

**UP TO 17.2 SEER2
1½ TO 5 TONS**

**GOODMAN SD (SIDE DISCHARGE)
HIGH-EFFICIENCY,
COMMUNICATING, VARIABLE-SPEED,
INVERTER DRIVEN
SPLIT SYSTEM AIR CONDITIONER**

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Standard Features

- Variable-speed swing compressors
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Goodman connected thermostat and other Goodman communicating equipment
- Proprietary control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Proprietary Inside intelligence for diagnostics
- Quiet-mode- provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45 dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- High corrosion-resistant (ZAM®), unpainted steel bottom frame and legs
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

**LIFETIME
COMPRESSOR
LIMITED WARRANTY***

**10
YEAR
PARTS
LIMITED
WARRANTY***

**10
YEAR
COMPRESSOR
LIMITED
WARRANTY***

**10
YEAR
UNIT
REPLACEMENT
LIMITED
WARRANTY***

**ETL
US
Intertek**

**AHRI CERTIFIED
by the American
Hvac-R Research Institute**

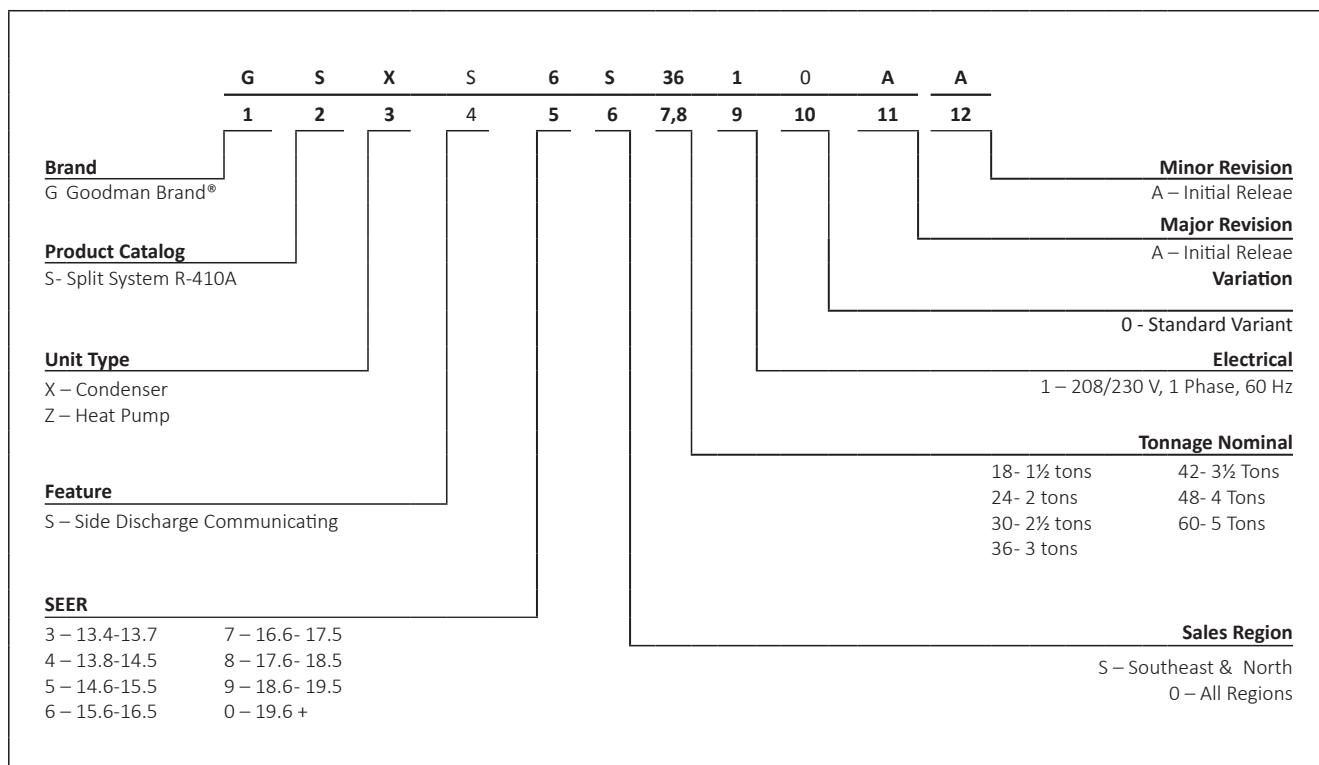
**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =**

**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 Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Limited Warranty and 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 coverage in Texas and Florida differs in some cases.

NOMENCLATURE



	GSXS6 S1810A*	GSXS6 S2410A*	GSXS6 S3010A*	GSXS6 S3610A*	GSXS6 S4210A*	GSXS6 S4810A*	GSXS6 S6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
AMBIENT OPERATION RANGE				0 to 115 (-17.8 to 46.1)			
Cooling (°FDB(°CDB))							
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
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"	7/8"	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.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	76	76	79	85	111	111	131
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	15±1°F	8±1°F	9±1°F	9±1°F
ELECTRICAL DATA							
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9	34.4	34.4	36.2
Max. Overcurrent Protection ³	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	119	119	129	133	163	163	174
SHIP WEIGHT (LBS)	133	133	143	148	183	183	196

¹ Tested and rated in accordance with ANSI/AHRI Standard 210/240² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes³ 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.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
(See table below for allowable line set diameter)

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4	5/16	3/8	5/8	3/4	7/8	1 1/8
1.5	X	X	X	X*	X		
2.0		X	X	X*	X		
2.5		X	X		X*	X	
3.0		X	X		X*	X	
3.5			X			X	X
4.0			X			X	X
5.0			X			X	X

* Allowable combination

* For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	GSXS6*361*A*	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
OUTDOOR UNIT	GSXS6*601*A*	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.

PRODUCT SPECIFICATIONS

	GSXS6 01810A*	GSXS6 02410A*	GSXS6 03010A*	GSXS6 03610A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)	16,600	22,200	27,800	32,400
AMBIENT OPERATION RANGE	0 to 115 (-17.8 to 46.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8
CONDENSER FAN MOTOR				
Horsepower	0.09	0.09	0.20	0.20
FLA	1.15	1.15	2.00	2.00
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Line Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Valve Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing
Refrigerant Charge (oz.)	76	76	79	85
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	13±1°F
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9
Max. Overcurrent Protection ³	15	20	25	25
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
EQUIPMENT WEIGHT (LBS)	119	119	129	133
SHIP WEIGHT (LBS)	133	133	143	148

¹ Tested and rated in accordance with ANSI/AHRI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ 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.
- Installer will need to supply $\frac{3}{8}$ " to 1 $\frac{1}{2}$ " adapters for suction line connections.
- Unit is charged with refrigerant for 15' of $\frac{3}{8}$ " liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED COOLING DATA — GSXS6S1810A* / AHVE24BP1400A*

		OUTDOOR AMBIENT TEMPERATURE												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	
520	MBh	15.9	16.6	17.6	-	16.7	16.9	17.4	-	16.3	16.5	17.0	-	15.5	15.7	16.2	-	14.6	14.8	15.3	-	
	S/T	0.62	0.54	0.40	-	0.62	0.54	0.40	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	
	ΔT	21	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	
	kW	1.04	1.07	1.07	-	1.20	1.20	1.20	-	1.36	1.35	1.35	-	1.52	1.52	1.51	-	1.70	1.70	1.70	-	
	Amps	3.6	3.8	3.9	-	4.5	4.5	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	
	Hi PR	243	245	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	412	-	
70	Lo PR	125	126	131	-	133	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	
	MBh	16.6	17.3	17.9	-	17.0	17.2	17.7	-	16.5	16.8	17.3	-	15.8	16.0	16.5	-	14.8	15.1	15.6	-	
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	
	kW	1.08	1.08	1.07	-	1.21	1.21	1.21	-	1.36	1.36	1.36	-	1.53	1.53	1.52	-	1.71	1.71	1.70	-	
	Amps	3.8	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.1	5.1	-	5.9	5.9	5.8	-	6.6	6.6	6.6	-	
610	Hi PR	246	245	247	-	282	283	285	-	322	324	325	-	366	367	368	-	412	413	415	-	
	Lo PR	127	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	
	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	15	12	-	
	kW	1.09	1.08	1.08	-	1.22	1.22	1.22	-	1.37	1.37	1.37	-	1.53	1.53	1.53	-	1.72	1.71	1.71	-	
700	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.7	6.7	6.7	-	
	Hi PR	247	248	249	-	285	286	288	-	325	326	328	-	368	369	371	-	414	415	417	-	
	Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	
	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	15	12	-	
75	MBh	16.6	17.4	17.9	18.6	16.7	16.9	17.5	18.2	16.3	16.5	17.0	17.8	15.5	15.8	16.3	17.0	14.6	14.8	15.3	17.0	
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	
	ΔT	25	23	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	20	17	14	
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.36	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	
	Hi PR	243	245	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	411	413	417	
610	Lo PR	125	126	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	162	
	MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	16.5	16.8	17.3	18.0	15.8	16.0	16.5	17.3	14.8	15.1	15.6	16.4	
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	
	ΔT	23	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	
	kW	1.08	1.08	1.07	1.08	1.08	1.08	1.08	1.08	1.21	1.21	1.21	1.21	1.36	1.36	1.37	1.53	1.53	1.53	1.71	1.71	
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.9	5.9	5.9	6.6	6.6	
75	Hi PR	246	245	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	462
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	
	kW	1.08	1.08	1.08	1.09	1.09	1.09	1.09	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.38	1.53	1.53	1.53	1.71	1.71	
700	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	
	Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	464
	Lo PR	130	132	135	141	138	140	143	148	145	146	150	155	151	152	155	156	158	161	166	163	
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions.

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

EXPANDED COOLING DATA — GSXS6S1810A* / AHVE24BP1400A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												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	59	63	67	71						
520	MBh	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3						
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64						
	ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18						
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.21	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.52	1.70	1.70	1.71	1.71	1.91	1.91	1.91	1.92						
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6						
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467						
610	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169						
	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6						
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72						
	ΔT	28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17						
	kW	1.08	1.08	1.07	1.09	1.21	1.21	1.21	1.22	1.36	1.36	1.37	1.37	1.53	1.53	1.52	1.53	1.71	1.71	1.72	1.72	1.92	1.92	1.93	1.93						
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6						
700	Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469						
	Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171						
	MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9						
	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76						
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16						
	kW	1.09	1.08	1.08	1.09	1.22	1.22	1.23	1.23	1.37	1.37	1.38	1.38	1.53	1.53	1.53	1.54	1.72	1.71	1.71	1.72	1.93	1.93	1.94	1.94						
700	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6						
	Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472						
	Lo PR	131	133	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	161	167	164	165	168	174						
	MBh	16.3	16.9	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.2	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.3	14.9	15.6						
	S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.75						
	ΔT	33	31	24	20	28	27	24	20	28	27	24	21	28	27	24	20	28	26	23	20	29	27	24	21						
520	kW	1.04	1.07	1.07	1.08	1.21	1.21	1.21	1.21	1.36	1.36	1.35	1.36	1.52	1.52	1.52	1.53	1.70	1.70	1.71	1.71	1.92	1.91	1.92	1.92						
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6						
	Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468						
	Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171						
	MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9						
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.90	0.77	1.00	1.00	1.00	0.82						
610	ΔT	31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20						
	kW	1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.21	1.37	1.37	1.36	1.37	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.92	1.92	1.93	1.93						
	Amps	3.8	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6						
	Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470						
	Lo PR	129	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173						
	MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2						
700	S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	0.81	0.81	1.00	1.00	1.00	0.86						
	ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19						
	kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.38	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.72	1.93	1.93	1.94	1.94						
	Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6						
	Hi PR	248	249	251	255	287	288	289	294	327	328	329	334	370	371	372	377	416	417	419	423	466	467	469	473						
	Lo PR	133	134	138	143	141	142	145	151	147	149	152	157	153	155	158	163	159	160	163	169	166	167	170	176						

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded areas is AHRI conditions.

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

EXPANDED COOLING DATA — GSXS6S2410A* / AHVE24BP1400A*

		OUTDOOR AMBIENT TEMPERATURE												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
680	MBh	21.2	22.3	23.5	-	22.3	22.6	23.3	-	21.7	22.1	22.7	-	20.7	21.0	21.7	-	19.5	19.8	20.5	-
	S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-
	ΔT	20	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.44	1.50	1.53	-	1.73	1.73	1.73	-	1.95	1.95	1.95	-	2.19	2.19	2.19	-	2.46	2.46	2.45	-
	Amps	5.1	5.3	5.5	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-
	Hi PR	256	259	264	-	302	303	305	-	346	348	-	-	391	393	394	-	442	443	445	-
70	Lo PR	121	122	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	152	-
	MBh	22.3	23.2	23.9	-	22.7	23.0	23.7	-	22.1	22.4	23.1	-	21.1	21.4	22.1	-	19.8	20.2	20.8	-
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-
	kW	1.52	1.55	1.54	-	1.74	1.74	1.74	-	1.96	1.96	1.96	-	2.20	2.20	2.20	-	2.47	2.47	2.46	-
	Amps	5.4	5.6	5.6	-	6.4	6.4	6.4	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.6	9.6	9.6	-
800	Hi PR	261	264	266	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-
	Lo PR	123	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-
	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.5	21.8	22.5	-	20.3	20.6	21.3	-
	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-
	kW	1.56	1.56	1.55	-	1.76	1.75	1.75	-	1.98	1.97	1.97	-	2.21	2.21	2.21	-	2.48	2.48	2.47	-
920	Amps	5.6	5.6	5.6	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.6	9.6	9.6	-
	Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-
	Lo PR	127	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	156	-
	MBh	22.3	23.2	23.5	-	22.3	22.7	23.3	-	21.8	22.1	22.7	-	20.7	21.1	21.7	-	19.5	20.2	20.8	-
	S/T	0.75	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45
	ΔT	24	23	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13
680	MBh	21.3	22.3	23.5	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	19.5	19.8	20.5	21.5
	S/T	0.75	0.66	0.52	0.37	0.75	0.67	0.53	0.40	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45
	ΔT	24	23	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13
	kW	1.44	1.50	1.53	1.54	1.73	1.73	1.73	1.74	1.95	1.95	1.95	1.96	2.19	2.18	2.18	2.20	2.46	2.45	2.45	2.47
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6
	Hi PR	257	260	264	268	302	303	305	310	345	346	348	353	392	393	395	399	442	443	445	449
70	Lo PR	121	122	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	152	157
	MBh	22.3	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.4	22.1	22.8	23.1	23.3	23.8	24.4
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53
	ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12
	kW	1.52	1.54	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.96	1.97	2.20	2.20	2.20	2.21	2.47	2.47	2.46	2.48
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6
800	Hi PR	261	265	267	271	305	306	308	312	348	349	351	355	391	396	397	402	445	446	447	452
	Lo PR	123	126	129	134	132	133	136	142	138	140	143	148	144	145	148	154	149	151	154	157
	MBh	23.3	23.7	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.9	23.5	24.6	21.5	21.8	22.5	23.5	20.3	20.6	21.3	22.3
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11
	kW	1.56	1.56	1.56	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49
920	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7
	Hi PR	266	267	269	274	307	308	310	315	351	352	353	358	397	398	400	405	447	448	450	455
	Lo PR	127	128	131	137	134	136	139	144	141	142	145	150	146	148	151	156	153	156	158	163
	MBh	22.3	23.2	23.5	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	19.5	19.8	20.5	21.5
	S/T	0.88	0.79	0.65	0.50	0.88	0.79	0.65	0.50	1.00	0.83	0.68	0.53	1.00	0.85	0.71	0.57	1.00	0.87	0.73	0.58
	ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	21	19	16	13

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions.

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

EXPANDED COOLING DATA — GSXS6S2410A* / AHVE24BP1400A* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F						105°F								
		65°F						75°F						85°F						ENTERING INDOOR WET BULB TEMPERATURE			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	63	67
680	MBh	21.4	22.4	23.7	24.7	22.5	22.8	23.5	24.5	21.9	22.2	22.9	23.9	20.9	21.2	21.8	22.9	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5			
	S/T	0.88	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63			
	ΔT	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18			
	kW	1.44	1.50	1.53	1.55	1.73	1.73	1.74	1.74	1.95	1.95	1.96	2.19	2.19	2.19	2.20	2.45	2.45	2.45	2.47	2.77	2.77	2.76	2.78				
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9			
	Hi PR	257	260	264	269	303	304	306	310	346	347	353	393	395	395	400	442	443	445	450	496	497	499	503	503			
800	Lo PR	122	123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164			
	MBh	22.4	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0	22.0	18.8	19.2	19.8	20.9			
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71			
	ΔT	27	22	19	16	24	22	19	16	24	22	19	24	22	22	2.20	2.21	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79		
	kW	1.52	1.55	1.54	1.56	1.74	1.74	1.75	1.75	1.96	1.96	1.97	2.20	2.20	2.20	2.20	2.21	2.21	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79		
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.6	10.9	11.0		
920	Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448	453	498	500	501	506			
	Lo PR	123	126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154	160	156	158	161	166			
	MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3			
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75			
	ΔT	23	21	18	15	23	21	18	15	23	21	18	21	21	21	2.22	2.22	2.21	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80		
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.76	1.76	1.97	1.97	1.99	2.21	2.21	2.21	2.21	2.22	2.22	2.47	2.47	2.46	2.48	2.78	2.78	2.78	2.79		
920	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.6	11.0	11.0	11.0	11.0		
	Hi PR	267	268	270	274	308	311	315	351	352	351	351	359	397	399	400	405	448	449	451	455	497	500	504	509			
	Lo PR	127	129	132	137	135	136	139	144	141	143	149	147	146	151	151	157	152	154	157	162	159	160	164	169			
680	MBh	21.7	22.8	24.0	25.1	22.8	23.2	23.8	24.9	22.3	22.6	23.2	24.3	21.2	21.6	22.2	23.3	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9			
	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	1.00			
	ΔT	32	30	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21			
	kW	1.44	1.51	1.53	1.55	1.74	1.73	1.75	1.75	1.95	1.95	1.97	2.19	2.19	2.19	2.19	2.20	2.20	2.46	2.46	2.46	2.47	2.77	2.77	2.77	2.78		
	Amps	5.1	5.4	5.5	5.6	6.4	6.4	6.4	6.4	7.4	7.3	7.3	8.4	8.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9		
	Hi PR	258	261	266	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	500	505			
85	Lo PR	124	125	129	134	132	133	137	142	138	140	143	148	144	145	145	149	149	151	154	155	156	158	161	166			
	MBh	22.8	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2			
	S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	1.00			
	ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	22	25	22	19	27	26	23	23				
	kW	1.52	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.98	2.21	2.21	2.21	2.21	2.22	2.22	2.47	2.47	2.47	2.48	2.78	2.78	2.78	2.79		
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.4	8.4	9.6	9.6	9.6	9.6	11.0	11.0	11.0	11.0		
920	Hi PR	263	266	268	273	306	308	314	319	351	353	355	357	396	397	399	404	446	447	449	454	500	501	503	507			
	Lo PR	125	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168			
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.4	24.0	25.1	22.0	22.3	23.0	24.0	20.8	21.1	21.8	22.8	19.7	20.0	20.6	21.7			
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.80	0.70	1.00	1.00	0.85	0.85			
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19			
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.77	1.77	1.98	1.98	1.99	2.22	2.22	2.21	2.21	2.23	2.23	2.48	2.48	2.48	2.49	2.79	2.79	2.79	2.81		
920	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0		
	Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510			
	Lo PR	129	131	134	139	136	138	141	146	143	145	148	153	14														

EXPANDED COOLING DATA — GSXS6S3010A* / AHVE36CP1400A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										ENTERING INDOOR WET BULB TEMPERATURE						105°F						115°F					
		65°F					75°F					85°F					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
860	MBh	25.8	27.5	29.5	-	28.0	28.4	29.2	-	27.2	27.6	28.5	-	26.0	26.4	27.2	-	24.4	24.8	25.6	-	23.0	23.4	24.2	-				
	S/T	0.61	0.54	0.38	-	0.61	0.53	0.39	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-				
	ΔT	20	18	13	-	17	16	13	-	18	16	13	-	17	16	13	-	17	16	13	-	18	17	14	-				
	kW	1.71	1.87	1.97	-	2.22	2.22	2.22	-	2.50	2.50	2.49	-	2.80	2.80	2.79	-	3.13	3.13	3.13	-	3.53	3.53	3.52	-				
	Amps	6.1	6.6	7.0	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-	13.8	13.8	13.8	-				
	Hi PR	265	269	274	-	314	315	317	-	358	360	362	-	407	408	410	-	459	460	462	-	514	516	517	-				
1010	MBh	27.5	29.1	29.9	-	28.4	28.8	29.6	-	27.7	28.1	28.9	-	26.4	26.8	27.6	-	24.8	25.2	26.1	-	23.4	23.8	24.7	-				
	S/T	0.69	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-				
	ΔT	19	15	12	-	16	15	12	-	16	15	12	-	16	15	12	-	16	14	11	-	17	15	12	-				
	kW	1.88	1.99	1.98	-	2.24	2.24	2.23	-	2.51	2.51	2.51	-	2.81	2.81	2.81	-	3.15	3.15	3.14	-	3.54	3.54	3.54	-				
	Amps	6.7	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.1	12.1	-	13.9	13.9	13.8	-				
	Hi PR	271	275	277	-	316	318	319	-	361	362	364	-	409	411	413	-	462	463	465	-	517	518	520	-				
125	MBh	29.2	29.6	30.4	-	28.9	29.3	30.2	-	28.2	28.6	29.4	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-				
	S/T	0.71	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-				
	ΔT	15	14	11	-	15	14	11	-	16	14	11	-	15	14	11	-	15	13	10	-	16	14	11	-				
	kW	2.00	2.00	2.00	-	2.25	2.25	2.24	-	2.53	2.53	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55	-				
	Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.4	9.4	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.9	-				
	Lo PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-				
1160	MBh	29.2	29.6	30.4	-	28.9	29.3	30.2	-	28.2	28.6	29.4	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-				
	S/T	0.71	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-				
	ΔT	15	14	11	-	15	14	11	-	16	14	11	-	15	14	11	-	15	13	10	-	16	14	11	-				
	kW	2.00	2.00	2.00	-	2.25	2.25	2.24	-	2.53	2.53	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55	-				
	Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.4	9.4	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.9	-				
	Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	466	468	-	520	521	523	-				
129	MBh	29.2	29.6	30.4	-	28.9	29.4	30.2	-	28.2	28.6	29.5	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-				
	S/T	0.71	0.64	0.50	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-				
	ΔT	15	14	11	-	15	14	11	-	16	14	11	-	17	14	11	-	19	17	14	-	21	19	16	-				
	kW	2.01	2.01	2.01	-	2.25	2.25	2.24	-	2.53	2.52	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.15	-	3.53	3.52	3.54	-				
	Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	14.0	-				
	Lo PR	129	130	133	-	136	138	141	-	143	144	146	-	148	148	153	-	154	155	159	-	161	162	166	-				

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions.
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — GSXS6S3010A* / AHVE36CP1400A* (CONT.)

IDB	AIRFLOW	65°F						75°F						85°F						95°F						ENTERING INDOOR WET BULB TEMPERATURE						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	59	63	67	71				
860	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7												
	S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62												
	ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	24	23	20	17	25	24	21	18												
	kW	1.71	1.87	1.97	1.99	2.22	2.22	2.22	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.15	3.15	3.53	3.52	3.52	3.54												
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.2	8.1	9.3	9.3	9.4	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9												
	Hi PR	266	270	275	279	314	316	317	322	359	360	362	367	407	409	411	415	460	461	463	467	515	516	518	523												
80	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167												
	MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1												
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70												
	ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	18	15	24	22	19	16												
	kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56												
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.1	12.1	12.2	13.9	13.9	13.8	13.9												
271	Hi PR	271	275	277	282	317	318	320	325	363	363	362	367	410	411	413	418	462	463	465	470	518	519	521	526												
	Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169												
	MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7												
	S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74												
	ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15												
	kW	2.00	2.00	2.01	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.17	3.17	3.56	3.55	3.55	3.57												
1160	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.3	8.2	9.4	9.4	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0												
	Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	416	421	465	466	468	473	520	522	524	528												
	Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	154	156	159	164	161	163	166	171												
	MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2												
	S/T	1.00	0.91	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.88	0.73												
	ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	20	28	27	24	21												
860	MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6												
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.80												
	ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20												
	kW	1.72	1.87	1.97	1.99	2.23	2.22	2.24	2.24	2.50	2.50	2.51	2.53	2.80	2.80	2.82	2.84	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54												
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.2	8.2	9.4	9.4	9.4	9.5	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.9	13.9												
	Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	516	518	519	524												
85	Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169												
	MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6												
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.91	0.77	1.00	1.00	0.84	0.73												
	ΔT	30	25	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	21												
	kW	1.89	1.99	2.01	2.01	2.24	2.24	2.25	2.25	2.51	2.51	2.52	2.53	2.82	2.82	2.81	2.83	3.15	3.15	3.17	3.17	3.55	3.55	3.55	3.56												
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.3	8.3	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	13.9												
1010	Hi PR	273	277	283	318	320	321	322	326	363	364	366	371	411	413	415	419	464	465	467	471	519	520	522	527												
	Lo PR																																				

EXPANDED COOLING DATA — GSXS6S3610A* / AHVE36CP1400A*

IDB	AIRELOW	OUTDOOR AMBIENT TEMPERATURE										105°F						115°F								
		65°F					75°F					85°F					ENTERING INDOOR WET BULB TEMPERATURE			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	
1070	MBh	30.2	32.2	35.6	-	33.8	34.3	35.3	-	32.9	33.4	34.4	-	31.4	31.8	32.9	-	29.5	30.0	31.0	-	27.5	27.9	28.9	-	
	S/T	0.63	0.54	0.39	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.68	0.53	-	
	ΔT	20	18	13	-	17	15	13	-	17	16	13	-	17	15	13	-	17	15	12	-	21	19	16	-	
	kW	2.21	2.38	2.71	-	3.06	3.05	-	3.44	3.44	3.43	-	3.85	3.85	3.84	-	4.31	4.31	4.30	-	4.79	4.79	4.79	-		
	Amps	7.7	8.4	9.4	-	10.9	10.9	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	16.4	16.4	16.3	-	18.5	18.5	18.5	-		
	Hi PR	275	278	281	-	322	323	325	-	368	369	371	-	418	419	421	-	471	472	474	-	532	533	535	-	
70	Lo PR	124	124	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	153	155	158	-	
	MBh	32.2	35.1	36.1	-	34.3	34.8	35.8	-	33.4	33.9	34.9	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	28.0	28.5	29.5	-	
	S/T	0.70	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.75	0.61	-	
	ΔT	18	14	11	-	16	14	11	-	16	14	12	-	16	14	11	-	16	14	11	-	19	18	14	-	
	kW	2.40	2.74	2.73	-	3.08	3.08	3.07	-	3.46	3.46	3.45	-	3.87	3.87	3.86	-	4.33	4.33	4.32	-	4.81	4.81	4.81	-	
	Amps	8.5	9.6	9.5	-	11.0	11.0	11.0	-	12.7	12.7	12.7	-	14.5	14.5	14.4	-	16.5	16.5	16.4	-	18.6	18.6	18.5	-	
1260	Hi PR	280	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	474	475	477	-	535	536	538	-	
	Lo PR	125	127	130	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	156	-	155	157	160	-	
	MBh	35.3	35.8	36.8	-	35.0	35.5	36.5	-	34.1	34.6	35.6	-	32.6	33.0	34.1	-	30.7	31.2	32.2	-	28.6	29.1	30.1	-	
	S/T	0.72	0.65	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.79	0.65	-	
	ΔT	15	13	10	-	15	13	10	-	15	14	11	-	15	13	10	-	15	13	10	-	18	17	13	-	
	kW	2.76	2.76	2.75	-	3.10	3.10	3.09	-	3.48	3.47	3.47	-	3.89	3.89	3.88	-	4.35	4.34	4.34	-	4.83	4.83	4.82	-	
1450	Amps	9.6	9.6	9.6	-	11.1	11.1	11.1	-	12.8	12.8	12.7	-	14.6	14.5	14.5	-	16.6	16.5	16.5	-	18.7	18.6	18.6	-	
	Hi PR	284	285	287	-	328	329	331	-	374	375	377	-	423	425	427	-	477	478	480	-	537	539	541	-	
	Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	158	159	162	-	
	MBh	32.2	35.6	37.2	33.8	34.3	35.3	36.9	32.9	33.4	34.4	36.0	31.4	31.9	32.9	34.5	29.5	30.0	31.0	32.6	27.5	28.0	29.0	27.3		
	S/T	0.77	0.68	0.52	0.37	0.74	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.67	0.52	
	ΔT	23	22	16	13	20	19	16	13	21	19	16	13	20	19	16	13	20	19	16	13	25	23	20	16	
1070	ΔT	2.20	2.38	2.71	3.06	3.05	3.05	3.07	3.44	3.43	3.43	3.45	3.85	3.84	3.84	3.86	4.31	4.30	4.30	4.32	4.79	4.79	4.78	3.93		
	kW	7.7	8.4	9.4	9.5	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.3	16.4	18.5	18.5	18.4	15.2		
	Amps	275	278	281	286	322	324	325	330	368	370	372	376	418	419	421	426	471	473	475	479	532	533	535	530	
	Hi PR	124	124	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	159	153	155	158	166	
	Lo PR	MBh	32.3	35.1	36.2	37.7	34.3	34.8	35.9	37.4	33.5	33.9	35.0	36.5	31.9	32.4	33.4	35.0	30.0	30.5	31.5	33.1	28.0	28.5	29.5	27.8
	S/T	0.84	0.74	0.60	0.45	1.00	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.75	0.60	
75	ΔT	22	18	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	15	12	23	22	18	14	
	kW	2.40	2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48	3.87	3.87	3.86	3.89	4.33	4.33	4.32	4.35	4.81	4.81	4.80	3.95	
	Amps	8.5	9.5	9.6	11.0	11.0	11.0	11.1	11.1	12.7	12.6	12.6	12.8	14.5	14.5	14.4	14.5	16.5	16.5	16.5	16.5	18.6	18.6	18.5	15.3	
	Hi PR	280	282	284	289	325	326	328	333	371	372	374	379	421	422	424	429	474	475	477	482	535	536	538	532	
	Lo PR	125	127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	156	161	155	157	160	168	
	MBh	35.3	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.6	35.6	37.2	32.6	33.1	34.1	35.6	30.7	31.2	32.2	33.8	28.6	29.1	30.1	28.4		
1260	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.57	1.00	1.00	0.79	0.64	
	ΔT	18	17	14	11	18	17	14	11	19	17	14	11	18	17	14	11	18	17	14	11	21	21	17	13	
	kW	2.76	2.75	2.75	2.77	3.10	3.09	3.09	3.11	3.48	3.47	3.47	3.49	3.89	3.88	3.88	3.90	4.35	4.34	4.34	4.36	4.83	4.83	4.82	3.96	
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.2	11.2	12.8	12.8	12.8	12.7	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.6	18.6	18.6	15.4	
	Hi PR	284	285	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	478	480	485	538	539	541	535	
	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	158	159	162	171	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions.

Amps = outdoor unit amps (comp.+fan)

		Outdoor Ambient Temperature														115°F												
		65°F							75°F																			
		ENTERING			INDOOR		WET BULB		TEMPERATURE		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							
1070	MBh	30.4	32.4	35.8	37.4	34.0	34.5	35.5	37.1	33.1	33.6	34.6	36.2	31.6	32.0	33.1	34.6	29.7	30.2	31.2	32.8							
	S/T	1.00	0.81	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.72	0.58							
	ΔT	27	26	19	16	24	22	19	16	24	22	20	17	24	22	19	16	24	22	19	16	24						
	kW	2.21	2.38	2.71	2.74	3.06	3.06	3.05	3.08	3.44	3.44	3.43	3.46	3.85	3.85	3.84	3.87	4.31	4.31	4.30	4.33							
	Amps	7.7	8.4	9.4	9.5	10.9	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.5							
	Hi PR	275	279	282	287	323	324	326	331	369	370	372	377	418	420	422	426	472	473	475	480	533						
	Lo PR	124	125	129	134	132	133	136	142	138	140	143	148	144	145	149	149	151	151	154	155	158						
	MBh	32.4	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.1	32.6	33.6	35.2	30.2	30.7	31.7	33.3							
80	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66							
	ΔT	26	21	18	15	23	21	18	15	23	21	18	15	21	18	15	15	22	21	18	15	22						
	kW	2.40	2.74	2.73	2.76	3.08	3.08	3.07	3.10	3.46	3.46	3.45	3.48	3.87	3.87	3.86	3.89	4.33	4.33	4.32	4.35							
	Amps	8.5	9.6	9.5	9.6	11.0	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.4	14.6	16.5	16.5	16.5	16.4							
	Hi PR	280	283	285	290	326	327	329	334	372	373	375	380	421	423	425	429	475	476	478	483	535						
	Lo PR	125	128	131	136	134	135	139	144	140	142	145	150	146	148	151	156	152	153	156	161	157						
	MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.8	30.9	31.4	32.4	33.9							
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70							
1450	ΔT	22	20	17	14	22	20	17	14	20	17	14	22	20	17	14	22	20	17	14	22	21						
	kW	2.76	2.75	2.75	2.77	3.10	3.09	3.09	3.12	3.48	3.47	3.47	3.49	3.89	3.89	3.88	3.91	4.35	4.34	4.34	4.36							
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.7	14.6	14.5	14.5	14.6	16.6	16.5	16.5	16.6							
	Hi PR	284	286	288	293	328	330	332	336	375	376	378	383	424	425	427	432	478	479	481	486	538						
	Lo PR	129	130	133	139	136	138	141	146	143	144	148	153	148	150	153	158	154	156	159	164	158						
	MBh	37.0	37.5	38.0	38.6	35.2	35.7	36.7	38.3	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.8	30.9	31.4	32.4	33.9							
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70							
	MBh	39.5	40.0	41.0	42.0	37.0	37.5	38.0	38.6	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.8	30.9	31.4	32.4	33.9							

		Mbh										Mbh									
		S/T	ΔT	kW	Amps	Hi PR	Lo PR	S/T	ΔT	kW	Amps	Hi PR	Lo PR	S/T	ΔT	kW	Amps	Hi PR	Lo PR		
1070	Mbh	30.9	32.9	36.4	37.9	34.6	35.1	36.1	37.6	33.7	34.2	35.2	36.7	32.1	32.6	33.6	35.2	30.3	30.7	31.8	33.3
	S/T	1.00	0.91	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68
	ΔT	31	30	22	19	27	25	22	19	27	26	23	20	27	25	22	19	27	25	22	19
	kW	2.21	2.39	2.72	2.74	3.06	3.06	3.06	3.08	3.44	3.44	3.44	3.46	3.86	3.85	3.85	3.87	4.31	4.31	4.33	4.33
	Amps	7.7	8.4	9.5	9.6	11.0	11.0	10.9	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5
	Hi PR	277	280	283	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	481
85	Lo PR	126	127	131	136	134	135	138	143	140	142	145	150	146	147	150	156	151	153	156	161
	Mbh	33.0	35.9	36.9	38.5	35.1	35.6	36.6	38.2	34.2	34.7	35.7	37.3	32.7	33.2	34.2	35.7	30.8	31.3	32.3	33.9
	S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76
	ΔT	30	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	31	29	26	22
	kW	2.41	2.74	2.74	2.76	3.09	3.08	3.08	3.10	3.47	3.46	3.46	3.48	3.88	3.87	3.87	3.89	4.34	4.33	4.33	4.35
	Amps	8.5	9.6	9.6	9.7	11.1	11.1	11.1	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6
1260	Hi PR	282	284	286	291	327	328	330	335	373	374	376	381	423	424	426	431	476	477	479	484
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163
	Mbh	36.1	36.6	37.6	39.1	35.8	36.2	37.3	38.8	34.9	35.4	36.4	37.9	33.3	33.8	34.8	36.4	31.5	31.9	33.0	34.5
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.80	0.80
	ΔT	25	23	20	17	25	23	20	17	25	23	21	18	25	23	20	17	25	23	20	17
	kW	2.76	2.76	2.76	2.78	3.10	3.10	3.10	3.12	3.48	3.48	3.48	3.48	3.50	3.89	3.89	3.89	4.35	4.35	4.35	4.37
1450	Amps	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	16.7
	Hi PR	286	287	289	294	330	331	333	338	376	377	379	384	425	427	429	433	479	480	482	487
	Lo PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	161	166

Shaded areas is AHR1 co-

A_{mnS} = outdoor unit amns (comn + fan)
 kW = Total system power

High and low pressures are measured at the liquid and suction service valves. Airflow may vary depending on actual ambient conditions and system operation modes.

Airflow may vary depending on actual ambient conditions and system operation modes.

floor 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
1120	MBh	30.7	38.1	40.9	-	39.7	40.3	41.5	-	38.7	39.2	40.4	-	36.9	37.4	38.6	-	34.7	35.2	36.4	-	30.6	31.1	32.3	-
	S/T	0.60	0.50	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	1.00	0.62	0.49	-
	ΔT	20	19	15	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	22	20	16	-
	kW	2.17	2.85	3.05	-	3.62	3.61	3.61	-	4.10	4.10	4.09	-	4.63	4.63	4.62	-	5.22	5.22	5.21	-	5.26	5.25	5.25	-
	Amps	8.2	11.0	11.7	-	14.3	14.2	14.2	-	16.4	16.4	16.3	-	18.7	18.7	18.6	-	21.2	21.2	21.2	-	21.4	21.4	21.4	-
	Hi PR	252	264	269	-	311	312	314	-	355	356	358	-	403	404	406	-	455	456	458	-	500	501	503	-
1320	MBh	33.8	40.3	42.5	-	40.4	40.9	42.1	-	39.3	39.9	41.1	-	37.5	38.1	39.3	-	35.3	35.9	37.1	-	31.2	31.7	32.8	-
	S/T	0.67	0.57	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	1.00	0.70	0.56	-
	ΔT	19	18	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	20	18	15	-
	kW	2.42	3.08	3.20	-	3.64	3.64	3.63	-	4.13	4.13	4.12	-	4.66	4.65	4.65	-	5.25	5.24	5.24	-	5.28	5.28	5.27	-
	Amps	9.2	11.9	12.4	-	14.4	14.4	14.3	-	16.5	16.5	16.4	-	18.8	18.8	18.7	-	21.3	21.3	21.3	-	21.5	21.5	21.5	-
	Hi PR	259	270	274	-	314	315	317	-	358	359	361	-	406	407	409	-	457	459	460	-	503	504	506	-
1520	MBh	38.8	41.1	43.3	-	41.1	41.7	42.9	-	40.1	40.7	41.9	-	38.3	38.9	40.1	-	36.1	36.6	37.8	-	31.9	32.4	33.5	-
	S/T	0.69	0.61	0.49	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.73	0.60	-
	ΔT	18	17	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	19	17	14	-
	kW	2.90	3.10	3.22	-	3.67	3.66	3.66	-	4.15	4.15	4.14	-	4.68	4.68	4.67	-	5.27	5.27	5.26	-	5.30	5.30	5.29	-
	Amps	11.2	12.0	12.5	-	14.5	14.5	14.4	-	16.6	16.6	16.5	-	18.9	18.9	18.8	-	21.4	21.4	21.4	-	21.6	21.6	21.6	-
	Hi PR	268	272	277	-	316	317	319	-	361	362	364	-	408	410	412	-	460	461	463	-	505	506	508	-
1120	Lo PR	119	119	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	148	150	153	-
1320	MBh	30.7	38.1	40.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4
	S/T	0.73	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48
	ΔT	24	23	20	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17
	kW	2.16	2.85	3.04	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.62	4.62	4.65	5.22	5.21	5.21	5.24	5.25	5.25	5.24	4.89
	Amps	8.2	11.0	11.7	12.4	14.2	14.2	14.3	16.4	16.3	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9	
	Hi PR	253	265	276	311	312	314	319	355	357	358	363	403	404	406	411	455	456	458	463	500	501	503	502	
1520	Lo PR	119	116	118	126	124	125	128	133	130	131	134	139	135	136	139	144	140	142	145	150	144	146	149	155
1120	MBh	33.9	40.4	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0
	S/T	0.80	0.70	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56
	ΔT	23	22	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	25	23	19	15
	kW	2.42	3.08	3.19	3.23	3.64	3.64	3.63	3.66	4.13	4.13	4.12	4.15	4.66	4.65	4.64	4.68	5.24	5.24	5.23	5.27	5.28	5.27	5.27	4.91
	Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.4	16.6	16.6	18.8	18.8	18.7	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0
	Hi PR	259	270	274	279	314	315	317	321	358	359	361	366	406	407	409	414	458	459	461	465	503	504	506	505
1320	Lo PR	119	117	123	128	126	127	130	135	132	133	136	141	137	139	142	146	142	144	147	152	146	148	151	157
1520	MBh	38.9	41.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	31.9	32.4	33.6	33.7
	S/T	0.81	0.74	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60
	ΔT	23	21	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14
	kW	2.90	3.10	3.22	3.25	3.66	3.66	3.65	3.69	4.15	4.15	4.14	4.17	4.68	4.67	4.67	4.70	5.27	5.26	5.26	5.29	5.30	5.29	5.29	4.93
	Amps	11.2	12.0	12.5	12.7	14.5	14.5	14.6	14.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.5	21.6	21.6	20.0	
	Hi PR	269	273	277	282	316	318	319	324	361	362	364	369	409	410	412	416	460	461	463	468	505	506	508	508
	Lo PR	119	119	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kw = Total system power

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — GSXS6S4210A* / AHVE48DP1400A* (CONT.)

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	59	63	67	71	
1120	MBh	30.9	38.3	41.1	43.9	40.0	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.5	36.7	38.5	30.8	31.3	32.5	32.6	
	S/T	0.86	0.75	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.56	1.00	1.00	0.74	0.60	
	ΔT	28	27	24	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	30	28	25	21	
	kW	2.17	2.85	3.05	3.20	3.62	3.61	3.61	3.64	4.10	4.10	4.09	4.13	4.63	4.63	4.62	4.65	5.22	5.22	5.21	5.24	5.26	5.25	5.25	4.89	
	Amps	8.2	11.0	11.7	12.5	14.3	14.2	14.4	16.4	16.4	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	19.9		
	Hi PR	253	265	270	277	311	313	315	319	356	357	359	364	404	405	407	411	455	456	458	463	501	502	504	503	
80	Lo PR	120	117	119	126	124	126	128	133	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156	
	MBh	34.0	40.6	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2	
	S/T	0.92	0.82	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.81	0.68	
	ΔT	27	26	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	20	17	29	27	23	19	
	kW	2.42	3.08	3.20	3.23	3.64	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.65	4.65	4.68	5.25	5.24	5.24	5.27	5.28	5.28	5.27	4.91	
	Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.7	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	
1320	Hi PR	260	271	275	280	314	315	317	322	359	360	362	366	407	408	410	414	458	459	461	466	503	504	506	506	
	Lo PR	120	118	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	147	148	151	158	
	MBh	39.1	41.3	43.5	45.3	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	32.1	32.6	33.7	33.9	
	S/T	0.93	0.86	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.85	0.72	
	ΔT	27	25	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	23	19	16	28	26	22	18	
	kW	2.90	3.10	3.22	3.25	3.67	3.66	3.66	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.93	
1520	Amps	11.2	12.0	12.5	12.7	14.5	14.5	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.1		
	Hi PR	269	273	278	282	317	318	320	325	361	363	364	369	409	410	412	417	461	462	464	469	506	507	509	508	
	Lo PR	119	120	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	150	153	160	

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	59	63	67	71	
1120	MBh	31.4	38.9	41.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2	
	S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.84	0.71	
	ΔT	32	31	28	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	34	32	28	25	
	kW	2.17	2.86	3.05	3.21	3.62	3.62	3.61	3.65	4.11	4.11	4.10	4.13	4.64	4.63	4.63	4.66	5.23	5.22	5.22	5.25	5.26	5.26	5.25	4.89	
	Amps	8.2	11.0	11.8	12.5	14.3	14.3	14.2	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.2	21.2	21.4	21.4	21.4	21.4	19.9	
	Hi PR	254	266	271	278	313	314	316	320	357	358	360	365	405	406	408	413	457	458	460	464	502	503	505	504	
1320	Lo PR	121	118	120	128	126	127	130	135	132	133	136	141	137	139	142	147	142	144	147	152	147	148	151	157	
	MBh	34.6	41.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8	
	S/T	1.00	0.92	0.80	0.66	1.00	0.94	0.81	0.67	1.00	0.83	0.69	0.61	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.91	0.78	
	ΔT	31	30	24	21	29	27	24	21	29	27	28	24	21	29	27	24	21	29	27	24	20	32	31	27	23
	kW	2.43	3.09	3.21	3.24	3.65	3.65	3.64	3.67	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.25	5.25	5.24	5.28	5.29	5.28	5.28	4.92	
	Amps	9.3	11.9	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.8	18.9	21.4	21.4	21.3	21.5	21.5	21.5	21.5	20.0	
1520	Hi PR	261	272	276	281	316	317	319	323	360	361	363	368	408	409	411	416	459	461	462	467	504	506	507	507	
	Lo PR	122	119	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159	
	MBh	39.7	42.0	44.2	46.0	42.0	42.6	43.8	45.6	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	32.7	33.3	34.4	34.5	
	S/T	1.00	0.96	0.84	0.70	1.00	0.98	0.84	0.70	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.95	0.82		
	ΔT	30	29	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	29	31	29	26	22	
	kW	2.91	3.11	3.23	3.26	3.68	3.67	3.66	3.70	4.16	4.16	4.15	4.18	4.69	4.68	4.68	4.71	5.28	5.27	5.2						

IDB	AIRELOW	OUTDOOR AMBIENT TEMPERATURE										105°F						115°F							
		65°F					75°F					85°F					ENTERING INDOOR WET BULB TEMPERATURE			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
1170	MBh	34.6	39.5	46.0	-	45.3	45.9	47.3	-	44.1	44.7	46.1	-	42.0	42.6	44.0	-	39.5	40.1	41.5	-	31.7	32.3	33.4	-
	S/T	0.58	0.50	0.36	-	0.57	0.50	0.37	-	0.60	0.52	0.39	-	0.62	0.54	0.41	-	0.64	0.56	0.43	-	0.69	0.62	0.49	-
	ΔT	21	19	16	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	22	20	17	-
	kW	2.44	2.89	3.53	-	4.36	4.36	4.35	-	4.96	4.95	4.95	-	5.60	5.60	5.59	-	6.33	6.32	6.31	-	5.34	5.34	5.33	-
	Amps	9.3	11.2	13.8	-	17.3	17.3	17.2	-	19.9	19.9	19.8	-	22.7	22.7	22.6	-	25.8	25.8	25.8	-	21.8	21.8	21.8	-
	Hi PR	259	267	277	-	323	324	326	-	369	370	372	-	419	420	422	-	472	474	476	-	504	505	507	-
70	Lo PR	116	115	114	-	120	122	124	-	126	128	130	-	131	133	136	-	136	138	141	-	143	144	147	-
	MBh	41.2	45.3	48.4	-	46.0	46.6	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.7	-	40.2	40.9	42.2	-	32.3	32.9	34.0	-
	S/T	0.63	0.56	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.69	0.56	-
	ΔT	20	18	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	21	19	15	-
	kW	3.12	3.57	3.85	-	4.40	4.39	4.38	-	4.99	4.99	4.98	-	5.64	5.63	5.63	-	6.36	6.36	6.35	-	5.37	5.36	5.36	-
	Amps	12.1	14.0	15.1	-	17.4	17.4	17.4	-	20.0	20.0	20.0	-	22.8	22.8	22.8	-	26.0	26.0	25.9	-	21.9	21.9	21.9	-
1380	Hi PR	271	278	285	-	326	327	329	-	372	373	375	-	422	423	425	-	475	477	479	-	507	508	510	-
	Lo PR	114	113	120	-	122	124	126	-	128	130	133	-	133	135	138	-	138	140	143	-	145	146	149	-
	MBh	43.6	46.2	49.3	-	46.9	47.5	48.9	-	45.7	46.3	47.7	-	43.6	44.3	45.6	-	41.1	41.8	43.1	-	33.1	33.6	34.8	-
	S/T	0.67	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.72	0.59	-
	ΔT	19	17	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	20	18	14	-
	kW	3.35	3.60	3.88	-	4.42	4.42	4.41	-	5.02	5.02	5.01	-	5.67	5.66	5.65	-	6.39	6.38	6.38	-	5.39	5.38	5.38	-
1590	Amps	13.1	14.1	15.2	-	17.6	17.5	17.5	-	20.2	20.1	20.1	-	23.0	22.9	22.9	-	26.1	26.1	26.0	-	22.0	22.0	22.0	-
	Hi PR	276	280	288	-	329	330	332	-	375	376	378	-	425	426	428	-	478	479	481	-	509	510	512	-
	Lo PR	115	116	122	-	124	126	129	-	131	132	135	-	136	137	140	-	141	142	145	-	147	148	151	-
	MBh	43.6	46.2	49.3	-	46.9	47.5	48.9	-	45.7	46.3	47.7	-	43.6	44.3	45.6	-	41.1	41.8	43.1	-	33.1	33.6	34.8	-
	S/T	0.71	0.62	0.48	0.35	0.70	0.62	0.49	0.36	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	1.00	0.69	0.56	0.41	1.00	0.74	0.61	0.47
	ΔT	25	24	21	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	16	27	25	21	17
1170	MBh	34.6	39.5	46.0	49.8	45.3	45.9	47.3	49.4	44.1	44.7	46.1	48.2	42.0	42.7	44.0	46.1	39.5	40.2	41.5	40.2	31.8	32.3	33.5	33.7
	S/T	0.71	0.62	0.48	0.35	0.70	0.62	0.49	0.36	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	1.00	0.69	0.56	0.41	1.00	0.74	0.61	0.47
	ΔT	25	24	21	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	16	27	25	21	17
	kW	2.44	2.89	3.53	3.85	4.36	4.35	4.34	4.39	4.96	4.94	4.95	4.98	5.60	5.60	5.59	5.63	6.32	6.32	6.31	5.44	5.34	5.34	5.33	4.97
	Amps	9.3	11.2	13.8	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	20.3	20.3
	Hi PR	259	267	277	287	323	324	326	331	369	371	373	377	419	420	422	427	473	474	476	466	504	505	507	507
75	Lo PR	116	115	114	122	120	122	124	126	128	131	135	131	136	136	140	136	138	141	143	143	144	147	153	-
	MBh	41.2	45.4	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	43.4	44.8	46.9	40.2	40.9	42.2	40.9	32.3	32.9	34.1	34.2
	S/T	0.75	0.68	0.56	0.42	0.77	0.70	0.57	0.43	0.79	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54
	ΔT	24	23	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	15	25	23	20	16
	kW	3.11	3.57	3.84	3.89	4.39	4.39	4.38	4.42	4.98	4.98	4.99	4.99	5.64	5.63	5.62	5.66	6.35	6.35	6.34	5.47	5.36	5.36	5.35	5.00
	Amps	12.1	14.0	15.0	15.2	17.4	17.4	17.4	17.5	20.0	20.0	20.0	20.1	22.8	22.8	22.8	22.9	26.0	25.9	25.9	22.3	21.9	21.9	20.4	20.4
1380	Hi PR	271	278	285	290	326	327	329	334	372	373	375	380	422	423	425	430	476	477	479	469	507	508	510	509
	Lo PR	114	113	120	124	122	124	126	131	128	130	133	137	133	135	138	142	138	140	143	145	145	146	149	155
	MBh	43.6	46.2	49.3	51.4	46.9	47.5	48.9	51.0	45.7	46.3	47.7	49.8	43.6	44.3	45.7	47.7	41.1	41.8	43.1	41.7	33.1	33.6	34.8	35.0
	S/T	0.79	0.72	0.60	0.46	0.81	0.73	0.60	0.47	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.52	1.00	0.85	0.72	0.58
	ΔT	23	22	16	13	21	19	16	13	21	20	16	13	21	19	16	12	21	19	16	14	24	22	18	14
	kW	3.34	3.60	3.87	3.91	4.42	4.42	4.41	4.45	5.02	5.01	5.00	5.05	5.66	5.65	5.65	5.69	6.38	6.38	6.37	5.49	5.38	5.38	5.37	5.02
1590	Amps	13.1	14.1	15.2	15.3	17.5	17.5	17.5	17.7	20.1	20.1	20.3	20.3	22.9	22.9	22.9	23.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5	-
	Hi PR	276	281	288	293	329	330	332	337	375	376	383	425	426	428	433	478	480	482	472	509	511	512	512	-
	Lo PR	115	116	122	127	124	126	129	134	131	132	135	140	136	137	140	145	141	142	145	147	148	151	151	-

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kw = Total system power

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — GSXS6S4810A* / AHVE48DP1400A* (CONT.)

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	59	63	67		
1170	MBh	34.8	39.7	46.2	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.3	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	40.5	32.0	32.5	33.7		
	S/T	0.84	0.74	0.60	0.47	0.82	0.74	0.61	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.53	1.00	0.86	0.73		
	ΔT	29	28	25	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	21	31	29	25	21	
	kW	2.44	2.89	3.53	3.85	4.36	4.36	4.35	4.39	4.96	4.95	4.94	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	5.44	5.34	5.34	5.33	4.98	
	Amps	9.3	11.2	13.8	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8	20.3	20.3	
	Hi PR	260	267	277	288	324	325	327	332	370	371	373	378	420	421	423	428	473	474	476	467	505	506	508	507	
80	Lo PR	117	115	115	123	121	122	125	130	127	128	131	136	132	133	136	141	137	138	141	143	143	145	147	154	
	MBh	41.4	45.6	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3	34.4	
	S/T	0.87	0.80	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.80	0.66	
	ΔT	29	27	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	19	30	28	24	20	
	kW	3.12	3.57	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.35	5.47	5.37	5.36	5.36	5.36	5.00	5.00	
	Amps	12.1	14.0	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.2	22.8	22.8	22.8	23.0	26.0	26.0	25.9	22.3	21.9	21.9	21.9	20.4	20.4	
1380	Hi PR	271	278	286	291	327	328	330	335	373	374	376	381	423	424	426	431	476	477	479	470	507	509	510	510	510
	Lo PR	115	114	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	140	143	145	145	146	149	156	
	MBh	43.9	46.5	49.6	51.6	47.1	47.8	49.1	51.2	45.9	46.6	48.0	50.0	43.9	44.5	45.9	48.0	41.4	42.0	43.4	41.9	33.3	33.8	35.0	35.2	
	S/T	0.91	0.84	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.64	1.00	1.00	0.84	0.70	
	ΔT	28	26	20	17	25	23	20	16	25	24	20	17	25	23	20	16	25	23	20	18	28	26	23	19	
	kW	3.35	3.60	3.88	3.92	4.42	4.42	4.41	4.45	5.02	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.49	5.39	5.38	5.02	5.02	
1590	Amps	13.1	14.1	15.2	15.4	17.6	17.5	17.5	17.7	20.2	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5	
	Hi PR	277	281	289	293	329	331	333	337	376	377	379	384	425	427	429	433	479	480	482	472	510	511	513	513	513
	Lo PR	116	116	122	127	125	126	129	134	131	132	135	140	136	138	140	145	141	143	145	148	147	149	152	158	

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	59	63	67		
1170	MBh	35.4	40.4	47.0	50.8	46.3	46.9	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.7	45.1	47.1	40.5	41.2	42.5	41.2	32.6	33.2	34.3	34.5	
	S/T	1.00	0.84	0.70	0.57	1.00	0.84	0.71	0.57	1.00	0.87	0.73	0.60	1.00	0.88	0.75	0.62	1.00	1.00	0.77	0.63	1.00	1.00	0.83	0.69	
	ΔT	33	32	29	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	35	33	29	25
	kW	2.45	2.90	3.54	3.86	4.37	4.36	4.40	4.97	4.96	4.95	5.00	5.61	5.61	5.60	5.64	6.34	6.33	6.32	5.45	5.35	5.34	5.34	4.98	4.98	
	Amps	9.4	11.2	13.9	15.1	17.3	17.3	17.5	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	21.8	20.3	
	Hi PR	261	268	279	289	325	326	328	333	371	372	374	379	421	422	424	429	475	476	478	468	506	507	509	508	508
1380	Lo PR	118	117	116	125	122	124	127	132	130	133	138	134	135	138	143	139	140	143	145	145	146	149	156	156	156
	MBh	42.1	46.3	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0	
	ΔT	33	31	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	23	33	31	28	24	
	kW	3.12	3.58	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.64	5.68	6.37	6.37	6.36	5.48	5.37	5.36	5.36	5.01	
	Amps	12.2	14.0	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.2	20.2	22.9	22.9	22.8	23.0	26.0	26.0	26.0	22.3	22.0	22.0	21.9	20.4	
	Hi PR	273	280	287	292	328	329	331	336	374	375	377	382	424	425	427	432	477	479	481	471	509	510	511	511	511
1590	Lo PR	116	116	122	127	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	147	147	148	151	157	157
	MBh	44.6	47.2	50.3	52.4	47.9	48.6	49.9	52.0	46.7	47.4	48.7	50.8	44.7	45.3	46.7	48.8	42.1	42.8	44.2	42.6	33.9	34.5	35.7	35.8	
	S/T	1.00	0.93	0.82	0.68	1.00	0.95	0.82	0.68	1.00	0.98	0.85	0.71	1.00	0.86	0.73	0.60	1.00	0.89	0.74	0.70	1.00	1.00	0.93	0.80	
	ΔT	32	30	24	20	29	27	23	20	29	27	24	20	29	27	23	20	28	27	23	22	32	30	27	23	
	kW	3.35	3.61	3.89	3.93	4.43	4.43	4.42	4.46	5.03	5.03	5.02	5.06	5.68	5.67	5.66	5.70	6.40	6.39	6.38	5.50	5.39	5.39	5.38	5.02	
	Amps	13.1	14.1	15.2	15.4	17.6	17.6	17.7	17.7	20.2	20.2	20.3	20.3	23.0	23.0	22.9	23.1	26.1	26.1	26.1	22.4	22.1	22.1	22		

EXPANDED COOLING DATA – GSXS6S6010A* / AHVE60DP1400A*

IDB	AIRELOW	OUTDOOR AMBIENT TEMPERATURE										105°F						115°F											
		65°F					75°F					85°F					ENTERING INDOOR WET BULB TEMPERATURE			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				
1390	Mbh	41.6	49.2	54.0	-	53.3	54.1	55.7	-	51.9	52.7	54.3	-	49.5	50.2	51.8	-	41.9	42.6	44.1	-	35.9	36.5	37.8	-				
	S/T	0.57	0.49	0.36	-	0.56	0.49	0.36	-	0.58	0.51	0.38	-	0.60	0.53	0.40	-	0.64	0.56	0.43	-	0.69	0.61	0.48	-				
	ΔT	20	19	16	-	19	17	14	-	19	17	14	-	19	17	14	-	21	19	15	-	22	20	16	-				
	kW	2.90	3.68	4.18	-	5.15	5.14	5.13	-	5.85	5.84	5.83	-	6.60	6.60	6.59	-	6.01	6.01	6.00	-	5.75	5.75	5.74	-				
	Amps	10.9	14.1	16.0	-	20.1	20.1	20.1	-	23.2	23.1	23.1	-	26.4	26.4	26.4	-	24.2	24.2	24.2	-	23.3	23.2	23.2	-				
	Hi PR	260	272	280	-	324	325	327	-	370	371	373	-	420	421	423	-	459	460	462	-	501	503	504	-				
70	Lo PR	113	111	113	-	117	119	122	-	123	125	128	-	128	130	133	-	132	134	136	-	141	142	145	-				
	Mbh	47.6	51.4	57.0	-	54.1	54.9	56.5	-	52.7	53.5	55.1	-	50.3	51.1	52.7	-	42.7	43.4	44.8	-	36.5	37.2	38.5	-				
	S/T	0.64	0.56	0.42	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	0.71	0.64	0.51	-	0.76	0.69	0.56	-				
	ΔT	20	18	13	-	17	16	13	-	18	16	13	-	17	16	13	-	19	17	14	-	20	18	15	-				
	kW	3.50	3.93	4.55	-	5.19	5.18	5.17	-	5.89	5.88	5.87	-	6.64	6.64	6.63	-	6.05	6.04	6.03	-	5.78	5.77	5.77	-				
	Amps	13.4	15.1	17.5	-	20.3	20.3	20.2	-	23.3	23.3	23.3	-	26.6	26.6	26.5	-	24.4	24.3	24.3	-	23.4	23.4	23.3	-				
70	Hi PR	271	277	286	-	327	328	330	-	373	374	376	-	423	424	426	-	462	463	465	-	504	505	507	-				
	Lo PR	112	113	117	-	119	121	124	-	125	127	130	-	130	132	135	-	134	136	138	-	143	144	147	-				
	Mbh	50.2	54.3	58.1	-	55.2	56.0	57.6	-	53.8	54.6	56.2	-	51.4	52.1	53.7	-	43.6	44.3	45.8	-	37.4	38.0	39.3	-				
	S/T	0.68	0.60	0.46	-	0.66	0.59	0.47	-	0.69	0.62	0.49	-	0.71	0.63	0.51	-	0.75	0.67	0.54	-	1.00	0.72	0.59	-				
	ΔT	19	17	12	-	16	15	11	-	17	15	12	-	16	15	11	-	18	16	13	-	19	17	14	-				
	kW	3.74	4.25	4.58	-	5.22	5.22	5.21	-	5.92	5.91	5.90	-	6.67	6.67	6.66	-	6.07	6.07	6.06	-	5.80	5.80	5.79	-				
1890	Amps	14.3	16.4	17.7	-	20.4	20.4	20.4	-	23.5	23.5	23.4	-	26.8	26.7	26.7	-	24.5	24.4	24.4	-	23.5	23.5	23.4	-				
	Hi PR	276	284	288	-	329	331	333	-	376	377	379	-	426	427	429	-	465	466	468	-	507	508	510	-				
	Lo PR	114	114	119	-	122	123	126	-	128	129	132	-	133	134	137	-	136	138	141	-	145	146	149	-				
	Mbh	41.6	49.2	54.0	58.6	53.3	54.1	55.7	58.2	51.9	52.7	54.3	56.8	49.5	50.3	51.9	54.3	41.9	42.6	44.1	44.8	35.9	36.5	37.8	37.7				
	S/T	0.70	0.62	0.48	0.34	0.68	0.61	0.48	0.35	0.70	0.63	0.50	0.37	0.72	0.65	0.52	0.39	0.76	0.69	0.56	0.42	1.00	0.74	0.61	0.48				
	ΔT	25	23	20	14	22	21	18	14	23	21	18	15	22	21	18	14	25	23	20	16	26	24	20	16				
1390	Hi PR	290	3.68	4.17	4.55	5.14	5.13	5.18	5.84	5.83	5.87	6.60	6.59	6.58	6.63	6.01	6.01	6.00	5.67	5.75	5.75	5.74	5.30	5.30	5.30	5.30			
	Lo PR	261	272	280	288	324	325	327	332	371	373	378	420	421	423	428	459	461	462	463	502	503	503	503	503	503	503	503	
	Mbh	47.6	51.4	57.0	59.5	54.2	54.9	56.6	59.0	52.8	53.5	55.1	57.6	50.3	51.1	52.7	55.2	42.7	43.4	44.9	45.5	36.6	37.2	38.5	38.3				
	S/T	0.76	0.68	0.55	0.41	0.75	0.68	0.55	0.42	0.77	0.70	0.57	0.44	0.79	0.72	0.59	0.46	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.55				
	ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	24	22	18	14	24	23	19	15				
	kW	3.49	3.93	4.54	4.59	5.18	5.18	5.17	5.22	5.88	5.87	5.87	6.64	6.63	6.62	6.67	6.04	6.04	6.03	5.70	5.77	5.77	5.76	5.32	5.32	5.32	5.32		
75	Hi PR	271	278	286	291	327	328	330	335	373	374	376	381	423	424	426	431	462	463	465	465	504	505	505	505	505	505	505	505
	Lo PR	112	113	117	122	119	121	124	128	125	127	130	134	130	132	135	139	134	136	138	144	143	144	147	153	153	153	153	
	Mbh	50.2	54.3	58.1	60.6	55.2	56.0	57.6	60.1	53.8	54.6	56.2	58.7	51.4	52.2	53.8	56.2	43.6	44.3	45.8	46.4	37.4	38.1	39.4	39.1				
	S/T	0.80	0.72	0.58	0.45	0.79	0.71	0.59	0.45	0.81	0.74	0.61	0.48	0.83	0.76	0.63	0.50	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.59				
	ΔT	23	21	15	12	20	18	15	12	20	19	15	12	20	18	15	12	22	21	17	13	23	21	18	14				
	kW	3.74	4.25	4.58	4.62	5.22	5.21	5.20	5.25	5.92	5.91	5.90	5.95	6.67	6.66	6.65	6.70	6.07	6.06	5.72	5.80	5.79	5.79	5.34	5.34	5.34	5.34		
1890	Amps	14.3	16.4	17.6	17.8	20.4	20.4	20.6	23.5	23.4	23.4	23.6	26.7	26.7	26.7	26.9	24.4	24.4	24.4	23.0	23.5	23.4	23.4	21.6	21.6	21.6	21.6		
	Hi PR	277	284	289	294	330	331	333	338	376	377	379	384	426	427	429	434	465	466	468	468	507	508	510	508	508	508	508	508
	Lo PR	114	114	119	124	122	123	131	128	129	132	137	133	134	137	142	136	138	141	146	145	146	149	149	149	149	149	149	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kw = Total system power

		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
1390	MBh	41.9	49.4	54.3	58.9	53.6	54.4	56.0	58.4	52.2	53.0	54.6	57.0	49.8	50.5	52.2	54.6	42.2	42.9	44.3	45.0	36.1	36.7	38.0	37.9
	S/T	0.82	0.74	0.60	0.46	0.79	0.72	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.54	1.00	0.86	0.73	0.60
	ΔT	29	28	24	18	26	25	21	18	27	25	22	18	26	25	21	18	29	27	24	20	30	28	25	21
	kW	2.90	3.68	4.18	4.55	5.15	5.14	5.13	5.18	5.85	5.84	5.83	5.88	6.60	6.60	6.58	6.63	6.01	6.00	5.67	5.75	5.74	5.74	5.30	5.30
	Amps	10.9	14.1	16.0	17.5	20.1	20.1	20.3	20.1	23.2	23.1	23.1	23.3	26.4	26.4	26.6	26.4	24.2	24.2	22.8	23.3	23.2	23.2	21.4	21.4
	Hi PR	261	273	281	288	324	326	328	332	371	372	374	379	421	422	424	429	460	461	463	463	502	503	505	503
80	Lo PR	113	112	113	120	118	119	122	127	124	125	128	133	129	130	133	138	133	134	137	142	141	143	146	152
	MBh	47.8	51.7	57.3	59.8	54.5	55.2	56.8	59.3	53.0	53.8	55.4	57.9	50.6	51.4	53.0	55.5	43.0	43.7	45.1	45.7	36.8	37.4	38.7	38.5
	S/T	0.89	0.80	0.66	0.53	0.87	0.80	0.67	0.53	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.88	0.75	0.61	1.00	0.93	0.80	0.67
	ΔT	28	26	20	17	25	23	20	17	25	24	20	17	25	23	20	17	28	26	22	19	29	27	23	19
	kW	3.50	3.93	4.55	4.60	5.19	5.18	5.17	5.22	5.89	5.88	5.87	5.92	6.64	6.64	6.62	6.67	6.05	6.04	6.03	5.70	5.78	5.77	5.77	5.32
	Amps	13.3	15.1	17.5	17.7	20.3	20.2	20.4	20.2	23.3	23.3	23.3	23.5	26.6	26.6	26.5	26.8	24.4	24.3	22.9	23.4	23.4	23.3	21.5	
1640	Hi PR	272	278	286	291	327	329	331	335	374	375	377	382	423	425	427	432	463	464	466	466	505	506	508	506
	Lo PR	113	113	117	122	120	121	124	129	126	127	130	135	131	132	135	140	135	136	139	144	143	145	147	154
	MBh	50.5	54.6	58.4	60.8	55.5	56.3	57.9	60.4	54.1	54.9	56.5	58.9	51.7	52.4	54.1	56.5	43.9	44.6	46.0	46.6	37.7	38.3	39.6	39.4
	S/T	0.92	0.84	0.70	0.56	0.90	0.83	0.70	0.57	1.00	0.85	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.92	0.79	0.65	1.00	1.00	0.84	0.71
	ΔT	27	25	19	16	24	22	19	16	24	22	19	16	24	22	21	19	27	25	21	17	27	26	22	18
	kW	3.74	4.25	4.58	4.63	5.22	5.21	5.25	5.21	5.91	5.90	5.90	5.95	6.67	6.67	6.66	6.71	6.07	6.06	5.72	5.80	5.80	5.79	5.34	
1890	Amps	14.3	16.4	17.7	17.9	20.4	20.4	20.6	20.4	23.5	23.4	23.6	23.6	26.8	26.7	26.7	26.9	24.5	24.4	23.0	23.5	23.4	23.4	21.6	
	Hi PR	277	284	289	294	330	331	333	338	376	378	380	385	426	428	429	434	465	467	468	468	507	509	510	508
	Lo PR	115	115	120	124	122	124	126	131	128	129	132	137	133	134	137	142	137	138	141	146	145	147	150	

		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
1390	MBh	42.6	50.3	55.2	59.8	54.5	55.3	56.9	59.4	53.1	53.9	55.5	57.9	50.7	51.4	53.1	55.5	43.0	43.7	45.2	45.8	36.8	37.5	38.8	38.6
	S/T	1.00	0.83	0.70	0.55	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.86	0.73	0.60	1.00	1.00	0.77	0.64	1.00	1.00	0.83	0.70
	ΔT	32	32	28	21	30	28	25	21	30	28	25	22	30	28	25	21	33	31	28	24	34	32	28	24
	kW	2.91	3.69	4.19	4.57	5.16	5.15	5.14	5.19	5.86	5.85	5.84	5.89	6.61	6.61	6.62	6.64	6.02	6.01	5.68	5.76	5.75	5.75	5.30	
	Amps	11.0	14.1	16.1	17.6	20.2	20.2	20.1	20.3	23.2	23.2	23.1	23.3	26.5	26.5	26.5	26.6	24.3	24.2	22.8	23.3	23.3	23.3	21.4	
	Hi PR	262	274	282	290	326	327	329	334	372	373	375	380	422	423	425	430	461	462	464	464	503	504	506	504
1640	MBh	48.6	52.5	58.2	60.7	55.4	56.1	57.7	60.2	54.0	54.7	56.3	58.8	51.5	52.3	53.9	56.4	43.8	44.5	45.9	46.5	37.5	38.2	39.5	39.2
	S/T	1.00	0.90	0.76	0.62	1.00	0.89	0.76	0.63	1.00	0.91	0.79	0.65	1.00	0.93	0.80	0.67	1.00	1.00	0.85	0.71	1.00	1.00	0.90	0.77
	ΔT	32	30	23	20	28	27	23	20	29	27	24	20	28	27	23	20	32	30	26	22	32	30	27	23
	kW	3.51	3.94	4.56	4.61	5.20	5.18	5.23	5.90	5.89	5.88	5.93	6.65	6.65	6.64	6.68	6.06	6.05	6.04	5.71	5.79	5.78	5.77	5.33	
	Amps	13.4	15.1	17.6	17.8	20.3	20.3	20.5	20.5	23.4	23.4	23.3	23.5	26.7	26.6	26.6	26.8	24.4	24.4	23.0	23.4	23.4	23.4	21.5	
	Hi PR	273	279	288	293	329	330	332	337	375	376	378	383	425	426	428	433	464	465	467	467	506	507	509	507
85	MBh	51.3	55.4	59.3	61.7	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.6	53.4	55.0	57.4	44.7	45.4	46.9	47.4	38.4	39.0	40.3	40.1
	S/T	1.00	0.93	0.79	0.66	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	0.90	0.71	0.64	1.00	1.00	0.89	0.75	1.00	1.00	0.94	0.81
	ΔT	31	29	22	19	27	26	22	19	28	26	23	19	27	26	22	19	31	29	25	21	31	29	26	22
	kW	3.75	4.26	4.59	4.64	5.23	5.23	5.22	5.26	5.93	5.93	5.91	5.96	6.68	6.68	6.67	6.72	6.08	6.07	5.73	5.73	5.81	5.80	5.80	5.35
	Amps	14.4	16.4	17.7	17.9	20.5	20.4	20.6	20.6	23.5	23.5	23.7	23.7	26.8	26.7	26.7	26.9	24.5	24.4	23.1	23.5	23.5	23.5	21.6	
	Hi PR	278	286	290	295	331	333	335	340	378	379	381	386	428	429	431	436	467	468</						

		OUTDOOR AMBIENT TEMPERATURE												105°F						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
520	MBh	15.9	16.6	17.6	-	16.7	16.9	17.4	-	16.3	16.5	17.0	-	15.5	15.7	16.2	-	14.6	14.8	15.3	-	13.7	14.0	14.5	-
	S/T	0.62	0.54	0.40	-	0.62	0.54	0.40	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.67	0.52	-
	ΔT	21	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.04	1.07	1.07	-	1.20	1.20	1.20	-	1.36	1.35	1.35	-	1.52	1.52	1.51	-	1.70	1.70	1.70	-	1.91	1.91	1.91	-
	Amps	3.6	3.8	3.9	-	4.5	4.5	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-
	Hi PR	243	245	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	412	-	459	460	462	-
610	Lo PR	125	126	131	-	133	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-
	MBh	16.6	17.3	17.9	-	17.0	17.2	17.7	-	16.5	16.8	17.3	-	15.8	16.0	16.5	-	14.8	15.1	15.6	-	14.0	14.2	14.7	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-
	kW	1.08	1.08	1.07	-	1.21	1.21	1.21	-	1.36	1.36	1.36	-	1.53	1.53	1.52	-	1.71	1.71	1.70	-	1.92	1.92	1.92	-
	Amps	3.8	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.1	5.1	-	5.9	5.9	5.8	-	6.6	6.6	6.6	-	7.6	7.6	7.6	-
700	Hi PR	246	247	247	-	282	283	285	-	322	324	325	-	366	367	368	-	412	413	415	-	462	463	464	-
	Lo PR	127	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-
	MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.1	16.3	16.8	-	15.2	15.4	15.9	-	14.3	14.5	15.0	-
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-
	kW	1.09	1.08	1.08	-	1.22	1.22	1.22	-	1.37	1.37	1.37	-	1.53	1.53	1.53	-	1.72	1.71	1.71	-	1.93	1.93	1.93	-
700	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.7	6.7	6.7	-	7.6	7.6	7.6	-
	Hi PR	247	248	249	-	285	286	288	-	325	326	328	-	368	369	371	-	414	415	417	-	464	465	467	-
	Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	152	155	-	156	158	161	-	163	165	168	-
520	MBh	15.9	16.6	17.6	18.4	16.7	16.9	17.5	18.2	16.3	16.5	17.0	17.8	15.5	15.8	16.3	17.0	14.6	14.8	15.3	16.1	13.7	14.0	14.5	15.3
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51
	ΔT	25	23	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	20	17	13	22	21	18	14
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.21	1.21	1.35	1.35	1.36	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	411	413	417	459	460	462	466
610	Lo PR	125	126	131	136	134	135	138	144	140	142	145	150	146	147	151	156	151	153	156	162	158	160	163	169
	MBh	16.6	17.4	17.9	18.6	17.0	17.2	17.7	18.5	16.5	16.8	17.3	18.0	15.8	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.0	14.2	14.7	15.5
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
	ΔT	23	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	21	19	16	13
	kW	1.08	1.08	1.07	1.08	1.21	1.21	1.21	1.22	1.36	1.36	1.36	1.37	1.53	1.53	1.52	1.53	1.71	1.71	1.71	1.71	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.9	5.9	5.8	5.8	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6
75	Hi PR	246	247	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	462	463	465	469
	Lo PR	127	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171
	MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.0	18.8	16.8	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.2	15.4	15.9	16.7	14.3	14.6	15.1	15.8
	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12
	kW	1.08	1.08	1.08	1.09	1.22	1.22	1.23	1.23	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.93	1.93	1.93	1.93
700	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
	Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	464	465	467	471
	Lo PR	130	132	135	141	138	140	143	148	145	146	150	155	151	152	155	161	156	158	161	166	163	165	168	173

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

KW = Total system power

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA – GSXS601810A* / AHVE24BP1400A* - SW (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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				
520	MBh	16.0	16.7	17.7	18.5	16.8	17.0	17.5	18.3	16.4	16.6	17.1	17.9	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64
	ΔT	29	27	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.04	1.07	1.07	1.08	1.20	1.20	1.21	1.21	1.36	1.35	1.36	1.36	1.52	1.52	1.51	1.52	1.70	1.70	1.70	1.71	1.91	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.6
	Hi PR	243	245	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
610	Lo PR	125	127	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	161	164	169
	MBh	16.7	17.4	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	14.9	15.2	15.7	16.4	14.1	14.3	14.8	15.6
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
	ΔT	28	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	22	19	25	23	20	17	
	kW	1.08	1.08	1.07	1.09	1.21	1.21	1.22	1.22	1.36	1.36	1.37	1.37	1.53	1.53	1.52	1.53	1.71	1.71	1.70	1.72	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6
700	Hi PR	247	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463	465	469
	Lo PR	127	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	17.5	17.8	18.3	19.0	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.4	16.2	16.4	16.9	17.7	15.2	15.5	16.0	16.8	14.4	14.6	15.1	15.9
	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	25	24	22	19	16
	kW	1.09	1.08	1.08	1.09	1.22	1.22	1.23	1.23	1.37	1.37	1.38	1.38	1.53	1.53	1.54	1.54	1.72	1.71	1.71	1.72	1.93	1.93	1.93	1.94
700	Amps	3.9	3.9	4.0	4.5	4.5	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	
	Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472
	Lo PR	131	133	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	161	167	164	165	168	174

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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				
520	MBh	16.3	16.9	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.2	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.3	14.9	15.6
	S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.75
	ΔT	33	24	20	28	27	24	20	28	27	24	21	28	27	24	20	28	26	23	20	29	27	24	21	
	kW	1.04	1.07	1.08	1.08	1.21	1.21	1.20	1.21	1.36	1.36	1.37	1.37	1.52	1.52	1.52	1.52	1.70	1.70	1.70	1.71	1.92	1.91	1.91	1.92
	Amps	3.6	3.8	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.2	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.7	7.6	7.5	7.5	7.6
	Hi PR	245	246	246	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	464	468
610	Lo PR	127	128	133	138	136	138	141	146	143	144	147	153	148	150	153	153	158	154	155	159	164	161	162	166
	MBh	16.9	17.7	18.2	19.0	17.3	17.6	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.7	14.4	14.6	15.1	15.9
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
	ΔT	31	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20
	kW	1.08	1.08	1.08	1.09	1.22	1.21	1.21	1.22	1.37	1.36	1.37	1.37	1.53	1.53	1.53	1.53	1.71	1.71	1.71	1.72	1.92	1.92	1.92	1.93
	Amps	3.8	3.9	4.0	4.5	4.5	4.5	4.5	4.5	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6
700	Hi PR	248	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470
	Lo PR	129	132	135	141	138	140	143	148	145	150	155	151	152	155	161	156	158	161	166	163	165	168	173	
	MBh	17.8	18.1	18.6	19.3	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.7	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.0	14.7	14.9	15.4	16.2
	S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	0.93	0.79	1.00	1.00	0.81	0.81	1.00	1.00	1.00	0.86
	ΔT	26	25	21	18	26	24	21	18	26	25	22	18	26	24	21	18	26	24	21	18	27	25	22	19
	kW	1.09	1.09	1.08	1.09	1.22	1.22	1.22	1.23	1.37	1.37	1.38	1.38	1.54	1.54	1.53	1.53	1.72	1.72	1.71	1.72	1.93	1.93	1.93	1.94
700	Amps	4.0	3.9	3.9	4.0	4.5	4.5	4.5	4.6	5.2	5.														

EXPANDED COOLING DATA – GSXS602410A* / AHVE24BP1400A*- SW

IDB	AIRELOW	OUTDOOR AMBIENT TEMPERATURE										95°F						105°F						115°F																			
		65°F					75°F					85°F					ENTERING INDOOR WET BULB TEMPERATURE			59			63			67			71			59			63			67			71		
		MBh	59	63	67	71	59	63	67	71	59	MBh	59	63	67	71	MBh	59	63	67	71	MBh	59	63	67	71	MBh	59	63	67	71	MBh	59	63	67	71							
680	MBh	21.2	22.3	23.5	-	22.3	22.6	23.3	-	21.7	22.1	22.7	-	20.7	21.0	21.7	-	19.5	19.8	20.5	-	18.4	18.7	19.3	-	17.1	17.4	17.7	-	16.4	16.7	17.0	-	15.5	15.8	16.1	-						
	S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-	1.00	0.66	0.52	-	1.00	0.66	0.52	-	1.00	0.66	0.52	-						
	ΔT	20	19	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-						
	kW	1.44	1.50	1.53	-	1.73	1.73	-	1.95	1.95	-	2.19	2.19	2.19	-	2.46	2.46	2.45	-	2.77	2.77	2.76	-	2.77	2.77	2.76	-	2.77	2.77	2.76	-	2.77	2.77	2.76	-								
	Amps	5.1	5.3	5.5	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	442	443	445	-	495	496	498	-	495	496	498	-	495	496	498	-						
	Hi PR	256	259	264	-	302	303	305	-	345	346	348	-	391	393	394	-	142	143	146	-	147	148	152	-	154	155	158	-	154	155	158	-	154	155	158	-						
70	MBh	22.3	23.2	23.9	-	22.7	23.0	23.7	-	22.1	22.4	23.1	-	21.1	21.4	22.1	-	19.8	20.2	20.8	-	18.7	19.0	19.7	-	18.7	19.0	19.7	-	18.7	19.0	19.7	-	18.7	19.0	19.7	-						
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-						
	ΔT	19	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-	17	16	13	-	17	16	13	-	17	16	13	-						
	kW	1.52	1.55	1.54	-	1.74	1.74	1.74	-	1.96	1.96	1.96	-	2.20	2.20	2.20	-	2.47	2.47	2.46	-	2.78	2.78	2.78	-	2.78	2.78	2.78	-	2.78	2.78	2.78	-	2.78	2.78	2.78	-						
	Amps	5.4	5.6	5.6	-	6.4	6.4	6.4	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.6	9.6	9.6	-	10.9	10.9	10.9	-	10.9	10.9	10.9	-	10.9	10.9	10.9	-	10.9	10.9	10.9	-						
	Hi PR	261	264	266	-	305	306	308	-	348	349	351	-	394	395	397	-	144	145	148	-	149	151	154	-	156	157	161	-	156	157	161	-	156	157	161	-						
70	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.5	21.8	22.5	-	20.3	20.6	21.3	-	19.1	19.5	20.1	-	19.1	19.5	20.1	-	19.1	19.5	20.1	-	19.1	19.5	20.1	-						
	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	1.00	0.77	0.63	-	1.00	0.77	0.63	-	1.00	0.77	0.63	-						
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-	16	15	12	-	16	15	12	-	16	15	12	-						
	kW	1.56	1.56	1.55	-	1.76	1.75	1.75	-	1.98	1.97	1.97	-	2.21	2.21	2.21	-	2.48	2.48	2.47	-	2.79	2.79	2.79	-	2.79	2.79	2.79	-	2.79	2.79	2.79	-	2.79	2.79	2.79	-						
	Amps	5.6	5.6	5.6	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-	11.0	11.0	11.0	-	11.0	11.0	11.0	-	11.0	11.0	11.0	-						
	Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	500	501	503	-	500	501	503	-	500	501	503	-	500	501	503	-						
920	MBh	23.3	23.2	23.9	-	22.7	23.0	23.7	-	24.4	24.1	24.1	-	21.1	21.4	22.1	-	23.1	19.8	20.2	20.8	21.9	18.7	19.0	19.7	20.7	18.4	18.7	19.4	20.4	18.4	18.7	19.4	20.4	18.4	18.7	19.4	20.4					
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50						
	ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12	21	19	16	13	20	18	15	12	20	18	15	12	20	18	15	12						
	kW	1.50	1.53	1.54	1.54	1.73	1.73	1.74	1.74	1.95	1.95	1.96	1.96	2.19	2.18	2.18	2.18	2.46	2.45	2.45	2.47	2.77	2.77	2.76	2.78	2.77	2.77	2.76	2.78	2.77	2.76	2.77	2.77	2.76	2.78	2.77	2.76						
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.4	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.5	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9				
	Hi PR	257	260	264	268	302	303	310	310	346	348	353	353	392	393	395	395	442	443	445	449	495	496	498	498	495	496	498	498	495	496	498	498	495	496	498	498	495	496	498	498		
75	MBh	23.3	23.7	24.3	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	22.8	19.5	19.8	20.5	21.5	18.4	18.7	19.4	20.4	18.4	18.7	19.4	20.4	18.4	18.7	19.4	20.4	18.4	18.7	19.4	20.4						
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50	1.00	1.00	0.65	0.50		
	ΔT	23	19	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12						
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.76	1.76	1.97	1.97	1.97	1.97	2.21	2.21	2.21	2.21	2.48	2.48	2.47	2.49	2.79	2.79	2.78	2.79	2.79	2.78	2.79	2.78	2.79	2.78	2.79	2.78	2.79	2.78	2.79	2.78	2.79	2.78	2.79			
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0		
	Hi PR	266	267	269	274	307	308	310	315	351	352	353	358	397	398	400	405	447	448	450	455	501	502	504	508	501	502	504	508	501	502	504	508	501	502	504</							

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
680	MBh	21.4	22.4	23.7	24.7	22.5	22.8	23.5	24.5	21.9	22.2	22.9	23.9	20.9	21.2	21.8	22.9	19.6	19.9	20.6
	S/T	0.88	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.73	0.58
	ΔT	29	27	20	17	25	23	20	17	25	24	20	17	25	23	20	17	26	24	21
	kW	1.44	1.50	1.53	1.55	1.73	1.73	1.73	1.74	1.95	1.95	1.96	2.19	2.19	2.20	2.46	2.45	2.47	2.77	2.76
	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.4	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9
	Hi PR	257	260	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	450
800	Lo PR	122	123	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152
	MBh	22.4	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	23.2	20.0	20.3	21.0
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.66
	ΔT	27	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20
	kW	1.52	1.55	1.54	1.56	1.74	1.74	1.74	1.75	1.96	1.96	1.97	2.20	2.20	2.21	2.47	2.47	2.46	2.48	2.78
	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	8.4	8.4	8.5	9.6	9.6	9.6	10.9	11.0
80	Hi PR	262	265	267	272	305	306	308	313	348	350	351	356	395	396	398	402	445	446	448
	Lo PR	123	126	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	154
	MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19
	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.99	2.21	2.21	2.21	2.48	2.48	2.47	2.49	2.79
920	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.5	8.5	8.5	8.4	9.6	9.6	9.6	11.0	11.0
	Hi PR	267	268	270	274	308	309	311	315	351	352	354	359	397	399	400	405	448	449	451
	Lo PR	127	129	132	137	135	136	139	144	141	143	146	151	147	148	151	157	152	154	157
	MBh	23.4	23.8	24.4	25.5	23.2	23.6	24.2	25.3	22.7	23.0	23.7	24.7	21.6	22.0	22.6	23.7	20.4	20.7	21.4
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19

		MBh	21.7	22.8	24.0	25.1	22.8	23.2	23.8	24.9	22.3	22.6	23.2	24.3	21.2	21.6	22.2	23.3	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9
680	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	0.90	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	1.00	0.74
	ΔT	32	30	23	20	28	26	23	20	28	27	24	21	28	26	23	20	28	26	23	20	29	27	24	21	21
	kW	1.44	1.51	1.53	1.55	1.74	1.73	1.73	1.75	1.96	1.95	1.95	1.97	2.19	2.19	2.19	2.20	2.46	2.46	2.46	2.47	2.77	2.77	2.77	2.78	
	Amps	5.1	5.4	5.5	5.6	6.4	6.4	6.4	6.4	7.4	7.3	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.6	10.9	10.9	10.9	10.9	
	Hi PR	258	261	266	270	304	305	307	311	347	348	350	354	393	395	396	401	444	445	447	451	497	498	500	505	
	Lo PR	124	125	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166	
85	MBh	22.8	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2	
	S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	1.00	0.81
	ΔT	31	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20	
	kW	1.52	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.78	2.78	2.80	
	Amps	5.4	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.4	8.4	8.4	8.5	9.6	9.6	9.6	9.6	11.0	11.0	10.9	11.0	
	Hi PR	263	266	268	273	306	308	309	314	350	351	353	357	396	397	399	404	446	447	449	454	500	501	503	507	
920	Lo PR	125	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.4	24.0	25.1	22.0	22.3	23.0	24.0	20.8	21.1	21.8	22.8	19.7	20.0	20.6	21.7	
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85	
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.75	1.77	1.98	1.98	1.97	1.99	2.22	2.22	2.21	2.23	2.48	2.48	2.48	2.49	2.80	2.79	2.79	2.81	
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.5	7.5	8.5	8.5	8.5	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.0	11.0	
	Hi PR	268	269	271	275	309	310	312	317	352	353	355	360	399	400	402	406	449	450	452	456	503	505	510	510	
	Lo PR	129	131	134	139	136	138	141	143	145	148	153	149	150	153	158	154	155	159	164	161	162	165	171		

Shaded areas is AHR1 co

Amps = outdoor unit amps (comp+fan)

High and low pressures are measured at the liquid and suction service valves. Airflow may vary depending on actual ambient conditions and system operation modes.

Airflow may vary depending on actual ambient conditions and system operation modes.

outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA – GSXS603010A / AHVE36CP1400A* – SW*

IDB	AIRFLOW	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	
860	MBh	25.8	27.5	29.5	-	28.0	28.4	29.2	-	27.2	27.6	28.5	-	26.0	26.4	27.2	-	24.4	24.8	25.6	-	23.0	23.4	24.2	-	
	S/T	0.61	0.54	0.38	-	0.61	0.53	0.39	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-	
	ΔT	20	18	13	-	17	16	13	-	18	16	13	-	17	16	13	-	17	16	13	-	18	17	14	-	
	kW	1.71	1.87	1.97	-	2.22	2.22	2.22	-	2.50	2.50	2.49	-	2.80	2.80	2.79	-	3.13	3.13	3.13	-	3.53	3.53	3.52	-	
	Amps	6.1	6.6	7.0	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.1	12.1	12.1	-	13.8	13.8	13.8	-	
	Hi PR	265	269	274	-	314	315	317	-	358	360	362	-	407	408	410	-	459	460	462	-	514	516	517	-	
70	Lo PR	124	125	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-	
	MBh	27.5	29.1	29.9	-	28.4	28.8	29.6	-	27.7	28.1	28.9	-	26.4	26.8	27.6	-	24.8	25.2	26.1	-	23.4	23.8	24.7	-	
	S/T	0.69	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-	
	ΔT	19	15	12	-	16	15	12	-	16	15	12	-	16	15	12	-	16	14	11	-	17	15	12	-	
	kW	1.88	1.99	1.98	-	2.24	2.24	2.23	-	2.51	2.51	2.51	-	2.81	2.81	2.81	-	3.15	3.15	3.14	-	3.54	3.54	3.54	-	
	Amps	6.7	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.1	12.1	-	13.9	13.9	13.8	-	
1010	Hi PR	271	275	277	-	316	318	319	-	361	362	364	-	409	411	413	-	462	463	465	-	517	518	520	-	
	Lo PR	125	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	151	153	156	-	158	160	163	-	
	MBh	29.2	29.6	30.4	-	28.9	29.3	30.2	-	28.2	28.6	29.4	-	26.9	27.3	28.2	-	25.4	25.8	26.6	-	24.0	24.4	25.2	-	
	S/T	0.71	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-	
	ΔT	15	14	11	-	15	14	11	-	16	14	11	-	15	14	11	-	15	13	10	-	16	14	11	-	
	kW	2.00	2.00	2.00	-	2.25	2.25	2.24	-	2.53	2.53	2.52	-	2.83	2.83	2.82	-	3.16	3.16	3.16	-	3.56	3.55	3.55	-	
1160	Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.4	9.4	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	13.9	13.9	13.9	-	
	Hi PR	276	277	279	-	319	320	322	-	364	365	367	-	412	413	415	-	464	465	467	-	520	521	523	-	
	Lo PR	129	130	133	-	136	138	141	-	143	144	148	-	148	150	153	-	154	155	159	-	161	162	165	-	
	MBh	25.8	27.5	29.5	30.8	28.0	28.4	29.2	30.5	27.2	27.6	28.5	29.8	26.0	26.4	27.2	28.5	24.4	24.8	25.7	27.0	23.0	23.4	24.2	25.5	
	S/T	0.75	0.67	0.52	0.37	0.74	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.64	0.50	0.50	
	ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	21	19	16	13	22	20	17	14	
860	kW	1.71	1.87	1.97	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.52	3.52	3.54	
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.8	
	Hi PR	269	274	279	314	315	317	322	322	359	360	362	366	407	408	410	415	459	460	462	467	515	516	518	522	
	Lo PR	124	125	129	134	132	133	136	142	138	140	143	148	144	145	149	154	151	154	154	156	158	161	166		
	MBh	27.5	29.1	29.9	31.2	28.4	28.8	29.7	31.0	27.7	28.1	28.9	30.2	26.4	26.8	27.7	28.9	24.9	25.3	26.1	27.4	23.4	23.8	24.7	26.0	
	S/T	0.83	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.72	0.57	
1010	ΔT	23	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	20	18	15	12	21	19	16	13	
	kW	1.88	1.99	1.98	2.00	2.24	2.23	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.81	2.83	3.15	3.15	3.15	3.16	3.54	3.54	3.55	3.55	
	Amps	6.6	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.1	13.9	13.9	13.9	14.0	
	Hi PR	271	275	277	282	317	318	320	324	361	363	365	369	410	411	413	418	462	463	465	470	519	520	525	528	
	Lo PR	125	128	131	136	134	135	138	144	140	142	145	150	146	148	151	156	152	153	156	162	158	160	163	168	
	MBh	29.2	29.6	30.5	31.7	29.0	29.4	30.2	31.5	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.4	25.8	26.6	27.9	24.0	24.4	25.2	26.5	
1160	S/T	0.84	0.77	0.63	0.48	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.70	0.56	1.00	0.76	0.61	0.57	0.57	
	ΔT	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	19	17	14	11	20	18	15	12	
	kW	2.00	2.00	1.99	2.01	2.25	2.24	2.26	2.25	2.53	2.52	2.52	2.54	2.83	2.82	2.82	2.84	3.16	3.16	3.15	3.17	3.55	3.55	3.57	3.57	
	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	14.0	14.0	
	Hi PR	276	278	280	284	319	320	322	327	364	365	367	372	412	414	415	420	464	466	472	520	521	523	528	528	
	Lo PR	129	130	133	136	136	141	146	148	144	146	148	150	153	148	148	150	153	158	158	159	161	162	166	171	

kW = Total system power

Scheda di controllo della presenza dei componenti

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

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IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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				
860	MBh	25.9	27.6	29.6	30.9	28.1	28.5	29.4	30.7	27.4	27.8	28.6	29.9	26.1	26.5	27.4	28.7	24.6	25.0	25.8	27.1	23.2	23.5	24.4	25.7
	S/T	1.00	0.80	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62
	ΔT	28	26	20	17	24	23	20	17	25	23	20	17	24	23	20	17	25	23	20	17	25	24	21	18
	kW	1.71	1.87	1.97	1.99	2.22	2.22	2.23	2.23	2.50	2.50	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.15	3.15	3.53	3.52	3.52	3.54
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.2	8.1	9.3	9.3	9.4	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.8	13.9
	Hi PR	266	270	275	279	314	316	317	322	359	360	362	367	407	409	411	415	460	461	463	467	515	516	518	523
80	Lo PR	124	125	129	135	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167
	MBh	27.7	29.2	30.1	31.4	28.6	29.0	29.8	31.1	27.8	28.2	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.2	27.5	23.6	24.0	24.8	26.1
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70
	ΔT	27	22	19	16	23	22	19	16	23	22	19	16	23	21	19	16	23	21	18	15	24	22	19	16
	kW	1.88	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.51	2.51	2.51	2.53	2.81	2.81	2.83	3.15	3.15	3.14	3.16	3.54	3.54	3.54	3.56	
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.8	12.2	12.1	12.1	12.1	12.2	13.9	13.9	13.8	13.9
1010	Hi PR	271	275	277	282	317	318	320	325	363	363	362	367	410	411	413	418	462	463	465	470	518	519	521	526
	Lo PR	126	128	131	137	134	136	139	144	141	142	146	151	147	148	151	157	152	154	157	162	159	160	164	169
	MBh	29.4	29.8	30.6	31.9	29.1	29.5	30.3	31.6	28.4	28.8	29.6	30.9	27.1	27.5	28.3	29.6	25.5	25.9	26.8	28.1	24.1	24.5	25.4	26.7
	S/T	1.00	0.89	0.76	0.61	1.00	0.90	0.76	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.88	0.74
	ΔT	22	21	18	15	22	21	18	15	23	21	18	15	22	21	18	15	22	20	18	14	23	21	19	15
	kW	2.00	2.00	2.01	2.01	2.25	2.25	2.24	2.26	2.53	2.52	2.52	2.54	2.83	2.82	2.84	3.16	3.16	3.17	3.17	3.56	3.55	3.55	3.57	
1160	Amps	7.2	7.2	7.1	7.2	8.2	8.2	8.3	8.2	9.4	9.4	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0
	Hi PR	277	278	280	285	320	321	323	328	365	366	368	372	413	414	416	421	465	466	468	473	520	522	524	528
	Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	151	154	159	154	156	159	164	161	163	166	171

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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				
860	MBh	26.4	28.1	30.1	31.4	28.6	29.0	29.9	31.1	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.1	25.0	25.4	26.3	27.6	23.6	24.0	24.9	26.2
	S/T	1.00	0.91	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.73	0.62
	ΔT	32	30	23	20	28	26	23	20	28	26	23	20	28	27	26	23	20	28	27	26	23	21	20	21
	kW	1.72	1.87	1.97	1.99	2.23	2.23	2.22	2.24	2.50	2.50	2.51	2.53	2.80	2.80	2.82	3.14	3.14	3.13	3.15	3.53	3.53	3.53	3.54	
	Amps	6.1	6.6	7.0	7.1	8.1	8.1	8.2	8.1	9.3	9.3	9.3	9.4	10.7	10.6	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9
	Hi PR	267	271	276	281	316	317	319	323	360	362	364	368	409	410	412	417	461	462	464	469	516	518	519	524
85	Lo PR	126	127	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169
	MBh	28.1	29.7	30.5	31.8	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.8	27.0	27.4	28.3	29.6	25.5	25.9	26.7	28.0	24.1	24.5	25.3	26.6
	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	0.80	0.73
	ΔT	30	25	22	19	26	25	22	19	27	25	22	19	26	25	22	19	26	25	22	19	27	26	23	20
	kW	1.89	1.99	2.01	2.01	2.24	2.24	2.24	2.25	2.52	2.52	2.51	2.53	2.82	2.82	2.81	2.83	3.15	3.15	3.15	3.17	3.55	3.55	3.55	3.56
	Amps	6.7	7.1	7.1	7.2	8.2	8.2	8.3	8.2	9.4	9.4	9.4	9.5	10.7	10.7	10.8	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0
1010	Hi PR	273	277	283	318	320	321	322	326	363	364	366	371	411	413	415	419	464	465	467	471	519	520	522	527
	Lo PR	128	130	133	139	136	138	141	146	144	148	153	148	150	153	158	154	158	155	158	164	161	162	166	171
	MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.1	28.8	29.2	30.1	31.4	27.6	28.0	28.8	30.1	26.0	26.4	27.3	28.6	24.6	25.0	25.8	27.1
	S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.90	0.79	1.00	1.00	0.84	0.73
	ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	21	18	26	25	22	21
	kW	2.01	2.00	2.00	2.02	2.25	2.25	2.25	2.27	2.53	2.53	2.54	2.55	2.83	2.83	2.83	2.84	3.17	3.16	3.16	3.18	3.56	3.56	3.55	3.57
1160	Amps	7.2	7.																						

EXPANDED COOLING DATA – GSXS603610A*/CAPEA3026*4A* + MBVC1600**-1A*- SW

		OUTDOOR AMBIENT TEMPERATURE										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				
1070	MBh	30.6	32.7	34.3	-	32.6	33.1	34.0	-	31.7	32.2	33.2	-	30.2	31.7	-	28.4	28.9	29.9	-	26.8	27.2	28.2		
	S/T	0.63	0.54	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	1.00	0.58	0.45	-	1.00	0.63	0.50	
	ΔT	19	18	12	-	16	14	12	-	16	15	12	-	16	14	12	-	16	14	11	-	17	15	12	
	kW	2.05	2.21	2.30	-	2.60	2.60	2.59	-	2.93	2.93	2.93	-	3.29	3.29	3.29	-	3.70	3.69	3.69	-	4.17	4.17	4.16	
	Amps	7.5	8.1	8.3	-	9.7	9.6	9.6	-	11.1	11.1	11.1	-	12.7	12.7	12.6	-	14.4	14.4	14.4	-	16.5	16.5	16.4	
	Hi PR	266	269	274	-	314	315	317	-	359	360	362	-	407	408	410	-	459	460	462	-	515	516	518	
1260	Lo PR	121	122	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	
	MBh	32.7	33.9	34.8	-	33.1	33.6	34.6	-	32.2	32.7	33.7	-	30.8	31.2	32.2	-	28.9	29.4	30.4	-	27.3	27.8	28.7	
	S/T	0.70	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	18	13	11	-	15	13	11	-	15	14	11	-	15	13	10	-	15	13	10	-	15	14	11	
	kW	2.23	2.32	2.32	-	2.62	2.62	2.61	-	2.95	2.95	2.95	-	3.31	3.31	3.31	-	3.72	3.71	3.71	-	4.19	4.19	4.18	
	Amps	8.2	8.4	8.4	-	9.7	9.7	9.7	-	11.2	11.2	11.1	-	12.7	12.7	12.7	-	14.5	14.5	14.5	-	16.5	16.5	16.5	
1450	Hi PR	271	275	277	-	317	318	320	-	362	363	365	-	410	411	413	-	462	463	465	-	518	521	521	
	Lo PR	122	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	159	
	MBh	34.0	34.5	35.5	-	33.7	34.2	35.2	-	32.9	33.3	34.3	-	31.4	31.9	32.8	-	29.6	30.1	31.0	-	27.9	28.4	29.4	
	S/T	0.70	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	14	12	10	-	14	12	10	-	14	13	10	-	14	12	10	-	14	12	10	-	15	13	10	
	kW	2.34	2.34	2.33	-	2.64	2.63	2.63	-	2.97	2.97	2.96	-	3.33	3.33	3.32	-	3.73	3.73	3.72	-	4.20	4.20	4.20	
1260	Amps	8.5	8.5	8.5	-	9.8	9.8	9.8	-	11.2	11.2	11.2	-	12.8	12.8	12.8	-	14.6	14.6	14.5	-	16.6	16.6	16.6	
	Hi PR	277	278	280	-	319	321	323	-	364	366	367	-	413	414	416	-	465	466	468	-	520	522	524	
	Lo PR	126	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	150	152	155	-	157	159	162	
	MBh	32.8	33.9	34.9	36.4	33.1	33.6	34.6	36.1	32.3	32.7	33.7	35.2	30.8	31.2	32.2	33.7	29.0	29.4	30.4	31.9	27.3	27.8	28.2	
	S/T	0.77	0.68	0.50	0.36	0.72	0.64	0.51	0.37	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.76	0.52	
	ΔT	23	21	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	15	12	20	18	16	15
1070	ΔT	22	17	14	11	18	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	15	14
	kW	2.04	2.21	2.29	2.32	2.60	2.60	2.59	2.62	2.93	2.93	2.93	2.95	3.29	3.29	3.29	3.31	3.70	3.69	3.69	3.71	4.17	4.16	4.16	3.69
	Amps	7.5	8.1	8.3	8.4	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.5	16.4	16.4	14.6
	Hi PR	266	270	274	279	314	315	317	322	359	360	362	367	407	409	410	415	460	461	463	467	515	516	518	513
	Lo PR	121	122	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	163
	MBh	30.6	32.7	34.4	35.9	32.6	33.1	34.1	35.6	31.7	32.2	33.2	34.7	30.3	30.7	31.7	33.2	28.5	28.9	29.9	31.4	26.8	27.3	28.3	27.7
75	ΔT	22	17	14	11	18	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	15	14
	kW	2.23	2.32	2.31	2.34	2.62	2.62	2.61	2.63	2.95	2.95	2.95	2.97	3.29	3.29	3.29	3.31	3.70	3.69	3.69	3.71	4.19	4.18	4.18	3.70
	Amps	8.2	8.4	8.4	8.5	9.7	9.7	9.7	9.8	11.2	11.2	11.1	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	14.7
	Hi PR	271	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	462	464	465	470	518	519	521	516
	Lo PR	122	125	128	133	131	132	135	141	137	139	142	147	143	144	147	152	148	150	153	158	155	156	159	165
	MBh	34.1	34.5	35.5	37.0	33.8	34.2	35.2	36.7	32.9	33.4	34.3	35.9	31.4	31.9	32.9	34.4	29.6	30.1	31.1	32.6	28.0	28.4	28.8	28.2
1450	ΔT	17	16	13	10	17	16	13	10	17	16	13	10	17	16	13	10	17	15	13	10	18	16	14	13
	kW	2.34	2.33	2.35	2.35	2.63	2.63	2.63	2.65	2.97	2.97	2.96	2.98	3.33	3.33	3.33	3.34	3.73	3.73	3.73	3.74	4.20	4.19	3.71	3.70
	Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.5	14.5	14.6	16.6	16.6	16.6	14.7
	Hi PR	277	278	280	285	320	321	323	327	365	366	368	372	413	414	416	421	465	466	468	473	521	522	524	518
	Lo PR	126	127	130	133	135	136	138	143	140	141	144	145	147	150	155	150	152	155	160	157	159	162	167	165
	MBh	30.6	32.7	34.4	35.9	32.6	33.1	34.0	35.6	31.7	32.2	33.2	34.7	30.3	30.7	31.7	33.2	28.5	28.9	29.9	31.4	26.8	27.3	28.3	27.7

DB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

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Shaded area is ACCA (TVA) conditions
 DB = Total system power
 Amps = outdoor unit amps (comp.+fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										INDOOR WET BULB TEMPERATURE										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	59	63	67	71
1070	MBh	30.8	32.9	34.5	36.0	32.8	33.2	34.2	35.7	31.9	32.4	33.4	34.9	30.4	30.9	31.9	33.4	28.6	29.1	30.1	31.6	27.0	27.4	28.4	27.9
	S/T	0.90	0.81	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	0.70	0.56	1.00	0.75	0.65	0.75	0.65
	ΔT	27	25	18	15	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	23	22	19	19
	kW	2.05	2.21	2.30	2.32	2.60	2.59	2.62	2.93	2.93	2.95	2.95	2.95	3.29	3.29	3.29	3.31	3.70	3.69	3.71	4.17	4.17	4.16	4.16	3.69
	Amps	7.5	8.1	8.3	8.4	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.7	14.4	14.4	14.4	14.5	14.5	16.5	16.5	16.4	14.6
	Hi PR	267	270	275	280	315	316	318	322	360	361	363	367	408	409	411	416	460	461	463	468	516	517	519	513
80	Lo PR	122	122	126	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	155	158	163
	MBh	32.9	34.1	35.0	36.5	33.3	33.8	34.7	36.2	32.4	32.9	33.9	35.4	30.9	31.4	32.4	33.9	29.1	29.6	30.6	32.1	27.5	28.0	28.9	28.3
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.74
	ΔT	26	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	22	20	18	18
	kW	2.23	2.32	2.34	2.62	2.61	2.64	2.95	2.95	2.95	2.95	2.97	2.97	3.31	3.31	3.31	3.31	3.72	3.71	3.71	3.73	4.19	4.19	4.18	3.70
	Amps	8.2	8.4	8.4	8.5	9.7	9.7	9.7	9.7	9.8	11.2	11.2	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	14.7
1260	Hi PR	272	276	278	282	317	319	321	325	362	364	365	370	411	412	414	419	463	464	466	471	518	520	522	516
	Lo PR	123	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165
	MBh	34.2	34.7	35.7	37.2	33.9	34.4	35.4	36.9	33.1	33.5	34.5	36.0	31.6	32.1	33.0	34.5	29.8	30.2	31.2	32.7	28.1	28.6	29.6	28.9
	S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.86	0.78
	ΔT	20	19	16	13	20	19	16	13	21	19	16	14	20	19	16	13	20	19	16	13	21	20	17	17
	kW	2.34	2.34	2.33	2.35	2.64	2.63	2.63	2.65	2.97	2.97	2.96	2.98	3.33	3.33	3.32	3.34	3.73	3.72	3.72	3.75	4.20	4.20	4.20	3.72
1450	Amps	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	14.7
	Hi PR	277	279	280	285	320	321	323	328	365	366	368	373	413	415	417	421	466	467	469	473	521	522	524	519
	Lo PR	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										INDOOR WET BULB TEMPERATURE										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	59	63	67	71
1070	MBh	31.3	33.4	35.1	36.6	33.3	33.8	34.8	36.3	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.6	30.6	32.1	27.5	28.0	29.0	28.4
	S/T	1.00	0.92	0.72	0.58	1.00	0.87	0.73	0.59	1.00	0.76	0.61	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.76
	ΔT	30	29	21	18	25	24	21	18	25	24	21	18	25	24	21	18	25	23	21	18	26	24	22	23
	kW	2.05	2.21	2.30	2.32	2.61	2.61	2.62	2.62	2.94	2.94	2.96	2.96	3.30	3.30	3.29	3.32	3.70	3.70	3.69	3.72	4.17	4.17	4.17	3.69
	Amps	7.5	8.2	8.3	8.4	9.7	9.7	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5	16.5	16.5	16.5	14.6
	Hi PR	268	271	276	281	316	317	319	324	361	362	364	369	409	410	412	417	461	462	464	469	517	518	520	515
85	Lo PR	124	124	128	133	131	132	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165
	MBh	33.5	34.6	35.6	37.1	33.8	34.3	35.3	36.8	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.5	29.7	30.2	31.1	32.6	28.0	28.5	29.5	28.9
	S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.84	0.84
	ΔT	29	23	20	17	24	23	20	17	24	23	20	17	24	23	20	17	24	22	20	17	25	23	21	21
	kW	2.23	2.33	2.32	2.34	2.63	2.62	2.64	2.64	2.96	2.96	2.95	2.97	3.32	3.32	3.31	3.33	3.72	3.71	3.71	3.74	4.19	4.19	4.19	3.71
	Amps	8.2	8.5	8.4	8.5	9.8	9.7	9.8	9.7	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.5	14.5	14.5	14.6	16.6	16.6	16.6	14.7
1260	Hi PR	273	277	279	284	319	320	322	327	364	365	367	371	412	413	415	420	464	465	467	472	520	521	523	517
	Lo PR	125	127	130	135	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167
	MBh	34.8	35.2	36.2	37.7	34.5	35.0	35.9	37.4	33.6	34.1	35.1	36.6	32.1	32.6	33.6	35.1	30.3	30.8	31.8	33.3	28.7	29.1	29.4	28.9
	S/T	1.00	0.97	0.84	0.70	1.00	0.90	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.88	0.88
	ΔT	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	16	23	21	19	16	24	22	20	20
	kW	2.34	2.34	2.34	2.36</td																				

EXPANDED COOLING DATA — GSXS6S1810A*/CAPEA1818*4A* + DTA119A71

		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
520	MBh	16.6	16.9	17.4	-	16.5	16.7	17.2	-	16.1	16.3	16.8	-	15.3	15.6	16.0	-	14.4	14.6	15.1	-	13.6	13.8	14.3	-
	S/T	0.62	0.54	0.40	-	0.62	0.54	0.40	-	0.65	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.67	0.52	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.06	1.06	1.05	-	1.19	1.19	1.19	-	1.34	1.34	1.33	-	1.50	1.50	1.49	-	1.68	1.68	1.67	-	1.89	1.89	1.88	-
	Amps	3.8	3.8	3.8	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-
	Hi PR	242	243	245	-	280	281	283	-	320	322	323	-	364	365	366	-	410	411	413	-	460	461	463	-
70	Lo PR	126	127	130	-	133	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-
	MBh	16.9	17.1	17.6	-	16.8	17.0	17.5	-	16.3	16.6	17.1	-	15.6	15.8	16.3	-	14.7	14.9	15.4	-	13.8	14.1	14.6	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-
	kW	1.07	1.06	1.06	-	1.20	1.20	1.19	-	1.35	1.35	1.34	-	1.51	1.51	1.50	-	1.69	1.68	1.68	-	1.90	1.89	1.89	-
	Amps	3.9	3.8	3.8	-	4.4	4.4	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.5	6.5	6.5	-	7.5	7.5	7.4	-
70	Hi PR	245	246	247	-	283	284	286	-	323	324	326	-	366	367	369	-	413	414	415	-	462	463	465	-
	Lo PR	128	129	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-
	MBh	17.2	17.5	18.0	-	17.1	17.3	17.8	-	16.6	16.9	17.4	-	15.9	16.1	16.6	-	15.0	15.2	15.7	-	14.1	14.4	14.9	-
	S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.69	0.54	-	1.00	0.71	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-
	kW	1.07	1.07	1.07	-	1.20	1.20	1.20	-	1.35	1.35	1.35	-	1.51	1.51	1.51	-	1.69	1.69	1.69	-	1.90	1.90	1.90	-
700	Amps	3.9	3.9	3.9	-	4.5	4.5	4.4	-	5.1	5.1	5.1	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-
	Hi PR	247	248	250	-	285	286	288	-	325	326	328	-	368	369	371	-	415	416	418	-	465	466	467	-
	Lo PR	130	132	135	-	138	140	143	-	145	146	149	-	150	152	155	-	156	158	161	-	163	164	168	-
	MBh	16.7	16.9	17.4	18.2	16.5	16.7	17.2	18.0	16.1	16.3	16.8	17.6	15.3	15.6	16.1	16.8	14.4	14.6	15.1	15.9	13.6	13.8	14.3	15.1
	S/T	0.75	0.67	0.53	0.38	1.00	0.68	0.54	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.51
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	22	21	17	14
520	kW	1.06	1.06	1.05	1.06	1.19	1.19	1.20	1.20	1.34	1.34	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89
	Amps	3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.5	7.5
	Hi PR	242	243	245	249	281	282	283	288	321	322	323	328	364	365	367	371	410	411	413	417	460	461	463	467
	Lo PR	126	127	130	136	133	135	138	144	140	142	144	145	146	147	151	156	151	153	156	161	158	160	163	168
	MBh	16.9	17.1	17.6	18.4	16.8	17.0	17.5	18.3	16.3	16.6	17.1	17.8	15.6	15.8	16.3	17.1	14.7	14.9	15.4	16.2	13.8	14.1	14.6	15.3
	S/T	0.83	0.75	0.61	0.46	1.00	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
75	ΔT	20	19	16	12	20	19	15	12	20	19	16	13	20	19	15	12	20	18	15	12	21	19	16	13
	kW	1.06	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.35	1.34	1.33	1.34	1.51	1.51	1.50	1.50	1.68	1.68	1.68	1.69	1.89	1.89	1.90	1.90
	Amps	3.9	3.8	3.8	3.9	4.4	4.4	4.4	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	7.5	7.5	7.5	7.5
	Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	416	420	463	464	465	469
	Lo PR	128	129	133	138	136	137	140	146	142	144	147	152	148	150	153	158	154	155	158	164	161	162	165	171
	MBh	17.2	17.5	18.0	18.7	17.1	17.3	17.8	18.6	16.6	16.9	17.4	18.1	15.9	16.1	16.6	17.4	15.0	15.2	15.7	16.5	14.1	14.4	14.9	15.6
700	S/T	0.87	0.79	0.65	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.78	0.63
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12
	kW	1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.52	1.52	1.69	1.69	1.69	1.70	1.90	1.90	1.91	1.91
	Amps	3.9	3.9	3.9	4.5	4.5	4.4	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5
	Hi PR	247	248	250	254	285	286	288	292	325	328	332	336	370	371	376	377	415	416	418	422	465	466	468	472
	Lo PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

IDB	Airflow	Outdoor Ambient Temperature												115°F											
		65°F						75°F						85°F						95°F					
		ENTERING			INDOOR			WET BULB			TEMPERATURE														
520	MBh	16.7	17.0	17.5	18.2	16.6	16.8	17.3	18.1	16.2	16.4	16.9	17.7	15.4	15.6	16.1	16.9	14.5	14.7	15.2	13.7	13.9	14.4	15.2	
	S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.74	0.59	1.00	0.79	0.64	
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.06	1.06	1.05	1.06	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.34	1.50	1.49	1.50	1.68	1.68	1.67	1.68	1.89	1.89	1.88	1.89	
	Amps	3.8	3.8	3.8	3.8	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	7.4	7.4	7.4	7.5	7.5
	Hi PR	243	244	246	250	281	282	284	288	321	322	324	328	364	365	367	371	411	412	414	418	461	462	463	467
	Lo PR	126	128	131	136	134	136	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169
	MBh	17.0	17.2	17.7	18.5	16.9	17.1	17.6	18.3	16.4	16.7	17.1	17.9	15.7	15.9	16.4	17.2	14.7	15.0	15.5	16.2	13.9	14.1	14.6	15.4
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.87	0.72
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	22	19	25	23	20	17
80	MBh	10.7	1.06	1.06	1.07	1.20	1.20	1.19	1.20	1.34	1.34	1.33	1.34	1.51	1.51	1.51	1.68	1.68	1.67	1.69	1.90	1.89	1.89	1.90	
	kW	3.9	3.8	3.8	3.8	3.9	3.9	4.4	4.4	4.5	4.5	4.4	4.4	5.1	5.1	5.1	5.8	5.8	5.8	6.5	6.5	6.6	7.5	7.4	7.5
	Amps	245	246	248	252	283	285	286	290	324	325	326	331	367	368	369	374	413	414	416	420	463	464	466	470
	Hi PR	128	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	Lo PR	131	132	136	141	139	140	143	149	145	147	150	155	151	153	156	161	157	158	161	167	164	165	168	174
	MBh	17.3	17.6	18.1	18.8	17.2	17.4	17.9	18.7	16.7	17.0	17.5	18.2	16.0	16.2	16.7	17.5	15.1	15.3	15.8	16.6	14.2	14.5	15.0	15.7
	S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.76	0.76
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16	22	19	21	16
	kW	1.07	1.07	1.07	1.08	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	
	Amps	3.9	3.9	3.9	3.9	4.5	4.5	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	6.6	6.6	6.6	7.5	7.5	7.5	7.5	7.5	
700	MBh	128	130	133	138	136	137	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171
	S/T	27	24	20	28	27	23	20	28	27	24	21	28	27	23	20	28	26	23	20	29	27	24	21	21
	ΔT	1.06	1.06	1.07	1.19	1.19	1.19	1.20	1.34	1.34	1.34	1.34	1.35	1.50	1.50	1.50	1.68	1.68	1.68	1.69	1.89	1.89	1.89	1.90	
	kW	3.8	3.8	3.9	4.4	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.6	7.4	7.4	7.5	7.5
	Amps	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	415	419	462	463	464	469
	Hi PR	248	249	250	255	286	287	289	293	326	327	329	333	369	370	372	376	416	417	418	423	465	466	468	472
	Lo PR	131	132	136	141	139	140	143	149	145	147	150	155	151	153	156	161	157	158	161	167	164	165	168	174
	MBh	17.3	17.5	18.0	18.8	17.1	17.4	17.9	18.6	16.7	16.9	17.4	18.2	15.9	16.2	16.7	17.4	15.0	15.3	15.8	16.5	14.2	14.4	14.9	15.7
	S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.77	1.00	1.00	1.00	0.82	0.82
	ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20
85	MBh	10.7	1.07	1.06	1.07	1.20	1.20	1.20	1.21	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.69	1.69	1.68	1.69	1.90	1.89	1.89	1.90	
	kW	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	
	Amps	246	247	249	253	285	286	287	292	325	326	327	332	368	369	371	375	414	415	417	421	464	465	467	471
	Hi PR	130	132	135	140	138	140	143	148	145	146	149	155	150	152	155	161	156	158	161	166	163	165	168	173
	Lo PR	130	132	135	140	138	140	143	148	145	147	150	155	151	153	156	161	156	158	161	166	163	165	168	173
	MBh	17.6	17.8	18.3	19.1	17.4	17.7	18.2	18.9	17.0	17.2	17.7	18.5	16.3	16.5	17.0	17.8	15.3	15.6	16.1	16.8	14.5	14.7	15.2	16.0
	S/T	1.00	0.88	0.73	0.60	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.60	1.00	1.00	0.93	0.79	1.00	1.00	0.81	1.00	1.00	1.00	0.86	0.86
	ΔT	26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	27	25	22	18	27	25	22	19
	kW	1.07	1.07	1.07	1.08	1.21	1.21	1.21	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	
	Amps	3.9	3.9	3.9	3.9	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.8	5.8	5.8	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	
700	MBh	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	S/T	26	24	21	18	26	24	21	18	26	25	22	18	26	24	21	18	27	25	22	18	27	25	22	19
	ΔT	1.07	1.07	1.07	1.08	1.21	1.21	1.21	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	
	kW	249	250	251	256	287	288	290	294	327	328	330	334	370	371	373	377	418	420	424	426	466	468	469	473
	Amps	133	134	138	143	140	142	145	147	149	152	157	153	158	163	165	167	169	170	172	174	176	178	180	
	Hi PR	130	132	135	140	138	140	143	148	145	147	150	155	151	156	161	166	163	165	168	173	174	176	177	
	Lo PR	130	132	135	140	138	140	143	148	145	147	150	155	151	156	161	166	163	165	168	173	174	176	177	
	MBh	17.6	17.8	18.3	19.1	17.4	17.7	18.2	18.9	17.0	17.2	17.7	18.5	16.3	16.5	17.0	17.8	15.3	15.6	16.1	16.8	14.5	14.7	15.2	16.0
	S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	ΔT	1.07	1.07	1.07	1.08	1.21	1.21	1.21	1.21	1.36	1.35	1.35	1.36	1.52	1.51	1.51	1.69	1.69	1.69	1.70	1.90	1.90	1.90	1.91	

IDB = Entering Indoor Dry Bulk Temperature

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

shaded area is AHBI conditions

W = Dual system (further)

EXPANDED COOLING DATA — GSXS6S2410A* / CAPEA1818*4A* + DTA119A71

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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				
680	MBh	22.1	22.4	23.1	-	21.9	22.2	22.9	-	21.3	21.7	22.3	-	20.4	20.7	21.3	-	19.1	19.4	20.1	-	18.0	18.3	19.0	
	S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	
	kW	1.55	1.55	1.54	-	1.75	1.75	1.74	-	1.97	1.97	1.97	-	2.21	2.21	2.21	-	2.48	2.48	2.48	-	2.80	2.80	2.79	
	Amps	5.6	5.6	5.6	-	6.5	6.4	6.4	-	7.4	7.4	7.4	-	8.5	8.4	8.4	-	9.6	9.6	9.6	-	11.0	11.0	11.0	
	Hi PR	261	262	264	-	302	303	305	-	345	346	348	-	391	392	394	-	441	443	444	-	495	496	498	
70	MBh	121	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	155	158	
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	
	kW	1.56	1.56	1.56	-	1.76	1.76	1.76	-	1.98	1.98	1.98	-	2.23	2.22	2.22	-	2.49	2.49	2.49	-	2.81	2.81	2.81	
	Amps	5.6	5.6	5.6	-	6.5	6.5	6.5	-	7.5	7.5	7.5	-	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.1	11.1	11.0	
	Hi PR	263	264	266	-	304	306	307	-	348	349	351	-	394	395	397	-	444	445	447	-	498	499	501	
920	MBh	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	155	157	160	
	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	21.1	21.4	22.1	-	19.9	20.2	20.9	-	18.8	19.1	19.8	
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	
	kW	1.57	1.57	1.57	-	1.77	1.77	1.77	-	1.99	1.99	1.99	-	2.24	2.23	2.23	-	2.50	2.50	2.50	-	2.82	2.82	2.82	
	Amps	5.7	5.7	5.7	-	6.6	6.5	6.5	-	7.5	7.5	7.5	-	8.6	8.6	8.5	-	9.7	9.7	9.7	-	11.1	11.1	11.1	
	Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	500	501	503	
75	MBh	126	128	131	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	155	-	158	159	162	
	S/T	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.79	0.65	
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	13	21	19	16	13	22	20	17	
	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.97	2.21	2.21	2.21	2.21	2.48	2.48	2.48	2.48	2.80	2.79	2.81	
	Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	9.7	11.0	11.0	11.1	
	Hi PR	261	262	264	268	302	303	305	309	345	346	348	353	392	393	395	399	442	443	445	449	495	496	503	
920	MBh	124	125	128	131	131	132	134	139	135	137	140	145	141	142	145	141	146	148	151	156	153	155	158	
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	0.73	0.58
	ΔT	20	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	20	18	15	12	21	19	16	
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.22	2.49	2.49	2.49	2.49	2.50	2.81	2.80	
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.5	9.7	9.7	9.7	9.7	11.1	11.1	11.1	
	Hi PR	263	265	266	271	305	306	308	312	348	349	351	355	394	395	397	402	444	445	447	452	498	499	505	
75	MBh	126	128	131	133	133	136	141	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	
	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	0.77	0.62	
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	
	kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.23	2.23	2.23	2.24	2.50	2.50	2.50	2.51	2.82	2.82	2.83	
	Amps	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.2	
	Hi PR	266	267	269	274	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	454	500	502	508	
920	MBh	126	128	131	136	133	135	143	140	141	145	150	145	147	150	155	151	152	155	151	158	159	162	167	
	S/T	0.88	0.80	0.66	0.52	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	0.77	0.62	
	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	19	17	14	11	20	18	15	
	kW	1.58	1.58	1.58	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.23	2.23	2.23	2.24	2.50	2.50	2.50	2.51	2.82	2.82	2.83	
	Amps	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.6	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.2	
	Hi PR	266	267	269	274	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	454	500	502	508	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

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

EXPANDED COOLING DATA — GSXS6S2410A* / CAPEA1818*4A* + DTA119A71 (CONT.)

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	59	63	67	71			
680	MBh	22.3	22.6	23.2	24.2	22.1	22.4	23.0	24.0	21.5	21.8	22.5	23.5	20.5	20.8	21.5	22.5	19.3	19.6	20.2	21.3	18.2	18.5	19.1	20.1			
	S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.73	0.58	1.00	1.00	0.78	0.63	0.63			
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18	18		
	kW	1.55	1.55	1.54	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.49	2.49	2.80	2.80	2.79	2.81	2.81		
	Amps	5.6	5.6	5.6	5.6	6.5	6.4	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.4	8.5	8.5	9.6	9.6	9.7	9.7	11.0	11.0	11.0	11.1	11.1		
	Hi PR	261	262	264	269	302	304	305	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503	503		
80	Lo PR	122	124	127	132	129	131	134	139	136	137	141	146	141	143	146	151	147	148	151	157	154	155	158	163	163		
	MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.8	22.1	22.8	23.8	20.8	21.1	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5	20.5		
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	0.71		
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	17	17		
	kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.24	2.49	2.49	2.49	2.50	2.81	2.81	2.82	2.82	2.82		
	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.6	7.5	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.7	11.1	11.1	11.1	11.1	11.1		
920	Hi PR	264	265	267	271	305	308	313	348	349	351	351	356	395	396	398	402	445	446	448	452	498	499	501	506	506		
	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	166	166		
	MBh	23.0	23.3	24.0	25.0	22.8	23.1	23.8	24.8	22.2	22.6	23.2	24.2	21.3	21.6	22.2	22.2	23.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.9	20.9	20.9
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	0.90	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75	0.75		
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	18	15	24	22	19	16	16		
	kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.24	2.23	2.23	2.25	2.50	2.50	2.51	2.51	2.82	2.82	2.82	2.83	2.83		
920	Amps	5.7	5.7	5.7	5.7	6.6	6.5	6.6	7.5	7.5	7.5	7.5	7.6	8.6	8.6	8.5	8.6	9.7	9.7	9.7	9.7	11.1	11.1	11.1	11.2	11.2		
	Hi PR	267	268	274	308	309	311	315	351	352	354	354	358	397	398	400	405	447	449	450	455	501	502	504	508	508		
	Lo PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	145	151	156	151	153	156	161	158	160	163	168		
	MBh	22.6	22.9	23.6	24.6	22.4	22.7	23.4	24.4	21.9	22.2	22.8	23.8	20.9	21.2	21.8	22.8	19.6	19.9	20.6	21.6	18.5	18.8	19.5	20.5	20.5		
	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.89	0.74	0.74		
	ΔT	28	27	23	20	28	26	23	20	28	27	24	21	28	26	23	20	23	22	19	27	24	22	21	21	21		
680	kW	1.55	1.55	1.56	1.56	1.75	1.75	1.76	1.76	1.98	1.97	1.97	1.99	2.22	2.21	2.21	2.23	2.49	2.48	2.48	2.49	2.50	2.80	2.80	2.81	2.81	2.81	
	Amps	5.6	5.6	5.6	5.6	6.5	6.5	6.4	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.5	9.7	9.6	9.7	9.7	11.0	11.0	11.0	11.1	11.1		
	Hi PR	262	264	265	270	304	305	307	311	347	348	350	354	393	394	396	401	443	444	446	451	497	498	500	504	504		
	Lo PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165	165		
	MBh	23.0	23.3	23.9	25.0	22.8	23.1	23.7	24.8	22.2	22.5	23.2	24.2	21.2	21.5	22.2	22.2	23.2	23.2	20.0	20.3	21.0	22.0	18.9	19.2	19.8	20.9	20.9
	S/T	1.00	0.97	0.83	0.69	1.00	0.98	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.90	0.81	0.81		
85	ΔT	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	28	26	23	20	20		
	kW	1.57	1.56	1.56	1.58	1.77	1.76	1.76	1.78	1.99	1.99	1.98	2.00	2.23	2.23	2.23	2.24	2.50	2.50	2.49	2.51	2.81	2.81	2.82	2.82	2.82		
	Amps	5.7	5.6	5.6	5.7	6.5	6.5	6.6	7.5	7.5	7.5	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.8	9.8	11.1	11.1	11.1	11.1	11.1			
	Hi PR	265	266	268	273	306	307	309	314	349	351	352	357	396	397	399	403	446	447	449	454	500	501	502	507	507		
	Lo PR	126	128	131	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	167	167		
	MBh	23.4	23.7	24.4	25.4	23.2	23.5	24.2	25.2	22.6	22.9	23.6	24.6	21.6	21.9	22.6	22.6	23.6	23.6	20.4	20.7	21.4	22.4	19.3	19.6	20.3	21.3	21.3
920	S/T	1.00	0.87	0.72	0.50	1.00	0.88	0.73	0.50	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.95	0.80	1.00	1.00	0.85	0.85	0.85		
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	19		
	kW	1.58	1.57	1.57	1.59	1.78	1.77	1.77	1.79	2.00	2.00	1.99	2.01	2.24	2.24	2.23	2.25	2.51	2.51	2.50	2.52	2.82	2.82	2.83	2.83	2.83		
	Amps	5.7	5.7	5.7	5.7	6.6	6.6	6.6	6.5	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.6	9.8	9.8	9.7	9.7	11.1	11.1	11.1	11.2	11.2		
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	402	406	449	450	452	456	502	503	505	510	510		
	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	160	161	165	170	170		

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions
 IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending

EXPANDED COOLING DATA — GSXS6S3010A* / CAPEA2422*4A* + DTA119A71

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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	59	63	67	71	
750	MBh	26.8	27.2	28.0	-	26.6	26.9	27.7	-	25.9	26.2	27.0	-	24.7	25.0	25.8	-	23.2	23.6	24.4	-	21.8	22.2	23.0	-	
	S/T	0.58	0.51	0.38	-	0.59	0.52	0.38	-	0.62	0.54	0.41	-	1.00	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.63	0.50	-	
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	
	kW	1.96	1.96	1.95	-	2.21	2.21	2.20	-	2.49	2.49	2.48	-	2.79	2.79	2.79	-	3.13	3.13	3.12	-	3.53	3.52	3.52	-	
	Amps	7.1	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-	12.2	12.2	12.1	-	13.9	13.9	13.9	-	
	Hi PR	272	273	275	-	315	316	318	-	360	361	363	-	408	409	411	-	460	462	464	-	516	517	519	-	
70	Lo PR	125	126	130	-	132	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-	
	MBh	27.2	27.6	28.4	-	27.0	27.4	28.2	-	26.3	26.6	27.5	-	25.1	25.4	26.2	-	23.6	24.0	24.8	-	22.2	22.6	23.4	-	
	S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-	
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-	
	kW	1.98	1.97	1.97	-	2.23	2.22	2.22	-	2.51	2.50	2.50	-	2.81	2.81	2.80	-	3.15	3.14	3.14	-	3.54	3.54	3.54	-	
	Amps	7.2	7.2	7.1	-	8.2	8.2	8.2	-	9.5	9.5	9.4	-	10.8	10.8	10.7	-	12.2	12.2	12.2	-	14.0	14.0	13.9	-	
1010	Hi PR	275	276	278	-	318	319	321	-	363	364	366	-	411	412	414	-	463	464	466	-	519	520	522	-	
	Lo PR	127	129	132	-	135	136	139	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-	
	MBh	27.7	28.1	28.9	-	27.5	27.9	28.7	-	26.8	27.2	28.0	-	25.6	26.0	26.8	-	24.1	24.5	25.3	-	22.8	23.1	23.9	-	
	S/T	0.69	0.62	0.49	-	0.70	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	14	11	-	16	15	12	-	
	kW	1.99	1.99	1.98	-	2.24	2.24	2.23	-	2.52	2.52	2.51	-	2.82	2.82	2.81	-	3.16	3.16	3.15	-	3.55	3.55	3.55	-	
1010	Amps	7.2	7.2	7.2	-	8.3	8.3	8.3	-	9.5	9.5	9.5	-	10.8	10.8	10.8	-	12.3	12.3	12.3	-	14.0	14.0	14.0	-	
	Hi PR	277	278	280	-	320	321	323	-	365	366	368	-	414	415	417	-	466	467	469	-	522	523	525	-	
	Lo PR	129	131	134	-	137	139	142	-	144	145	148	-	149	151	154	-	155	156	160	-	162	163	167	-	
	MBh	26.8	27.2	28.0	29.2	26.6	27.0	27.8	29.0	25.9	26.3	27.1	28.3	24.7	25.0	25.9	27.1	23.2	23.6	24.4	25.6	21.8	22.2	23.0	24.3	
	S/T	0.71	0.64	0.50	0.36	0.72	0.64	0.51	0.37	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	1.00	0.63	0.48	
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	22	21	17	14	
750	MBh	26.8	27.2	28.0	29.2	26.6	27.0	27.8	29.0	25.9	26.3	27.1	28.3	24.7	25.0	25.9	27.1	23.2	23.6	24.4	25.6	21.8	22.2	23.0	24.3	
	S/T	0.71	0.64	0.50	0.36	0.72	0.64	0.51	0.37	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	1.00	0.63	0.48	
	ΔT	21	20	17	14	21	20	17	14	22	20	17	14	21	20	17	14	21	19	16	13	22	21	17	14	
	kW	1.96	1.96	1.95	1.97	2.21	2.21	2.20	-	2.49	2.49	2.48	2.50	2.79	2.79	2.79	2.78	2.80	3.13	3.13	3.12	3.14	3.52	3.52	3.54	3.54
	Amps	7.1	7.1	7.1	7.1	8.2	8.2	8.1	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	13.9	13.9
	Hi PR	272	273	275	280	315	316	318	323	360	361	363	368	408	410	412	416	461	462	464	469	516	518	520	524	
75	Lo PR	125	126	130	135	133	134	137	143	139	141	144	149	145	146	150	155	152	155	156	160	157	159	162	167	
	MBh	27.2	27.6	28.4	29.6	27.0	27.4	28.2	29.4	26.3	26.7	27.5	28.7	25.1	25.5	26.3	27.5	23.6	24.0	24.8	26.0	22.3	22.6	23.4	24.7	
	S/T	0.79	0.71	0.58	0.44	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56	
	ΔT	20	19	16	12	20	19	15	12	20	19	16	13	20	19	15	12	20	18	15	12	21	19	16	13	
	kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.24	2.50	2.50	2.50	2.52	2.81	2.80	2.82	2.81	3.14	3.14	3.14	3.16	3.54	3.54	3.55	3.55	
	Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.5	9.4	9.4	9.5	10.8	10.8	10.8	10.8	10.9	12.2	12.2	12.2	12.3	14.0	13.9	14.0	14.0
75	Hi PR	275	276	278	283	318	319	321	326	363	364	366	371	411	412	414	419	49	152	157	153	154	157	163	164	170
	Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	149	152	157	153	154	157	163	159	161	164	170	
	MBh	27.7	28.1	28.9	30.1	27.5	27.9	28.7	29.9	26.8	27.2	28.0	29.2	25.6	26.0	26.8	28.0	24.1	24.5	25.3	26.5	22.8	23.1	23.9	25.2	
	S/T	0.82	0.75	0.61	0.47	1.00	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.69	0.54	1.00	1.00	0.74	0.59		
	ΔT	19	18	15	11	19	18	15	11	19	18	15	12	19	18	15	11	19	17	14	11	20	18	15	12	
	kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.52	2.52	2.51	2.53	2.82	2.81	2.80	2.81	2.83	3.16	3.15	3.15	3.17	3.55	3.55	3.57	3.57
1010	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.3	14.0	14.0	14.1	14.1
	Hi PR	277	279	281	285	320	322	323	328	365	367	368	373	414	415	417	422	466	467	471	471	519	520	522	527	
	Lo PR	129	131	134	140	137	139	142	147	144	145	149	154	149	151	154	159	155	156	160	165	162	163	167	172	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp+fan)

EXPANDED COOLING DATA — GSXS6S3010A* / CAPEA2422*4A* + DTA119A71 (CONT.)

IDB	AIRFLOW	65°F										75°F										85°F										Outdoor Ambient Temperature										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	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
750	MBh	27.0	27.3	28.1	29.4	26.7	27.1	27.9	29.1	26.0	26.4	27.2	28.4	24.8	25.2	26.0	27.2	23.3	23.7	24.5	25.7	22.0	22.4	23.2	24.4																										
	S/T	1.00	0.76	0.63	0.49	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61																										
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18																										
	kW	1.96	1.95	1.97	2.21	2.21	2.20	2.22	2.49	2.48	2.49	2.48	2.50	2.79	2.79	2.79	2.80	3.13	3.13	3.12	3.14	3.53	3.52	3.52	3.54																										
	Amps	7.1	7.1	7.1	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.1	12.2	13.9	13.9	13.9	14.0																										
	Hi PR	273	274	276	280	315	317	323	360	362	364	368	409	410	412	417	461	462	464	469	517	518	520	525																											
80	MBh	27.4	27.7	28.5	29.8	27.1	27.5	28.3	29.5	26.4	26.8	27.6	28.8	25.2	25.6	26.4	27.6	23.7	24.1	24.9	26.2	22.4	22.8	23.6	24.8																										
	S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.86	0.73	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68																										
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17																										
	kW	1.98	1.97	1.97	1.99	2.23	2.22	2.22	2.24	2.51	2.50	2.50	2.52	2.81	2.81	2.80	2.82	3.15	3.14	3.14	3.16	3.54	3.54	3.54	3.55																										
	Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.5	9.5	9.5	9.5	10.8	10.8	10.7	10.8	12.2	12.2	12.3	12.2	14.0	14.0	13.9	14.0																										
	Hi PR	275	276	278	283	318	319	321	326	363	364	366	371	412	413	415	420	464	465	467	472	520	521	523	528																										
1010	MBh	27.9	28.3	29.1	30.3	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	27.6	28.1	24.3	24.6	25.4	26.7	22.9	23.3	24.1	25.3																									
	S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.72	0.68																										
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	24	22	19	16																										
	kW	1.99	1.99	1.98	2.00	2.24	2.24	2.23	2.25	2.52	2.52	2.51	2.52	2.82	2.82	2.81	2.83	3.16	3.15	3.15	3.17	3.55	3.55	3.55	3.57																										
	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.5	10.8	10.8	10.7	10.7	12.3	12.3	12.3	12.2	14.0	14.0	14.1	14.1																										
	Hi PR	278	279	281	286	321	322	324	329	366	367	369	374	414	416	417	422	467	468	470	474	522	524	525	530																										
880	MBh	27.4	27.8	28.6	29.8	27.2	27.5	28.3	29.6	26.5	26.8	27.6	28.9	25.3	25.6	26.4	27.7	23.8	24.2	25.0	26.2	22.4	22.8	23.6	24.8																										
	S/T	1.00	0.86	0.73	0.59	1.00	1.00	0.73	0.59	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.71	0.68																										
	ΔT	28	27	24	20	28	27	23	20	28	27	24	21	28	27	23	23	28	27	23	23	20	29	27	24	21																									
	kW	1.97	1.96	1.96	1.98	2.22	2.21	2.21	2.23	2.49	2.49	2.49	2.51	2.80	2.80	2.79	2.81	3.13	3.13	3.13	3.15	3.53	3.53	3.52	3.54																										
	Amps	7.1	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.5	10.5	10.7	10.7	12.3	12.3	12.3	12.2	14.0	14.0	14.1	14.1																										
	Hi PR	274	275	277	282	317	318	320	325	362	363	365	370	410	411	413	418	464	466	468	473	521	522	524	529																										
85	MBh	27.8	28.2	29.0	30.2	27.6	28.0	28.8	30.0	26.9	27.3	28.1	29.3	25.7	26.1	26.9	28.1	24.2	24.6	25.0	26.2	22.8	23.2	24.0	25.3																										
	S/T	1.00	0.93	0.80	0.66	1.00	0.81	0.67	0.59	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.85	0.73	1.00	1.00	0.78	0.74																										
	ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	22	27	25	22	22	29	26	23	20																										
	kW	1.98	1.98	1.97	1.99	2.23	2.23	2.23	2.24	2.51	2.51	2.50	2.52	2.81	2.81	2.80	2.83	3.15	3.15	3.15	3.16	3.55	3.55	3.54	3.56																										
	Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.7	10.7	12.3	12.3	12.3	12.2	14.0	14.0	14.1	14.1																										
	Hi PR	277	278	280	284	320	321	323	327	365	366	368	372	413	414	416	421	465	466	468	473	521	522	524	529																										
1010	MBh	28.3	28.7	29.5	30.7	28.1	28.5	29.3	30.5	27.4	27.8	28.6	29.8	26.2	26.6	27.4	27.8	23.7	24.2	25.0	26.2	22.4	22.8	23.6	24.8																										
	S/T	1.00	0.97	0.84</																																															

EXPANDED COOLING DATA — GSXS6S3610A* / CAPEA3026*4A* + DTA119A71

		OUTDOOR AMBIENT TEMPERATURE										115°F							115°F						
		65°F					75°F					85°F					95°F			105°F			115°F		
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
850	MBh	32.3	32.7	33.7	-	32.0	32.4	33.4	-	31.1	31.6	32.6	-	29.7	30.1	31.1	-	27.9	28.4	29.3	-	26.3	26.7	27.7	-
	S/T	0.59	0.51	0.38	-	0.60	0.52	0.39	-	0.62	0.55	0.41	-	1.00	0.57	0.43	-	1.00	0.59	0.45	-	1.00	0.64	0.50	-
	ΔT	17	15	12	-	17	15	12	-	17	16	13	-	17	15	12	-	17	15	12	-	18	16	13	-
	kW	2.67	2.67	2.66	-	3.01	3.01	3.00	-	3.39	3.39	3.38	-	3.80	3.80	3.80	-	4.26	4.26	4.25	-	4.80	4.80	4.79	-
	Amps	9.5	9.5	9.4	-	11.0	11.0	10.9	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	16.4	16.4	16.4	-	18.8	18.7	18.7	-
	Hi PR	280	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	475	476	478	-	532	534	536	-
70	MBh	32.8	33.2	34.2	-	32.5	32.9	33.9	-	31.6	32.1	33.1	-	30.2	30.6	31.6	-	28.4	28.9	29.8	-	26.8	27.2	28.2	-
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-
	ΔT	16	14	11	-	16	14	11	-	16	14	12	-	16	14	11	-	15	14	11	-	16	15	12	-
	kW	2.69	2.69	2.68	-	3.03	3.03	3.03	-	3.41	3.41	3.41	-	3.83	3.82	3.82	-	4.29	4.28	4.28	-	4.82	4.82	4.82	-
	Amps	9.6	9.6	9.5	-	11.1	11.0	11.0	-	12.7	12.7	12.7	-	14.5	14.5	14.5	-	16.5	16.5	16.5	-	18.8	18.8	18.8	-
	Hi PR	283	284	286	-	328	329	331	-	374	375	377	-	424	425	427	-	478	479	481	-	535	537	539	-
70 1000	MBh	33.4	33.9	34.8	-	33.1	33.6	34.5	-	32.3	32.7	33.7	-	30.8	31.3	32.2	-	29.0	29.5	30.5	-	27.4	27.9	28.8	-
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.57	-	1.00	0.75	0.62	-
	ΔT	15	13	10	-	15	13	10	-	15	13	11	-	15	13	10	-	15	13	10	-	16	14	11	-
	kW	2.71	2.71	2.70	-	3.05	3.05	3.04	-	3.43	3.43	3.42	-	3.84	3.84	3.83	-	4.30	4.30	4.29	-	4.84	4.84	4.83	-
	Amps	9.7	9.6	9.6	-	11.1	11.1	11.1	-	12.8	12.8	12.8	-	14.6	14.6	14.5	-	16.6	16.6	16.5	-	18.9	18.9	18.9	-
	Hi PR	286	287	289	-	330	332	333	-	377	378	380	-	427	428	430	-	481	482	484	-	538	539	541	-
1150	MBh	32.3	32.8	33.7	35.2	32.0	32.5	33.4	34.9	31.2	31.6	32.6	34.1	29.7	30.2	31.1	32.6	27.9	28.4	29.4	30.8	26.3	26.8	27.7	25.9
	S/T	0.72	0.64	0.51	0.37	0.73	0.65	0.51	0.37	1.00	0.68	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.72	0.58	0.44	1.00	1.00	0.63	0.52
	ΔT	20	19	16	13	20	19	16	13	20	19	16	13	20	19	16	13	20	18	16	13	21	19	17	15
	kW	2.67	2.67	2.66	2.69	3.01	3.01	3.00	3.03	3.39	3.39	3.38	3.41	3.80	3.80	3.79	3.82	4.26	4.26	4.25	4.28	4.80	4.80	4.79	3.98
	Amps	9.5	9.5	9.4	9.6	11.0	10.9	10.9	11.0	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.7	15.2
	Hi PR	281	282	284	289	325	326	328	333	371	373	375	379	421	423	424	429	475	476	478	483	533	534	536	533
1150 1000	MBh	32.8	33.3	34.2	35.7	32.5	33.0	33.9	35.4	31.7	32.1	33.1	34.6	30.2	30.7	31.6	33.1	28.4	28.9	29.9	31.3	26.8	27.3	28.2	26.3
	S/T	0.80	0.72	0.58	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.60
	ΔT	19	18	15	12	19	18	15	12	19	18	15	12	19	18	15	12	19	17	14	11	20	18	15	14
	kW	2.69	2.69	2.68	2.71	3.03	3.03	3.02	3.05	3.41	3.41	3.40	3.43	3.82	3.82	3.81	3.84	4.28	4.28	4.27	4.30	4.82	4.82	4.81	3.99
	Amps	9.6	9.6	9.5	9.6	11.1	11.0	11.0	11.1	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	18.8	18.8	18.8	15.2
	Hi PR	283	285	287	292	328	329	331	336	374	375	377	382	424	425	427	432	478	479	481	486	536	537	539	536
75	MBh	33.4	33.9	34.8	36.3	33.1	33.6	34.6	36.0	32.3	32.7	33.7	35.2	30.8	31.3	32.3	33.7	29.1	29.5	30.5	32.0	27.4	27.9	28.9	26.9
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.69	0.55	1.00	1.00	0.75	0.63	0.63
	ΔT	18	17	14	11	18	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	14	13
	kW	2.71	2.71	2.70	2.73	3.05	3.04	3.07	3.09	3.43	3.43	3.42	3.45	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.83	4.01
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.6	16.6	16.6	16.5	16.6	18.9	18.9	18.9	15.3
	Hi PR	286	287	289	294	331	332	334	339	377	378	380	385	427	430	435	481	482	484	489	538	540	542	539	536
1150 1000	MBh	33.0	33.5	34.4	35.9	32.7	33.2	34.2	35.7	31.0	31.5	32.5	34.0	29.7	30.2	31.1	32.6	28.4	28.9	29.9	31.3	26.8	27.3	28.2	26.3
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.69	0.55	1.00	1.00	0.75	0.63	0.63
	ΔT	18	17	14	11	18	17	14	11	18	17	14	11	18	17	14	11	18	16	14	11	19	17	14	13
	kW	2.71	2.71	2.70	2.73	3.05	3.04	3.07	3.09	3.43	3.43	3.42	3.45	3.84	3.84	3.83	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.83	4.01
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.6	16.6	16.6	16.5	16.6	18.9	18.9	18.9	15.3
	Hi PR	130	131	134	140	137	139	142	147	144	145	149	151	149	151	154	160	155	157	160	165	162	163	167	172

DB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp+fan)

EXPANDED COOLING DATA — GSXS6S3610A* / CAPEA3026*4A* + DTA119A71 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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	59	63	67	71
850	Mbh	32.5	32.9	33.9	35.4	32.2	32.6	33.6	35.1	31.3	31.8	32.8	34.2	29.9	30.3	31.3	32.8	28.1	28.6	29.5	31.0	26.5	26.9	27.9	26.0
	S/T	1.00	0.77	0.63	0.49	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.65
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	23	22	19	16	24	23	20	19
	kW	2.67	2.67	2.66	2.69	3.01	3.01	3.00	3.03	3.39	3.39	3.38	3.41	3.80	3.80	3.79	3.82	4.26	4.25	4.28	4.80	4.80	4.79	4.79	3.98
	Amps	9.5	9.5	9.4	9.6	11.0	11.0	10.9	11.0	12.6	12.6	12.7	14.4	14.4	14.4	14.4	14.5	16.4	16.4	16.5	16.5	18.7	18.7	18.7	15.2
	Hi PR	281	282	284	289	325	327	329	333	372	373	375	422	423	425	430	476	477	479	484	533	534	536	534	534
80 1000	Lo PR	125	127	130	135	133	135	138	143	140	141	144	150	145	147	150	155	151	152	156	161	158	159	163	168
	Mbh	33.0	33.4	34.4	35.9	32.7	33.1	34.1	35.6	31.8	32.3	33.3	34.7	30.4	30.8	31.8	33.3	28.6	29.1	30.0	31.5	27.0	27.4	28.4	26.5
	S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.73
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	15	22	21	19	18	23	22	19	18
	kW	2.69	2.69	2.68	2.71	3.03	3.02	3.05	3.41	3.41	3.41	3.43	3.82	3.82	3.82	3.84	4.28	4.28	4.30	4.82	4.82	4.82	4.82	3.99	
	Amps	9.6	9.6	9.5	9.7	11.1	11.0	11.0	11.1	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.6	18.8	18.8	18.8	18.8	15.2	
1150	Hi PR	284	285	287	292	328	330	331	336	375	376	378	425	426	428	433	479	480	482	487	536	537	539	537	537
	Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	148	149	152	158	153	155	158	163	160	162	165	170
	Mbh	33.6	34.0	35.0	36.5	33.3	33.8	34.7	36.2	32.5	32.9	33.9	35.4	31.0	31.5	32.4	33.9	29.2	29.7	30.6	32.1	27.6	28.1	29.0	27.0
	S/T	1.00	0.88	0.75	0.60	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.77	
	ΔT	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	21	20	17	14	22	21	18	17
	kW	2.71	2.71	2.70	2.73	3.05	3.04	3.07	3.43	3.43	3.42	3.45	3.84	3.84	3.84	3.86	4.30	4.30	4.29	4.32	4.84	4.84	4.84	4.84	4.01
1150	Amps	9.7	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.8	12.9	14.6	14.6	14.5	14.5	14.7	16.6	16.6	16.7	16.7	18.9	18.9	18.9	15.3
	Hi PR	287	288	290	295	331	332	334	339	377	379	381	427	429	431	436	481	483	485	489	539	540	542	539	539
	Lo PR	130	132	135	140	138	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	162	164	167	173
	Mbh	33.0	33.5	34.4	35.9	32.7	33.2	34.1	35.6	31.9	32.3	33.3	34.8	30.4	30.9	31.8	33.3	28.6	29.1	30.1	31.5	27.0	27.5	28.4	26.5
	S/T	1.00	0.87	0.74	0.59	1.00	1.00	0.74	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.75	
	ΔT	27	25	22	19	27	25	22	19	27	25	22	20	27	25	22	19	26	25	22	19	27	26	23	22
850	Mbh	2.68	2.67	2.67	2.70	3.02	3.01	3.04	3.40	3.40	3.39	3.42	3.81	3.81	3.81	3.80	4.27	4.27	4.26	4.29	4.81	4.81	4.81	4.81	3.98
	Amps	9.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	18.8	18.8	18.8	18.8	15.2
	Hi PR	282	284	286	290	327	328	330	335	373	374	376	423	424	426	431	477	478	480	485	535	536	538	535	535
	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	153	154	157	163	160	161	164	170	
	Mbh	33.5	34.0	34.9	36.4	33.2	33.7	34.6	36.1	32.4	32.8	33.8	35.3	30.9	31.4	32.3	33.8	29.1	29.6	30.6	32.0	27.5	28.0	28.9	26.9
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.74	0.74	1.00	1.00	0.83	
85 1000	ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	25	24	21	18	26	25	22	21
	kW	2.70	2.70	2.69	2.72	3.04	3.03	3.06	3.42	3.42	3.41	3.44	3.83	3.83	3.83	3.82	3.85	4.29	4.28	4.31	4.83	4.83	4.83	4.83	4.00
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.6	16.6	18.9	18.9	18.9	18.9	15.3
	Hi PR	285	287	288	293	330	331	333	338	376	377	379	426	427	429	434	480	481	483	488	537	539	541	538	538
	Lo PR	129	131	134	140	137	139	142	147	144	145	148	154	151	154	159	155	156	160	165	162	163	167	172	
	Mbh	34.1	34.6	35.6	37.0	33.8	34.3	35.3	36.7	33.0	33.5	34.4	35.9	31.5	32.0	33.0	34.4	29.8	30.2	31.2	32.7	28.1	28.6	29.6	27.5
1150	S/T	1.00	0.98	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	0.78	1.00	1.00	1.00	0.87	
	ΔT	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	24	23	20	17	25	24	21	20
	kW	2.72	2.71	2.71	2.73	3.06	3.05	3.07	3.44	3.43	3.43	3.46	3.85	3.85	3.85	3.87	4.31	4.30	4.33	4.85	4.85	4.85	4.85	4.01	
	Amps	9.7	9.7	9.6	9.8	11.2	11.2	11.1	11.2	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.7	16.7	18.9	18.9	18.9	18.9	15.3
	Hi PR	288	289	291	296	332	334	336	340	379	380	382	429	430	432	437	483	484	486	491	540	541	543	541	541
	Lo PR	132	134	137	142	140	141	144	150	146	148	151	156	152	153	157	157	162	159	167	164	166	169	174	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

MBh = Total system power

Amps = outdoor unit amps (comp+fan)

EXPANDED COOLING DATA — GSXS6S4210A*/CAPE4860*4A* + DTA119A71

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										105°F					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	59				
1120	MBh	40.1	40.7	41.9	-	39.7	40.3	41.5	-	38.7	39.2	40.4	-	36.9	37.4	38.6	-	34.7	35.2	36.4	-	30.6	31.1	32.2	-	
	S/T	0.58	0.51	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	1.00	0.62	0.49	-	
	ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	22	20	16	-	
	kW	3.18	3.18	3.17	-	3.62	3.61	3.61	-	4.10	4.10	4.09	-	4.63	4.63	4.62	-	5.22	5.22	5.21	-	5.26	5.26	5.25	-	
	Amps	12.4	12.4	12.3	-	14.3	14.2	14.2	-	16.4	16.4	16.3	-	18.7	18.7	18.6	-	21.2	21.2	21.2	-	21.4	21.4	21.4	-	
	Hi PR	268	270	271	-	311	312	314	-	355	356	358	-	403	404	406	-	455	456	458	-	501	502	504	-	
70	MBh	40.7	41.3	42.5	-	40.4	40.9	42.1	-	39.3	39.9	41.1	-	37.5	38.1	39.3	-	35.3	35.9	37.1	-	31.2	31.7	32.8	-	
	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	-	0.73	0.65	0.52	-	1.00	0.70	0.56	-	
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	20	18	15	-	
	kW	3.21	3.21	3.20	-	3.65	3.64	3.63	-	4.13	4.13	4.12	-	4.66	4.66	4.65	-	5.25	5.25	5.24	-	5.29	5.28	5.28	-	
	Amps	12.5	12.5	12.4	-	14.4	14.4	14.3	-	16.5	16.5	16.5	-	18.8	18.8	18.7	-	21.4	21.3	21.3	-	21.5	21.5	21.5	-	
	Hi PR	271	272	274	-	314	315	317	-	358	359	361	-	406	407	409	-	458	459	461	-	504	505	507	-	
70	MBh	41.5	42.1	43.3	-	41.1	41.7	42.9	-	40.1	40.7	41.9	-	38.3	38.9	40.1	-	36.1	36.6	37.8	-	31.9	32.4	33.6	-	
	S/T	0.70	0.62	0.49	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.73	0.60	-	
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	19	17	14	-	
	kW	3.23	3.23	3.22	-	3.67	3.67	3.66	-	4.16	4.15	4.14	-	4.68	4.68	4.67	-	5.27	5.27	5.26	-	5.31	5.30	5.30	-	
	Amps	12.6	12.6	12.5	-	14.5	14.5	14.4	-	16.6	16.6	16.6	-	18.9	18.9	18.8	-	21.5	21.4	21.4	-	21.6	21.6	21.6	-	
	Hi PR	274	275	277	-	316	318	319	-	361	362	364	-	409	410	412	-	460	461	463	-	507	508	510	-	
1520	MBh	40.1	40.7	41.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.1	32.3	32.4	
	S/T	0.71	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48
	ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17	
	kW	3.18	3.18	3.17	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.63	4.62	4.65	5.22	5.21	5.21	5.24	5.26	5.26	5.25	4.91	
	Amps	12.4	12.4	12.3	12.5	14.3	14.2	14.2	14.3	16.4	16.4	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.3	21.4	21.4	21.4	21.4	19.9	
	Hi PR	269	270	272	276	311	312	314	319	356	357	359	363	403	405	406	411	455	456	458	463	501	502	504	504	
1520	MBh	40.7	41.3	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0	
	S/T	0.79	0.71	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56	
	ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	25	23	19	15	
	kW	3.21	3.20	3.20	3.23	3.64	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.65	4.65	4.68	5.25	5.24	5.24	5.27	5.28	5.28	5.28	4.93	
	Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.4	16.4	16.6	18.8	18.8	18.8	18.7	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	
	Hi PR	271	273	275	279	314	315	317	322	358	360	361	366	406	407	409	414	458	459	461	466	504	505	507	507	
75	MBh	41.5	42.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	31.9	32.5	33.6	33.7	
	S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60	
	ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14	
	kW	3.23	3.23	3.22	3.25	3.67	3.66	3.65	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.95	
	Amps	12.6	12.6	12.5	12.7	14.5	14.4	14.4	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0	
	Hi PR	274	275	277	282	317	318	320	324	361	362	364	369	409	410	412	417	461	462	464	468	507	508	510	509	
75	MBh	41.2	41.8	43.0	44.8	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.7	32.3	33.6	33.7	
	S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60	
	ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14	
	kW	3.23	3.23	3.22	3.25	3.67	3.66	3.65	3.69	4.15	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.30	5.30	5.29	4.95	
	Amps	12.6	12.6	12.5	12.7	14.5	14.4	14.4	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0	
	Hi PR	274	275	277	282	317	318	320	324	361	362	364	369	409	410	412	417	461	462	464	468	507	508	510	509	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions
 Shaded area is ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — GSXS6S4210A*/CAPE4860*4A* + DTA119A71 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F													
		65°F						75°F						85°F			95°F			105°F			115°F				
		59		63		67		71		59		63		67		59		63		67		71		59		63	
1120	MBh	40.3	40.9	42.1	43.9	40.0	40.5	41.7	43.6	38.9	39.5	40.7	42.5	37.1	37.7	38.9	40.7	34.9	35.5	36.7	38.5	30.8	31.3	32.5	32.6		
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.56	1.00	1.00	0.74	0.61		
	ΔT	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	18	30	28	25	21		
	kW	3.18	3.18	3.17	3.20	3.62	3.61	3.64	4.10	4.10	4.09	4.13	4.63	4.63	4.62	4.65	5.22	5.22	5.21	5.24	5.26	5.25	5.26	5.25	4.91		
	Amps	12.4	12.4	12.3	12.5	14.3	14.2	14.4	16.4	16.4	16.3	16.5	18.7	18.7	18.6	18.8	21.2	21.2	21.3	21.3	21.4	21.4	21.4	21.4	19.9		
	Hi PR	269	270	272	277	312	313	315	319	356	357	359	364	404	405	407	412	456	457	459	463	502	503	505	504		
80 1320	Lo PR	117	118	121	126	124	126	126	129	134	130	132	135	140	136	137	140	145	141	142	145	150	145	146	149	156	
	MBh	40.9	41.5	42.7	44.5	40.6	41.2	42.4	44.2	39.5	40.1	41.3	43.1	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	31.4	31.9	33.0	33.2		
	S/T	0.91	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.81	0.68		
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	20	17	29	27	23	19		
	kW	3.21	3.21	3.20	3.23	3.65	3.64	3.63	3.67	4.13	4.13	4.12	4.15	4.66	4.66	4.65	4.68	5.25	5.24	5.24	5.27	5.29	5.28	5.28	4.93		
	Amps	12.5	12.5	12.4	12.6	14.4	14.4	14.3	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.7	18.9	21.4	21.3	21.5	21.5	21.5	21.5	21.5	20.0		
1520	Hi PR	272	273	275	280	314	316	317	322	359	360	362	367	407	408	410	414	458	459	461	466	505	506	508	507		
	Lo PR	119	121	124	128	126	128	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	147	148	151	158	
	MBh	41.7	42.3	43.5	45.3	41.4	41.9	43.1	45.0	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.3	36.9	38.1	39.9	32.1	32.7	33.8	33.9		
	S/T	0.95	0.87	0.74	0.60	1.00	0.88	0.74	0.60	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	0.90	0.81	0.67	1.00	1.00	0.85	0.72		
	ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	23	23	19	28	26	22	18		
	kW	3.23	3.23	3.22	3.25	3.67	3.66	3.66	3.69	4.16	4.15	4.14	4.18	4.68	4.68	4.67	4.70	5.27	5.27	5.26	5.29	5.31	5.30	5.30	4.95		
1520	Amps	12.6	12.6	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.8	19.0	21.5	21.4	21.4	21.4	21.6	21.6	21.6	20.1		
	Hi PR	275	276	278	282	317	318	320	325	363	363	365	369	409	411	412	417	461	462	464	469	507	508	510	510		
	Lo PR	121	123	126	131	129	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	149	151	153	160		
	MBh	41.0	41.6	42.8	44.6	40.6	41.2	42.4	44.2	39.6	40.2	41.4	43.2	37.8	38.3	39.5	41.4	35.6	36.1	37.3	39.2	31.4	32.0	33.1	33.2		
	S/T	1.00	0.86	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.84	0.71		
	ΔT	31	29	26	22	31	29	27	22	31	29	26	22	31	29	27	22	29	27	24	21	29	27	31	28		
1120	kW	3.19	3.19	3.18	3.21	3.63	3.62	3.61	3.65	4.11	4.11	4.10	4.14	4.64	4.64	4.63	4.66	5.23	5.23	5.22	5.25	5.27	5.27	5.26	4.91		
	Amps	12.4	12.4	12.4	12.5	14.3	14.3	14.3	14.4	16.4	16.4	16.4	16.5	18.7	18.7	18.7	18.8	21.3	21.3	21.2	21.4	21.4	21.4	21.4	19.9		
	Hi PR	270	272	273	278	313	314	316	321	357	358	360	365	405	406	408	413	457	458	460	465	503	504	506	506		
	Lo PR	119	120	123	128	126	127	130	135	132	134	137	142	137	139	142	147	143	144	147	152	147	148	151	157		
	MBh	41.6	42.2	43.4	45.2	41.3	41.8	43.0	44.9	40.2	40.8	42.0	43.8	38.4	39.0	40.2	42.0	36.2	36.8	38.0	39.8	32.0	32.6	33.7	33.8		
	S/T	1.00	0.93	0.80	0.66	1.00	0.94	0.81	0.67	1.00	0.83	0.69	0.54	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.91	0.78		
85 1320	ΔT	29	28	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	32	31	27	23		
	kW	3.22	3.21	3.21	3.24	3.65	3.65	3.64	3.68	4.14	4.14	4.13	4.16	4.67	4.66	4.66	4.69	5.26	5.25	5.25	5.28	5.29	5.29	5.28	4.94		
	Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.5	16.6	18.8	18.8	18.8	18.9	21.4	21.4	21.3	21.5	21.6	21.6	21.6	20.0		
	Hi PR	273	274	276	281	316	317	319	323	361	363	368	371	409	411	416	420	460	461	463	467	506	507	509	508		
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	141	144	149	145	146	149	154	149	150	153	159			
	MBh	42.4	43.0	44.2	46.0	42.0	42.6	43.8	45.6	41.0	41.6	42.8	44.6	39.2	39.8	41.0	42.8	37.0	37.6	38.8	40.6	32.8	33.3	34.4	34.5		
1520	S/T	1.00	0.97	0.84	0.70	1.00	0.98	0.84	0.70	1.00	0.87	0.73	0.59	1.00	1.00	0.89	0.75	1.00	1.00	0.91	0.77	1.00	1.00	0.95	0.82		
	ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	19	31	29	26	22		
	kW	3.24	3.24	3.23	3.26	3.68	3.67	3.67	3.70	4.16	4.16	4.15	4.19	4.69	4.69	4.68	4.71	5.28	5.28	5.27	5.30	5.31	5.31	5.30	4.96		
	Amps	12.6	12.6	12.6	12.7	14.5	14.5	14.5	14.6	16.6	16.6	16.6	16.7	18.9	18.9	18.9	19.0	21.5	21.5	21.4	21.6	21.6	21.6	21.6	20.1		
	Hi PR	276	277	279	284	318	320	321	326	364	366	371	411	412	414	418	462	463	465	470	508	510	511	511			
	Lo PR	123	125	128	133	130	132	135	140	137	138	141	146	142	143	146	151	147	148	151	156	151	152	155	162		

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

IDB = Entering Indoor Dry Bulb Temperature

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

Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — GSXS6S4810A*/CAPE4860*4A* + DTA119A71

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	59	63	67	71
1170	MBh	45.7	46.3	47.7	-	45.3	45.9	47.3	-	44.1	44.7	46.1	-	42.0	42.7	44.0	-	39.5	40.2	41.5	-	31.7	32.3	33.4	-
	S/T	0.57	0.50	0.36	-	0.57	0.50	0.37	-	0.60	0.53	0.40	-	0.62	0.54	0.41	-	0.64	0.57	0.43	-	0.70	0.62	0.49	-
	ΔT	20	18	15	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	22	20	17	-
	kW	3.83	3.82	3.81	-	4.36	4.36	4.35	-	4.96	4.95	4.95	-	5.60	5.60	5.59	-	6.33	6.32	6.31	-	5.41	5.41	5.40	-
	Amps	15.0	15.0	14.9	-	17.3	17.3	17.2	-	19.9	19.9	19.8	-	22.7	22.7	22.6	-	25.8	25.8	25.8	-	21.8	21.8	21.8	-
	Hi PR	281	282	284	-	325	327	329	-	372	373	375	-	422	423	425	-	476	477	479	-	514	515	517	-
70	MBh	46.4	47.0	48.4	-	46.0	46.6	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.7	-	40.2	40.9	42.2	-	32.3	32.9	34.0	-
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.70	0.56	-
	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	21	19	15	-
	kW	3.86	3.86	3.85	-	4.40	4.39	4.38	-	4.99	4.99	4.98	-	5.64	5.63	5.63	-	6.36	6.36	6.35	-	5.43	5.43	5.42	-
	Amps	15.1	15.1	15.1	-	17.4	17.4	17.4	-	20.0	20.0	20.0	-	22.8	22.8	22.8	-	26.0	26.0	25.9	-	21.9	21.9	21.9	-
	Hi PR	284	285	287	-	328	330	331	-	375	376	378	-	425	426	428	-	479	480	482	-	516	518	520	-
70	Lo PR	117	118	121	-	124	125	128	-	130	131	134	-	135	137	140	-	140	142	145	-	143	145	148	-
	MBh	47.3	47.9	49.3	-	46.8	47.5	48.9	-	45.7	46.3	47.7	-	43.6	44.2	45.6	-	41.1	41.7	43.1	-	33.1	33.6	34.8	-
	S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.73	0.60	-
	ΔT	17	16	12	-	17	15	12	-	18	16	12	-	17	15	12	-	17	15	12	-	20	18	14	-
	kW	3.89	3.88	3.88	-	4.42	4.42	4.41	-	5.02	5.02	5.01	-	5.67	5.66	5.65	-	6.39	6.38	6.37	-	5.45	5.45	5.44	-
	Amps	15.2	15.2	15.2	-	17.6	17.5	17.5	-	20.2	20.1	20.1	-	23.0	22.9	22.9	-	26.1	26.1	26.0	-	22.0	22.0	22.0	-
1590	Hi PR	287	288	290	-	331	332	334	-	378	379	381	-	428	429	431	-	482	483	485	-	519	520	522	-
	Lo PR	119	121	123	-	126	128	130	-	132	134	137	-	137	139	142	-	143	144	147	-	146	147	150	-
	MBh	47.3	47.9	49.3	-	46.8	47.5	48.9	-	45.7	46.3	47.7	-	43.6	44.2	45.6	-	41.1	41.7	43.1	-	33.1	33.6	34.8	-
	S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.73	0.60	-
	ΔT	17	16	12	-	17	15	12	-	18	16	12	-	17	15	12	-	17	15	12	-	20	18	14	-
	kW	3.89	3.88	3.88	-	4.42	4.42	4.41	-	5.02	5.02	5.01	-	5.67	5.66	5.65	-	6.39	6.38	6.37	-	5.45	5.45	5.44	-
1170	MBh	45.7	46.4	47.7	49.8	45.3	45.9	47.3	49.4	44.1	44.7	46.1	48.2	42.0	42.7	44.1	46.1	39.5	40.2	41.5	40.3	31.7	32.3	33.5	33.7
	S/T	0.69	0.62	0.49	0.35	0.70	0.63	0.50	0.36	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.75	0.62	0.48
	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	16	27	25	21	17
	kW	3.82	3.82	3.81	3.85	4.36	4.35	4.35	4.39	4.96	4.95	4.94	4.98	5.60	5.60	5.59	5.63	6.32	6.32	6.31	5.48	5.41	5.40	5.40	5.05
	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.2	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	22.8	22.8	22.8	22.2	21.8	21.8	20.3	
	Hi PR	281	282	284	289	326	327	329	334	372	373	375	380	422	424	426	430	476	478	480	478	514	515	517	515
75	MBh	46.4	47.1	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	43.4	44.8	46.9	40.2	40.9	42.2	40.9	32.3	32.9	34.1	34.2
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	0.79	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.82	0.69	0.55
	ΔT	22	21	17	14	22	20	17	14	23	21	17	14	22	20	17	14	22	20	17	15	25	23	20	16
	kW	3.86	3.85	3.84	3.89	4.39	4.39	4.38	4.42	4.99	4.98	4.98	4.95	5.63	5.63	5.62	5.66	6.36	6.35	6.34	5.51	5.43	5.43	5.42	5.07
	Amps	15.1	15.0	15.2	17.4	17.4	17.4	17.5	17.5	20.0	20.0	20.1	20.1	22.8	22.8	22.8	23.0	26.0	25.9	25.9	22.3	21.9	21.9	20.4	
	Hi PR	284	285	287	292	330	332	337	337	376	378	383	383	425	426	428	433	479	480	480	478	517	518	520	518
1590	MBh	47.3	47.9	49.3	51.4	46.9	47.5	48.9	51.0	45.7	46.3	47.7	49.8	43.6	44.3	45.6	47.7	41.1	41.8	43.1	41.7	33.1	33.6	34.8	34.9
	S/T	0.80	0.73	0.60	0.46	0.81	0.73	0.60	0.47	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.86	0.73	0.59
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	14	24	22	18	15
	kW	3.89	3.88	3.87	3.91	4.42	4.42	4.41	4.45	5.02	5.01	5.00	5.04	5.66	5.66	5.65	5.69	6.38	6.38	6.37	5.53	5.45	5.45	5.44	5.09
	Amps	15.2	15.2	15.2	17.5	17.5	17.5	17.5	17.7	20.1	20.1	20.1	20.1	22.9	22.9	22.9	23.1	26.1	26.0	26.0	22.4	22.0	22.0	20.5	
	Hi PR	287	288	289	290	331	333	335	339	378	379	381	386	428	429	431	436	482	483	485	483	519	521	522	521
	Lo PR	119	121	123	128	126	128	131	135	132	134	137	142	137	139	142	147	143	144	147	149	146	147	150	155

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

SS-GSX6

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

Shaded area is ACCA (TVA) conditions

EXPANDED COOLING DATA — GSXS6S4810A*/CAPE4860*4A* + DTA119A71 (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										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					
1170	MBh	45.9	46.6	48.0	50.0	45.5	46.2	47.5	49.6	44.3	45.0	46.4	48.4	42.3	42.9	44.3	46.4	39.8	40.4	41.8	40.5					
	S/T	0.81	0.74	0.61	0.47	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54					
	ΔT	28	26	22	19	28	26	22	19	28	23	19	28	26	22	19	27	26	22	21	31	29				
	kW	3.83	3.82	3.81	3.85	4.36	4.35	4.35	4.39	4.96	4.95	4.99	5.60	5.60	5.59	5.63	6.33	6.32	6.31	5.48	5.41	5.40				
	Amps	15.0	14.9	14.9	15.1	17.3	17.3	17.4	17.4	19.9	19.9	19.8	20.0	22.7	22.7	22.6	22.8	25.8	25.8	25.8	22.2	21.8	21.8			
	Hi PR	282	283	285	290	326	327	329	334	373	374	376	381	424	424	426	431	477	478	480	478	514	516	516		
80 1380	Lo PR	115	117	120	125	122	124	127	132	129	130	133	138	134	135	138	143	140	143	145	142	143	146	151		
	MBh	46.6	47.3	48.7	50.8	46.2	46.9	48.3	50.3	45.0	45.7	47.1	49.1	43.0	43.6	45.0	47.1	40.5	41.1	42.5	41.1	32.5	33.1	34.3		
	S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.81		
	ΔT	26	25	21	18	26	24	21	18	27	25	21	18	26	24	21	18	26	24	21	19	29	28	24		
	kW	3.86	3.86	3.85	3.89	4.40	4.39	4.38	4.42	4.99	4.99	4.98	5.02	5.64	5.63	5.62	5.67	6.36	6.36	6.35	5.51	5.43	5.43	5.08		
	Amps	15.1	15.1	15.1	15.2	17.4	17.4	17.4	17.6	20.0	20.0	20.0	20.0	22.8	22.8	23.0	23.0	26.0	26.0	25.9	22.3	21.9	21.9	20.4		
1590	Hi PR	285	286	288	293	329	330	332	337	376	377	379	384	426	427	429	434	480	481	483	481	517	518	520	519	
	Lo PR	117	119	122	127	124	126	129	134	131	132	135	140	136	137	140	145	141	142	145	147	144	145	148	153	
	MBh	47.5	48.2	49.5	51.6	47.1	47.8	49.1	51.2	45.9	46.6	47.9	50.0	43.9	44.5	45.9	48.0	41.3	42.0	43.4	41.9	33.3	33.8	35.0	35.1	
	S/T	0.92	0.85	0.72	0.58	1.00	0.85	0.72	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.85	0.71	
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	18	28	26	23	19	
	kW	3.89	3.88	3.87	3.92	4.42	4.42	4.41	4.45	5.02	5.01	5.05	5.67	5.66	5.65	5.69	6.39	6.38	6.37	5.53	5.45	5.45	5.44	5.09		
85 1380	Amps	15.2	15.2	15.2	15.4	17.6	17.5	17.5	17.7	20.1	20.1	20.3	23.0	22.9	22.9	23.1	26.1	26.1	26.0	22.4	22.0	22.0	22.0	20.5		
	Hi PR	287	289	291	296	332	333	335	340	378	380	382	386	430	432	437	482	484	486	484	520	521	523	521		
	Lo PR	120	121	124	129	127	128	131	136	133	134	135	140	138	139	142	147	143	144	147	146	148	150	155		
	MBh	46.7	47.4	48.7	50.8	46.3	47.0	48.3	50.4	45.1	45.8	47.1	49.2	43.1	43.7	45.1	47.2	40.5	41.2	42.6	41.2	32.6	33.2	34.3	34.5	
	S/T	1.00	0.84	0.71	0.57	1.00	0.84	0.71	0.58	1.00	0.87	0.74	0.60	1.00	0.76	0.62	1.00	0.78	0.64	1.00	1.00	0.84	0.70			
	ΔT	31	29	26	23	31	29	26	22	31	30	26	23	31	29	26	22	31	29	26	25	35	33	29	25	
1170	MBh	3.84	3.83	3.82	3.87	4.37	4.37	4.36	4.40	4.97	4.96	4.96	5.00	5.61	5.61	5.61	5.64	6.34	6.33	6.32	5.49	5.42	5.41	5.06		
	kW	15.0	15.0	15.0	15.1	17.3	17.3	17.3	17.5	19.9	19.9	19.9	20.0	22.7	22.7	22.7	22.9	25.9	25.9	25.8	22.2	21.9	21.9	21.8	20.3	
	Amps	283	284	286	291	328	329	331	336	374	375	377	382	424	425	427	432	478	479	481	479	516	517	519	517	
	Hi PR	117	119	121	126	128	133	132	135	130	132	135	140	135	137	140	145	141	142	145	147	144	145	148	153	
	Lo PR	47.4	48.1	49.4	51.5	47.0	47.7	49.0	51.1	45.8	46.5	47.8	49.9	43.8	44.4	45.8	47.9	41.2	41.9	43.3	41.8	33.2	33.8	34.9	35.0	
	MBh	1.00	0.91	0.78	0.64	1.00	0.92	0.78	0.65	1.00	0.94	0.81	0.67	1.00	0.83	0.69	1.00	0.85	0.71	1.00	0.91	0.77				
1590	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	23	33	31	28	24	
	kW	3.87	3.87	3.86	3.90	4.41	4.40	4.39	4.43	5.00	5.00	4.99	5.03	5.65	5.64	5.64	5.68	6.37	6.37	6.36	5.52	5.44	5.44	5.08		
	Amps	15.2	15.1	15.1	15.3	17.5	17.5	17.4	17.6	20.1	20.1	20.0	20.2	22.9	22.9	22.8	23.0	26.0	26.0	26.0	22.3	22.0	22.0	21.9	20.4	
	Hi PR	286	287	289	294	330	332	334	338	377	378	380	385	427	428	430	435	481	482	484	482	518	520	522	520	
	Lo PR	119	121	123	128	126	128	130	135	132	134	137	142	137	139	142	147	143	144	147	149	146	147	150	155	
	MBh	48.3	48.9	50.3	52.4	47.9	48.5	49.9	52.0	46.7	47.3	48.7	50.8	44.6	45.3	46.6	48.7	42.1	42.8	44.1	42.6	33.9	34.5	35.7	35.8	
85	S/T	1.00	0.95	0.82	0.68	1.00	0.95	0.82	0.68	1.00	0.77	0.85	0.71	1.00	0.86	0.73	1.00	0.89	0.75	1.00	0.95	0.81				
	ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	28	27	23	32	30	27	23		
	kW	3.90	3.89	3.89	3.93	4.43	4.43	4.42	4.46	5.03	5.03	5.02	5.06	5.68	5.67	5.66	5.70	6.40	6.39	6.38	5.54	5.46	5.46	5.10		
	Amps	15.3	15.3	15.3	15.4	17.6	17.6	17.5	17.7	20.2	20.2	20.1	20.3	23.0	23.0	23.0	23.1	26.1	26.1	26.1	22.4	22.1	22.1	22.0	20.5	
	Hi PR	289	290	292	297	333	334	336	341	380	381	383	388	430	431	433	438	484	485	487	485	521	522	524	522	
	Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	145	146	147	149	148	149	151	152	157	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions

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

EXPANDED COOLING DATA — GSXS6S6010A*/CAPE4961*4A* + DTA119A71

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												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
1390	MBh	53.8	54.5	56.2	-	53.3	54.1	55.7	-	51.9	52.7	54.3	-	49.5	50.2	51.8	-	41.9	42.6	44.1	-
	S/T	0.55	0.48	0.35	-	0.56	0.49	0.36	-	0.58	0.51	0.38	-	0.60	0.53	0.40	-	0.64	0.56	0.43	-
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	21	19	15	-	20	18	15	-
	kW	4.52	4.52	4.51	-	5.15	5.14	5.13	-	5.85	5.84	5.83	-	6.60	6.59	6.58	-	6.09	6.08	6.08	-
	Amps	17.4	17.4	17.3	-	20.1	20.1	20.1	-	23.2	23.1	23.1	-	26.4	26.4	26.4	-	24.2	24.2	24.2	-
	Hi PR	282	283	285	-	326	327	329	-	373	374	376	-	423	424	426	-	458	459	461	-
70	Lo PR	112	114	117	-	119	121	123	-	125	127	129	-	130	132	135	-	132	134	136	-
	MBh	54.6	55.4	57.0	-	54.1	54.9	56.5	-	52.7	53.5	55.1	-	50.3	51.1	52.7	-	42.7	43.4	44.8	-
	S/T	0.62	0.55	0.42	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	0.71	0.64	0.51	-
	ΔT	18	16	13	-	17	16	13	-	18	16	13	-	17	16	13	-	19	17	14	-
	kW	4.56	4.56	4.55	-	5.19	5.18	5.17	-	5.89	5.88	5.87	-	6.64	6.64	6.62	-	6.12	6.12	6.11	-
	Amps	17.6	17.6	17.5	-	20.3	20.3	20.2	-	23.3	23.3	23.3	-	26.6	26.6	26.5	-	24.4	24.3	24.3	-
1640	Hi PR	285	286	288	-	329	330	332	-	376	377	379	-	426	427	429	-	461	462	464	-
	Lo PR	114	116	119	-	121	123	125	-	127	129	131	-	132	134	137	-	134	136	138	-
	MBh	55.7	56.5	58.1	-	55.2	56.0	57.6	-	53.8	54.6	56.2	-	51.4	52.1	53.7	-	43.6	44.3	45.8	-
	S/T	0.66	0.59	0.46	-	0.66	0.59	0.47	-	0.69	0.62	0.49	-	0.71	0.63	0.51	-	0.75	0.67	0.54	-
	ΔT	16	15	12	-	16	15	11	-	17	15	12	-	16	15	11	-	18	16	13	-
	kW	4.60	4.59	4.58	-	5.22	5.22	5.21	-	5.92	5.91	5.90	-	6.67	6.67	6.66	-	6.15	6.14	6.13	-
1890	Amps	17.7	17.7	17.7	-	20.4	20.4	20.4	-	23.5	23.5	23.4	-	26.8	26.7	26.7	-	24.5	24.5	24.4	-
	Hi PR	287	289	291	-	332	333	335	-	379	380	382	-	429	430	432	-	464	465	467	-
	Lo PR	117	118	121	-	123	125	128	-	129	131	134	-	135	136	139	-	136	138	141	-
	MBh	55.7	56.5	58.1	-	55.2	56.0	57.6	-	53.8	54.6	56.2	-	51.4	52.1	53.7	-	43.6	44.3	45.8	-
	S/T	0.66	0.59	0.46	-	0.66	0.59	0.47	-	0.69	0.62	0.49	-	0.71	0.63	0.51	-	0.75	0.67	0.54	-
	ΔT	16	15	12	-	16	15	11	-	17	15	12	-	16	15	11	-	18	16	13	-
1390	MBh	53.8	54.6	56.2	58.6	53.3	54.1	55.7	58.2	51.9	52.7	54.3	56.8	49.5	50.3	51.9	54.3	42.0	42.6	44.1	44.7
	S/T	0.67	0.60	0.47	0.34	0.68	0.61	0.48	0.35	0.70	0.63	0.50	0.37	0.72	0.65	0.52	0.39	0.76	0.69	0.56	0.42
	ΔT	23	21	18	14	23	21	18	14	23	21	18	15	23	21	18	14	25	23	20	15
	kW	4.52	4.51	4.50	4.55	5.14	5.14	5.13	5.18	5.84	5.84	5.83	5.87	6.60	6.59	6.58	6.63	6.09	6.08	6.07	5.76
	Amps	17.4	17.4	17.3	17.5	20.1	20.1	20.0	20.2	23.1	23.1	23.1	23.3	26.4	26.4	26.3	26.6	24.2	24.2	24.1	22.8
	Hi PR	282	283	285	290	326	328	330	334	373	374	376	381	423	424	426	431	458	460	461	462
75	Lo PR	112	114	117	121	119	121	123	128	125	127	129	134	130	132	135	139	132	134	136	141
	MBh	54.7	55.4	57.0	59.5	54.2	54.9	56.6	59.0	52.8	53.5	55.1	57.6	50.3	51.1	52.7	55.2	42.7	43.4	44.9	45.5
	S/T	0.74	0.67	0.55	0.41	0.75	0.68	0.55	0.42	0.77	0.70	0.57	0.44	0.79	0.72	0.59	0.46	1.00	0.76	0.63	0.50
	ΔT	21	20	16	13	21	20	16	13	21	20	17	13	21	19	16	13	24	22	18	13
	kW	4.56	4.55	4.54	4.59	5.18	5.18	5.17	5.22	5.88	5.88	5.87	5.91	6.64	6.63	6.62	6.67	6.12	6.11	5.79	5.89
	Amps	17.6	17.5	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.2	23.5	26.6	26.6	26.5	26.7	24.3	24.3	24.1	22.9
1640	Hi PR	285	286	288	293	329	331	333	337	376	377	379	384	426	427	429	434	461	462	464	464
	Lo PR	114	116	119	123	121	123	125	130	127	129	131	136	132	134	137	141	134	136	138	143
	MBh	55.7	56.5	58.1	60.6	55.2	56.0	57.6	60.1	53.8	54.6	56.2	58.7	51.4	52.2	53.8	56.2	43.7	44.4	45.8	46.4
	S/T	0.78	0.71	0.58	0.45	0.79	0.71	0.59	0.45	0.81	0.74	0.61	0.48	1.00	0.76	0.63	0.50	1.00	0.80	0.67	0.54
	ΔT	20	19	15	12	20	18	15	12	20	19	16	12	20	18	15	12	22	20	17	14
	kW	4.59	4.59	4.58	4.62	5.22	5.21	5.20	5.25	5.91	5.91	5.90	5.95	6.67	6.66	6.65	6.70	6.14	6.14	6.13	5.82
1890	Amps	17.7	17.7	17.6	17.8	20.4	20.4	20.6	20.6	23.5	23.4	23.4	23.6	26.7	26.7	26.7	26.9	24.5	24.4	24.4	23.0
	Hi PR	288	289	291	296	332	333	335	340	379	380	382	387	429	430	432	437	464	465	467	467
	Lo PR	117	118	121	123	125	126	128	133	129	131	134	139	135	136	139	144	136	138	141	147

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

IDB = Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

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

EXPANDED COOLING DATA — GSXS6S6010A*/CAPE4961*4A* + DTA119A71 (CONT.)

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
1390	MBh	54.1	54.9	56.5	58.9	53.6	54.4	56.0	58.4	52.2	53.0	54.6	57.0	49.8	50.5	52.2	54.6	42.2	42.9	44.3	45.0
	S/T	0.79	0.72	0.59	0.46	0.79	0.72	0.60	0.46	1.00	0.75	0.62	0.49	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.55
	ΔT	26	25	21	18	26	25	21	18	27	25	22	18	26	25	21	18	29	27	24	19
	kW	4.52	4.52	4.51	4.55	5.15	5.14	5.13	5.18	5.84	5.83	5.84	5.88	6.60	6.59	6.58	6.63	6.08	6.08	5.76	5.87
	Amps	17.4	17.4	17.3	17.5	20.1	20.1	20.1	20.3	23.2	23.1	23.1	23.3	26.4	26.4	26.4	26.6	24.2	24.2	22.8	23.3
	Hi PR	282	284	286	290	327	328	330	335	374	375	377	382	424	425	427	432	459	460	462	462
80 1640	Lo PR	113	114	117	122	120	121	124	129	126	127	130	135	131	132	135	140	133	134	137	142
	MBh	54.9	55.7	57.3	59.8	54.5	55.2	56.8	59.3	53.0	53.8	55.4	57.9	50.6	51.4	53.0	55.5	43.0	43.7	45.1	45.7
	S/T	0.86	0.79	0.66	0.53	0.87	0.80	0.67	0.53	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.88	0.75	0.62
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	28	26	22	17
	kW	4.56	4.56	4.55	4.59	5.19	5.18	5.17	5.22	5.88	5.87	5.88	5.92	6.64	6.63	6.62	6.67	6.12	6.11	5.79	5.90
	Amps	17.6	17.6	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.3	23.5	26.6	26.6	26.5	26.7	24.4	24.3	22.9	23.4
1890	Hi PR	285	287	289	293	330	331	333	338	376	378	380	385	427	428	430	435	462	463	465	465
	Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	135	136	139	144
	MBh	56.0	56.8	58.4	60.8	55.5	56.3	57.9	60.4	54.1	54.9	56.5	58.9	51.7	52.4	54.1	56.5	43.9	44.6	46.1	46.6
	S/T	0.90	0.83	0.70	0.56	1.00	0.83	0.70	0.57	1.00	0.85	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.92	0.79	0.66
	ΔT	24	22	19	16	24	22	19	16	24	23	19	16	24	22	19	16	27	25	21	16
	kW	4.60	4.59	4.58	4.63	5.22	5.22	5.20	5.25	5.92	5.91	5.90	5.95	6.67	6.67	6.66	6.70	6.15	6.14	5.82	5.92
1890	Amps	17.7	17.7	17.7	17.9	20.4	20.4	20.6	20.6	23.5	23.4	23.4	23.6	26.7	26.7	26.7	26.9	24.5	24.4	24.4	23.0
	Hi PR	288	289	291	296	333	334	336	341	379	381	383	387	430	431	433	438	464	466	468	468
	Lo PR	117	119	121	126	124	125	128	133	130	131	134	139	135	136	139	144	137	138	141	143
	MBh	55.0	55.8	57.4	59.8	54.5	55.3	56.9	59.4	53.1	53.9	55.5	57.9	50.7	51.4	53.1	55.5	43.0	43.7	45.2	45.8
	S/T	1.00	0.81	0.69	0.55	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.86	0.73	0.60	1.00	0.97	0.85	0.71
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	33	31	28	22
1390	kW	4.53	4.53	4.52	4.57	5.16	5.15	5.14	5.19	5.86	5.85	5.84	5.89	6.61	6.61	6.61	6.64	6.10	6.09	5.77	5.88
	Amps	17.5	17.4	17.4	17.6	20.2	20.1	20.1	20.3	23.2	23.2	23.1	23.3	26.5	26.5	26.5	26.6	24.3	24.2	24.2	22.8
	Hi PR	284	285	287	292	328	329	331	336	375	376	378	383	425	426	428	433	460	461	463	463
	Lo PR	115	116	119	124	121	123	126	130	127	129	132	136	132	134	137	142	134	136	139	143
	MBh	55.8	56.6	58.2	60.7	55.4	56.1	57.7	60.2	54.0	54.7	56.3	58.8	51.5	52.3	53.9	56.4	43.8	44.5	45.9	46.5
	S/T	1.00	0.88	0.76	0.62	1.00	0.89	0.76	0.63	1.00	0.91	0.79	0.65	1.00	0.80	0.78	0.67	1.00	0.95	0.85	0.78
85 1640	ΔT	28	27	24	20	28	27	23	20	29	27	24	20	28	27	23	20	32	30	26	21
	kW	4.57	4.57	4.56	4.61	5.20	5.19	5.18	5.23	5.90	5.89	5.88	5.93	6.65	6.65	6.64	6.68	6.13	6.12	5.80	5.90
	Amps	17.6	17.6	17.6	17.8	20.3	20.3	20.5	20.6	23.4	23.4	23.3	23.5	26.7	26.6	26.6	26.8	24.4	24.4	24.3	23.0
	Hi PR	287	288	290	295	331	332	334	339	378	379	381	386	428	429	431	436	463	464	466	466
	Lo PR	117	118	121	126	123	125	128	132	129	131	134	138	134	136	139	144	136	138	141	145
	MBh	56.9	57.7	59.3	61.7	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.6	53.4	55.0	57.4	44.7	45.4	46.9	47.4
1890	S/T	1.00	0.92	0.79	0.66	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	0.84	0.71	0.67	1.00	0.98	0.89	0.76
	ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	30	29	25	20
	kW	4.61	4.60	4.59	4.64	5.23	5.23	5.22	5.26	5.93	5.92	5.91	5.96	6.68	6.68	6.67	6.72	6.16	6.15	5.83	5.93
	Amps	17.8	17.8	17.7	17.9	20.5	20.5	20.4	20.6	23.5	23.5	23.4	23.7	26.8	26.8	26.7	26.9	24.5	24.5	24.5	23.1
	Hi PR	289	291	293	298	334	335	337	342	381	382	384	389	431	432	434	439	466	467	469	469
	Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	139	140	143	147

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
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Shaded area is AHRI conditions

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

PERFORMANCE DATA FOR STANDARD OPERATING MODE

GSXS6S1810A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

GSXS6S1810A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

GSXS6S2410A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

GSXS6S2410A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE"				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

GSXS6S3010A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

GSXS6S3010A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

GSXS6S3610A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	36,000	26,300	9,700	3,070
80°	35,600	26,500	9,100	3,260
85°	35,100	26,700	8,400	3,450
90°	34,400	26,500	7,900	3,655
95°	33,600	26,200	7,400	3,860
100°	32,700	25,800	6,900	4,090
105°	31,700	25,400	6,300	4,320
110°	28,900	24,200	4,700	4,565
115°	26,000	22,900	3,100	4,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,400	25,600	6,800	3,870

GSXS6S3610A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,000	27,500	10,500	3,300
80°	37,500	27,700	9,800	3,500
85°	37,000	27,800	9,200	3,750
90°	36,200	27,600	8,600	4,000
95°	35,400	27,300	8,100	4,200
100°	34,400	26,900	7,500	4,500
105°	33,400	26,500	6,900	4,700
110°	29,700	24,700	5,000	4,800
115°	26,000	22,800	3,200	4,850
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,600	7,500	4,200

GSXS6S4210A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,400	30,100	12,300	3,630
80°	41,900	30,100	11,800	3,875
85°	41,300	30,100	11,200	4,120
90°	40,400	29,900	10,500	4,385
95°	39,500	29,600	9,900	4,650
100°	38,400	29,200	9,200	4,945
105°	37,300	28,700	8,600	5,240
110°	34,400	27,100	7,300	5,255
115°	31,400	25,400	6,000	5,270
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,100	29,000	9,100	4,650

GSXS6S4210A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	44,500	30,600	13,900	3,900
80°	44,000	30,800	13,200	4,200
85°	43,400	30,900	12,500	4,400
90°	42,500	30,600	11,900	4,700
95°	41,500	30,300	11,200	4,950
100°	39,400	29,200	10,200	5,300
105°	37,300	28,000	9,300	5,600
110°	34,400	26,800	7,600	5,500
115°	31,400	25,500	5,900	5,300
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,000	29,600	10,400	4,950

GSXS6S4810A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	48,300	33,300	15,000	4,380
80°	47,700	33,400	14,300	4,680
85°	47,100	33,400	13,700	4,980
90°	46,100	33,200	12,900	5,300
95°	45,000	32,900	12,100	5,620
100°	42,800	31,700	11,100	5,985
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,855
115°	32,600	26,100	6,500	5,360
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,400	32,100	11,300	5,630

GSXS6S4810A* / AHVE48DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	50,900	33,600	17,300	4,750
80°	50,300	33,800	16,500	5,100
85°	49,700	33,900	15,800	5,400
90°	48,100	33,300	14,800	5,800
95°	46,500	32,600	13,900	6,100
100°	43,500	31,500	12,000	6,200
105°	40,500	30,400	10,100	6,350
110°	36,600	28,300	8,300	5,900
115°	32,600	26,100	6,500	5,400
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	44,900	31,900	13,000	6,100

GSXS6S6010A* / AHVE60DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	56,800	38,100	18,700	5,170
80°	56,100	38,200	17,900	5,520
85°	55,400	38,200	17,200	5,870
90°	54,200	37,900	16,300	6,245
95°	53,000	37,600	15,400	6,620
100°	49,100	35,700	13,400	6,325
105°	45,100	33,800	11,300	6,030
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,770
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,100	36,800	14,300	6,630

GSXS6S6010A* / AHVE60DP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	59,500	39,200	20,300	5,800
80°	58,800	39,400	19,400	6,200
85°	58,000	39,600	18,400	6,600
90°	56,800	39,300	17,500	7,000
95°	55,500	38,900	16,600	7,450
100°	50,300	36,400	13,900	6,800
105°	45,100	33,900	11,200	6,050
110°	40,000	30,900	9,100	5,900
115°	34,900	27,900	7,000	5,800
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	53,500	38,000	15,500	7,450

GSXS601810A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

GSXS601810A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

GSXS602410A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

GSXS602410A* / AHVE24BP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

GSXS603010A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

GSXS603010A* / AHVE36CP1400A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	26,700	21,500	5,200	3,700
115°	25,500	21,200	4,300	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

GSXS603610A* / CAPEA3026*4A* + MBVC1600**-1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	34,700	24,600	10,100	2,610
80°	34,300	24,700	9,600	2,780
85°	33,900	24,700	9,200	2,950
90°	33,200	24,500	8,700	3,130
95°	32,400	24,300	8,100	3,310
100°	31,500	24,000	7,500	3,510
105°	30,600	23,600	7,000	3,710
110°	28,000	22,200	5,800	3,945
115°	25,400	20,800	4,600	4,180
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,200	23,700	7,500	3,310

GSXS603610A* / CAPEA3026*4A* + MBVC1600**-1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,000	26,800	11,200	3,050
80°	37,500	27,000	10,500	3,300
85°	37,000	27,100	9,900	3,450
90°	36,200	26,900	9,300	3,700
95°	35,400	26,600	8,800	3,900
100°	34,400	26,200	8,200	4,100
105°	33,400	25,800	7,600	4,350
110°	29,400	23,400	6,000	4,300
115°	25,400	20,900	4,500	4,200
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,000	8,100	3,900

NORMAL MODE		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	66	52.1	60.1	61.5	59.7	55.2	48.6	47.7
2-ton	67	57.5	59.2	62.4	60.9	56.6	51.1	45.9
2.5-ton	68	56.0	60.2	63.0	62.8	58.0	54.4	46.3
3-ton	68	57.2	59.2	63.2	62.6	58.9	53.6	45.3
3.5-ton	72	58.4	62.7	65.2	68.0	63.7	60.7	48.2
4-ton	72	58.8	62.7	65.0	68.0	64.4	59.9	48.5
5-ton	74	60.0	66.2	67.0	69.8	66.1	60.0	53.5

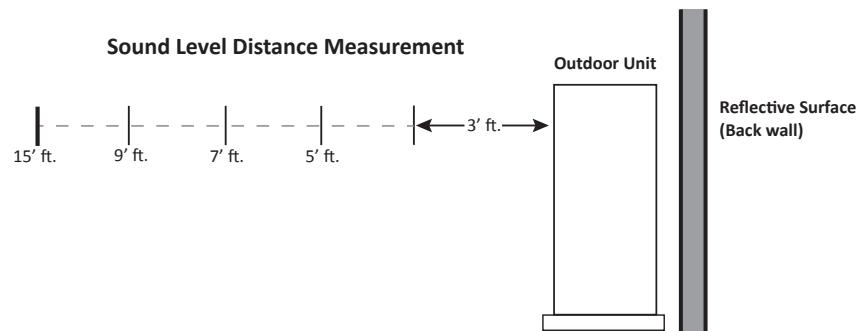
¹Compliant with ISO3744.

SOUND DATA - QUIET MODE

QUIET MODE			
TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) ¹	SOUND PRESSURE LEVEL (dBA) ²
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹Compliant with ISO3744.

²Compliant with JIS B 8616 : 2006.

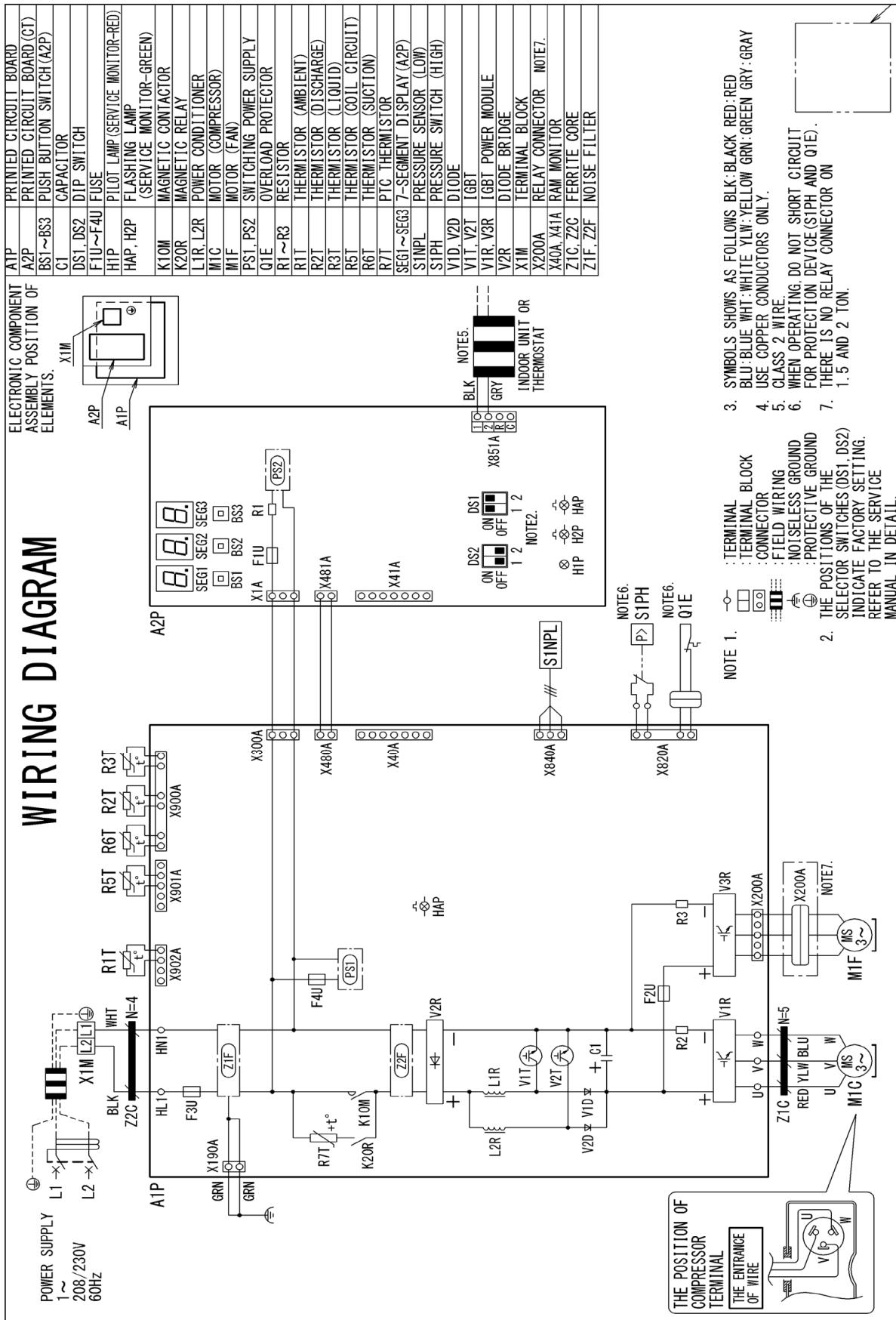


TONNAGE	REFLECTIVE SURFACE QTY.	SOUND PRESSURE (dBA) COOLING MODE ¹				
		3'	5'	7'	9'	15'
1.5-ton	0	59	54	51	49	45
	1	62	57	54	52	48
	2	65	60	57	55	51
2-ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
2.5-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3.5-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
4-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
5-ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59

¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

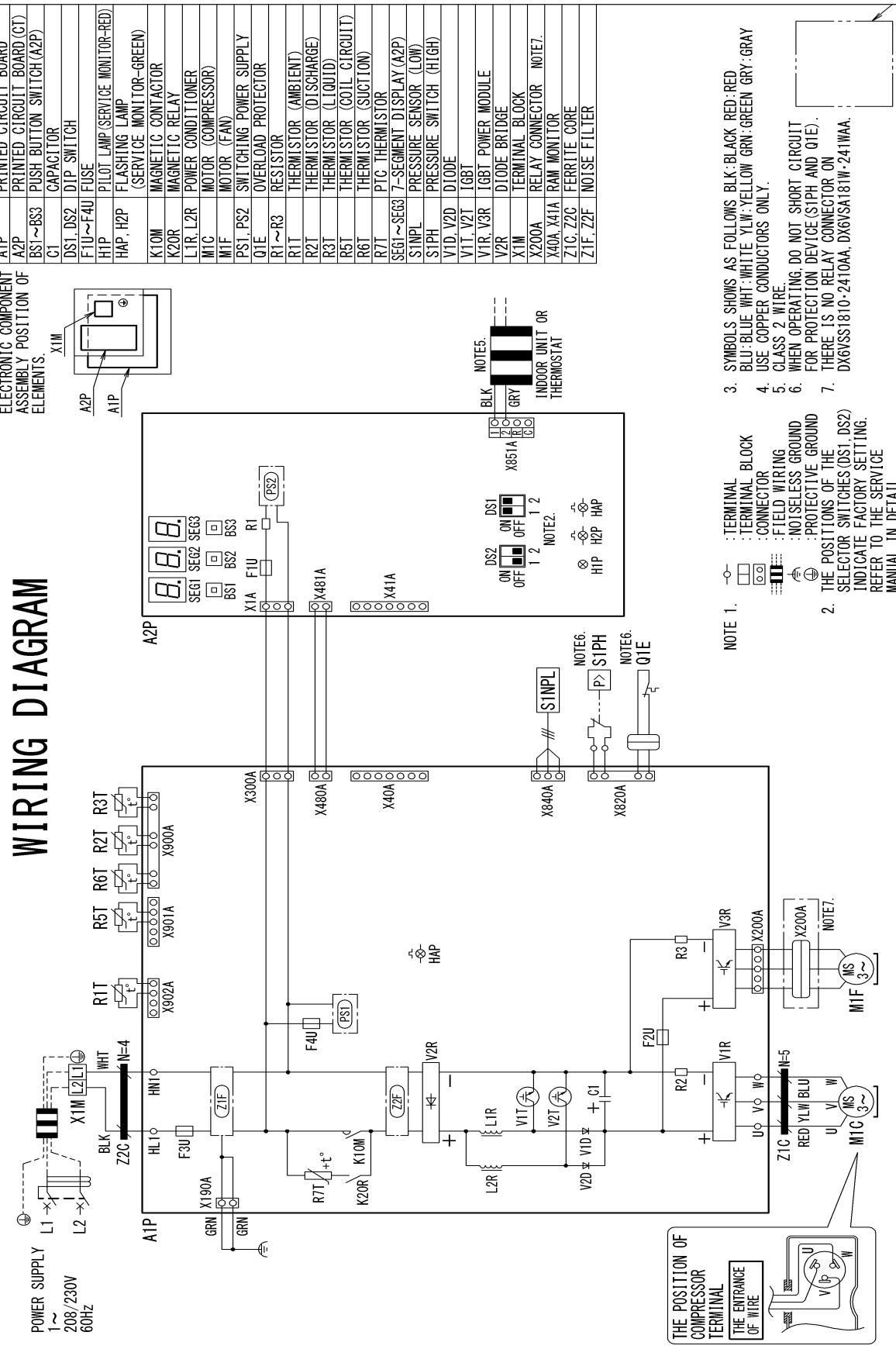
All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

WIRING DIAGRAM



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

WIRING DIAGRAM



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

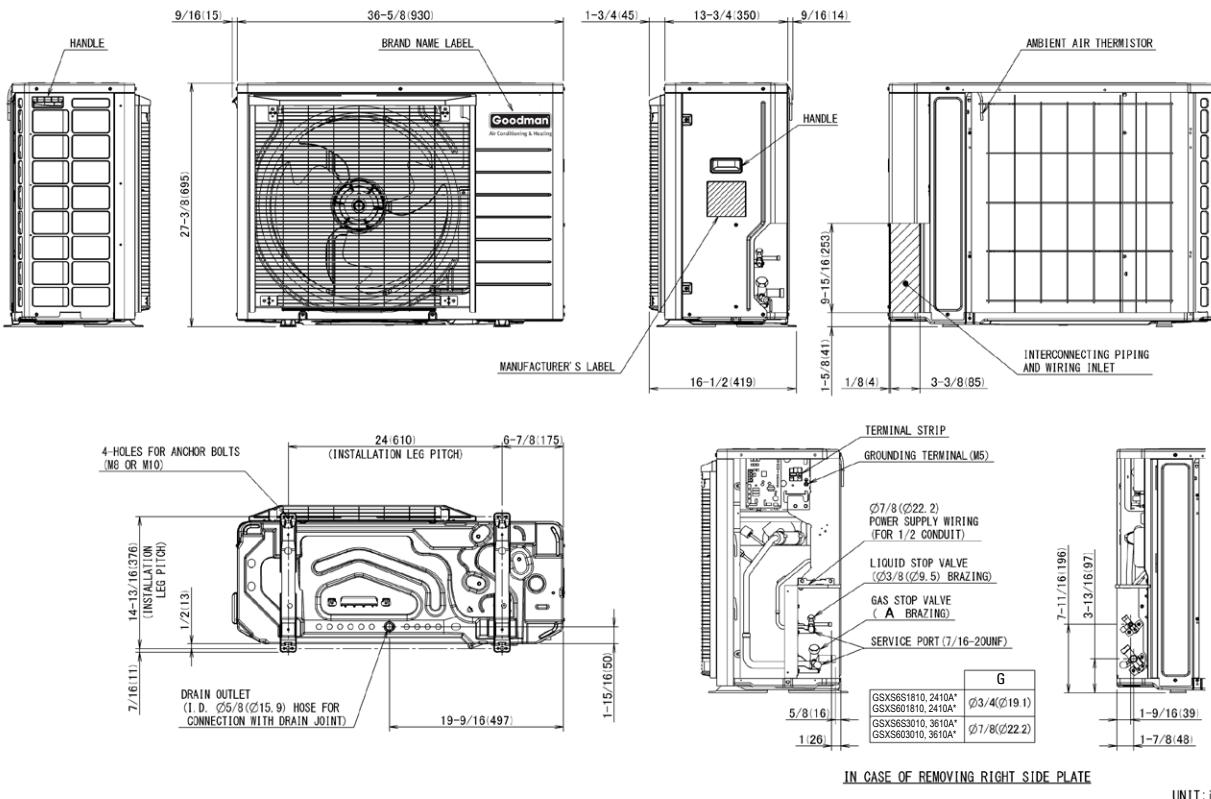


WARNING

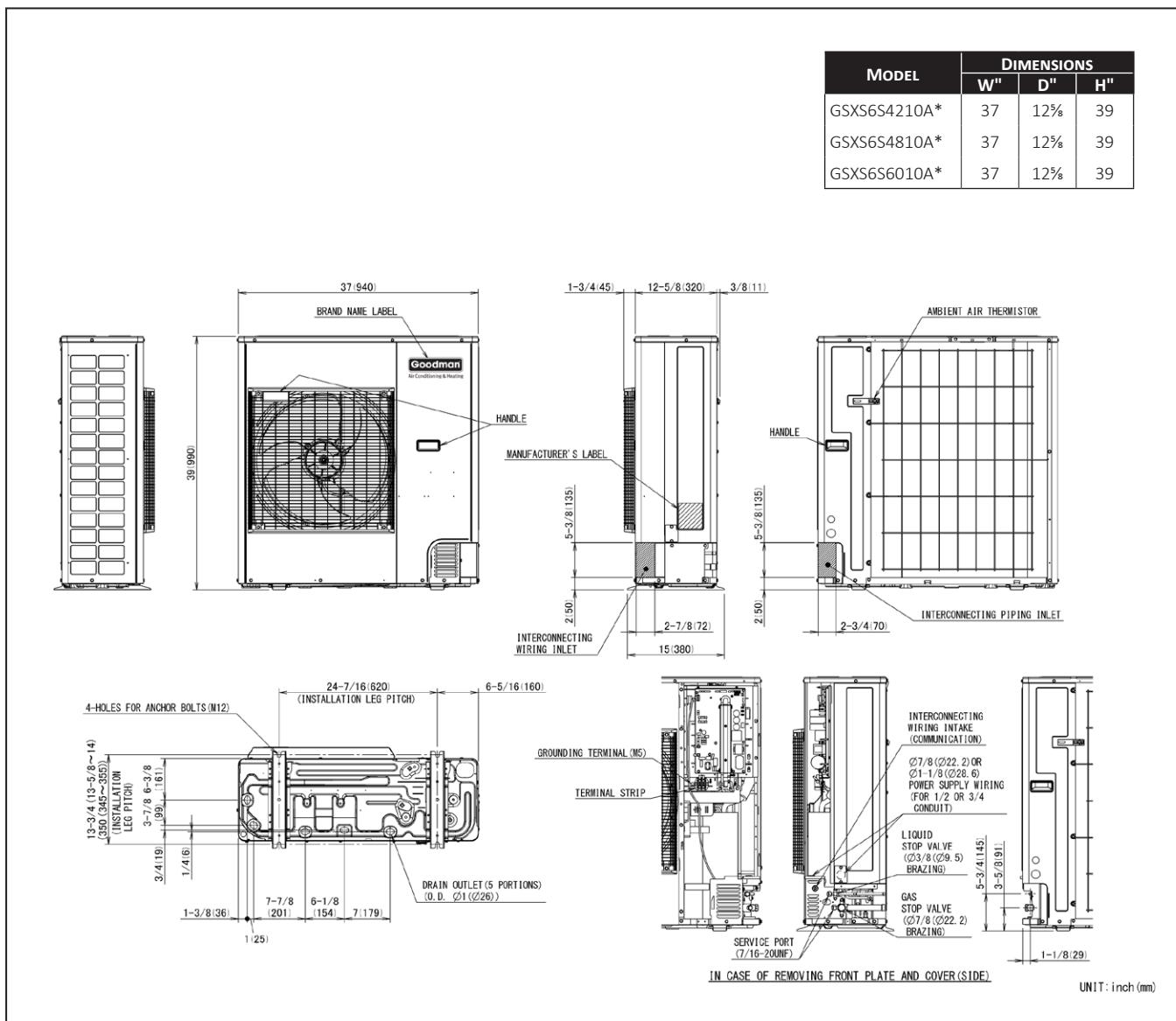
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

DIMENSIONS

MODEL	DIMENSIONS		
	W"	D"	H"
GSXS6S1810A*/GSXS601810A*	36 $\frac{1}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSXS6S2410A*/GSXS602410A*	36 $\frac{1}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSXS6S3010A*/GSXS603010A*	36 $\frac{1}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
GSXS6S3610A*/GSXS603610A*	36 $\frac{1}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$



MODEL	DIMENSIONS		
	W"	D"	H"
GSXS6S4210A*	37	12 $\frac{5}{8}$	39
GSXS6S4810A*	37	12 $\frac{5}{8}$	39
GSXS6S6010A*	37	12 $\frac{5}{8}$	39



ACCESSORIES

MODEL	DESCRIPTION	GSXS6 S1810A*	GSXS6 S2410A*	GSXS6 S3010A*	GSXS6 S3610A*	GSXS6 S4210A*	GSXS6 S4810A*	GSXS6 S6010A*	GSXS6 01810A*	GSXS6 02410A*	GSXS6 03010A*	GSXS6 03610A*
KPW5G112	Wind Baffle	X	X	X	X	X	X	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X	X				X	X	X	X
130-DK-008	Hail Guard					X	X	X				
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X	X	X	X	X
DTA119A71	D24V Gateway	X	X	X	X	X	X	X				

NOTES

NOTES

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

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