145	148	153.1	149	150	152	155.1	152	154	157	165.1
	MBh	29.8	30.2	31.1	32.4	29.6	29.9	30.7	32.0	28.5	29.0	29.9	31.2	27.4	27.8	28.6	29.9	25.8	26.2	27.0	28.3	24.3	24.7	25.5	26.9	
	S/T	0.82	0.75	0.60	0.5	0.81	0.73	0.60	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.67	0.5	1.00	1.00	0.72	0.6	
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	20	17	14	

IDB: Entering Indoor Dry Bulb Temperature at High and low pressures are measured at

ADB: Entering Indoor Dry Bulb Temperature
High and low pressure are measured at the liquid and suction connection valves

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

		OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
860	MBh	29.0	29.4	30.3	31.6	28.8	29.2	30.0	31.4	28.0	28.4	29.3	30.6	26.7	27.1	28.0	29.3	25.1	25.5	26.4	27.7	23.7	24.1	24.9	26.3
	S/T	0.83	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.80	0.67	0.5	1.00	0.69	0.6	1.00	0.69	1.00	0.74	0.6
	ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	20
	kW	1.69	1.69	1.69	1.7	1.87	1.86	1.9	2.06	2.06	2.1	2.27	2.27	2.27	2.27	2.27	2.3	2.50	2.50	2.5	2.50	2.5	2.78	2.77	2.8
	Amps	5.7	5.7	5.7	5.8	6.5	6.5	6.6	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.4	8.4	9.4	9.4	9.4	9.5	9.5	10.7	10.7	10.7
	Hi PR	236	237	239	243.0	273	274	276	280.3	312	313	315	319.3	354	355	357	361.2	400	401	402	406.5	448	449	451	454.8
80	Lo PR	121	123	126	131.0	129	130	133	138.3	135	137	140	144.8	141	142	145	150.2	146	147	150	155.6	153	154	157	162.3
	MBh	29.4	29.8	30.7	32.0	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	26.0	26.8	28.1	24.1	24.5	25.4	26.7
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	0.87	0.74	0.6	1.00	0.76	0.6	1.00	0.76	1.00	0.81	0.7
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	21	17	27	25	22	18
	kW	1.70	1.70	1.70	1.71	1.88	1.88	1.87	1.89	2.07	2.07	2.07	2.08	2.28	2.28	2.28	2.29	2.51	2.51	2.52	2.52	2.79	2.79	2.79	2.80
	Amps	5.8	5.8	5.8	5.8	6.6	6.6	6.6	7.5	7.5	7.5	8.4	8.4	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.7	10.7	10.8	
1090	Hi PR	239	240	241	245.3	276	277	278	282.5	315	316	317	321.5	357	358	359	363.5	402	403	405	408.8	450	451	453	457.1
	Lo PR	123	125	128	133.0	131	132	135	140.3	137	139	142	146.8	142	144	147	152.2	148	149	152	157.6	155	156	159	164.3
	MBh	29.8	30.2	31.0	32.3	29.5	29.9	30.8	32.1	28.7	29.2	30.0	31.3	27.4	27.9	28.7	30.0	25.9	26.3	27.1	28.5	24.4	24.8	25.7	27.0
	S/T	1.00	0.85	0.72	0.6	1.00	0.86	0.72	0.6	1.00	0.88	0.75	0.6	1.00	0.77	0.6	1.00	0.79	0.6	1.00	0.79	1.00	0.84	0.7	
	ΔT	25	24	20	17	25	24	20	17	26	24	20	17	25	24	20	17	25	23	20	17	26	24	21	18
	kW	1.71	1.71	1.71	1.7	1.88	1.88	1.88	1.9	2.08	2.08	2.07	2.1	2.29	2.29	2.28	2.3	2.52	2.52	2.5	2.52	2.79	2.79	2.79	2.8
1090	Amps	5.8	5.8	5.8	5.8	6.6	6.6	6.6	7.5	7.5	7.5	8.4	8.4	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.7	10.7	10.8	
	Hi PR	240	241	243	246.7	277	278	280	283.9	316	317	319	322.9	358	359	361	364.9	403	404	406	410.2	452	453	454	458.5
	Lo PR	125	126	129	134.4	132	133	137	141.7	138	140	143	148.2	144	145	148	153.6	149	151	154	159.0	156	157	160	165.6

		OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
860	MBh	29.5	29.9	30.8	32.1	29.2	29.7	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.5	29.8	25.6	26.0	26.9	28.2	24.2	24.6	25.4	26.7
	S/T	1.00	0.85	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.87	0.75	0.6	1.00	0.77	0.7	1.00	0.79	0.7	1.00	0.79	1.00	1.00	0.7	
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	30	29	25	22	32	30	26	23
	kW	1.70	1.70	1.69	1.7	1.87	1.87	1.87	1.9	2.06	2.06	2.06	2.1	2.27	2.27	2.27	2.3	2.51	2.51	2.50	2.5	2.78	2.78	2.78	2.8
	Amps	5.8	5.8	5.7	5.8	6.5	6.5	6.6	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.7	10.7	10.8	
	Hi PR	237	238	240	244.2	275	276	277	281.4	314	315	316	320.4	356	357	358	362.4	401	402	404	407.6	449	450	452	455.9
1090	Lo PR	123	125	128	132.8	130	132	135	140.2	137	138	141	146.6	142	144	147	152.0	148	149	152	157.4	154	156	159	164.1
	MBh	29.9	30.3	31.2	32.5	29.7	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2
	S/T	1.00	0.92	0.79	0.7	1.00	0.93	0.80	0.7	1.00	0.82	0.7	0.7	1.00	0.84	0.7	1.00	0.86	0.7	1.00	0.86	1.00	1.00	0.8	
	ΔT	30	28	24	21	29	28	24	21	30	28	25	21	29	28	24	21	29	27	24	21	30	29	25	22
	kW	1.71	1.71	1.71	1.70	1.72	1.78	1.88	1.88	2.07	2.07	2.07	2.08	2.28	2.28	2.28	2.29	2.52	2.52	2.51	2.53	2.79	2.79	2.79	2.80
	Amps	5.8	5.8	5.8	5.8	6.6	6.6	6.6	7.5	7.5	7.5	8.4	8.4	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.5	10.8	10.8	10.8	
1090	Hi PR	240	241	242	246.4	277	278	280	283.6	316	317	319	322.6	358	359	361	364.6	403	404	406	409.9	451	452	454	458.2
	Lo PR	125	127	130	134.8	132	134	137	142.1	139	140	143	148.6	144	146	149	154.0	150	151	154	159.4	156	158	161	166.1
	MBh	30.2	30.7	31.5	32.8	30.0	30.4	31.3	32.6	29.2	29.6	30.5	31.8	27.9	28.3	29.2	30.5	26.3	26.8	27.6	28.9	24.9	25.3	26.2	27.5
	S/T	1.00	0.95	0.82	0.7	1.00	0.95	0.82	0.7	1.00	0.85	0.75	0.7	1.00	0.87	0.7	1.00	0.89	0.7	1.00	0.89	1.00	1.00	0.8	
	ΔT	29	27	24	20	29	27	24	20	29	27	25	22	29	27	24	20	29	27	23	20	30	28	25	
	kW	1.71	1.71	1.71	1.7	1.89	1.88	1.89	1.9	2.08	2.08	2.08	2.1	2.29	2.29	2.29	2.3	2.52	2.52	2.5	2.52	2.78	2.78	2.78	2.80

EXPANDED COOLING DATA — GSXB403610**/CA*TA3626*4A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
990	M ³ /h	34.7	35.2	36.3	-	34.4	34.9	36.0	-	33.5	34.0	35.1	-	32.0	32.5	33.5	-	30.1	30.5	31.6	-	28.3	28.8	29.8	-
	S/T	0.59	0.51	0.38	-	0.60	0.52	0.39	-	0.62	0.55	0.41	-	0.64	0.56	0.43	-	1.00	0.59	0.45	-	1.00	0.64	0.50	-
	ΔT	21	19	15	-	21	19	15	-	21	19	16	-	21	19	15	-	21	19	15	-	22	20	16	-
	kW	2.05	2.05	2.04	-	2.27	2.27	2.26	-	2.52	2.52	2.51	-	2.79	2.79	2.78	-	3.09	3.09	3.08	-	3.44	3.44	3.43	-
	Amps	7.1	7.1	7.0	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-	10.5	10.4	10.4	-	11.8	11.8	11.8	-	13.4	13.4	13.4	-
	Hi PR	247	248	249	-	286	287	288	-	326	327	329	-	370	371	373	-	418	419	420	-	468	469	471	-
70	Lo PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-
	M ³ /h	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-
	S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	20	19	15	-
	kW	2.06	2.06	2.06	-	2.28	2.28	2.28	-	2.53	2.53	2.53	-	2.80	2.80	2.79	-	3.10	3.10	3.09	-	3.45	3.45	3.45	-
	Amps	7.1	7.1	7.1	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.5	10.5	10.5	-	11.9	11.9	11.9	-	13.5	13.5	13.5	-
1145	Hi PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	375	-	420	421	423	-	471	472	473	-
	Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	149	153	-	155	156	159	-
	M ³ /h	35.9	36.4	37.4	-	35.6	36.1	37.1	-	34.7	35.2	36.2	-	33.1	33.6	34.7	-	31.2	31.7	32.7	-	29.5	30.0	31.0	-
	S/T	0.69	0.62	0.49	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-
	ΔT	18	17	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	2.07	2.07	2.07	-	2.29	2.29	2.29	-	2.54	2.54	2.54	-	2.81	2.81	2.81	-	3.11	3.11	3.11	-	3.46	3.46	3.46	-
1320	Amps	7.2	7.2	7.2	-	8.2	8.2	8.2	-	9.3	9.3	9.3	-	10.6	10.6	10.5	-	11.9	11.9	11.9	-	13.6	13.5	13.5	-
	Hi PR	251	252	254	-	290	291	293	-	331	332	334	-	375	376	378	-	422	423	425	-	473	474	476	-
	Lo PR	126	127	130	-	133	134	138	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-
	M ³ /h	36.4	36.9	37.9	-	35.7	36.2	37.2	-	34.8	35.3	36.3	-	33.3	33.8	34.8	-	31.8	32.3	33.3	-	29.7	30.2	31.2	-
	S/T	0.70	0.63	0.50	-	0.71	0.64	0.51	-	0.74	0.67	0.54	-	1.01	0.68	0.55	-	1.01	0.75	0.62	-	1.01	0.78	0.65	-
	ΔT	19	18	14	-	19	17	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-

		Magnet										Coil																		
		A					B					C					D													
		W	B	I	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
990	MBh	34.8	35.3	36.3	37.9	34.5	34.9	36.0	37.6	33.5	34.0	35.1	36.7	32.0	32.5	33.5	35.1	30.1	30.6	31.6	33.2	28.3	28.8	29.9	31.4					
	S/T	0.72	0.64	0.51	0.4	0.72	0.65	0.51	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	0.77	0.63	0.5					
	ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	25	23	19	16	26	24	21	17					
	kW	2.05	2.04	2.1	2.27	2.27	2.26	2.3	2.52	2.52	2.51	2.5	2.79	2.78	2.78	2.8	3.09	3.08	3.08	3.1	3.44	3.44	3.43	3.4						
	Amps	7.1	7.1	7.0	7.1	8.1	8.1	8.1	8.1	9.2	9.2	9.2	9.3	10.4	10.4	10.4	10.5	11.8	11.8	11.8	11.9	13.4	13.4	13.5	13.5					
	Hi PR	247	248	250	253.9	286	287	289	292.9	327	328	329	333.7	371	372	373	377.6	418	419	421	425.0	468	470	471	475.6					
75	Lo PR	121	123	126	131.0	129	130	133	138.4	135	137	140	144.9	141	142	145	150.4	146	147	151	155.7	153	154	157	162.5					
	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	38.1	34.1	34.5	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	32.0				
	S/T	0.79	0.71	0.58	0.4	0.79	0.72	0.58	0.4	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	0.6					
	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	14	25	23	19	15					
	kW	2.06	2.06	2.05	2.07	2.28	2.28	2.28	2.29	2.53	2.53	2.52	2.54	2.80	2.80	2.79	2.79	2.81	3.10	3.10	3.09	3.11	3.45	3.45	3.46	3.46				
	Amps	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	11.9	13.5	13.5	13.5	13.5					
1145	Hi PR	249	250	252	256.3	288	289	291	295.2	329	330	332	336.0	373	373	374	376	380.0	420	421	423	427.3	471	472	474	477.9				
	Lo PR	123	125	128	133.0	131	132	135	140.4	137	139	142	146.9	143	143	144	147	152.4	148	149	153	157.7	155	156	159	164.5				
	MBh	35.9	36.4	37.5	39.1	35.6	36.1	37.2	38.7	34.7	35.2	36.2	37.8	33.1	33.6	34.7	36.3	31.2	31.7	32.8	34.4	29.5	30.0	31.0	32.6					
	S/T	0.82	0.75	0.61	0.5	0.83	0.75	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.69	0.5	1.00	1.00	0.74	0.6					
	ΔT	23	21	17	13	23	21	17	13	23	21	17	14	23	21	17	13	22	20	17	13	24	22	18	14					
	kW	2.07	2.07	2.07	2.1	2.29	2.29	2.29	2.3	2.54	2.54	2.54	2.6	2.81	2.81	2.8	2.8	3.11	3.10	3.1	3.11	3.46	3.46	3.46	3.5					
1320	Amps	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.6	11.9	11.9	11.9	12.0	13.5	13.5	13.5	13.6					
	Hi PR	252	253	254	258.7	291	292	293	297.6	331	332	334	338.4	375	376	378	382.4	423	424	425	429.8	473	474	476	480.3					
	Lo PR	126	127	130	135.4	133	135	138	142.8	139	141	144	149.3	145	146	150	154.7	152	155	157	159	160.1	157	159	162					

DB: 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 — GSXB403610**/CA*TA3626*4A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115°F												
		65°F						75°F						85°F						95°F						
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
990	MBh	34.9	35.4	36.5	38.1	34.6	35.1	36.2	37.8	33.7	34.2	35.3	36.8	32.2	32.7	33.7	35.3	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6	
	S/T	0.84	0.77	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	0.70	0.6	1.00	0.76	0.6	1.00	0.76	
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	24	20	30	28	25	21	
	kW	2.05	2.05	2.04	2.1	2.27	2.27	2.26	2.3	2.52	2.51	2.52	2.5	2.79	2.79	2.78	2.8	3.09	3.08	3.1	3.44	3.44	3.43	3.43	3.5	
	Amps	7.1	7.1	7.0	7.1	8.1	8.1	8.1	8.1	9.2	9.2	9.2	9.3	10.5	10.4	10.5	10.4	11.8	11.8	11.9	13.4	13.4	13.4	13.4	13.5	
	Hi PR	247	248	250	254.4	286	287	289	293.3	327	328	330	334.1	371	372	374	378.1	418	419	421	425.5	469	470	472	476.0	
1145	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	
	S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.6	1.00	0.86	0.73	0.6	1.00	0.88	0.75	0.6	1.00	0.77	0.6	1.00	0.82	0.7	1.00	0.82	
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	28	26	22	19	29	27	23	20	
	kW	2.06	2.06	2.05	2.07	2.28	2.28	2.28	2.29	2.53	2.53	2.53	2.54	2.80	2.80	2.79	2.81	3.10	3.09	3.11	3.45	3.45	3.45	3.45	3.46	
	Amps	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.3	9.3	9.3	9.3	10.5	10.5	10.5	10.5	11.9	11.9	11.9	13.5	13.5	13.5	13.5	13.6	
	Hi PR	250	251	252	256.7	289	290	291	295.7	329	330	332	336.5	373	374	376	380.4	421	422	423	427.8	471	472	474	478.4	
80	Lo PR	124	125	128	133.6	131	133	136	141.0	139	142	147.4	143	145	145	147	150	153	158.3	155	157	160	165.0			
	MBh	36.1	36.6	37.6	39.2	35.8	36.3	37.3	38.9	34.9	35.4	36.4	38.0	33.3	33.8	34.9	36.4	31.4	31.9	32.9	34.5	29.7	30.2	31.2	32.8	
	S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.74	0.6	1.00	0.90	0.77	0.6	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7	1.00	0.86
	ΔT	27	25	21	18	27	25	21	18	27	25	22	18	27	25	21	18	27	25	21	17	28	26	22	19	
	kW	2.07	2.07	2.07	2.1	2.29	2.29	2.29	2.3	2.54	2.54	2.54	2.6	2.81	2.81	2.81	2.8	3.11	3.11	3.1	3.46	3.46	3.46	3.46	3.5	
	Amps	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.6	10.6	10.5	10.6	11.9	11.9	11.9	12.0	13.6	13.5	13.5	13.6	
1320	Hi PR	252	253	255	259.1	291	292	294	298.1	332	333	335	338.9	376	377	379	382.8	423	424	426	430.2	474	475	476	480.8	
	Lo PR	126	128	131	135.9	134	135	138	143.3	140	142	145	149.8	145	147	150	155.3	151	152	155	160.6	158	159	162	167.4	
	MBh	36.1	36.6	37.6	39.2	35.8	36.3	37.3	38.9	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.9	30.8	31.3	32.4	34.0	29.7	30.2	31.2	32.8	
	S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.74	0.6	1.00	0.90	0.77	0.6	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7	1.00	0.86
	ΔT	27	25	21	18	27	25	21	18	27	25	22	18	27	25	21	18	27	25	21	17	28	26	22	19	
	kW	2.07	2.07	2.07	2.1	2.29	2.29	2.29	2.3	2.54	2.54	2.54	2.6	2.81	2.81	2.81	2.8	3.11	3.11	3.1	3.46	3.46	3.46	3.46	3.5	
990	Amps	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.4	10.5	11.8	11.8	11.8	13.5	13.5	13.5	13.5	13.6	
	Hi PR	248	250	251	255.5	287	288	290	294.5	328	329	331	335.3	372	373	375	379.2	420	421	422	426.6	470	471	473	477.2	
	Lo PR	124	125	128	133.4	131	133	136	140.8	137	139	142	147.3	143	144	148	152.7	148	150	153	158.1	155	157	160	164.8	
1145	MBh	35.5	36.0	37.1	38.7	35.2	35.7	36.8	38.3	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.9	30.8	31.3	32.4	34.0	29.6	30.1	31.1	32.7	
	S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.74	0.6	1.00	0.90	0.78	0.6	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7	1.00	0.7
	ΔT	33	31	28	24	33	31	28	24	33	31	28	24	33	31	27	24	33	31	27	24	34	32	29	25	
	kW	2.05	2.05	2.05	2.1	2.27	2.27	2.27	2.3	2.52	2.52	2.52	2.5	2.79	2.79	2.78	2.8	3.09	3.09	3.1	3.44	3.44	3.44	3.44	3.5	
	Amps	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.4	10.5	11.8	11.8	11.8	13.5	13.5	13.5	13.5	13.6	
	Hi PR	251	252	254	257.9	290	291	293	296.8	331	332	333	337.6	374	376	377	381.6	422	423	425	429.0	472	473	475	479.5	
85	Lo PR	126	127	130	135.4	133	135	138	142.8	139	141	144	149.2	145	146	150	154.7	150	152	155	160.1	157	159	162	166.8	
	MBh	36.7	37.2	38.2	39.8	36.4	36.9	37.9	39.5	35.5	36.0	37.0	38.6	33.9	34.4	35.4	37.0	32.0	32.5	33.5	35.1	30.3	30.8	31.8	33.4	
	S/T	1.00	0.97	0.84	0.7	1.00	0.90	0.84	0.7	1.00	0.87	0.87	0.7	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	1.00	0.8
	ΔT	31	29	25	21	31	29	25	21	31	29	25	22	31	29	25	21	30	28	25	21	32	30	26	22	
	kW	2.08	2.07	2.07	2.1	2.30	2.30	2.29	2.3	2.55	2.54	2.54	2.6	2.82	2.81	2.81	2.8	3.12	3.11	3.1	3.47	3.47	3.46	3.46	3.5	
	Amps	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.6	10.6	10.6	10.6	12.0	12.0	12.0	13.6	13.6	13.6	13.6	13.6	
1320	Hi PR	253	254	256	260.3	292	293	295	299.2	333	334	336	340.1	377	378	380	384.0	424	425	427	431.4	475	476	478	481.9	
	Lo PR	128	129	133	137.8	135	137	140	145.1	142	143	146	151.6	147	149	152	157.1	153	154	157	162.5	159	161	164	169.2	
	MBh	34.9	35.4	36.5	38.1	34.6	35.1	36.2	37.8	33.7	34.2	35.3	36.8	32.2	32.7	33.7	35.3	30.3	30.7	31.8	33.4	28.5	29.0	30.0	31.6	
	S/T	0.84	0.77	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	0.70	0.6	1.00	0.76	0.6	1.00	0.76	
	ΔT	29	27	24	20	29	27	24	20	30	28	26	24	29	27	24	20	30	28	26	24	32	30	26		

EXPANDED COOLING DATA — GSXB404210/CA*TA4230*4A***

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										115°F										
		65°F					75°F					85°F				95°F				105°F		
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1220	MBh	40.7	41.3	42.5	-	40.3	40.9	42.1	-	39.3	39.8	41.0	-	37.4	38.0	39.2	-	35.2	35.8	37.0	-	
	S/T	0.61	0.54	0.40	-	0.62	0.54	0.40	-	0.64	0.57	0.43	-	0.66	0.59	0.45	-	0.69	0.61	0.47	-	
	ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	
	kW	2.38	2.38	2.38	-	2.63	2.63	2.63	-	2.91	2.91	2.91	-	3.22	3.21	3.21	-	3.55	3.55	3.55	-	
	Amps	8.1	8.1	8.1	-	9.2	9.2	9.2	-	10.5	10.5	10.5	-	11.9	11.9	11.9	-	13.4	13.4	13.4	-	
	Hi PR	237	238	239	-	274	275	277	-	313	314	316	-	355	356	358	-	401	402	403	-	
1400	Lo PR	119	120	123	-	126	128	131	-	132	134	137	-	138	139	142	-	143	144	147	-	
	MBh	41.2	41.8	43.0	-	40.9	41.4	42.7	-	39.8	40.4	41.6	-	38.0	38.5	39.8	-	35.7	36.3	37.5	-	
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	19	17	14	-	
	kW	2.40	2.40	2.39	-	2.65	2.65	2.64	-	2.93	2.92	2.92	-	3.23	3.23	3.22	-	3.57	3.57	3.56	-	
	Amps	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.5	-	12.0	11.9	11.9	-	13.5	13.5	13.5	-	
1530	Hi PR	239	240	241	-	276	277	279	-	315	316	318	-	357	358	360	-	403	404	405	-	
	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	140	141	144	-	145	146	149	-	
	MBh	41.7	42.3	43.5	-	41.3	41.9	43.1	-	40.3	40.8	42.1	-	38.4	39.0	40.2	-	36.2	36.8	38.0	-	
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	17	16	12	-	17	15	12	-	
	kW	2.41	2.40	2.40	-	2.66	2.65	2.65	-	2.94	2.93	2.93	-	3.24	3.24	3.23	-	3.58	3.57	3.57	-	
1220	Amps	8.2	8.2	8.2	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.0	12.0	12.0	-	13.5	13.5	13.5	-	
	Hi PR	240	241	243	-	277	278	280	-	317	318	319	-	359	360	361	-	404	405	407	-	
	Lo PR	122	123	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	
1400	MBh	40.7	41.3	42.5	44.4	40.3	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.4	38.0	39.2	41.1	35.2	35.8	37.0	38.9	
	S/T	0.74	0.67	0.53	0.4	0.75	0.67	0.53	0.4	0.77	0.70	0.56	0.4	1.00	0.72	0.58	0.4	1.00	0.74	0.60	0.5	
	ΔT	23	22	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	16	
	kW	2.38	2.38	2.38	2.4	2.63	2.63	2.63	2.6	2.91	2.91	2.91	2.9	3.21	3.21	3.21	3.2	3.55	3.55	3.55	3.6	
	Amps	8.1	8.1	8.0	8.1	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	11.9	13.4	13.4	13.4	13.5	
	Hi PR	237	238	239	243.6	274	275	277	280.9	313	314	316	320.0	355	356	358	362.1	401	402	403	407.6	449
1530	Lo PR	119	120	123	128.4	126	128	131	135.6	132	134	137	142.0	138	139	142	147.3	143	144	148	152.6	150
	MBh	41.3	41.8	43.0	44.9	40.9	41.5	42.7	44.5	39.8	40.4	41.6	43.5	38.0	38.6	39.8	41.6	35.8	36.3	37.6	39.4	33.7
	S/T	0.81	0.73	0.59	0.4	0.81	0.74	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.67	0.5	1.00
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	21	18	14	23
	kW	2.40	2.39	2.39	2.39	2.64	2.64	2.64	2.66	2.93	2.92	2.92	2.92	3.23	3.23	3.23	3.24	3.57	3.57	3.56	3.58	3.58
	Amps	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.3	10.6	10.6	10.6	10.6	11.9	11.9	11.9	11.9	13.5	13.5	13.5	13.6	13.6
1220	Hi PR	239	240	242	245.6	276	277	279	283.0	315	316	318	322.1	357	358	360	364.2	403	404	406	409.6	451
	Lo PR	121	122	125	130.2	128	129	132	137.4	134	136	139	143.8	140	141	144	149.1	145	146	149	154.4	151
	MBh	41.7	42.3	43.5	45.4	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.0	40.3	42.1	36.2	36.8	38.0	39.9	34.2
	S/T	0.83	0.76	0.62	0.5	0.84	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22
	kW	2.40	2.40	2.40	2.4	2.65	2.65	2.65	2.7	2.93	2.93	2.93	2.93	3.24	3.23	3.23	3.24	3.57	3.57	3.57	3.6	3.97
1400	Amps	8.2	8.2	8.1	8.2	9.3	9.3	9.3	9.3	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.0	13.5	13.5	13.5	13.6	13.6
	Hi PR	241	243	247.1	278	279	280	284.4	317	318	319	323.5	359	360	362	365.7	404	405	407	411.1	453	454
	Lo PR	122	124	127	131.6	129	131	134	138.8	136	137	140	145.2	141	142	145	150.5	146	148	151	155.8	153
	MBh	41.7	42.3	43.5	45.4	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.0	40.3	42.1	36.2	36.8	38.0	39.9	34.2
	S/T	0.83	0.76	0.62	0.5	0.84	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22
1530	Hi PR	240	241	247.1	278	279	280	284.4	317	318	319	323.5	359	360	362	365.7	404	405	407	411.1	453	454
	Lo PR	122	124	127	131.6	129	131	134	138.8	136	137	140	145.2	141	142	145	150.5	146	148	151	155.8	153
	MBh	41.7	42.3	43.5	45.4	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.0	40.3	42.1	36.2	36.8	38.0	39.9	34.2
	S/T	0.83	0.76	0.62	0.5	0.84	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22
	kW	2.40	2.40	2.40	2.4	2.65	2.65	2.65	2.7	2.93	2.93	2.93	2.93	3.24	3.23	3.23	3.24	3.57	3.57	3.57	3.6	3.97

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

High

Low

Pressure

Unit

Power

AMPS = outdoor unit amps (comp+fan)

KW = Total system power

EXPANDED COOLING DATA — GSXB404210**/CA *TA4230*4A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1220	MBh	40.9	41.5	42.7	44.6	40.6	41.1	42.3	44.2	39.5	40.1	41.3	43.1	37.7	38.2	39.5	41.3	35.4	36.0	37.2	39.1	33.4	34.0	35.2	37.0
	S/T	0.87	0.79	0.66	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.69	0.5	1.00	0.84	0.71	0.6	1.00	0.87	0.73	0.6	1.00	1.00	0.78	0.6
	ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	19
	kW	2.38	2.38	2.38	2.4	2.63	2.63	2.6	2.91	2.91	2.91	2.9	3.22	3.21	3.21	3.2	3.55	3.55	3.6	3.95	3.95	3.94	3.94	4.0	4.0
	Amps	8.1	8.1	8.1	8.1	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	11.9	13.4	13.4	13.5	15.3	15.3	15.2	15.2	15.3	15.3
	Hi PR	237	238	240	244.0	275	276	277	281.3	314	316	320.5	356	357	358	362.6	401	402	404	408.0	450	451	452	456.5	456.5
1400	MBh	41.5	42.0	43.3	45.1	41.1	41.7	42.9	44.7	40.0	40.6	41.8	43.7	38.2	38.8	40.0	41.9	36.0	36.5	37.8	39.6	33.9	34.5	35.7	37.6
	S/T	0.93	0.86	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.77	0.6	1.00	0.79	0.6	1.00	1.00	0.84	0.7	0.7
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	17	26	24	21	17	27	25	22	18
	kW	2.40	2.39	2.39	2.41	2.65	2.64	2.66	2.93	2.93	2.92	2.92	3.23	3.23	3.24	3.24	3.57	3.57	3.56	3.58	3.58	3.96	3.96	3.98	3.98
	Amps	8.1	8.1	8.1	8.2	9.3	9.3	9.3	10.6	10.6	10.5	10.5	12.0	11.9	11.9	12.0	13.5	13.5	13.6	15.3	15.3	15.3	15.3	15.4	15.4
	Hi PR	239	240	242	246.1	277	278	279	283.4	316	317	318	322.5	358	359	361	364.7	403	404	406	410.1	452	453	454	458.5
1220	Lo PR	121	123	126	130.7	128	130	133	138.0	135	136	139	144.3	140	142	145	149.6	145	147	150	154.9	152	153	156	161.5
	MBh	41.9	42.5	43.7	45.6	41.6	42.1	43.4	45.2	40.5	41.1	42.3	44.2	38.7	39.2	40.5	42.3	36.4	37.0	38.2	40.1	34.4	35.0	36.2	38.0
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.92	0.78	0.6	1.00	0.94	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
	ΔT	25	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	24	21	18
	kW	2.41	2.40	2.40	2.4	2.66	2.65	2.65	2.7	2.93	2.93	2.93	2.9	3.24	3.24	3.23	3.23	3.57	3.57	3.56	3.57	3.57	3.97	3.97	4.0
	Amps	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.0	13.5	13.5	13.5	13.6	13.6	15.3	15.3	15.4
1530	MBh	41.9	42.5	43.7	45.6	41.6	42.1	43.4	45.2	40.5	41.1	42.3	44.2	38.7	39.2	40.5	42.3	36.4	37.0	38.2	40.1	34.4	35.0	36.2	38.0
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.92	0.78	0.6	1.00	0.94	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
	ΔT	25	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	24	21	18
	kW	2.41	2.40	2.40	2.4	2.66	2.65	2.65	2.7	2.93	2.93	2.93	2.9	3.24	3.24	3.23	3.23	3.57	3.57	3.56	3.57	3.57	3.95	3.95	4.0
	Amps	8.2	8.2	8.1	8.1	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	12.0	13.5	13.5	13.4	13.5	13.5	15.3	15.3	15.4
	Hi PR	241	242	243	247.5	278	279	281	284.9	317	318	320	324.0	359	360	362	366.1	405	406	407	411.5	453	454	456	460.0
1400	Lo PR	123	124	127	132.1	130	131	134	139.4	136	138	141	145.7	141	143	146	151.1	147	148	151	156.3	153	155	158	162.9
	MBh	41.6	42.2	43.4	45.2	41.2	41.8	43.0	44.9	40.2	40.7	42.0	43.8	38.3	38.9	40.1	42.0	36.1	36.7	37.9	39.8	34.1	34.6	35.9	37.7
	S/T	1.00	0.90	0.76	0.6	1.00	0.90	0.76	0.6	1.00	0.79	0.6	1.00	0.81	0.7	1.00	0.83	0.7	1.00	0.90	0.8	1.00	1.00	0.88	0.7
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	30	29	25	22	32	30	26	23
	kW	2.39	2.38	2.38	2.4	2.64	2.64	2.63	2.7	2.92	2.91	2.92	2.9	3.22	3.22	3.21	3.2	3.56	3.56	3.55	3.6	3.95	3.95	3.95	4.0
	Amps	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.3	10.5	10.5	10.5	10.6	11.9	11.9	11.9	12.0	13.5	13.5	13.4	13.5	13.5	15.3	15.3	15.4
1220	Hi PR	238	239	241	245.1	276	277	278	282.5	315	316	317	321.6	357	358	360	363.7	402	403	405	409.1	451	452	453	457.6
	MBh	42.2	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.5	36.7	37.2	38.5	40.3	34.6	35.2	36.4	38.3
	S/T	1.00	0.96	0.82	0.7	1.00	0.97	0.83	0.7	1.00	0.85	0.7	1.00	0.87	0.7	1.00	0.90	0.8	1.00	0.90	0.8	1.00	1.00	0.95	0.8
	ΔT	30	28	25	21	30	28	24	21	30	28	25	21	30	28	24	21	29	28	24	21	30	29	25	22
	kW	2.41	2.40	2.40	2.41	2.65	2.65	2.65	2.66	2.93	2.93	2.93	2.94	3.23	3.23	3.23	3.23	3.57	3.57	3.56	3.58	3.58	3.95	3.95	4.0
	Amps	8.2	8.2	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	11.9	11.9	12.0	13.5	13.5	13.4	13.5	13.5	15.3	15.3	15.4
1530	Lo PR	123	124	127	132.5	130	132	135	139.7	137	138	141	146.1	142	143	146	151.4	147	149	152	156.7	154	155	158	163.3
	MBh	42.6	43.2	44.4	46.3	42.3	42.8	44.0	45.9	41.2	41.8	43.0	44.8	39.4	39.9	41.2	43.0	37.1	37.7	38.9	40.8	35.1	35.7	36.9	38.7
	S/T	1.00	0.99	0.85	0.7	1.00	0.99	0.86	0.7	1.00	0.88	0.7	1.00	0.90	0.8	1.00	0.92	0.8	1.00	0.92	0.8	1.00	1.00	0.95	0.8
	ΔT	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	29	27	24	20	30	29	25	21
	kW	2.41	2.41	2.40	2.4	2.66	2.66	2.65	2.7	2.94	2.94	2.94	2.95	3.24	3.24	3.24	3.24	3.58	3.58	3.57	3.6	3.98	3.98	3.97	4.0
	Amps	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.0	13.6	13.6	13.5	13.6	13.6	15.4	15.4	15.4
1400	Hi PR	242	243	245	248.6	279	280	282	286.0	318	319	321	325.1	360	361	363	367.2	406	407	409	412.6	454	455	457	461.1
	MBh	42.2	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.5	36.7	37.2	38.5					

*EXPANDED COOLING DATA — GSXB404810**/CA*T4961*4A**

IDB	AIRELOW	OUTDOOR AMBIENT TEMPERATURE												105°F						115°F											
		65°F						75°F						85°F						ENTERING INDOOR WET BULB TEMPERATURE			95°F			105°F			115°F		
		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		
1390	MBh	46.7	47.3	48.7	-	46.2	46.9	48.3	-	45.0	45.7	47.1	-	43.0	43.6	45.0	-	40.4	41.1	42.4	-	38.1	38.7	40.1	-	-	-	-			
	S/T	0.63	0.56	0.42	-	0.64	0.56	0.43	-	0.66	0.59	0.45	-	0.68	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-	-	-	-	-		
	ΔT	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	20	18	15	-	22	20	16	-	-	-	-	-		
	kW	2.68	2.68	2.68	-	2.98	2.97	2.97	-	3.31	3.30	3.30	-	3.66	3.66	3.65	-	4.06	4.05	4.05	-	4.52	4.52	4.52	-	-	-	-	-		
	Amps	9.3	9.3	9.3	-	10.7	10.7	10.6	-	12.2	12.2	12.2	-	13.8	13.8	13.8	-	15.6	15.6	15.6	-	17.8	17.7	17.7	-	-	-	-	-		
	Hi PR	241	242	244	-	279	280	282	-	319	320	322	-	362	363	365	-	408	409	411	-	457	458	460	-	-	-	-	-		
70	Lo PR	120	121	124	-	127	128	131	-	133	135	138	-	138	140	143	-	144	145	148	-	150	152	155	-	-	-	-	-		
	MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-	-	-	-	-		
	S/T	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	-	-	-	-		
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-	-	-	-	-		
	kW	2.69	2.69	2.68	-	2.98	2.98	2.98	-	3.31	3.31	3.30	-	3.67	3.66	3.66	-	4.06	4.06	4.06	-	4.53	4.53	4.52	-	-	-	-	-		
	Amps	9.4	9.4	9.3	-	10.7	10.7	10.7	-	12.2	12.2	12.2	-	13.8	13.8	13.8	-	15.7	15.6	15.6	-	17.8	17.8	17.7	-	-	-	-	-		
1460	Hi PR	242	243	245	-	280	281	283	-	320	321	323	-	363	364	365	-	409	410	411	-	458	459	461	-	-	-	-	-		
	Lo PR	120	122	125	-	128	129	132	-	134	135	138	-	139	141	144	-	144	146	149	-	151	152	155	-	-	-	-	-		
	MBh	47.4	48.0	49.4	-	46.9	47.6	49.0	-	45.7	46.4	47.8	-	43.7	44.3	45.7	-	41.1	41.8	43.2	-	38.8	39.5	40.8	-	-	-	-	-		
	S/T	0.67	0.60	0.47	-	0.68	0.61	0.47	-	0.70	0.63	0.50	-	0.72	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	-	-	-	-		
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	20	18	15	-	-	-	-	-		
	kW	2.70	2.69	2.69	-	2.99	2.99	2.98	-	3.32	3.32	3.31	-	3.67	3.67	3.67	-	4.07	4.07	4.06	-	4.54	4.53	4.53	-	-	-	-	-		
1580	Amps	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.8	-	15.7	15.7	15.7	-	17.8	17.8	17.8	-	-	-	-	-		
	Hi PR	244	245	246	-	281	282	284	-	321	322	324	-	364	365	367	-	410	411	413	-	459	460	462	-	-	-	-	-		
	Lo PR	122	123	126	-	129	130	133	-	135	137	140	-	140	142	145	-	146	147	150	-	152	154	157	-	-	-	-	-		

75		MBh	46.7	47.3	48.7	50.8	46.3	46.9	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.6	45.0	47.1	40.4	41.1	42.5	44.6	38.1	38.8	40.2	42.3
			S/T	0.76	0.68	0.55	0.4	0.76	0.69	0.56	0.4	1.00	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.80	0.67
1390	kW	ΔT	25	23	19	16	25	23	19	15	25	23	20	16	25	23	19	15	25	23	19	15	26	24	20	16
		Amps	2.68	2.67	2.7	2.98	2.97	2.97	3.0	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.66	3.66	3.66	3.7	4.06	4.05	4.1	4.52
		Hi PR	9.3	9.3	9.4	10.7	10.7	10.6	10.7	12.2	12.2	12.1	12.1	12.2	12.2	12.2	12.2	12.2	13.8	13.8	13.9	15.6	15.6	15.7	17.7	17.8
		Lo PR	120	121	124	129.2	127	128	131	136.4	133	135	138	142.7	139	140	143	148.0	144	145	148	153.3	150	152	155	159.9
		MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.5	43.2	43.9	45.3	47.4	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5
		S/T	0.77	0.70	0.57	0.4	0.78	0.71	0.57	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.82	0.69	0.6
1460	kW	ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	22	19	15	25	24	20	16	20
		Amps	2.69	2.68	2.68	2.70	2.98	2.98	2.97	3.00	3.31	3.31	3.30	3.30	3.31	3.30	3.30	3.30	3.66	3.66	3.66	3.68	4.06	4.06	4.05	4.52
		Hi PR	9.4	9.3	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	13.8	13.8	13.9	15.6	15.6	15.7	17.8	17.8
		Lo PR	120	122	125	129.9	128	129	132	137.1	134	135	138	143.4	139	141	144	148.7	109	110	112	115.8	108	112	115	120
		MBh	47.4	48.0	49.4	51.5	47.0	47.6	49.0	51.1	45.8	46.4	47.8	49.9	43.7	44.3	45.7	47.8	41.1	41.8	43.2	45.3	38.8	39.5	40.9	43.0
		S/T	0.80	0.73	0.59	0.5	0.81	0.73	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.85	0.71	0.6
1580	kW	ΔT	24	22	18	14	24	21	18	14	22	21	18	14	24	22	18	14	22	18	14	25	23	19	15	20
		Amps	2.70	2.69	2.69	2.7	2.99	2.99	2.98	3.0	3.32	3.32	3.31	3.31	3.32	3.31	3.31	3.31	3.67	3.67	3.67	3.7	4.07	4.07	4.06	4.54
		Hi PR	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	13.9	13.9	13.9	15.7	15.6	15.8	17.8	17.9
		Lo PR	122	123	126	131.1	129	130	133	138.3	135	137	140	144.6	140	142	145	150.0	146	147	150	155.2	152	154	157	161.8
		MBh	47.4	48.0	49.4	51.5	47.0	47.6	49.0	51.1	45.8	46.4	47.8	49.9	43.7	44.3	45.7	47.8	41.1	41.8	43.2	45.3	38.8	39.5	40.9	43.0
		S/T	0.80	0.73	0.59	0.5	0.81	0.73	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.85	0.71	0.6

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at

EDB: 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

IDB	MBh	OUTDOOR AMBIENT TEMPERATURE												INDOOR TEMPERATURE													
		65°F						75°F						85°F						95°F						105°F	
		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	
1390	MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.4	43.2	43.9	45.3	47.4	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5		
	S/T	0.88	0.80	0.67	0.5	1.00	0.81	0.68	0.5	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.7		
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	23	20	30	28	25	21		
	kW	2.68	2.68	2.68	2.7	2.98	2.97	2.97	3.0	3.30	3.30	3.30	3.3	3.66	3.66	3.7	4.06	4.05	4.05	4.1	4.52	4.52	4.52	4.5	4.5		
	Amps	9.3	9.3	9.4	10.7	10.7	10.6	10.7	12.2	12.2	12.1	12.1	12.3	13.8	13.8	13.9	15.6	15.6	15.6	15.7	17.8	17.7	17.7	17.8	17.8		
	Hi PR	242	243	245	249.0	280	281	283	286.9	320	321	322	326.6	364	365	369.4	409	410	411	415.5	458	459	460	464.7	464.7		
80	Lo PR	120	122	125	129.7	127	129	132	136.9	134	135	138	143.2	139	141	144	148.6	144	146	149	153.8	151	152	155	160.4	160.4	
	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	40.9	41.6	43.0	45.1	38.6	39.3	40.6	42.8		
	S/T	0.90	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7		
	ΔT	29	27	23	19	29	27	23	19	29	27	24	20	29	27	23	19	29	27	23	19	30	28	24	20		
	kW	2.69	2.69	2.68	2.70	2.98	2.98	2.97	3.00	3.31	3.31	3.30	3.33	3.67	3.66	3.68	4.06	4.06	4.06	4.08	4.53	4.53	4.52	4.54	4.54		
	Amps	9.4	9.3	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.9	15.6	15.6	15.6	15.7	17.8	17.8	17.7	17.8	17.8		
1460	Hi PR	244	246	249.8	281	282	284	287.7	320	322	323	327.4	363	364	366	370.2	409	410	412	416.2	459	460	461	465.4	465.4		
	Lo PR	121	122	125	130.4	128	130	133	137.6	134	136	139	143.9	140	141	144	149.3	145	146	149	154.5	152	153	156	161.1	161.1	
	MBh	47.6	48.3	49.7	51.8	47.2	47.9	49.3	51.4	46.0	46.7	48.0	50.2	43.9	44.6	46.0	48.1	41.4	42.0	43.4	45.5	39.1	39.7	41.1	43.2		
	S/T	0.92	0.85	0.72	0.6	1.00	0.85	0.72	0.6	1.00	0.88	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.84	0.7		
	ΔT	28	26	23	19	28	26	23	19	29	27	23	19	28	26	23	19	28	26	22	18	29	27	24	20		
	kW	2.70	2.69	2.69	2.7	2.99	2.99	2.98	3.0	3.32	3.32	3.31	3.3	3.67	3.67	3.67	4.07	4.07	4.06	4.1	4.54	4.53	4.53	4.6	4.6		
1580	Amps	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	15.7	15.7	15.7	15.8	17.8	17.8	17.8	17.9	17.9		
	Hi PR	244	245	247	251.1	282	283	285	289.0	322	323	325	328.7	365	366	367	371.5	411	412	413	417.5	460	461	463	466.7	466.7	
	Lo PR	122	124	127	131.6	129	131	134	138.8	136	137	140	145.2	141	142	145	150.5	146	148	151	155.7	153	154	157	162.3	162.3	
	MBh	47.7	48.4	49.7	51.8	47.3	47.9	49.3	51.4	46.1	46.7	48.1	50.2	44.0	44.7	46.0	48.1	41.5	42.1	43.5	45.6	39.1	39.8	41.2	43.3		
	S/T	1.00	0.90	0.77	0.6	1.00	0.91	0.78	0.6	1.00	0.80	0.70	0.7	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.89	0.8			
	ΔT	33	31	28	24	33	31	28	24	34	32	28	24	33	31	28	24	33	31	27	23	34	32	29	25		
1390	kW	2.69	2.69	2.68	2.7	2.98	2.98	2.97	3.0	3.31	3.31	3.30	3.3	3.66	3.66	3.68	4.06	4.06	4.06	4.08	4.53	4.53	4.52	4.5	4.5		
	Amps	9.4	9.3	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.8	15.7	15.7	15.6	15.7	17.8	17.8	17.7	17.9	17.9		
	Hi PR	243	244	246	250.2	281	282	284	288.1	321	322	324	327.8	364	365	366	370.5	410	411	412	416.6	459	460	462	465.8	465.8	
	Lo PR	123	126	131.5	129	131	134	138.7	135	137	140	145.0	141	145	150.3	146	148	151	155.6	153	154	157	162.2	162.2			
	MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	41.7	42.4	43.7	45.9	39.4	40.0	41.4	43.5		
	S/T	1.00	0.92	0.79	0.7	1.00	0.93	0.80	0.7	1.00	0.82	0.70	0.7	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.91	0.8			
1460	ΔT	33	31	27	23	33	31	27	23	33	31	27	24	33	31	27	23	33	31	27	23	34	32	28	24		
	kW	2.69	2.69	2.69	2.71	2.99	2.99	2.98	3.00	3.32	3.32	3.31	3.31	3.67	3.67	3.68	4.07	4.07	4.06	4.08	4.53	4.53	4.53	4.55	4.55		
	Amps	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	15.7	15.7	15.6	15.7	17.8	17.8	17.8	17.9	17.9		
	Hi PR	244	245	247	250.9	282	283	285	288.8	322	323	324	328.5	364	365	367	371.3	410	412	413	417.4	460	461	462	466.6	466.6	
	Lo PR	123	124	127	132.2	130	131	134	139.4	136	138	141	145.7	142	143	146	151.0	147	148	151	156.3	153	155	158	162.8	162.8	
	MBh	48.4	49.1	50.4	52.6	48.0	48.7	50.0	52.1	46.8	47.4	48.8	50.9	44.7	45.4	46.7	48.9	42.2	42.8	44.2	46.3	39.8	40.5	41.9	44.0		
1580	S/T	1.00	0.95	0.81	0.7	1.00	0.95	0.82	0.7	1.00	0.84	0.7	0.7	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.8	0.8			
	ΔT	32	30	27	23	32	30	26	23	32	30	27	23	32	30	26	23	32	30	26	22	33	31	27	24		
	kW	2.70	2.70	2.69	2.7	3.00	2.99	2.98	3.0	3.32	3.32	3.31	3.31	3.68	3.68	3.68	4.08	4.07	4.07	4.08	4.54	4.54	4.53	4.6	4.6		
	Amps	9.4	9.4	9.4	9.5	10.8	10.8	10.7	10.8	12.3	12.3	12.2	12.3	13.9	13.9	13.9	14.0	15.7	15.7	15.7	15.8	17.8	17.8	17.8	17.9	17.9	
	Hi PR	245	246	248	252.2	283	284	286	290.1	323	324	326	329.8	366	367	368	372.6	412	413	414	418.7	461	462	464	467.9	467.9	
	Lo PR	124	125	128	133.4	131	133	136	140.6	137	139	142	146.9	143	144	147	152.3	148	149	152	157.5	155	156	159	164.1	164.1	

Amps = outdoor unit amps (comp.+fan)

SCHLESINGER - THE AUDITORY SYSTEM

DB: Entering Indoor Dry Bulb Temperature

EXPANDED COOLING DATA — GSXB406010/CA*T4961*4A***

IDB	AIRFLOW	65°F						75°F						85°F						95°F						OUTDOOR AMBIENT TEMPERATURE						105°F						115°F					
		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	59	63	67	71						
1460	MBh	56.7	57.5	59.2	-	56.2	57.0	58.7	-	54.7	55.5	57.2	-	52.2	53.0	54.7	-	49.1	49.9	51.6	-	46.3	47.1	48.8	-																		
	S/T	0.61	0.54	0.41	-	0.61	0.54	0.42	-	0.63	0.56	0.44	-	0.65	0.58	0.46	-	0.67	0.60	0.48	-	0.72	0.65	0.53	-																		
	ΔT	22	20	16	-	22	20	16	-	23	20	16	-	22	20	16	-	22	20	16	-	23	21	17	-																		
	kW	3.37	3.37	3.36	-	3.76	3.75	-	4.20	4.20	4.19	-	4.68	4.67	4.67	-	5.21	5.20	5.20	-	5.83	5.82	5.82	-																			
	Amps	12.5	12.5	12.4	-	14.3	14.3	14.2	-	16.3	16.3	16.2	-	18.5	18.4	18.4	-	20.9	20.9	20.8	-	23.7	23.7	23.7	-																		
	Hi PR	247	249	250	-	286	287	289	-	327	328	330	-	370	371	373	-	417	419	420	-	468	469	471	-																		
70	Lo PR	111	112	115	-	117	119	121	-	123	124	127	-	128	129	132	-	133	134	137	-	139	140	143	-																		
	MBh	57.9	58.7	60.3	-	57.4	58.2	59.8	-	55.9	56.7	58.4	-	53.4	54.2	55.9	-	50.3	51.1	52.8	-	47.5	48.3	50.0	-																		
	S/T	0.64	0.57	0.45	-	0.65	0.58	0.45	-	0.67	0.60	0.48	-	0.69	0.62	0.50	-	0.71	0.64	0.52	-	0.75	0.69	0.56	-																		
	ΔT	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	20	18	14	-	22	20	16	-																		
	kW	3.39	3.39	3.38	-	3.79	3.78	3.78	-	4.22	4.22	4.21	-	4.70	4.69	4.69	-	5.23	5.23	5.22	-	5.85	5.85	5.84	-																		
	Amps	12.6	12.6	12.5	-	14.4	14.4	14.3	-	16.4	16.4	16.3	-	18.6	18.5	18.5	-	21.0	21.0	20.9	-	23.8	23.8	23.8	-																		
70	Hi PR	250	251	253	-	289	290	292	-	329	330	332	-	373	374	376	-	420	421	423	-	470	471	473	-																		
	Lo PR	113	114	117	-	120	121	124	-	125	127	130	-	130	132	134	-	135	137	139	-	141	143	145	-																		
	MBh	59.3	60.1	61.8	-	58.8	59.6	61.3	-	57.4	58.2	59.8	-	54.9	55.7	57.3	-	51.8	52.6	54.2	-	49.0	49.8	51.4	-																		
	S/T	0.64	0.57	0.45	-	0.65	0.58	0.46	-	0.67	0.60	0.48	-	0.69	0.62	0.50	-	0.71	0.64	0.52	-	1.00	0.69	0.56	-																		
	ΔT	20	17	13	-	20	17	13	-	20	18	14	-	20	17	13	-	19	17	13	-	21	18	14	-																		
	kW	3.41	3.41	3.40	-	3.80	3.80	3.79	-	4.24	4.24	4.23	-	4.72	4.71	4.71	-	5.25	5.24	5.24	-	5.87	5.87	5.86	-																		
1930	Amps	12.7	12.6	12.6	-	14.5	14.4	14.4	-	16.5	16.5	16.4	-	18.6	18.6	18.6	-	21.1	21.1	21.0	-	23.9	23.9	23.9	-																		
	Hi PR	253	254	256	-	292	293	294	-	332	333	335	-	376	377	379	-	423	424	426	-	473	474	476	-																		
	Lo PR	116	117	120	-	122	124	126	-	128	130	132	-	133	134	137	-	138	139	142	-	144	145	148	-																		
	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.8	55.6	57.2	59.8	52.2	53.0	54.7	57.3	49.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4																		
	S/T	0.72	0.65	0.53	0.4	0.73	0.66	0.54	0.4	0.75	0.68	0.56	0.4	0.77	0.70	0.58	0.4	0.79	0.72	0.60	0.5	1.00	0.77	0.64	0.5																		
	ΔT	27	25	21	17	27	25	21	17	27	25	21	17	27	25	21	17	27	25	20	16	28	26	22	18																		
1460	MBh	57.9	58.7	60.4	62.9	57.4	58.2	59.9	62.4	56.0	57.8	58.4	61.0	53.4	54.2	55.9	58.5	57.3	54.7	53.0	54.7	52.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4														
	S/T	0.76	0.69	0.57	0.4	0.76	0.70	0.57	0.4	0.79	0.72	0.59	0.4	0.80	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.80	0.68	0.5																		
	ΔT	26	23	19	15	26	23	19	15	26	24	20	15	26	23	19	15	25	23	19	15	27	24	20	16																		
	kW	3.41	3.41	3.40	3.4	3.80	3.79	3.78	3.77	3.80	3.78	3.77	3.76	4.22	4.21	4.21	4.24	4.70	4.69	4.69	4.72	5.23	5.22	5.25	5.25																		
	Amps	12.7	12.6	12.6	12.7	14.2	14.3	14.4	14.3	16.4	16.3	16.3	16.5	18.5	18.5	18.5	18.6	21.0	21.0	20.9	21.1	23.8	23.8	23.9	23.9																		
	Hi PR	253	251	253	257.4	289	290	292	296.1	330	331	332	336.7	373	374	376	380.3	420	421	423	427.4	471	472	473	477.7																		
75	Lo PR	113	114	117	121.8	120	121	124	128.4	125	127	130	134.2	130	132	135	139.2	135	137	139	144.0	141	143	145	147.6																		
	MBh	59.4	60.2	61.8	64.4	58.9	59.7	61.3	63.9	57.4	58.2	59.9	62.4	54.9	55.7	57.4	59.9	51.8	52.6	54.3	56.8	49.0	49.8	51.5	54.0																		
	S/T	0.76	0.69	0.57	0.4	0.77	0.70	0.57	0.4	0.79	0.72	0.60	0.5	0.81	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.80	0.68	0.5																		
	ΔT	24	22	18	14	24	22	18	14	25	23	18	14	24	22	18	14	24	22	18	14	25	23	19	15																		
	kW	3.41	3.41	3.40	3.4	3.80	3.79	3.78	3.77	3.80	3.78	3.77	3.76	4.22	4.21	4.21	4.24	4.71	4.71	4.70	4.72	5.24	5.23	5.3	5.3																		
	Amps	12.7	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.5	16.4	16.4	16.5	18.6	18.6	18.6	18.7	21.1	21.0	21.0	21.1	23.9	23.9	24.0	24.0																		
75	Hi PR	253	254	256	260.1	292	293	298.8	332	333	335	339.3	376	377	379	383.0	423</td																										

		OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F						75°F						85°F						95°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1460	MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.5	49.1	51.7
	S/T	0.84	0.77	0.64	0.5	0.84	0.77	0.65	0.5	1.00	0.80	0.67	0.5	1.00	0.81	0.69	0.6	1.00	0.83	0.71	0.6	1.00	0.88	0.76	0.6
	ΔT	32	30	26	21	32	30	26	21	32	30	26	22	32	30	26	21	32	29	21	33	31	27	22	22
	kW	3.37	3.37	3.36	3.4	3.76	3.76	3.75	3.8	4.20	4.19	4.2	4.68	4.67	4.67	4.7	5.21	5.20	5.20	5.2	5.83	5.82	5.82	5.8	5.8
	Amps	12.5	12.5	12.4	12.6	14.3	14.3	14.2	14.4	16.3	16.3	16.2	16.4	18.5	18.4	18.4	18.5	20.9	20.8	21.0	23.7	23.7	23.7	23.8	23.8
	Hi PR	248	249	251	255.2	287	288	290	293.9	327	328	330	334.5	371	372	374	378.1	418	419	421	425.2	468	469	471	475.5
1700	MBh	58.2	59.0	60.7	63.2	57.7	58.5	60.2	62.7	56.2	57.0	58.7	61.3	53.7	54.5	56.2	58.7	50.7	51.5	53.1	55.7	47.9	48.6	50.3	52.9
	S/T	0.87	0.80	0.68	0.6	0.88	0.81	0.69	0.6	1.00	0.83	0.71	0.6	1.00	0.85	0.73	0.6	1.00	0.87	0.75	0.6	1.00	0.92	0.79	0.7
	ΔT	30	28	24	20	30	28	24	20	31	29	24	20	30	28	24	20	30	28	24	20	31	29	25	21
	kW	3.39	3.39	3.38	3.41	3.78	3.78	3.77	3.80	4.22	4.22	4.21	4.24	4.70	4.69	4.69	4.72	5.23	5.22	5.22	5.25	5.85	5.85	5.84	5.87
	Amps	12.6	12.6	12.5	12.7	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.5	18.6	18.5	18.5	18.6	21.0	20.9	21.1	23.8	23.8	23.8	23.9	23.9
	Hi PR	251	252	254	257.8	289	291	292	296.6	330	331	333	337.1	374	375	377	380.8	421	422	424	427.9	471	472	474	478.1
80	Lo PR	114	115	118	122.3	120	121	124	128.9	126	127	130	134.7	131	132	135	139.6	136	137	140	144.5	142	143	146	150.5
	MBh	59.7	60.4	62.1	64.7	59.2	59.9	61.6	64.2	57.7	58.5	60.2	62.7	55.2	56.0	57.6	60.2	52.1	52.9	54.6	57.1	49.3	50.1	51.8	54.3
	S/T	0.87	0.81	0.68	0.6	1.00	0.81	0.69	0.6	1.00	0.83	0.71	0.6	1.00	0.85	0.73	0.6	1.00	0.87	0.75	0.6	1.00	0.90	0.7	0.7
	ΔT	29	27	23	19	29	27	23	19	30	27	23	19	29	27	23	19	29	27	23	18	30	28	24	20
	kW	3.41	3.41	3.40	3.4	3.80	3.80	3.79	3.8	4.24	4.24	4.23	4.3	4.72	4.71	4.71	4.7	5.25	5.24	5.24	5.3	5.87	5.86	5.86	5.9
	Amps	12.7	12.6	12.6	12.8	14.5	14.4	14.4	14.6	16.5	16.5	16.4	16.6	18.6	18.6	18.6	18.7	21.1	21.0	21.2	23.9	23.9	23.9	24.0	24.0
1930	Hi PR	253	255	256	260.5	292	293	295	299.2	333	334	336	339.8	376	377	379	383.5	423	425	426	430.6	474	475	477	480.8
	Lo PR	116	118	120	125.0	123	124	127	131.6	129	130	133	137.4	134	135	138	142.3	138	140	143	147.2	144	146	149	153.2
	MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6
	S/T	1.00	0.86	0.74	0.6	1.00	0.87	0.74	0.6	1.00	0.89	0.76	0.6	1.00	0.91	0.78	0.7	1.00	0.80	0.7	1.00	1.00	0.85	0.7	0.7
	ΔT	36	34	30	26	36	34	30	26	36	34	30	26	36	34	30	26	36	34	30	25	37	35	31	27
	kW	3.38	3.37	3.37	3.4	3.77	3.77	3.76	3.8	4.21	4.21	4.20	4.2	4.68	4.68	4.67	4.7	5.21	5.21	5.20	5.2	5.84	5.83	5.83	5.9
1460	Amps	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.4	16.3	16.3	16.3	16.4	18.5	18.5	18.4	18.6	20.9	20.9	21.0	23.8	23.8	23.8	23.9	23.9
	Hi PR	249	250	252	256.3	288	289	291	295.0	329	330	331	335.6	372	373	375	379.3	419	420	422	426.4	470	471	472	476.6
	Lo PR	113	114	117	121.5	119	121	124	128.2	125	127	129	134.0	130	131	134	138.9	135	136	139	143.7	141	142	145	149.7
1700	MBh	59.2	59.9	61.6	64.2	58.7	59.4	61.1	63.7	57.2	58.0	59.7	62.2	54.7	55.5	57.1	59.7	51.6	52.4	54.1	56.6	48.8	49.6	51.3	53.8
	S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.78	0.6	1.00	0.92	0.80	0.7	1.00	0.94	0.82	0.7	1.00	0.84	0.7	1.00	1.00	0.89	0.8	0.8
	ΔT	35	33	29	24	35	33	28	24	35	33	29	25	35	32	28	24	34	32	28	24	36	34	29	25
	kW	3.40	3.39	3.39	3.42	3.79	3.79	3.78	3.81	4.23	4.23	4.22	4.25	4.71	4.70	4.70	4.73	5.24	5.23	5.23	5.26	5.86	5.85	5.85	5.88
	Amps	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.6	18.6	18.5	18.7	21.0	21.0	21.1	23.9	23.9	23.9	24.0	24.0
	Hi PR	252	253	255	259.0	291	292	293	297.7	331	332	334	338.3	375	376	378	381.9	422	423	425	429.0	472	473	475	479.3
85	Lo PR	115	116	119	123.9	122	123	126	130.5	128	129	132	136.4	133	134	137	141.3	137	139	141	146.1	143	145	147	152.1
	MBh	60.6	61.4	63.1	65.6	60.1	60.9	62.6	65.1	58.6	59.4	61.1	63.7	56.1	56.9	58.6	61.1	53.1	53.8	55.5	58.1	50.2	51.0	52.7	55.3
	S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.78	0.7	1.00	0.93	0.80	0.7	1.00	0.92	0.82	0.7	1.00	0.84	0.7	1.00	1.00	0.89	0.8	0.8
	ΔT	34	31	27	23	34	31	27	23	34	32	28	23	33	31	27	23	33	31	27	23	35	32	28	24
	kW	3.42	3.41	3.41	3.4	3.81	3.81	3.80	3.8	4.25	4.24	4.23	4.2	4.72	4.71	4.71	4.73	5.25	5.24	5.24	5.3	5.88	5.87	5.87	5.9
	Amps	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.7	18.7	18.6	18.8	21.1	21.1	21.2	23.9	23.9	23.9	24.0	24.0
1930	Hi PR	255	256	257	261.7	293	294	296	300.4	334	335	337	341.0	378	379	380	384.6	425	426	427	431.7	475	476	478	482.0
	Lo PR	118	119	122	126.6	124	126	129	133.3	130	132	134	139.1	135	137	139	144.0	140	141	144	148.8	146	147	150	154.8
	MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6
	S/T	1.00	0.86	0.74	0.6	1.00	0.87	0.74	0.6	1.00	0.89	0.76	0.6	1.00	0.91	0.78	0.7	1.00	0.80	0.7	1.00	1.00	0.85	0.7	0.7
	ΔT	36	34	30	26	36	34	30	26	36	34	30	26	36	34	30	26</td								

PERFORMANCE DATA

GSXB401810**/CA*TA1818*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 600 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	18,860	13,270	5,590	1,230
80	18,630	13,330	5,300	1,300
85	18,390	13,380	5,010	1,360
90	18,000	13,260	4,740	1,430
95	17,600	13,130	4,470	1,500
100	17,120	12,940	4,180	1,580
105	16,630	12,750	3,880	1,660
110	16,190	12,800	3,390	1,760
115	15,740	12,840	2,900	1,850
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	16,980	12,830	4,150	1,500

GSXB402410**/CA*TA2422*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 795 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	25,300	17,150	8,150	1,580
80	25,000	17,250	7,750	1,670
85	24,700	17,300	7,400	1,750
90	24,150	17,150	7,000	1,840
95	23,600	17,000	6,600	1,930
100	22,950	16,750	6,200	2,030
105	22,300	16,500	5,800	2,130
110	21,700	16,600	5,100	2,250
115	21,100	16,650	4,450	2,370
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,750	16,600	6,150	1,930

GSXB403010**/CA*TA3022*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,450	21,200	9,250	1,870
80	30,100	21,300	8,800	1,970
85	29,700	21,400	8,300	2,070
90	29,050	21,200	7,850	2,180
95	28,400	21,000	7,400	2,280
100	27,600	20,750	6,850	2,400
105	26,800	20,450	6,350	2,510
110	26,100	20,550	5,550	2,650
115	25,350	20,600	4,750	2,790
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,400	20,550	6,850	2,280

GSXB403610**/CA*TA3626*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 1145 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	36,650	25,900	10,750	2,280
80	36,200	26,050	10,150	2,410
85	35,750	26,150	9,600	2,530
90	35,000	25,900	9,100	2,660
95	34,200	25,650	8,550	2,790
100	33,250	25,300	7,950	2,940
105	32,300	24,950	7,350	3,090
110	31,450	25,050	6,400	3,270
115	30,550	25,150	5,400	3,450
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,000	25,050	7,950	2,800

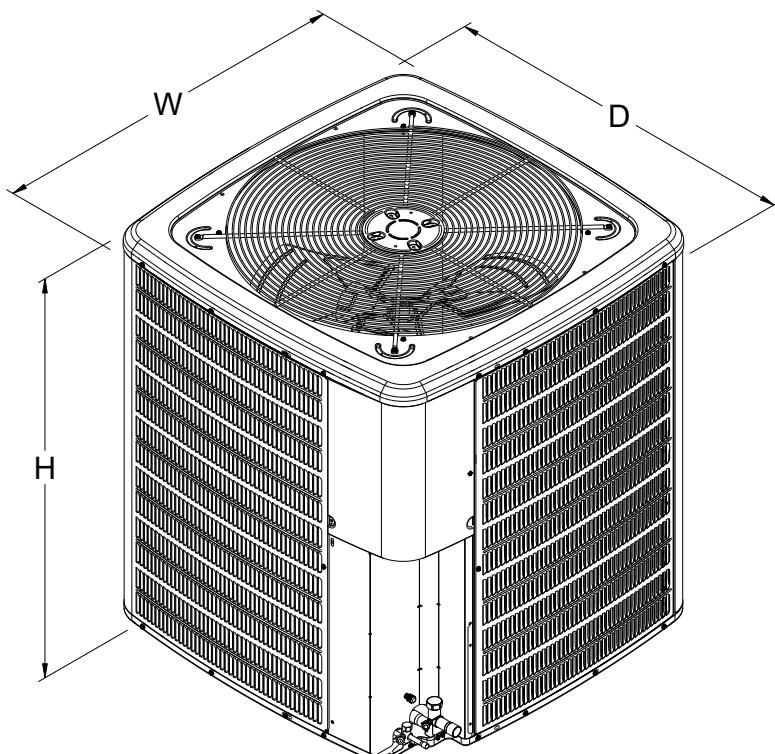
GSXB404210**/CA*TA4230*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	42,900	31,100	11,800	2,640
80	42,400	31,250	11,150	2,780
85	41,850	31,400	10,450	2,920
90	40,950	31,100	9,850	3,070
95	40,000	30,800	9,200	3,220
100	38,900	30,400	8,500	3,390
105	37,750	29,950	7,800	3,560
110	36,750	30,100	6,650	3,760
115	35,750	30,200	5,550	3,960
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	38,550	30,100	8,450	3,230

GSXB404810**/CA*T4961*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 1450 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	48,750	33,850	14,900	2,970
80	48,150	34,000	14,150	3,140
85	47,550	34,150	13,400	3,300
90	46,500	33,850	12,650	3,480
95	45,450	33,550	11,900	3,660
100	44,200	33,100	11,100	3,860
105	42,900	32,600	10,300	4,050
110	41,750	32,750	9,000	4,290
115	40,600	32,850	7,750	4,520
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	43,850	32,800	11,050	3,660

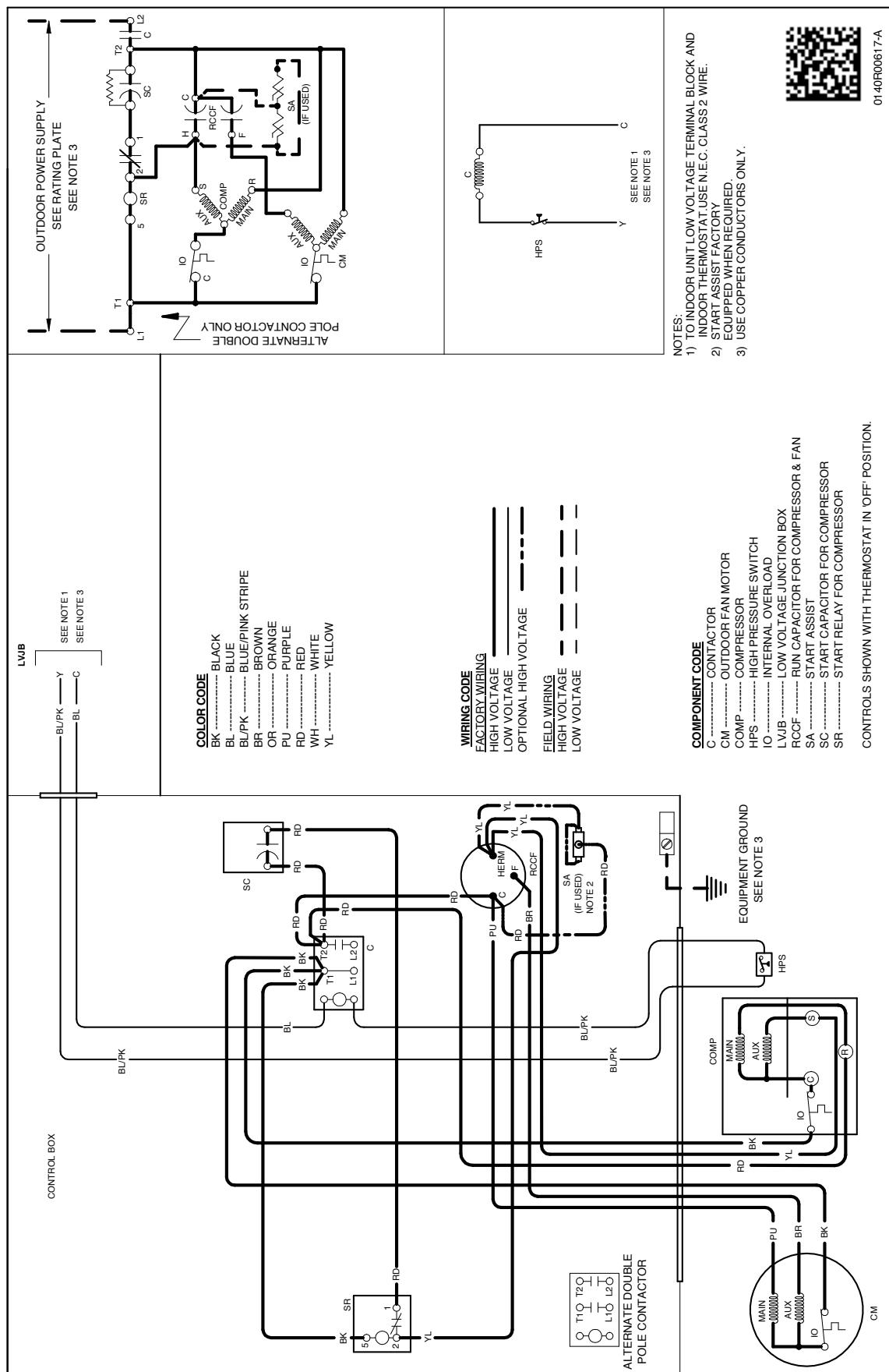
GSXB406010**/CA*T4961*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWBT @ 1700 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	60,150	41,250	18,900	3,770
80	59,450	41,450	18,000	3,990
85	58,700	41,600	17,100	4,210
90	57,450	41,200	16,250	4,450
95	56,200	40,800	15,400	4,690
100	54,650	40,250	14,400	4,960
105	53,100	39,650	13,450	5,220
110	51,700	39,800	11,900	5,530
115	50,300	39,900	10,400	5,840
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	54,250	39,900	14,350	4,690

MODEL	DIMENSIONS		
	W"	D"	H"
GSXB401810A*	26	26	32½
GSXB402410A*	29	29	32
GSXB403010A*	35½	35½	39½
GSXB403610A*	35½	35½	39½
GSXB404210A*	35½	35½	36½
GSXB404810A*	35½	35½	36½
GSXB406010A*	35½	35½	41¾

*Note: All the Dimensions (W, D, H) are for reference only.

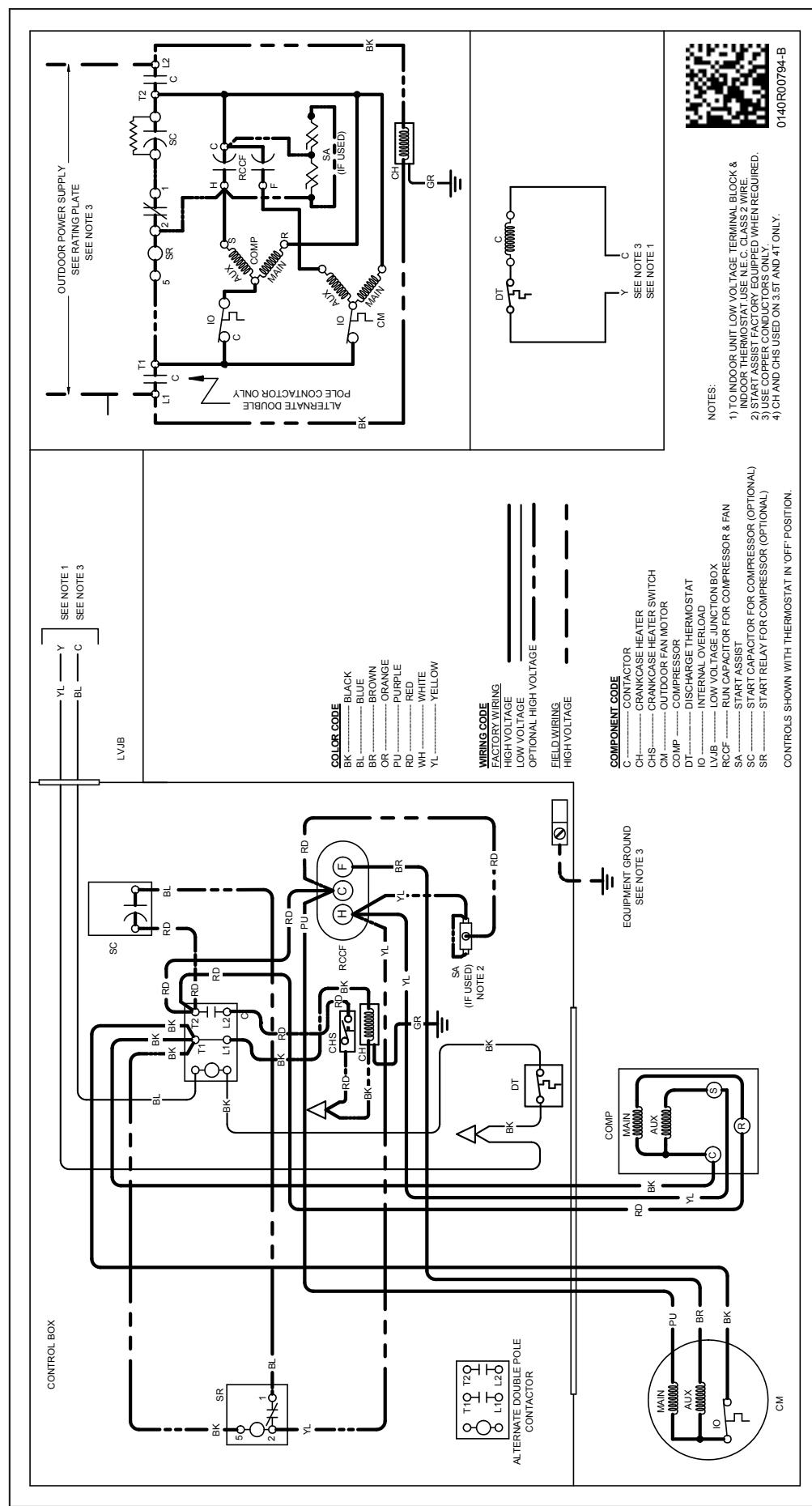


WIRING DIAGRAM — GSXB401810**



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.

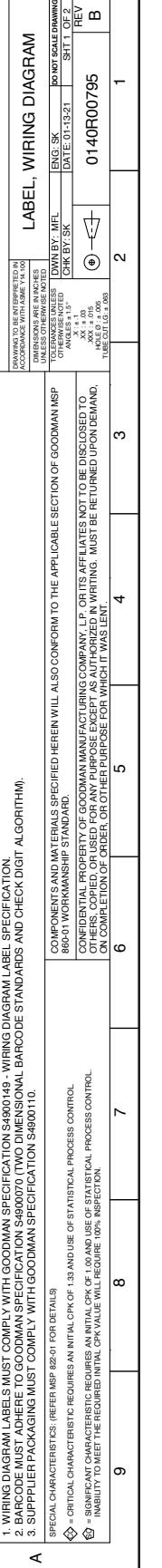
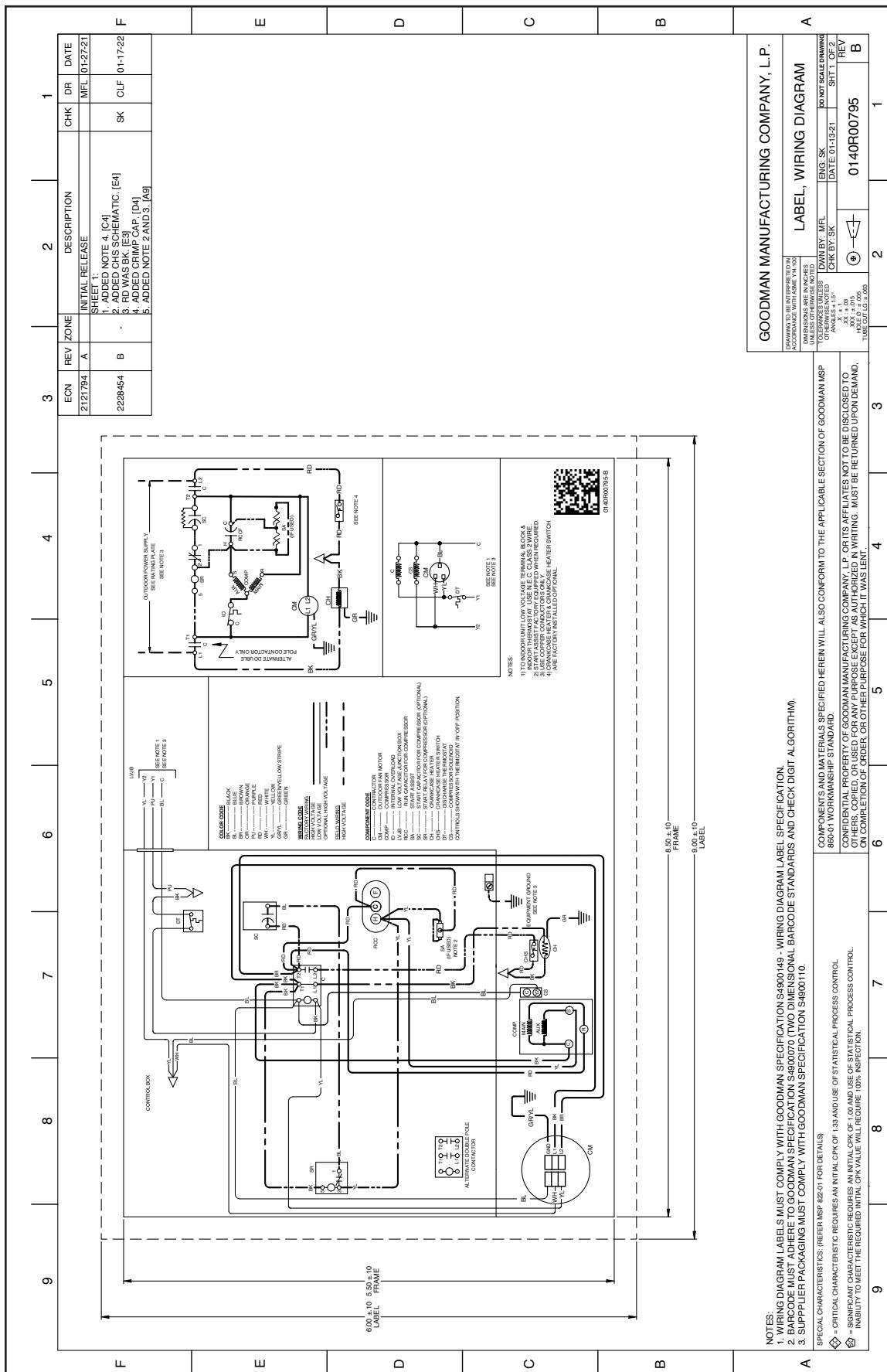
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



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.

WIRING DIAGRAM — GSXB406010**



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.

MODEL	DESCRIPTION	GSXB4 01810A*	GSXB4 02410A*	GSXB4 03010A*	GSXB4 03610A*	GSXB4 04210A*	GSXB4 04810A*	GSXB4 06010A*
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^							
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 ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LSK02A ²	Liquid Line Solenoid Kit	X	X	X	X	X	X	X
LAKT01	Low-Ambient Kit	X	X	X	X	X	X	
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X
TXV-FX-KX-2T ²	TXV Kit	X	X					
TXV-FX-KX-3T ²	TXV Kit			X	X			
TXV-FX-KX-5T ²	TXV Kit					X	X	X

[^] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Condensing units and heat pumps with reciprocating or rotary 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.

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

NOTES

Our continuing commitment to quality products may mean a change in specifications without notice.

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