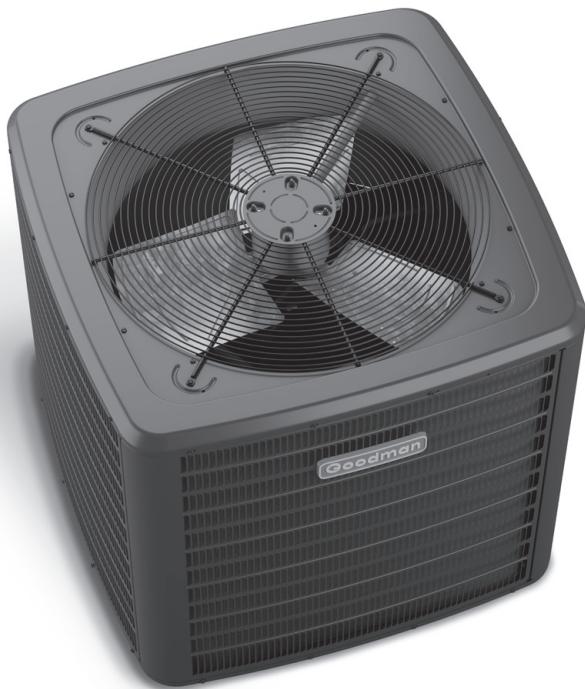




Air Conditioning & Heating

GSXN3

**ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
UP TO 14.5 SEER2 / 1½ TO 5 TONS**



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Standard Features

- Energy-Efficient Compressor
- Copper tube/ enhanced aluminum fin coil-5mm diameter
- Factory-installed filter drier
- Fully charged for 15' of tubing length
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powderpaint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Rust-resistant coated screws
- Single-panel access to controls with space provided for field-installed accessories

10 YEARS
PARTS
LIMITED
WARRANTY*

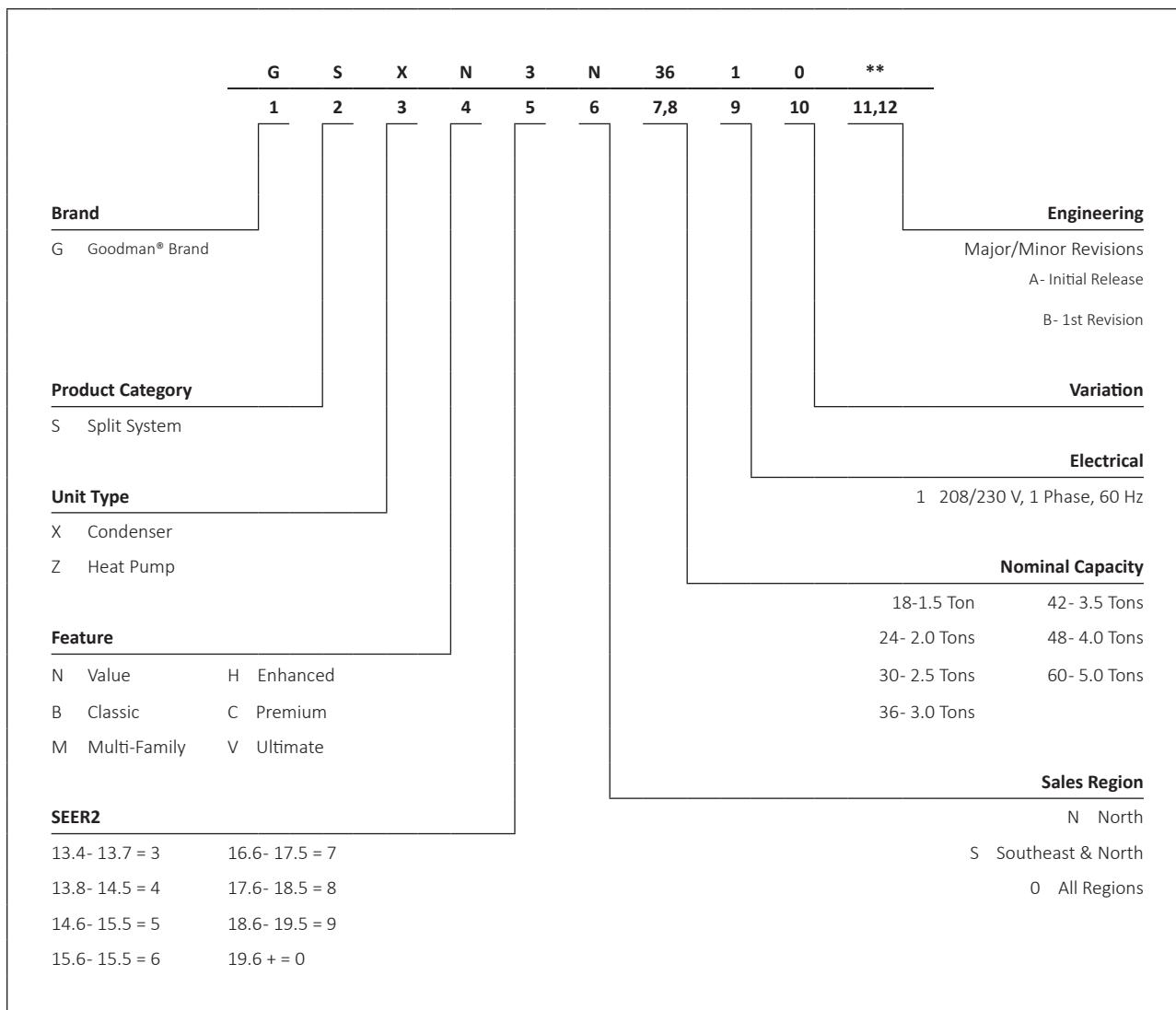


COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
■ ISO 9001 ■
COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
■ ISO 14001 ■



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

NOMENCLATURE



	GSXN3 N1810A*	GSXN3 N2410A*	GSXN3 N3010A*	GSXN3 N3610A*	GSXN3 N4210A*	GSXN3 N4810A*	GSXN3 N6010A*
CAPACITIES							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels (dBA)	73.0	73.0	76.0	71.0	70.0	74.0	74.0
COMPRESSOR							
RLA	6.1	8.4	12.1	14.1	17.7	18.5	25.6
LRA	35.1	41.2	55	87.4	110.2	124	150
Stage	Single						
Type	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Motor Type	PSC						
Horsepower (RPM)	1/8	1/8	1/6	1/6	1/6	1/4	1/4
FLA	0.70	0.70	0.95	0.95	0.95	1.30	1.30
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Suction Valve Size ("O.D.) ^{4 5}	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Valve Type	Sweat						
Refrigerant Charge	65	71	78	71	115	120	130
ELECTRICAL DATA							
Voltage (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	8.3	11.2	16.1	18.6	23.1	24.4	33.3
Max. Overcurrent Protection ³	15	15	25	30	40	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"						
EQUIPMENT WEIGHT (LBS)	117	125	128	153	188	215	227
SHIP WEIGHT (LBS)	130	138	143	168	203	235	247

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

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

³ Installer will need to supply 5/8" to 1 1/8" adapters for suction line connections.

⁴ Unit is factory charged with refrigerant for 15' of 5/8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

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

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

Notes

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

EXPANDED COOLING DATA — GSXN3N1810A* / CA*FA2422*6A*

IDB	AIRELOW	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	
520	Mbh	17.5	17.8	18.3	-	17.4	17.6	18.1	-	16.9	17.2	17.7	-	16.1	16.4	16.9	-	15.2	15.4	16.0	-	14.3	14.6	15.1	-	
	S/T	0.61	0.54	0.41	-	0.61	0.54	0.42	-	0.64	0.57	0.44	-	0.65	0.58	0.46	-	1.00	0.60	0.48	-	1.00	0.65	0.53	-	
	ΔT	19	18	14	-	19	17	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	
	kW	1.12	1.12	1.12	-	1.25	1.24	1.24	-	1.38	1.38	1.38	-	1.53	1.53	1.53	-	1.70	1.70	1.70	-	1.89	1.89	1.89	-	
	Amps	4.1	4.1	4.1	-	4.7	4.6	4.6	-	5.3	5.3	5.3	-	6.0	6.0	5.9	-	6.7	6.7	6.7	-	7.6	7.6	7.6	-	
	Hi PR	235	236	238	-	272	273	275	-	311	312	313	-	352	353	355	-	397	398	400	-	445	446	447	-	
600	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	140	141	144	-	145	146	149	-	151	153	156	-	
	Mbh	17.9	18.1	18.6	-	17.7	18.0	18.5	-	17.3	17.5	18.0	-	16.5	16.7	17.2	-	15.5	15.8	16.3	-	14.7	14.9	15.4	-	
	S/T	0.64	0.57	0.45	-	0.65	0.58	0.46	-	0.67	0.60	0.48	-	0.69	0.62	0.50	-	1.00	0.64	0.52	-	1.00	0.69	0.56	-	
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	12	-	19	17	14	-	
	kW	1.13	1.13	1.13	-	1.25	1.25	1.25	-	1.39	1.39	1.39	-	1.54	1.54	1.54	-	1.71	1.70	1.70	-	1.90	1.90	1.90	-	
	Amps	4.1	4.1	4.1	-	4.7	4.7	4.7	-	5.3	5.3	5.3	-	6.0	6.0	6.0	-	6.8	6.7	6.7	-	7.6	7.6	7.6	-	
675	Hi PR	238	239	240	-	274	275	277	-	313	314	316	-	355	356	357	-	399	400	402	-	447	448	450	-	
	Lo PR	123	125	128	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	
	Mbh	18.3	18.5	19.0	-	18.1	18.4	18.9	-	17.7	17.9	18.4	-	16.9	17.1	17.6	-	15.9	16.2	16.7	-	15.1	15.3	15.8	-	
	S/T	0.65	0.58	0.45	-	0.65	0.58	0.46	-	0.68	0.61	0.48	-	1.00	0.62	0.50	-	1.00	0.64	0.52	-	1.00	0.69	0.57	-	
	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	11	-	18	16	13	-	
	kW	1.13	1.13	1.13	-	1.26	1.26	1.25	-	1.40	1.39	1.39	-	1.54	1.54	1.54	-	1.71	1.71	1.71	-	1.91	1.90	1.90	-	
75	Amps	4.1	4.1	4.1	-	4.7	4.7	4.7	-	5.3	5.3	5.3	-	6.0	6.0	6.0	-	6.8	6.8	6.8	-	7.7	7.7	7.7	-	
	Hi PR	240	241	243	-	277	278	279	-	315	316	318	-	357	358	360	-	402	403	404	-	449	450	452	-	
	Lo PR	126	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	154	-	156	158	161	-	
	Mbh	17.5	17.8	18.3	19.1	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.5	16.1	16.4	16.9	17.7	15.2	15.4	16.0	16.7	14.3	14.6	15.1	15.9	
	S/T	0.73	0.66	0.53	0.4	0.73	0.66	0.54	0.4	1.00	0.68	0.56	0.4	1.00	0.70	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.77	0.65	0.5	
	ΔT	24	22	18	14	24	22	18	14	24	22	18	15	24	22	18	14	23	21	18	14	24	23	19	15	
520	Hi PR	235	238	242.2	272	273	275	279.0	311	312	314	317.6	352	353	355	359.1	397	398	400	403.9	445	446	448	451.7		
	Lo PR	121	122	125	130.2	128	129	132	137.4	134	136	139	143.8	140	141	144	149.1	145	146	149	154.4	151	153	156	161.0	
	Mbh	17.9	18.1	18.6	19.4	17.7	18.0	18.5	19.3	17.3	17.5	18.0	18.8	16.5	16.7	17.3	18.0	15.5	15.8	16.3	17.1	14.7	14.9	15.4	16.2	
	S/T	0.76	0.69	0.57	0.4	0.77	0.70	0.57	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.68	0.6	
	ΔT	22	21	17	13	22	20	17	13	23	21	17	13	22	20	17	13	22	20	17	13	23	21	18	14	
	kW	1.13	1.13	1.13	1.13	1.25	1.25	1.25	1.26	1.39	1.39	1.39	1.40	1.54	1.54	1.53	1.54	1.70	1.70	1.70	1.71	1.90	1.90	1.91	1.91	
600	Amps	4.1	4.1	4.1	4.1	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.0	6.8	6.7	6.7	6.8	7.6	7.6	7.7	7.7	
	Hi PR	238	239	240	244.6	275	276	277	281.4	313	314	316	319.9	355	356	357	361.5	400	401	402	406.2	447	448	450	454.0	
	Lo PR	123	125	128	132.6	130	132	135	139.9	137	138	141	146.2	142	143	146	151.5	147	149	152	156.8	154	158	163.4	-	
	Mbh	18.3	18.5	19.0	19.8	18.1	18.4	18.9	19.7	17.7	17.9	18.4	19.2	16.9	17.1	17.7	18.4	15.9	16.2	16.7	17.5	15.1	15.3	15.8	16.6	
	S/T	0.77	0.70	0.57	0.4	0.77	0.70	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	0.76	0.64	0.5	1.00	1.00	0.69	0.6	
	ΔT	21	20	16	12	21	19	16	12	22	20	16	13	21	19	16	12	21	19	16	12	22	20	17	13	
675	kW	1.13	1.13	1.13	1.13	1.26	1.26	1.25	1.25	1.39	1.39	1.39	1.40	1.54	1.54	1.54	1.54	1.71	1.71	1.71	1.71	1.90	1.90	1.91	1.91	
	Amps	4.1	4.1	4.1	4.2	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.4	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	
	Hi PR	240	241	243	246.9	277	278	280	283.7	316	317	318	322.3	357	358	360	363.8	402	403	404	408.6	450	451	452	456.3	
	Lo PR	126	127	130	135.3	133	134	137	142.5	139	141	144	148.8	145	146	149	154.2	150	151	154	159.5	156	158	161	166.0	
	Mbh	18.3	18.5	19.0	19.8	18.1	18.4	18.9	19.7	17.7	17.9	18.4	19.2	16.9	17.1	17.7	18.4	15.9	16.2	16.7	17.5	15.1	15.3	15.8	16.6	
	S/T	0.77	0.70	0.57	0.4	0.77	0.70	0.58	0.4	1.00	0.72	0.60	0.5	1.00	0.74	0.62	0.5	1.00	0.76	0.64	0.5	1.00	1.00	0.69	0.6	

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

Shaded area reflects ACCA (TVA) conditions

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

EXPANDED COOLING DATA — GSXN3N1810A / CA*FA2422*6A* (CONT.)*

		Outdoor Ambient Temperature														115°F												
		85°F							95°F																			
		65°F		75°F		ENTERING INDOOR WET BULB TEMPERATURE																						
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71							
520	MBh	17.6	17.9	18.4	19.2	17.5	17.7	18.2	19.0	17.0	17.3	17.8	18.6	16.2	16.5	17.0	17.8	15.3	15.5	16.1	16.8							
	S/T	0.84	0.77	0.65	0.5	1.00	0.78	0.65	0.5	1.00	0.80	0.67	0.5	1.00	0.82	0.69	0.6	1.00	1.00	0.71	0.6	1.00						
	ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	18	29						
	kW	1.12	1.12	1.12	1.1	1.25	1.24	1.24	1.3	1.38	1.38	1.38	1.4	1.53	1.53	1.5	1.70	1.70	1.70	1.7	1.89	1.89						
	Amps	4.1	4.1	4.1	4.1	4.7	4.6	4.6	4.7	5.3	5.3	5.3	5.3	6.0	6.0	5.9	6.0	6.7	6.7	6.8	7.6	7.6						
	Hi PR	236	237	239	242.6	273	274	275	279.4	311	312	314	318.0	353	354	355	359.5	398	399	400	404.3	445	446					
80	Lo PR	121	123	126	130.7	128	130	133	138.0	135	136	139	144.3	140	142	145	149.7	145	147	150	154.9	152	153					
	MBh	18.0	18.2	18.7	19.5	17.8	18.1	18.6	19.4	17.4	17.6	18.1	18.9	16.6	16.8	17.3	18.1	15.6	15.9	16.4	17.2	14.8						
	S/T	1.00	0.81	0.68	0.6	1.00	0.81	0.69	0.6	1.00	0.83	0.71	0.6	1.00	0.85	0.73	0.6	1.00	1.00	0.75	0.6	1.00						
	ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	26	24	21	17	27						
	kW	1.13	1.13	1.13	1.14	1.25	1.25	1.25	1.26	1.39	1.39	1.39	1.40	1.54	1.54	1.54	1.70	1.70	1.70	1.71	1.90	1.90						
	Amps	4.1	4.1	4.1	4.1	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.8	6.7	6.7	6.8	7.6	7.6						
80	Hi PR	238	239	241	245.0	275	276	278	281.8	314	315	316	320.4	355	356	358	361.9	400	401	403	406.7	448	449					
	Lo PR	124	125	128	133.2	131	132	135	140.4	137	139	142	146.7	143	144	147	152.1	148	149	152	157.3	154	156					
	MBh	18.4	18.6	19.1	19.9	18.2	18.5	19.0	19.8	17.8	18.0	18.5	19.3	17.0	17.2	17.7	18.5	16.0	16.3	16.8	17.6	15.2						
	S/T	1.00	0.81	0.69	0.6	1.00	0.82	0.69	0.6	1.00	0.84	0.72	0.6	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	0.80						
	ΔT	26	24	20	17	26	24	20	16	26	24	20	17	26	24	20	16	25	23	20	16	27						
	kW	1.13	1.13	1.13	1.14	1.26	1.25	1.25	1.26	1.39	1.39	1.39	1.4	1.54	1.54	1.54	1.71	1.71	1.71	1.71	1.91	1.91						
675	Amps	4.1	4.1	4.1	4.2	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7						
	Hi PR	241	242	243	247.3	277	278	280	284.1	316	317	319	322.7	357	359	360	364.2	402	403	405	409.0	450	451					
	Lo PR	126	128	131	135.8	133	135	138	143.0	140	141	144	149.4	145	147	150	154.7	150	152	155	160.0	157	158					
	MBh	17.9	18.2	18.7	19.5	17.8	18.0	18.5	19.3	17.3	17.6	18.1	18.9	16.5	16.8	17.3	18.1	15.6	15.8	16.3	17.1	14.7						
	S/T	1.00	0.86	0.74	0.6	1.00	0.87	0.74	0.6	1.00	0.77	0.7	0.6	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	0.85						
	ΔT	32	26	22	31	30	26	22	22	32	30	26	23	31	29	26	22	31	29	26	22	32						
520	kW	1.12	1.12	1.12	1.12	1.25	1.24	1.24	1.3	1.39	1.38	1.38	1.4	1.53	1.53	1.53	1.70	1.70	1.70	1.71	1.90	1.89						
	Amps	4.1	4.1	4.1	4.1	4.7	4.6	4.6	4.7	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.7	6.7	6.7	6.8	7.6	7.7						
	Hi PR	237	238	240	243.7	274	275	276	280.5	312	313	315	319.1	354	355	357	360.6	399	400	401	405.4	446	447					
	Lo PR	123	124	127	132.5	130	132	135	139.7	137	138	141	146.1	142	143	146	151.4	147	149	152	156.7	154	158					
	MBh	18.3	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.7	17.9	18.4	19.2	16.9	17.1	17.6	18.4	15.9	16.2	16.7	17.5	15.1						
	S/T	1.00	0.90	0.77	0.6	1.00	0.90	0.78	0.6	1.00	0.80	0.7	0.6	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	0.85						
600	ΔT	30	28	25	21	30	28	25	21	31	29	25	21	30	28	25	21	30	28	25	21	31						
	kW	1.13	1.13	1.13	1.14	1.25	1.25	1.25	1.26	1.39	1.39	1.39	1.40	1.54	1.54	1.54	1.71	1.71	1.71	1.71	1.90	1.91						
	Amps	4.1	4.1	4.1	4.2	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7						
	Hi PR	239	240	242	246.1	276	277	279	282.9	315	316	317	321.5	356	357	359	363.0	401	402	404	407.8	449	450					
	Lo PR	125	127	130	134.9	133	134	137	142.2	139	140	143	148.5	144	146	149	153.9	150	151	154	159.1	156	161.7					
	MBh	18.7	18.9	19.4	20.2	18.5	18.7	19.3	20.1	18.1	18.3	18.8	19.6	17.3	17.5	18.0	18.8	16.3	16.6	17.1	17.9	15.5						
675	S/T	1.00	0.90	0.78	0.6	1.00	0.78	0.7	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.8						
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	24	20	30						
	kW	1.14	1.14	1.14	1.14	1.26	1.26	1.26	1.3	1.40	1.40	1.39	1.4	1.55	1.55	1.55	1.71	1.71	1.71	1.71	1.91	1.90						
	Amps	4.2	4.1	4.1	4.2	4.7	4.7	4.7	4.7	5.3	5.3	5.3	5.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7						
	Hi PR	242	243	244	248.4	278	280	281	285.2	317	318	320	323.8	359	360	361	365.3	403	404	406	410.1	451	452					
	Lo PR	128	129	133	137.6	135	137	140	144.8	142	143	146	151.2	147	148	149	156.5	152	154	157	161.8	159	163					

Amps = outdoor unit amps (comp.+fan)

AUDIT - 100

IDB: Entering Indoor Dry Bulb Temperature

EXPANDED COOLING DATA — GSXN3N2410A*/CA*TA2422*4A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F											
		65°F				75°F				85°F				95°F				ENTERING INDOOR WET BULB TEMPERATURE			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	
750	MBh	23.0	23.3	24.0	-	22.8	23.1	23.8	-	22.2	22.5	23.2	-	21.2	21.5	22.2	-	19.9	20.2	20.9	-	18.7	19.1	19.8	-
	S/T	0.56	0.49	0.36	-	0.56	0.49	0.37	-	0.59	0.52	0.39	-	0.61	0.54	0.41	-	1.00	0.56	0.43	-	1.00	0.60	0.48	-
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
	kW	1.49	1.49	1.49	-	1.65	1.65	1.65	-	1.83	1.83	1.83	-	2.03	2.03	2.02	-	2.25	2.25	2.24	-	2.50	2.50	2.50	-
	Amps	5.1	5.1	5.1	-	5.9	5.9	5.9	-	6.7	6.7	6.7	-	7.6	7.6	7.6	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-
	Hi PR	255	256	258	-	295	296	298	-	337	339	340	-	383	384	386	-	432	433	435	-	484	485	487	-
800	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	-	20.2	20.5	21.2	-	19.0	19.4	20.1	-
	S/T	0.61	0.54	0.42	-	0.62	0.55	0.42	-	0.64	0.57	0.45	-	1.00	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.66	0.53	-
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.50	1.50	1.50	-	1.66	1.66	1.66	-	1.84	1.84	1.84	-	2.04	2.04	2.03	-	2.25	2.25	2.25	-	2.51	2.51	2.51	-
	Amps	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.8	6.7	6.7	-	7.6	7.6	7.6	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-
	Hi PR	257	258	260	-	297	299	300	-	340	341	343	-	385	386	388	-	434	435	437	-	486	487	489	-
900	MBh	23.7	24.0	24.7	-	23.5	23.8	24.5	-	22.9	23.2	23.9	-	21.8	22.1	22.8	-	20.6	20.9	21.6	-	19.4	19.7	20.4	-
	S/T	0.65	0.58	0.45	-	0.65	0.58	0.46	-	0.67	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.64	0.52	-	1.00	0.69	0.56	-
	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
	kW	1.51	1.51	1.50	-	1.67	1.67	1.66	-	1.85	1.85	1.84	-	2.04	2.04	2.04	-	2.26	2.26	2.26	-	2.52	2.52	2.51	-
	Amps	5.2	5.2	5.2	-	6.0	6.0	5.9	-	6.8	6.8	6.8	-	7.7	7.7	7.7	-	8.7	8.7	8.7	-	9.8	9.8	9.8	-
	Hi PR	259	260	262	-	300	301	302	-	342	343	345	-	387	388	390	-	436	437	439	-	488	489	491	-
127	MBh	22.7	22.9	23.2	-	21.5	21.8	22.5	-	20.9	21.2	21.9	-	20.2	20.5	21.2	-	19.9	20.2	20.9	-	19.4	19.7	20.4	-
	S/T	0.65	0.58	0.45	-	0.65	0.58	0.46	-	0.67	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.64	0.52	-	1.00	0.69	0.56	-
	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
	kW	1.51	1.51	1.50	-	1.67	1.67	1.66	-	1.85	1.85	1.84	-	2.04	2.04	2.04	-	2.26	2.26	2.26	-	2.52	2.52	2.51	-
	Amps	5.2	5.2	5.2	-	6.0	6.0	5.9	-	6.8	6.8	6.8	-	7.7	7.7	7.7	-	8.7	8.7	8.7	-	9.8	9.8	9.8	-
	Lo PR	127	129	132	-	135	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	160	164	-
255	MBh	23.0	23.3	24.0	25.1	22.8	23.1	23.8	24.9	22.2	22.5	23.2	24.3	21.2	21.5	22.2	23.2	19.9	20.2	20.9	22.0	18.8	19.1	19.8	20.8
	S/T	0.68	0.61	0.48	0.4	0.68	0.61	0.49	0.4	1.00	0.51	0.4	1.00	0.65	0.53	0.4	1.00	0.67	0.55	0.4	1.00	1.00	0.60	0.5	-
	ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	24	22	19	15
	kW	1.49	1.49	1.49	1.49	1.65	1.65	1.65	1.65	1.83	1.83	1.83	1.83	2.03	2.03	2.02	2.02	2.25	2.24	2.24	2.24	2.3	2.50	2.50	2.5
	Amps	5.1	5.1	5.1	5.1	5.9	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	8.6	8.6	8.6	8.6	9.8	9.8	9.8	9.8
	Hi PR	255	256	258	262.6	296	297	298	302.9	338	339	341	345.0	383	384	386	390.4	432	433	435	439.4	484	485	487	491.6
125	MBh	23.0	23.3	24.0	25.1	23.1	23.4	24.1	25.2	22.5	22.8	23.5	24.6	21.5	21.8	22.5	23.5	20.2	20.5	21.2	22.3	19.1	19.4	20.1	21.1
	S/T	0.73	0.66	0.54	0.4	0.74	0.67	0.54	0.4	1.00	0.69	0.57	1.00	0.71	0.58	0.5	1.00	0.73	0.60	0.5	1.00	1.00	0.65	0.5	-
	ΔT	22	20	17	14	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	23	21	18	14
	kW	1.50	1.50	1.49	1.51	1.66	1.66	1.66	1.67	1.84	1.84	1.84	1.84	2.04	2.03	2.03	2.03	2.25	2.25	2.25	2.26	2.51	2.51	2.51	2.52
	Amps	5.2	5.2	5.2	5.2	5.9	5.9	5.9	6.0	6.7	6.7	6.7	6.8	7.6	7.6	7.6	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8
	Hi PR	257	259	260	264.8	298	299	301	305.0	340	341	343	347.2	385	386	388	392.6	434	435	437	441.6	486	488	489	493.8
127	MBh	23.7	24.0	24.7	25.7	23.5	23.8	24.5	25.5	22.9	23.2	23.9	24.9	21.8	22.2	22.8	23.9	20.6	20.9	21.6	22.6	19.4	19.7	20.4	21.5
	S/T	0.76	0.69	0.57	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.60	0.5	0.74	0.62	0.5	1.00	0.76	0.64	0.5	1.00	1.00	0.68	0.6	-
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	22	20	17	13
	kW	1.51	1.50	1.50	1.50	1.67	1.67	1.66	1.67	1.85	1.84	1.84	1.84	2.04	2.04	2.04	2.04	2.26	2.26	2.26	2.3	2.52	2.51	2.51	2.52
	Amps	5.2	5.2	5.2	5.3	6.0	5.9	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.8	9.8	9.8	9.9	
	Hi PR	260	261	262	266.9	300	301	303	307.1	342	343	345	349.3	387	388	390	394.7	436	437	439	443.7	489	490	491	495.9
127	MBh	23.7	24.0	24.7	25.7	23.5	23.8	24.5	25.5	22.9	23.2	23.9	24.9	21.8	22.2	22.8	23.9	20.6	20.9	21.6	22.6	19.4	19.7	20.4	21.5
	S/T	0.76	0.69	0.57	0.4	1.00	0.70	0.57	0.4	1.00	0.72	0.60	0.5	0.74	0.62	0.5	1.00	0.76	0.64	0.5	1.00	1.00	0.68	0.6	-
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	22	20	17	13
	kW	1.51	1.50	1.50	1.50	1.67	1.67	1.66	1.67	1.85	1.84	1.84	1.84	2.04	2.04	2.04	2.04	2.26	2.26	2.26	2.3	2.52	2.51	2.51	2.52
	Amps	5.2	5.2	5.2	5.3	6.0	5.9	6.0	6.8	6.8	6.														

EXPANDED COOLING DATA — GSXN3N2410A* / CA*TA2422*4A* (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				
750	MBh	23.1	23.5	24.1	25.2	22.9	23.2	23.9	25.0	22.3	22.6	24.4	21.3	21.6	22.3	23.3	20.0	20.3	21.0	22.1	18.9	19.2	19.9	20.9	
	S/T	1.00	0.72	0.60	0.5	1.00	0.73	0.60	0.5	1.00	0.75	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.67	0.5	1.00	1.00	0.71	0.6	
	ΔT	27	25	22	19	27	25	22	18	27	25	22	19	27	25	22	18	27	25	22	18	28	26	23	19
	kW	1.49	1.49	1.49	1.5	1.65	1.65	1.7	1.83	1.83	1.83	1.8	2.03	2.03	2.02	2.0	2.25	2.25	2.24	2.3	2.50	2.50	2.50	2.5	
	Amps	5.1	5.1	5.1	5.2	5.9	5.9	5.9	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.6	8.6	8.6	8.6	8.6	9.8	9.8	9.8	9.8	
	Hi PR	256	257	259	263.1	296	297	299	303.3	338	339	341	345.5	384	385	386	390.9	433	434	439.9	485	486	488	492.1	
80	Lo PR	124	125	128	133.7	131	133	136	141.2	138	139	143	147.8	143	145	148	153.3	149	150	154	158.8	156	157	160	165.6
	MBh	23.4	23.8	24.4	25.5	23.2	23.5	24.2	25.3	22.6	22.6	24.7	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	0.78	0.65	0.5	1.00	0.78	0.66	0.5	1.00	0.81	0.68	0.6	1.00	0.90	0.70	0.6	1.00	0.72	0.6	1.00	1.00	0.77	0.6	
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	21	17	27	22	18	
	kW	1.50	1.50	1.50	1.51	1.66	1.66	1.67	1.84	1.84	1.84	1.85	2.04	2.04	2.04	2.04	2.25	2.25	2.25	2.26	2.51	2.51	2.51	2.52	
	Amps	5.2	5.2	5.2	5.2	5.9	5.9	5.9	6.0	6.7	6.7	6.8	7.6	7.6	7.6	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	
900	Hi PR	258	259	261	265.3	298	299	301	305.5	340	341	343	347.7	386	387	389	393.1	435	436	442.0	487	488	490	494.3	
	Lo PR	126	127	130	135.5	133	135	138	143.0	140	141	144	149.6	145	147	150	155.1	151	152	155	160.6	157	159	162	167.4
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.6	23.0	23.3	24.0	22.0	22.3	23.0	24.0	20.7	21.0	21.7	22.7	19.5	19.9	20.5	21.6	
	S/T	1.00	0.81	0.68	0.6	1.00	0.82	0.69	0.6	1.00	0.84	0.71	0.6	1.00	1.00	0.73	0.6	1.00	0.75	0.6	1.00	1.00	0.80	0.7	
	ΔT	25	23	20	17	25	23	20	16	25	24	20	17	25	23	20	16	25	23	20	16	26	24	21	
	kW	1.51	1.50	1.50	1.51	1.67	1.67	1.66	1.76	1.85	1.84	1.9	2.04	2.04	2.04	2.04	2.26	2.26	2.26	2.26	2.52	2.52	2.51	2.5	
900	Amps	5.2	5.2	5.2	5.3	6.0	6.0	5.9	6.0	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.8	9.8	9.8	9.9	
	Hi PR	260	261	263	267.4	300	301	303	307.6	342	344	345	349.8	388	389	391	395.2	437	438	440	444.1	489	490	492	496.4
	Lo PR	128	129	132	137.5	135	137	140	145.0	142	143	146	151.6	147	149	152	157.1	153	154	157	162.6	159	161	164	169.4

		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				
750	MBh	23.5	23.8	24.5	25.6	23.3	23.6	24.3	25.4	22.7	23.0	23.7	21.7	22.0	22.7	23.7	20.4	20.7	21.4	22.5	19.3	19.6	20.3	21.3	
	S/T	1.00	0.82	0.69	0.6	1.00	0.82	0.70	0.6	1.00	0.75	0.63	0.5	1.00	0.77	0.64	0.5	1.00	0.76	0.6	1.00	1.00	0.71	0.6	
	ΔT	31	29	25	22	30	29	25	22	31	29	26	22	30	29	25	22	30	28	25	22	31	30	26	23
	kW	1.49	1.49	1.49	1.5	1.66	1.65	1.65	1.7	1.84	1.83	1.83	1.8	2.03	2.03	2.03	2.0	2.25	2.25	2.25	2.3	2.51	2.50	2.50	2.5
	Amps	5.2	5.2	5.1	5.2	5.9	5.9	5.9	5.9	6.7	6.7	6.8	7.6	7.6	7.6	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	
	Hi PR	257	258	260	264.3	297	298	300	304.5	339	340	342	346.7	385	386	388	392.1	434	435	437	441.1	486	487	489	493.3
800	Lo PR	126	127	130	135.5	133	135	138	143.0	140	141	144	149.6	145	147	150	155.2	151	152	155	160.6	158	159	162	167.4
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.3	24.0	22.0	22.3	23.0	24.0	20.7	21.0	21.7	22.8	19.6	19.9	20.6	21.6	
	S/T	1.00	0.87	0.75	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.7	
	ΔT	29	28	24	21	29	28	24	21	30	28	25	21	29	28	24	21	29	27	24	21	30	29	25	22
	kW	1.51	1.51	1.51	1.5	1.67	1.67	1.67	1.7	1.85	1.85	1.85	1.9	2.05	2.05	2.04	2.04	2.26	2.26	2.26	2.3	2.52	2.52	2.52	2.5
	Amps	5.2	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9
85	Hi PR	259	260	262	266.5	299	300	302	306.7	342	343	344	348.9	387	388	390	394.3	436	437	439	443.2	488	489	491	495.5
	Lo PR	127	129	132	137.4	135	136	140	144.9	142	143	146	151.4	147	149	152	157.0	153	154	157	162.4	159	161	164	169.2
	MBh	24.2	24.5	25.2	26.2	24.0	24.3	25.0	26.0	23.4	23.7	24.4	25.4	22.3	22.7	23.4	24.4	21.1	21.4	22.1	23.1	19.9	20.2	20.9	22.0
	S/T	1.00	0.90	0.78	0.6	1.00	1.00	0.78	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.8	0.7
	ΔT	29	27	23	20	29	27	23	20	29	27	24	20	29	27	23	20	28	26	23	20	29	28	24	21
	kW	1.52	1.52	1.52	1.53	1.67	1.67	1.67	1.7	1.85	1.85	1.85	1.9	2.05	2.05	2.04	2.04	2.26	2.26	2.26	2.3	2.52	2.52	2.52	2.5
900	Amps	5.2	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9
	Hi PR	261	262	264	268.6	301	303	304	308.8	344	345	347	351.0	389	390	392	396.4	438	439	441	445.3	490			

EXPANDED COOLING DATA — GSXN3N3010A* / CA*FA3626*6A*

IDB	AIRFLOW	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	59	63	67	71				
875	MBh	28.7	29.1	29.9	-	28.4	28.8	29.7	-	27.7	28.1	28.9	-	26.4	26.8	27.6	-	24.8	25.2	26.0	-	23.3	23.7	24.6	-												
	S/T	0.54	0.46	0.33	-	0.54	0.47	0.33	-	0.57	0.49	0.36	-	0.58	0.51	0.38	-	1.00	0.53	0.40	-	1.00	0.58	0.45	-												
	ΔT	20	19	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	15	-	21	19	16	-												
	kW	1.89	1.88	1.88	-	2.10	2.09	2.09	-	2.33	2.33	2.33	-	2.59	2.59	2.58	-	2.87	2.87	2.87	-	3.21	3.20	3.20	-												
	Amps	6.6	6.6	6.6	-	7.6	7.6	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-												
	Hi PR	253	255	256	-	294	295	297	-	336	337	339	-	381	382	384	-	430	431	433	-	482	484	485	-												
70	MBh	29.0	29.4	30.2	-	28.7	29.1	30.0	-	28.0	28.4	29.2	-	26.7	27.1	27.9	-	25.1	25.5	26.4	-	23.6	24.0	24.9	-												
	S/T	0.61	0.53	0.40	-	0.61	0.54	0.41	-	0.64	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.60	0.47	-	1.00	0.66	0.52	-												
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-												
	kW	1.90	1.90	1.89	-	2.11	2.11	2.10	-	2.34	2.34	2.34	-	2.60	2.60	2.59	-	2.88	2.88	2.88	-	3.22	3.22	3.21	-												
	Amps	6.7	6.7	6.6	-	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.8	-	11.2	11.2	11.1	-	12.7	12.7	12.7	-												
	Hi PR	256	257	258	-	296	297	299	-	338	339	341	-	383	385	386	-	432	433	435	-	485	486	487	-												
1000	MBh	29.3	29.7	30.5	-	29.0	29.4	30.3	-	28.3	28.7	29.5	-	27.0	27.4	28.2	-	25.4	25.8	26.6	-	23.9	24.3	25.2	-												
	S/T	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-												
	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-												
	kW	1.91	1.90	1.90	-	2.12	2.11	2.11	-	2.35	2.35	2.35	-	2.61	2.60	2.60	-	2.89	2.89	2.89	-	3.23	3.22	3.22	-												
	Amps	6.7	6.7	6.7	-	7.7	7.7	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-												
	Hi PR	257	258	260	-	297	299	300	-	340	341	343	-	385	386	388	-	434	435	437	-	486	487	489	-												
1105	MBh	29.3	29.7	30.0	-	31.3	31.3	31.3	-	28.4	28.8	29.7	-	27.7	28.1	28.9	-	26.4	26.8	27.7	-	24.8	25.2	26.1	-												
	S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	1.00	0.62	0.49	-	1.00	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.70	0.58	-												
	ΔT	24	22	19	-	24	22	19	-	24	23	19	-	24	22	19	-	24	22	19	-	25	23	20	-												
	kW	1.88	1.88	1.88	-	2.10	2.09	2.10	-	2.33	2.33	2.33	-	2.59	2.58	2.58	-	2.87	2.87	2.86	-	3.20	3.20	3.20	-												
	Amps	6.6	6.6	6.6	-	7.6	7.6	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.7	-												
	Hi PR	254	255	261.1	-	294	295	297	301.3	336	337	339	343.5	382	383	384	388.9	430	432	433	437.8	483	484	490.1	-												
125	MBh	29.3	29.7	30.0	-	31.3	31.3	31.3	-	28.0	28.4	29.3	-	26.7	27.1	28.0	-	29.3	29.3	29.3	-	25.1	25.5	26.4	-												
	S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	1.00	0.62	0.49	-	1.00	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.70	0.58	-												
	ΔT	24	22	19	-	24	22	19	-	24	23	19	-	24	22	19	-	24	22	19	-	25	23	20	-												
	kW	1.89	1.89	1.89	-	2.11	2.10	2.10	-	2.34	2.34	2.34	-	2.60	2.60	2.59	-	2.88	2.88	2.88	-	3.22	3.21	3.23	-												
	Amps	6.7	6.6	6.6	-	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9	11.2	11.2	11.2	11.2	12.7	12.7	12.7	-												
	Hi PR	256	257	259	263.2	296	297	299	303.4	338	339	341	345.6	384	385	387	391.0	433	434	435	439.9	485	486	492.2	-												
124	MBh	29.3	29.7	30.6	-	31.9	30.0	29.4	30.3	31.6	28.3	28.7	29.5	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	-											
	S/T	0.78	0.70	0.57	-	0.78	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.69	0.6												
	ΔT	22	21	17	-	22	20	17	14	23	21	17	14	22	20	17	14	22	20	17	14	23	21	18	14	-											
	kW	1.90	1.90	1.90	-	2.11	2.11	2.11	2.11	2.35	2.35	2.35	2.35	2.61	2.60	2.60	2.60	2.89	2.89	2.89	2.89	3.22	3.22	3.22	3.22	-											
	Amps	6.7	6.7	6.7	-	7.7	7.7	7.6	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9	11.2	11.2	11.2	11.2	12.7	12.7	12.7	12.7	-											
	Hi PR	257	259	260	264.8	298	299	301	305.0	340	341	343	347.2	385	386	388	392.6	434	435	437	441.6	486	488	493.8	-												
127	MBh	29.3	29.7	30.0	-	31.3	29.0	29.4	30.3	31.6	27.7	28.1	28.9	29.5	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	-											
	S/T	0.78	0.70	0.57	-	0.78	0.71	0.58	0.4	1.00	0.73	0.60	0.5	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	1.00	0.69	0.6												
	ΔT	22	21	17	-	22	20	17	14	23	21	17	14	22	20	17	14	22	20	17	14	23	21	18	14	-											
	kW	1.90	1.90	1.90	-	2.11	2.11	2.11	2.11	2.35	2.35	2.35	2.35	2.61	2.60	2.60	2.60	2.89	2.89	2.89	2.89	3.22	3.22	3.22	3.22	-											
	Amps	6.7	6.7	6.7	-	7.7	7.7																														

IDB	AIRFLOW	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			
875	MBh	28.8	29.2	30.1	31.4	28.6	29.0	29.9	31.2	27.8	28.2	29.1	30.4	26.5	26.9	27.8	29.1	24.9	25.4	26.2	27.5	23.5	23.9	24.8	26.1																	
	S/T	1.00	0.71	0.58	0.4	1.00	0.72	0.58	0.4	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	1.00	0.65	0.5	1.00	1.00	0.70	0.6																	
	ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	19	29	27	24	20																	
	kW	1.89	1.88	1.88	1.9	2.10	2.09	2.1	2.33	2.33	2.33	2.3	2.59	2.58	2.58	2.6	2.87	2.87	2.87	2.9	3.21	3.21	3.20	3.20	3.2																	
	Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.5	7.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	12.7																	
	Hi PR	254	255	257	261.5	294	296	297	301.8	301.8	337	338	339	343.9	382	383	385	389.3	431	432	434	438.3	483	484	486	490.5																
80	MBh	123	124	127	132.5	130	132	135	140.0	137	138	141	146.6	142	144	147	152.2	148	149	152	157.6	155	156	156	159	164.4																
	S/T	1.00	0.78	0.65	0.5	1.00	0.79	0.66	0.5	1.00	0.81	0.65	0.5	1.00	1.00	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.6																	
	ΔT	27	25	22	18	27	25	22	18	27	26	22	19	27	25	22	18	27	25	22	18	28	26	23	19																	
	kW	1.90	1.90	1.89	1.91	2.11	2.11	2.10	2.12	2.34	2.34	2.34	2.35	2.60	2.60	2.59	2.61	2.88	2.88	2.89	2.89	3.22	3.22	3.21	3.23																	
	Amps	6.7	6.7	6.6	6.7	7.6	7.6	7.6	7.7	8.7	8.7	8.7	9.8	9.9	9.9	9.9	11.2	11.2	11.1	11.1	12.7	12.7	12.7	12.7	12.7																	
	Hi PR	256	257	259	263.6	297	298	299	303.9	303.9	339	340	342	346.0	384	385	387	391.4	433	434	436	440.4	485	486	488	492.6																
1000	MBh	124	126	129	134.1	132	133	136	141.6	138	140	143	148.2	144	145	148	153.7	149	151	154	159.2	156	158	161	166.0																	
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7																	
	ΔT	26	25	21	18	26	24	21	18	27	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18																	
	kW	1.90	1.90	1.90	1.9	2.12	2.11	2.11	2.1	2.35	2.35	2.35	2.4	2.61	2.60	2.60	2.61	2.89	2.89	2.9	2.9	3.22	3.22	3.21	3.23																	
	Amps	6.7	6.7	6.7	6.7	7.7	7.7	7.6	7.7	8.7	8.7	8.7	9.8	9.9	9.9	9.9	11.2	11.2	11.1	11.1	12.7	12.7	12.7	12.7	12.8																	
	Hi PR	258	259	261	265.3	298	299	301	305.5	301	340	341	343	347.7	386	387	389	393.1	435	436	438	442.0	487	488	490	494.3																
1105	MBh	126	127	130	135.5	133	135	138	143.0	140	141	144	149.6	145	146	147	150	155.1	151	152	155	160.6	157	159	162	167.4																
	S/T	1.00	0.82	0.69	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.75	0.6	1.00	1.00	0.81	0.7																	
	ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	31	30	26	23	33	31	27	24																	
	kW	1.89	1.89	1.88	1.9	2.10	2.10	2.09	2.1	2.34	2.33	2.33	2.3	2.59	2.59	2.59	2.6	2.88	2.87	2.87	2.9	3.21	3.21	3.20	3.2																	
	Amps	6.6	6.6	6.6	6.7	7.6	7.6	7.6	7.6	8.7	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.1	12.7	12.7	12.7	12.7	12.7																	
	Hi PR	255	256	258	262.7	296	297	299	303.0	303.0	338	341	345.1	383	384	386	390.5	432	433	435	439.5	484	485	487	491.7																	
85	MBh	124	126	129	134.4	132	134	137	141.9	139	140	143	148.5	144	146	147	150.0	146	147	150	155.6	151	153	156	161.0	158	159	163	167.8													
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.81	0.7																	
	ΔT	31	29	25	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	31	30	26	23																	
	kW	1.90	1.90	1.90	1.91	2.11	2.11	2.11	2.12	2.35	2.35	2.35	2.36	2.60	2.60	2.60	2.61	2.89	2.89	2.89	2.90	3.22	3.22	3.21	3.23																	
	Amps	6.7	6.7	6.7	6.7	7.6	7.6	7.6	7.7	8.7	8.7	8.7	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.2	12.7	12.7	12.7	12.7	12.8																	
	Hi PR	257	259	260	264.8	298	299	301	305.1	301	340	341	343	347.2	385	386	388	392.6	434	435	437	441.6	486	488	489	493.8																
1105	MBh	126	128	131	136.0	134	135	138	143.5	140	142	143	146	147	149	150.0	147	149	152	157.0	153	154	157	162.4	159	161	164	169.2														
	S/T	1.00	0.92	0.79	0.7	1.00	0.80	0.7	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7																	
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	31	29	25	22																	
	kW	1.91	1.91	1.90	1.9	2.12	2.12	2.11	2.1	2.36	2.35	2.35	2.4	2.61	2.61	2.60	2.61	2.89	2.89	2.89	2.9	3.23	3.23	3.22	3.22																	
	Amps	6.7	6.7	6.7	6.8	7.7	7.7	7.7	7.7	8.8	8.7	8.7	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.2	12.7	12.7	12.7	12.7	12.8																	
	Hi PR	259	260	262	266.5	299	300	302																																		

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IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										95										105									
		65	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		
1050	MBh	34.6	35.1	36.2	-	34.3	34.8	35.9	-	33.4	33.9	34.9	-	31.9	32.3	33.4	-	29.9	30.4	31.5	-	28.2	28.7	29.7	-						
	S/T	0.58	0.50	0.36	-	0.58	0.51	0.37	-	0.61	0.53	0.40	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.63	0.49	-						
	ΔT	21	19	16	-	21	19	16	-	21	19	16	-	21	19	16	-	21	19	15	-	22	20	17	-						
	kW	2.21	2.21	2.21	-	2.47	2.47	2.46	-	2.75	2.75	2.75	-	3.06	3.06	3.06	-	3.41	3.41	3.40	-	3.82	3.81	3.81	-						
	Amps	7.9	7.9	7.8	-	9.0	9.0	9.0	-	10.3	10.3	10.3	-	11.8	11.8	11.7	-	13.3	13.3	13.3	-	15.2	15.2	15.2	-						
	Hi PR	256	257	259	-	296	297	299	-	339	340	341	-	384	385	387	-	433	435	436	-	486	487	489	-						
70	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-						
	S/T	0.67	0.59	0.46	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.58	-						
	ΔT	19	18	14	-	19	17	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-						
	kW	2.23	2.23	2.23	-	2.49	2.49	2.48	-	2.77	2.77	2.77	-	3.08	3.08	3.08	-	3.43	3.43	3.42	-	3.83	3.83	3.83	-						
	Amps	8.0	7.9	7.9	-	9.1	9.1	9.1	-	10.4	10.4	10.4	-	11.9	11.8	11.8	-	13.4	13.4	13.4	-	15.3	15.3	15.3	-						
	Lo PR	124	125	129	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-						
1270	MBh	35.5	36.0	37.0	-	35.2	35.7	36.7	-	34.3	34.8	35.8	-	32.7	33.2	34.3	-	30.8	31.3	32.4	-	29.1	29.6	30.6	-						
	S/T	0.69	0.61	0.48	-	0.69	0.62	0.48	-	0.72	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-						
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-						
	kW	2.24	2.24	2.23	-	2.49	2.49	2.49	-	2.78	2.78	2.77	-	3.09	3.09	3.08	-	3.43	3.43	3.43	-	3.84	3.84	3.83	-						
	Amps	8.0	8.0	8.0	-	9.2	9.1	9.1	-	10.5	10.5	10.4	-	11.9	11.9	11.8	-	13.5	13.5	13.4	-	15.3	15.3	15.3	-						
	Hi PR	260	261	263	-	300	301	303	-	343	344	346	-	388	389	391	-	438	439	440	-	490	491	493	-						
1350	MBh	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	145	151	154	-	156	158	161	-						
	S/T	0.71	0.63	0.49	0.4	0.71	0.64	0.50	0.4	1.00	0.66	0.53	0.4	1.00	0.68	0.54	0.4	1.00	0.70	0.57	0.4	1.00	0.75	0.62	0.5						
	ΔT	25	23	20	16	25	23	20	16	26	24	20	16	25	23	20	16	25	23	20	16	26	24	21	17						
	kW	2.21	2.21	2.20	2.2	2.47	2.47	2.46	2.5	2.75	2.75	2.75	2.8	3.06	3.06	3.06	3.1	3.41	3.41	3.40	3.4	3.81	3.81	3.81	3.8						
	Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.3	10.3	10.4	11.8	11.7	11.7	11.8	13.3	13.3	13.3	13.4	15.2	15.2	15.2	15.3						
	Hi PR	256	257	259	263.3	296	297	299	303.7	339	340	342	346.2	384	386	387	391.8	434	435	437	441.1	486	487	489	493.6						
124	MBh	121	123	126	131.3	129	130	134	138.7	135	137	140	145.2	141	142	146	150.7	146	148	151	156.1	153	155	158	162.9						
	S/T	0.71	0.63	0.49	0.4	0.71	0.64	0.50	0.4	1.00	0.66	0.53	0.4	1.00	0.68	0.54	0.4	1.00	0.70	0.57	0.4	1.00	0.75	0.62	0.5						
	ΔT	25	23	20	16	25	23	20	16	26	24	20	16	25	23	20	16	25	23	20	16	26	24	21	17						
	kW	2.21	2.21	2.20	2.2	2.47	2.47	2.46	2.5	2.75	2.75	2.75	2.8	3.06	3.06	3.06	3.1	3.41	3.41	3.40	3.4	3.81	3.81	3.81	3.8						
	Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.3	10.3	10.4	11.8	11.7	11.7	11.8	13.3	13.3	13.3	13.4	15.2	15.2	15.2	15.3						
	Lo PR	121	123	126	131.3	129	130	134	138.7	135	137	140	145.2	141	142	146	150.7	146	148	151	156.1	153	155	158	162.9						
75	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0						
	S/T	0.80	0.72	0.59	0.4	0.80	0.73	0.59	0.4	1.00	0.75	0.62	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	1.00	0.71	0.6						
	ΔT	24	22	18	14	24	22	18	14	24	22	18	15	24	22	18	14	23	21	18	14	24	23	19	15						
	kW	2.23	2.23	2.22	2.24	2.49	2.48	2.48	2.50	2.77	2.77	2.77	2.79	3.08	3.08	3.08	3.09	3.43	3.43	3.42	3.44	3.83	3.83	3.83	3.85						
	Amps	7.9	7.9	8.0	9.1	9.1	9.1	9.1	9.2	10.4	10.4	10.4	10.5	11.8	11.8	11.8	11.9	13.4	13.4	13.4	13.5	15.3	15.3	15.3	15.3						
	Hi PR	259	260	262	266.3	299	301	302	306.8	342	343	345	349.2	388	389	390	394.9	437	438	440	444.1	489	490	492	496.7						
1350	MBh	35.5	36.0	37.1	38.7	35.2	35.7	36.8	38.3	34.3	34.8	35.8	37.4	32.8	33.2	34.3	35.9	30.8	31.3	32.4	34.0	29.1	29.6	30.6	32.2						
	S/T	0.82	0.74	0.61	0.5	0.82	0.75	0.61	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.73	0.6						
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	24	22	19	15						
	kW	2.24	2.23	2.23	2.2	2.49	2.49	2.49	2.5	2.78	2.78	2.78	2.79	3.09	3.09	3.09	3.1	3.43	3.43	3.43	3.4	3.84	3.84	3.84	3.9						
	Amps	8.0	8.0	7.9	8.0	9.1	9.1	9.1	9.2	10.5	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.4	13.4	13.4	13.5	15.3	15.3	15.3	15.4						
	Hi PR	260	261	263	267.4	300	302	303	307.9	343	344	346	350.3	389	390	391	396.0	438	439	441	445.2	490	491	493	497.7						
	Lo PR	125	126	130	134.7	132	134	137	142.1	139	140	143	148.6	144	146	149	154.1	150	151	153	158.6	156	157	160	165.3						

	IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												95°F	105°F	115°F								
			65°F	63	67	71	59	63	67	71	59	63	67	71											
1050	Mbh	34.8	35.3	36.4	38.0	34.5	35.0	36.1	37.6	33.6	34.1	35.1	36.7	32.1	32.5	33.6	35.2	30.1	30.6	31.7	33.3	28.4	28.9	29.9	31.5
	S/T	0.83	0.76	0.62	0.5	1.00	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.69	0.5	1.00	1.00	0.74	0.6	
	ΔT	30	28	24	20	29	28	24	20	30	28	24	21	29	28	24	20	29	27	24	20	30	28	25	21
	kW	2.21	2.21	2.21	2.2	2.47	2.47	2.46	2.5	2.75	2.75	2.75	2.8	3.06	3.06	3.06	3.1	3.41	3.41	3.40	3.4	3.81	3.81	3.81	3.8
	Amps	7.9	7.9	7.8	7.8	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	10.3	10.3	10.3	10.4	11.8	11.8	11.7	11.8	13.3	13.3	15.2	15.3
	Hi PR	256	257	259	263.7	297	298	300	304.2	339	340	342	346.6	385	386	388	392.3	434	435	437	441.5	487	488	490	494.1
80	Lo PR	122	124	127	131.8	129	131	134	139.2	136	137	141	145.7	141	143	146	151.2	147	148	151	156.6	154	155	158	163.4
	Mbh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1
	S/T	1.00	0.85	0.71	0.6	1.00	0.85	0.72	0.6	1.00	0.88	0.74	0.6	1.00	1.00	0.76	0.6	1.00	0.78	0.6	1.00	1.00	0.84	0.7	
	ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	28	26	22	18	29	27	23	20
	kW	2.23	2.23	2.23	2.25	2.49	2.49	2.48	2.50	2.77	2.77	2.77	2.79	3.08	3.08	3.08	3.10	3.43	3.43	3.42	3.44	3.83	3.83	3.83	3.85
	Amps	8.0	7.9	7.9	8.0	9.1	9.1	9.1	9.1	9.2	10.4	10.4	10.4	10.5	11.8	11.8	11.8	11.9	13.4	13.4	13.5	15.3	15.3	15.3	15.3
1270	Hi PR	259	261	262	266.8	300	301	303	307.3	342	343	345	349.7	388	389	391	395.4	437	438	440	444.6	490	491	493	497.1
	Lo PR	124	126	129	134.3	132	133	137	141.7	138	140	143	148.2	144	145	149	151	154	159.1	156	158	161	165.9		
	Mbh	35.7	36.2	37.2	38.8	35.4	35.9	36.9	38.5	34.5	35.0	36.0	37.6	32.9	33.4	34.5	36.1	31.0	31.5	32.6	34.1	29.3	29.8	30.8	32.4
	S/T	1.00	0.87	0.73	0.6	1.00	0.87	0.74	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	0.80	0.7	1.00	1.00	0.86	0.7	
	ΔT	27	25	22	18	27	25	22	18	28	26	22	18	27	25	22	18	27	25	22	18	28	26	23	19
	kW	2.24	2.24	2.23	2.3	2.49	2.49	2.49	2.5	2.78	2.78	2.77	2.79	3.09	3.09	3.08	3.1	3.43	3.43	3.43	3.4	3.84	3.84	3.83	3.9
1350	Amps	8.0	8.0	8.0	8.0	9.2	9.1	9.1	9.1	9.2	10.5	10.5	10.4	10.5	11.9	11.9	11.8	11.9	13.4	13.4	13.5	15.3	15.3	15.4	
	Hi PR	260	262	263	267.9	301	302	304	308.4	343	344	346	350.8	389	390	392	396.4	438	439	441	445.7	491	492	494	498.2
	Lo PR	125	127	130	135.2	133	134	137	142.7	139	141	144	149.2	145	146	149	154.7	150	152	155	160.1	157	159	162	166.8
	Mbh	35.4	35.9	37.0	38.5	35.1	35.6	36.6	38.2	34.2	34.7	35.7	37.3	32.6	33.1	34.2	35.8	30.7	31.2	32.3	33.9	29.0	29.5	30.5	32.1
	S/T	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.75	0.65	0.5	1.00	1.00	0.77	0.6	1.00	0.79	0.7	1.00	1.00	0.86	0.7	
	ΔT	33	31	28	24	33	31	28	24	33	32	31	28	33	31	28	24	33	31	27	24	34	32	29	25
1050	kW	2.22	2.22	2.21	2.2	2.47	2.47	2.47	2.5	2.76	2.76	2.75	2.8	3.07	3.07	3.06	3.1	3.41	3.41	3.41	3.4	3.82	3.82	3.81	3.8
	Amps	7.9	7.9	7.9	7.9	9.1	9.1	9.1	9.1	9.0	10.4	10.4	10.3	10.4	11.8	11.8	11.8	11.9	13.4	13.4	13.3	15.2	15.2	15.2	15.3
	Hi PR	258	259	260	264.9	298	299	301	305.4	340	342	343	347.8	386	387	389	393.5	435	436	438	442.7	488	489	491	495.3
	Lo PR	124	125	128	133.6	131	133	136	141.1	138	139	142	147.6	143	145	148	153.1	149	150	153	158.5	155	157	160	165.2
	Mbh	36.0	36.5	37.6	39.2	35.7	36.2	36.6	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7
	S/T	1.00	0.95	0.81	0.7	1.00	0.96	0.82	0.7	1.00	0.84	0.7	0.6	1.00	0.86	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8	
85	ΔT	32	30	26	22	32	30	26	22	32	30	26	23	32	30	26	22	31	29	26	22	32	31	27	23
	kW	2.24	2.23	2.23	2.25	2.49	2.49	2.49	2.51	2.78	2.78	2.77	2.79	3.09	3.09	3.08	3.10	3.43	3.43	3.43	3.45	3.84	3.83	3.83	3.85
	Amps	8.0	8.0	7.9	8.0	9.1	9.1	9.1	9.1	9.2	10.5	10.4	10.4	10.5	11.9	11.9	11.9	11.9	13.4	13.4	13.5	15.3	15.3	15.4	
	Hi PR	261	262	264	268.0	301	302	304	308.5	344	345	346	350.9	389	390	392	396.6	438	440	441	445.8	491	492	494	498.3
	Lo PR	126	128	131	136.1	134	135	138	143.5	140	142	145	150.0	146	147	150	155.5	151	153	156	160.9	158	159	162	167.7
	Mbh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.1	35.6	36.6	38.2	33.5	34.0	35.1	36.6	31.6	32.1	33.1	34.7	29.9	30.4	31.4	33.0
1350	S/T	1.00	0.97	0.83	0.7	1.00	0.90	0.84	0.7	1.00	0.86	0.7	0.6	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	32	30	26	23
	kW	2.24	2.24	2.24	2.3	2.50	2.50	2.49	2.5	2.78	2.78	2.77	2.8	3.09	3.09	3.08	3.1	3.44	3.44	3.43	3.45	3.84	3.84	3.84	3.9
	Amps	8.0	8.0	8.0	8.1	9.1	9.2	9.1	9.2	10.5	10.5	10.5	10.5	11.9	11.9	11.9	11.9	12.0	13.5	13.5	13.5	15.3	15.3	15.4	
	Hi PR	262	263	265	269.1	302	303	305	309.6	345	346	347	352.0	390	391	393	397.6	439	441	442	446.9	492	493	495	499.4
	Lo PR	127	129	132	137.1	135	136	139	144.5	141	143	146	151.0	147	148	151	156.5	152	154	157	161.9	159	160	163	168.7

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

Amps = outdoor unit amps (comp+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, AR195 test conditions

EXPANDED COOLING DATA — GSXN3N4210A*/CA*F4961*6A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										115°F														
		65°F					75°F					85°F						95°F								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
1225	MBh	40.1	40.6	41.8	-	39.7	40.3	41.5	-	38.6	39.2	40.4	-	36.8	37.4	38.6	-	34.6	35.2	36.4	-	32.6	33.2	34.4	-	
	S/T	0.58	0.50	0.37	-	0.58	0.51	0.37	-	0.61	0.53	0.40	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.62	0.49	-	
	ΔT	21	19	16	-	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	22	20	16	-	
	kW	2.55	2.55	2.54	-	2.85	2.84	2.84	-	3.18	3.18	3.17	-	3.54	3.54	3.53	-	3.94	3.94	3.94	-	4.42	4.42	4.41	-	
	Amps	9.1	9.0	9.0	-	10.4	10.4	10.4	-	12.0	11.9	11.9	-	13.6	13.6	13.6	-	15.5	15.4	15.4	-	17.6	17.6	17.6	-	
	Hi PR	264	266	267	-	306	307	309	-	350	351	353	-	397	398	400	-	448	449	451	-	502	504	505	-	
70 1460	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	-	33.3	33.8	35.0	-	
	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	0.70	0.57	-	
	ΔT	19	18	14	-	19	17	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	
	kW	2.57	2.57	2.56	-	2.87	2.86	2.86	-	3.20	3.20	3.19	-	3.56	3.56	3.55	-	3.96	3.96	3.96	-	4.44	4.44	4.43	-	
	Amps	9.2	9.1	9.1	-	10.5	10.5	10.5	-	12.0	12.0	12.0	-	13.7	13.7	13.7	-	15.5	15.5	15.5	-	17.7	17.7	17.7	-	
	Lo PR	124	125	129	-	309	310	312	-	353	354	356	-	400	401	403	-	451	452	454	-	505	507	508	-	
1575	MBh	41.1	41.7	42.9	-	40.7	41.3	42.5	-	39.7	40.3	41.5	-	37.9	38.5	39.7	-	35.7	36.2	37.4	-	33.7	34.2	35.4	-	
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-	
	kW	2.58	2.57	2.57	-	2.88	2.87	2.87	-	3.21	3.21	3.20	-	3.57	3.57	3.56	-	3.97	3.97	3.97	-	4.45	4.44	4.44	-	
	Amps	9.2	9.2	9.2	-	10.6	10.5	10.5	-	12.1	12.1	12.1	-	13.7	13.7	13.7	-	15.6	15.6	15.5	-	17.7	17.7	17.7	-	
	Hi PR	269	270	272	-	311	312	314	-	354	356	357	-	402	403	405	-	452	454	455	-	507	508	510	-	
125 125	Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	155	-	157	158	161	-	
1225	MBh	40.1	40.6	41.8	43.7	39.7	40.3	41.5	43.3	38.7	39.2	40.4	42.3	36.9	37.4	38.6	40.5	34.7	35.2	36.4	38.3	32.6	33.2	34.4	36.2	
	S/T	0.70	0.63	0.49	0.4	0.71	0.63	0.50	0.4	1.00	0.66	0.52	0.4	1.00	0.68	0.54	0.4	1.00	0.70	0.57	0.4	1.00	0.62	0.5	0.5	
	ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	25	23	19	16	26	24	21	17	17
	kW	2.55	2.54	2.54	2.6	2.84	2.84	2.84	2.9	3.18	3.18	3.17	3.2	3.54	3.54	3.53	3.6	3.94	3.94	3.93	4.0	4.42	4.41	4.41	4.4	
	Amps	9.0	9.0	9.1	9.1	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.6	13.7	15.4	15.4	15.4	15.5	17.6	17.6	17.6	17.7	
	Hi PR	265	266	268	272.3	306	310	314.1	350	351	353	353	358.0	398	399	401	405.1	448	450	451	456.0	503	504	506	510.3	
75 1460	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	33.9	33.3	34.4	36.9	
	S/T	0.78	0.71	0.58	0.4	0.79	0.72	0.58	0.4	1.00	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.70	0.6	0.6	
	ΔT	24	22	18	14	24	22	18	14	24	22	18	15	24	22	18	14	23	21	18	14	25	23	19	15	
	kW	2.57	2.56	2.56	2.58	2.87	2.86	2.86	2.88	3.20	3.20	3.19	3.21	3.56	3.56	3.55	3.58	3.96	3.96	3.96	3.98	4.44	4.43	4.43	4.45	
	Amps	9.1	9.1	9.1	9.2	10.5	10.5	10.5	10.6	12.0	12.0	12.0	12.1	13.7	13.7	13.7	13.8	15.5	15.5	15.5	15.6	17.7	17.7	17.7	17.8	
	Hi PR	268	269	271	275.2	309	311	312	317.1	353	354	356	360.9	400	402	403	408.1	451	452	459.0	506	507	509	513.3		
75 1575	MBh	41.1	41.7	42.9	44.7	40.8	41.3	42.5	44.4	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.7	34.3	35.5	37.3	
	S/T	0.81	0.73	0.60	0.5	0.81	0.74	0.61	0.5	1.00	0.76	0.63	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.72	0.6	0.6	
	ΔT	23	21	18	14	23	21	17	14	23	21	18	14	23	21	17	14	23	21	17	14	24	22	18	15	
	kW	2.57	2.57	2.57	2.6	2.87	2.87	2.87	2.9	3.21	3.20	3.20	3.2	3.57	3.57	3.56	3.6	3.97	3.97	3.96	4.0	4.44	4.44	4.44	4.5	
	Amps	9.2	9.2	9.1	9.3	10.6	10.5	10.5	10.6	12.1	12.1	12.0	12.1	13.7	13.7	13.7	13.8	15.6	15.6	15.6	15.7	17.7	17.7	17.7	17.8	
	Hi PR	269	270	272	276.6	311	312	314	318.4	355	356	358	362.3	402	403	405	409.5	453	454	456	460.3	507	508	510	514.6	
125 125	Lo PR	125	127	130	135.0	133	134	137	142.4	139	141	144	148.9	145	146	149	154.4	150	152	155	159.8	157	158	161	166.6	

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Shaded area reflects ACCA (TV) conditions

115°F = Total system power
Amps = outdoor unit amps (comp+fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										115°F										
		65°F			75°F			85°F			95°F			105°F								
IDB	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1225	MBh	40.3	40.9	42.1	43.9	39.9	40.5	41.7	43.5	38.9	39.4	40.6	42.5	37.1	37.6	38.8	40.7	34.9	35.4	36.6	38.5	
	S/IT	0.83	0.75	0.62	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.65	0.5	1.00	0.80	0.67	0.5	1.00	0.69	0.5	1.00	
	ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	30	28	25	21	
	kW	2.55	2.54	2.54	2.6	2.85	2.84	2.84	2.9	3.18	3.18	3.17	3.2	3.54	3.54	3.53	3.6	3.94	3.94	4.0	4.42	
	Amps	9.1	9.0	9.1	9.0	9.1	10.4	10.4	10.5	12.0	11.9	11.9	12.0	13.6	13.6	13.6	13.7	15.4	15.4	15.5	17.6	
	Hi PR	265	266	268	272.8	307	308	310	314.6	351	352	354	358.4	398	399	401	405.6	449	450	452	456.5	503
80	Lo PR	122	124	127	132.0	130	131	134	139.4	136	138	141	146.0	142	143	146	151.5	147	149	152	156.9	155
	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	33.5
	S/IT	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.6	1.00	0.86	0.73	0.6	1.00	0.75	0.6	1.00	0.77	0.6	1.00	0.82	0.7
	ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	28	26	22	18	29
	kW	2.57	2.57	2.56	2.58	2.87	2.86	2.86	2.88	3.20	3.20	3.19	3.20	3.56	3.56	3.55	3.58	3.96	3.96	3.98	4.44	4.43
	Amps	9.2	9.1	9.1	9.2	10.5	10.5	10.5	10.6	12.0	12.0	12.0	12.0	13.7	13.7	13.7	13.8	15.5	15.5	15.6	17.7	17.8
1460	Hi PR	268	269	271	275.7	310	311	313	317.6	354	355	357	361.4	401	402	404	408.6	452	453	455	459.5	506
	Lo PR	124	126	129	134.3	132	133	137	141.7	138	140	143	148.2	144	145	149	153.7	149	151	154	159.1	158
	MBh	41.3	41.9	43.1	44.9	41.0	41.5	42.7	44.6	39.9	40.5	41.7	43.5	38.1	38.7	39.9	41.7	35.9	36.5	37.7	39.5	33.9
	S/IT	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.6	1.00	0.89	0.75	0.6	1.00	0.77	0.6	1.00	0.80	0.7	1.00	0.85	0.7
	ΔT	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	21	28	26
	kW	2.58	2.57	2.57	2.6	2.88	2.87	2.87	2.9	3.21	3.21	3.20	3.2	3.57	3.57	3.56	3.6	3.97	3.97	4.0	4.45	4.44
1575	Amps	9.2	9.2	9.2	9.3	10.6	10.5	10.5	10.6	12.1	12.1	12.0	12.2	13.7	13.7	13.7	13.8	15.6	15.6	15.7	17.7	17.8
	Hi PR	269	271	272	277.1	311	312	314	318.9	355	356	358	362.8	402	403	405	410.0	453	454	456	460.8	507
	Lo PR	126	127	130	135.5	133	135	138	143.0	140	141	144	149.5	145	147	150	155.0	151	152	155	160.4	157
	MBh	41.6	42.2	43.4	45.2	41.3	41.8	42.4	44.9	39.6	40.1	41.3	43.2	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	33.5
	S/IT	1.00	0.85	0.72	0.6	1.00	0.86	0.72	0.6	1.00	0.75	0.6	1.00	0.77	0.6	1.00	0.79	0.6	1.00	0.79	0.6	1.00
	ΔT	33	31	28	24	33	31	28	24	33	31	28	24	33	31	27	24	33	31	29	32	25
1225	kW	2.55	2.55	2.55	2.6	2.85	2.85	2.84	2.9	3.19	3.18	3.18	3.2	3.54	3.54	3.53	3.6	3.95	3.95	3.94	4.0	4.42
	Amps	9.1	9.1	9.1	9.2	10.5	10.4	10.4	10.5	12.0	12.0	11.9	12.0	13.6	13.6	13.6	13.7	15.5	15.5	15.4	17.6	17.7
	Hi PR	266	268	269	274.0	308	309	311	315.9	352	353	355	359.7	399	400	402	406.9	450	451	453	457.8	504
	Lo PR	124	126	129	133.8	131	133	136	141.3	138	139	143	147.8	143	145	148	153.3	149	150	153	158.7	156
	MBh	41.0	41.5	42.7	44.6	40.6	41.2	42.4	44.2	39.6	40.1	41.3	43.2	37.7	38.3	39.5	41.3	35.5	36.1	37.3	39.1	33.5
	S/IT	1.00	0.93	0.80	0.7	1.00	0.94	0.81	0.7	1.00	0.90	0.83	0.7	1.00	0.85	0.7	1.00	0.87	0.7	1.00	0.87	0.7
1460	ΔT	32	30	26	22	32	30	26	22	32	30	26	23	32	30	26	22	31	29	26	22	32
	kW	2.57	2.57	2.57	2.59	2.87	2.87	2.86	2.89	3.21	3.21	3.20	3.20	3.57	3.57	3.56	3.58	3.97	3.97	3.96	3.99	4.44
	Amps	9.2	9.2	9.1	9.2	10.5	10.5	10.5	10.6	12.1	12.1	12.0	12.1	13.7	13.7	13.7	13.8	15.6	15.6	15.5	17.7	17.8
	Hi PR	269	270	272	277.0	311	312	314	318.8	355	356	358	362.6	402	403	405	409.8	453	454	456	460.7	507
	Lo PR	126	128	131	136.1	134	135	138	143.6	140	142	145	150.1	146	147	150	155.6	151	153	156	161.0	158
	MBh	42.0	42.6	43.8	45.6	41.6	42.2	43.4	45.3	40.6	41.2	42.4	44.2	38.8	39.4	40.6	42.4	36.6	37.2	38.4	40.2	34.6
85	S/IT	1.00	0.96	0.82	0.7	1.00	0.90	0.83	0.7	1.00	0.85	0.85	0.7	1.00	0.87	0.7	1.00	0.90	0.8	1.00	0.90	0.8
	ΔT	31	29	26	22	31	29	25	22	31	29	25	22	31	29	25	22	31	29	25	21	32
	kW	2.58	2.58	2.57	2.6	2.88	2.88	2.87	2.9	3.21	3.21	3.21	3.21	3.58	3.57	3.57	3.6	3.98	3.98	3.97	4.0	4.45
	Amps	9.2	9.2	9.2	9.3	10.6	10.5	10.7	12.1	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.8	15.6	15.6	15.7	17.8	17.8
	Hi PR	271	272	274	278.3	313	314	316	320.2	356	358	359	364.0	404	405	407	411.2	454	456	457	462.1	509
	Lo PR	128	129	132	137.4	135	136	140	144.8	141	143	146	151.3	147	148	152	156.8	152	154	157	162.2	159

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

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

Shaded area reflects AHRI conditions

EXPANDED COOLING DATA — GSXN3N4810A* / CA*F4961*6A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE										115°F													
		65°F					75°F					85°F						95°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
1480	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	-	37.2	37.9	39.2	-
	S/T	0.60	0.52	0.39	-	0.61	0.53	0.39	-	0.63	0.55	0.42	-	0.65	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-
	ΔT	21	19	16	-	21	19	16	-	22	20	16	-	21	19	16	-	21	19	15	-	22	20	17	-
	kW	2.97	2.97	2.97	-	3.32	3.31	3.31	-	3.70	3.69	3.69	-	4.11	4.11	4.10	-	4.57	4.57	4.56	-	5.11	5.11	5.10	-
	Amps	10.6	10.6	10.6	-	12.2	12.2	12.1	-	13.9	13.9	13.9	-	15.8	15.8	15.8	-	17.9	17.9	17.9	-	20.4	20.4	20.3	-
	Hi PR	256	257	259	-	297	298	300	-	339	340	342	-	385	386	388	-	434	435	437	-	486	488	489	-
70	Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	141	144	-	145	146	149	-	151	153	156	-
	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	-	37.9	38.6	39.9	-
	S/T	0.67	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.72	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
	ΔT	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-
	kW	3.00	2.99	2.99	-	3.34	3.33	3.33	-	3.72	3.72	3.71	-	4.13	4.13	4.12	-	4.59	4.59	4.58	-	5.13	5.13	5.12	-
	Amps	10.7	10.7	10.7	-	12.3	12.3	12.2	-	14.0	14.0	14.0	-	15.9	15.9	15.9	-	18.0	18.0	18.0	-	20.5	20.5	20.4	-
70	Hi PR	259	260	262	-	299	300	302	-	342	343	345	-	387	388	390	-	436	438	439	-	489	490	492	-
	Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	153	155	158	-
	MBh	46.9	47.6	49.0	-	46.5	47.2	48.5	-	45.3	46.0	47.3	-	43.3	43.9	45.3	-	40.8	41.4	42.8	-	38.5	39.1	40.5	-
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.49	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-
	ΔT	19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-
	kW	3.01	3.00	3.00	-	3.35	3.35	3.34	-	3.73	3.73	3.72	-	4.14	4.14	4.13	-	4.60	4.60	4.59	-	5.14	5.14	5.14	-
1800	Amps	10.8	10.7	10.7	-	12.3	12.3	12.3	-	14.1	14.1	14.0	-	16.0	15.9	15.9	-	18.1	18.1	18.0	-	20.5	20.5	20.5	-
	Hi PR	260	261	263	-	301	302	304	-	343	344	346	-	389	390	392	-	438	439	441	-	491	492	494	-
	Lo PR	124	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	159	-
	MBh	45.7	46.4	47.7	49.8	45.3	46.0	47.3	49.4	44.1	44.8	46.1	48.2	42.1	42.7	44.1	46.2	39.5	40.2	41.6	43.6	37.2	37.9	39.3	41.3
	S/T	0.73	0.65	0.52	0.4	0.74	0.66	0.52	0.4	1.00	0.68	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.73	0.59	0.4	1.00	0.78	0.64	0.5
	ΔT	26	24	20	16	26	24	20	16	26	24	20	16	26	24	20	16	25	23	20	16	27	25	21	17
1480	kW	2.97	2.97	2.96	3.0	3.31	3.31	3.31	3.3	3.69	3.69	3.69	3.7	4.11	4.10	4.10	4.1	4.57	4.57	4.56	4.6	5.11	5.11	5.10	5.1
	Amps	10.6	10.6	10.6	10.7	12.2	12.1	12.1	12.2	13.9	13.9	13.9	14.0	15.8	15.8	15.8	15.9	17.9	17.9	17.9	18.0	20.4	20.4	20.3	20.5
	Hi PR	256	257	259	263.7	297	298	300	304.2	339	340	342	346.6	385	386	388	392.3	434	435	437	441.5	487	488	490	494.1
	Lo PR	120	122	125	129.7	127	129	132	137.1	134	135	138	143.5	139	141	144	148.9	145	146	149	154.2	151	153	156	160.9
	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	44.3	37.9	38.6	40.0	42.0
	S/T	0.80	0.73	0.59	0.4	0.81	0.73	0.60	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.72	0.6
1640	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	23	20	16	16
	kW	2.99	2.99	2.98	3.01	3.33	3.33	3.33	3.35	3.72	3.71	3.71	3.73	4.13	4.13	4.12	4.15	4.59	4.58	4.61	4.61	5.13	5.13	5.12	5.15
	Amps	10.7	10.7	10.7	10.8	12.3	12.2	12.2	12.3	14.0	14.0	14.0	14.1	15.9	15.9	15.9	16.0	18.0	18.0	18.1	18.1	20.5	20.5	20.4	20.6
	Hi PR	259	260	262	266.3	299	301	302	306.8	342	343	345	349.2	387	389	390	394.9	437	438	440	444.1	489	490	492	496.6
	Lo PR	122	124	127	131.8	129	131	134	139.1	136	137	140	145.5	141	143	146	151.0	147	148	151	156.3	153	155	158	162.9
	MBh	47.0	47.6	49.0	51.1	46.6	47.2	48.6	50.7	45.4	46.0	47.4	49.5	43.3	43.9	45.3	47.4	40.8	41.4	42.8	44.9	38.5	39.1	40.5	42.6
1800	S/T	0.83	0.76	0.62	0.5	0.84	0.76	0.63	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	1.00	0.74	0.6
	ΔT	23	21	18	14	23	21	18	14	24	22	18	14	23	21	18	14	23	21	17	14	24	22	19	15
	kW	3.01	3.00	3.00	3.0	3.35	3.34	3.34	3.4	3.73	3.72	3.72	3.7	4.14	4.14	4.13	4.2	4.60	4.59	4.6	4.6	5.14	5.14	5.13	5.2
	Amps	10.7	10.7	10.7	10.8	12.3	12.2	12.2	12.3	14.1	14.0	14.0	14.1	15.9	15.9	15.9	16.0	18.1	18.0	18.1	18.1	20.5	20.5	20.4	20.6
	Hi PR	261	262	263	268.0	301	302	304	308.4	343	345	346	350.9	389	390	392	396.5	438	439	441	445.7	491	492	494	498.3
	Lo PR	124	125	128	133.3	131	132	136	140.6	137	139	142	147.0	143	144	147	152.5	148	150	153	157.8	155	156	159	164.4

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

Shaded area reflects ACCA (TV) conditions

AMPS = outdoor unit amps (comp+fan)

KW = Total system power

	IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F														
			65°F				75°F				85°F				95°F			105°F			59			63			67		
			59			63			67			71			59			63			67			71			59		
1480	MBh	46.0	46.6	48.0	50.1	45.5	46.2	47.6	49.6	44.3	45.0	46.4	48.5	42.3	42.9	44.3	46.4	39.8	40.4	41.8	43.9	37.5	38.1	39.5	41.6				
	S/T	0.86	0.78	0.64	0.5	1.00	0.79	0.65	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.69	0.5	1.00	0.72	0.6	1.00	0.77	0.6						
	ΔT	30	28	24	21	30	28	24	21	30	28	25	21	30	28	24	20	30	28	24	20	31	29	25	21				
	kW	2.97	2.97	2.97	3.0	3.32	3.31	3.31	3.3	3.70	3.69	3.69	3.7	4.11	4.11	4.10	4.1	4.57	4.57	4.56	4.6	5.11	5.11	5.10	5.1				
	Amps	10.6	10.6	10.6	10.7	12.2	12.1	12.1	12.3	13.9	13.9	13.9	14.0	15.8	15.8	15.8	15.9	17.9	17.9	17.9	18.0	20.4	20.4	20.3	20.3				
	Hi PR	257	258	260	264.2	297	298	300	304.7	340	341	343	347.1	385	386	388	392.8	435	436	438	442.0	487	488	490	494.5				
80	Lo PR	121	122	125	130.3	128	129	132	137.6	134	136	139	144.0	140	141	144	149.4	145	147	150	154.7	152	153	156	161.4				
	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	44.6	38.2	38.8	40.2	42.3				
	S/T	1.00	0.85	0.72	0.6	1.00	0.86	0.72	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.77	0.6	1.00	0.79	0.6	1.00	1.00	0.84	0.7					
	ΔT	29	27	23	19	28	27	23	19	29	27	23	19	28	27	23	19	28	26	23	19	29	27	24	20				
	kW	3.00	2.99	2.99	3.01	3.34	3.33	3.33	3.35	3.72	3.72	3.71	3.74	4.13	4.13	4.12	4.15	4.59	4.58	4.61	4.61	5.13	5.13	5.12	5.15				
	Amps	10.7	10.7	10.7	10.8	12.3	12.3	12.3	12.3	14.0	14.0	14.0	14.1	15.9	15.9	15.9	16.0	18.0	18.0	18.1	18.1	20.5	20.5	20.4	20.6				
1640	Hi PR	259	261	262	266.8	300	301	303	307.3	342	343	345	349.7	388	389	391	395.3	437	438	440	444.6	490	491	493	497.1				
	Lo PR	123	124	127	132.3	130	131	135	139.7	136	138	141	146.1	142	143	146	151.5	147	149	152	156.8	154	155	158	163.5				
	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.6	46.2	47.6	49.7	43.5	44.2	45.6	47.6	41.0	41.7	43.0	45.1	38.7	39.4	40.7	42.8				
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.78	0.6	1.00	0.93	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7				
	ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	27	25	22	18	29	27	23	19				
	kW	3.01	3.00	3.00	3.0	3.35	3.35	3.34	3.4	3.73	3.73	3.73	3.7	4.14	4.14	4.13	4.13	4.60	4.59	4.6	4.6	5.14	5.14	5.12	5.2				
1800	Amps	10.8	10.7	10.7	10.8	12.3	12.3	12.3	12.4	14.1	14.1	14.0	14.1	16.0	15.9	15.9	16.0	18.1	18.1	18.0	18.1	20.5	20.5	20.4	20.5				
	Hi PR	261	262	264	268.4	302	303	304	308.9	344	345	347	351.3	390	391	393	397.0	439	440	442	446.2	491	492	494	498.8				
	Lo PR	124	126	129	133.8	131	133	136	141.2	138	139	142	147.6	143	145	148	153.0	149	150	153	158.3	155	157	160	165.0				
	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	44.7	38.3	38.9	40.3	42.4				
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.75	0.6	1.00	0.91	0.78	0.6	1.00	0.93	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7				
	ΔT	34	32	28	24	34	32	28	24	34	32	28	25	34	32	28	24	33	31	28	24	35	33	29	25				
1400	kW	2.98	2.98	2.97	3.0	3.32	3.32	3.31	3.3	3.70	3.70	3.69	3.7	4.12	4.11	4.11	4.1	4.58	4.57	4.57	4.6	5.12	5.11	5.11	5.1				
	Amps	10.6	10.6	10.6	10.7	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0	14.0	14.0	14.1	14.1	4.13	4.13	4.15	4.60	4.59	4.59	4.62	4.62				
	Hi PR	258	259	261	265.4	299	300	301	305.9	341	342	344	348.3	387	388	390	394.0	436	437	439	443.2	488	489	491	495.7				
	Lo PR	122	124	127	132.1	130	131	134	139.4	136	138	141	145.8	142	143	146	151.2	147	148	151	156.5	154	155	158	163.2				
	MBh	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	45.3	38.9	39.6	41.0	43.1				
	S/T	1.00	0.96	0.82	0.7	1.00	0.96	0.83	0.7	1.00	0.85	0.75	0.7	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.87	0.7					
1640	ΔT	32	30	27	23	32	30	27	23	33	31	27	23	32	30	27	23	32	30	26	23	33	31	28	24				
	kW	3.00	3.00	3.00	3.0	3.34	3.34	3.33	3.36	3.72	3.72	3.72	3.74	4.14	4.14	4.13	4.13	4.60	4.59	4.59	4.62	4.54	4.54	4.54	4.56				
	Amps	10.7	10.7	10.7	10.8	12.3	12.3	12.3	12.4	14.0	14.0	14.0	14.1	15.9	15.9	15.9	16.0	18.0	18.0	18.1	18.1	20.5	20.5	20.4	20.5				
	Hi PR	261	262	264	268.0	301	302	304	308.5	343	345	346	350.9	389	390	392	396.5	438	440	441	445.8	488	489	491	495.7				
	Lo PR	124	126	129	134.1	132	133	136	141.5	138	140	143	147.9	144	145	148	153.3	149	150	153	158.6	156	157	160	165.3				
	MBh	48.0	48.6	50.0	52.1	47.6	48.2	49.6	51.7	46.4	47.0	48.4	50.5	44.3	45.0	46.3	48.4	41.8	42.4	43.8	45.9	39.5	40.1	41.5	43.6				
1800	ΔT	32	30	26	22	32	30	26	22	32	30	26	22	32	30	26	22	31	29	26	22	32	31	27	23				
	kW	3.01	3.01	3.00	3.0	3.35	3.35	3.35	3.4	3.74	3.73	3.73	3.8	4.15	4.15	4.14	4.14	4.61	4.61	4.60	4.6	5.14	5.14	5.15	5.2				
	Amps	10.8	10.8	10.7	10.9	12.4	12.3	12.3	12.4	14.1	14.1	14.2	14.2	16.0	16.0	15.9	16.1	18.1	18.1	18.2	18.2	20.6	20.6	20.5	20.6				
	Hi PR	262	263	265	269.6	303	304	306	310.1	345	346	348	352.5	391	392	394	398.2	440	441	443	447.4	493	494	495	500.0				
	Lo PR	126	127	131	135.6	133	135	138	143.0	140	141	144	149.4	145	147	150	154.8	150	152	155	160.1	157	159	162	166.8				

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

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

EXPANDED COOLING DATA — GSXN3N6010A* / CA*T4961*4A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
1565	MBh	55.7	56.4	58.1	-	55.2	55.9	57.6	-	53.7	54.5	56.2	-	51.3	52.0	53.7	-	48.2	49.0	50.7	-	45.5	46.3	47.9	-						
	S/T	0.61	0.54	0.42	-	0.62	0.55	0.42	-	0.64	0.57	0.45	-	1.00	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.66	0.53	-						
	ΔT	22	20	16	-	22	19	16	-	22	20	16	-	22	19	16	-	21	19	15	-	23	21	17	-						
	kW	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.65	4.64	4.64	-	5.20	5.19	5.18	-	5.81	5.80	5.80	-	6.53	6.52	6.52	-						
	Amps	13.9	13.9	13.8	-	16.0	15.9	15.9	-	18.3	18.3	18.2	-	20.8	20.8	20.7	-	23.6	23.6	23.5	-	26.9	26.9	26.8	-						
	Hi PR	281	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	474	475	477	-	531	532	534	-						
	Lo PR	127	129	132	-	135	137	140	-	142	143	147	-	147	149	152	-	153	155	158	-	160	161	165	-						
	MBh	57.8	58.6	60.2	-	57.3	58.1	59.8	-	55.9	56.7	58.3	-	53.4	54.2	55.9	-	50.4	51.2	52.8	-	47.7	48.4	50.1	-						
	S/T	0.66	0.59	0.46	-	0.66	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.63	0.51	-	1.00	0.65	0.53	-	1.00	1.00	0.57	-						
	ΔT	19	17	13	-	19	17	13	-	20	18	14	-	19	17	13	-	19	17	13	-	20	18	14	-						
2000	MBh	59.5	60.3	61.9	-	59.0	59.8	61.4	-	57.6	58.4	60.0	-	55.1	55.9	57.5	-	52.1	52.9	54.5	-	49.4	50.1	51.8	-						
	S/T	0.64	0.57	0.44	-	1.00	0.57	0.45	-	1.00	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.63	0.51	-	1.00	1.00	0.55	-						
	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	19	17	13	-						
	kW	3.73	3.72	3.72	-	4.18	4.18	4.17	-	4.69	4.68	4.68	-	5.24	5.23	5.23	-	5.85	5.85	5.84	-	6.57	6.56	6.56	-						
	Amps	14.1	14.0	14.0	-	16.1	16.1	16.1	-	18.5	18.4	18.4	-	21.0	21.0	20.9	-	23.8	23.8	23.7	-	27.1	27.0	27.0	-						
	Hi PR	286	287	289	-	330	331	333	-	376	377	379	-	426	427	429	-	479	481	482	-	536	538	540	-						
	Lo PR	132	134	137	-	140	142	145	-	147	148	151	-	152	154	157	-	158	159	163	-	165	166	170	-						
	MBh	59.5	60.3	61.9	-	59.0	59.8	61.4	-	57.6	58.4	60.0	-	55.1	55.9	57.5	-	52.1	52.9	54.5	-	49.4	50.1	51.8	-						
	S/T	0.64	0.57	0.44	-	1.00	0.57	0.45	-	1.00	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.63	0.51	-	1.00	1.00	0.55	-						
	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	19	17	13	-						
2250	MBh	59.5	60.3	61.9	-	59.0	59.8	61.4	-	57.6	58.4	60.0	-	55.1	55.9	57.5	-	52.1	52.9	54.5	-	49.4	50.1	51.8	-						
	S/T	0.64	0.57	0.44	-	1.00	0.57	0.45	-	1.00	0.59	0.47	-	1.00	0.61	0.49	-	1.00	0.63	0.51	-	1.00	1.00	0.55	-						
	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	19	17	13	-						
	kW	3.75	3.74	3.74	-	4.20	4.20	4.19	-	4.71	4.70	4.70	-	5.26	5.25	5.25	-	5.87	5.87	5.86	-	6.59	6.58	6.58	-						
	Amps	14.2	14.1	14.1	-	16.2	16.2	16.2	-	18.6	18.5	18.5	-	21.1	21.0	21.0	-	23.9	23.8	23.8	-	27.2	27.1	27.1	-						
	Hi PR	290	291	293	-	333	335	337	-	380	381	383	-	429	430	432	-	483	484	486	-	540	541	543	-						
	Lo PR	136	138	141	-	144	145	148	-	150	152	155	-	156	158	161	-	162	163	166	-	168	170	173	-						
	MBh	55.7	56.5	58.1	60.6	55.2	56.0	57.6	60.1	53.8	54.5	56.2	58.7	51.3	52.1	53.7	56.2	48.3	49.1	50.7	53.2	45.5	46.3	47.9	50.5						
	S/T	0.73	0.66	0.54	0.4	1.00	0.67	0.54	0.4	1.00	0.69	0.57	0.4	1.00	0.71	0.58	0.5	1.00	0.73	0.60	0.5	1.00	1.00	0.65	0.5						
	ΔT	26	24	20	16	26	24	20	16	27	24	21	16	26	24	20	20	16	24	22	20	16	27	25	21	17					
1565	MBh	57.9	58.6	60.3	62.8	57.4	58.1	59.8	62.3	55.9	56.7	58.4	60.9	53.5	54.2	55.9	58.4	50.4	51.2	52.9	55.4	47.7	48.5	50.1	52.6						
	S/T	0.77	0.70	0.58	0.4	1.00	0.71	0.58	0.5	1.00	0.73	0.61	0.5	1.00	0.75	0.63	0.5	1.00	0.65	0.5	1.00	1.00	0.69	0.6							
	ΔT	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	25	23	19	15						
	kW	3.68	3.68	3.67	3.7	4.14	4.14	4.13	4.13	4.2	4.64	4.63	4.64	4.64	5.19	5.18	5.2	5.81	5.80	5.79	5.8	6.52	6.52	6.51	6.5						
	Amps	13.9	13.8	14.0	14.0	15.9	15.9	16.0	16.0	18.3	18.2	18.2	18.4	20.8	20.8	20.7	20.9	23.6	23.5	23.7	23.7	26.9	26.8	26.8	27.0						
	Hi PR	281	282	284	284	289.3	325	326	328	333.3	371	372	374	379.3	421	422	424	428.9	474	476	478	482.4	531	533	535	539.5					
	Lo PR	127	129	132	137	135	137	140	145.2	142	143	147	151.9	147	149	152	157.6	153	155	158	163.1	160	162	165	170.1						
	MBh	57.9	58.6	60.3	62.8	57.4	58.1	59.8	62.3	55.9	56.7	58.4	60.9	53.5	54.2	55.9	58.4	50.4	51.2	52.9	55.4	47.7	48.5	50.1	52.6						
	S/T	0.77	0.70	0.58	0.4	1.00	0.71	0.58	0.5	1.00	0.73	0.61	0.5	1.00	0.75	0.63	0.5	1.00	0.65	0.5	1.00	1.00	0.69	0.6							
	ΔT	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	25	23	19	15						
75	MBh	59.5	60.3	62.0	64.5	59.1	59.8	61.5	64.0	57.6	58.4	60.0	62.5	55.9	55.9	57.6	60.1	52.1	52.9	54.6	57.1	49.4	50.2	51.8	54.3						
	S/T	1.00	0.68	0.56	0.4	1.00	0.69	0.56	0.4	1.00	0.71	0.59	0.5	1.00	1.00	0.61	0.5	1.00	0.63	0.5	1.00	1.00	0.67	0.5							
	ΔT	23	21	17	13	23	21	17	13	23	21	17	13	23	21	17	13	23	21	17	13	24	22	18	14						
	kW	3.75	3.74	3.73	3.8	4.20	4.19	4.2	4.2	4.71																					

EXPANDED COOLING DATA — GSXN3N6010A* / CA*T4961*4A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																													
		65°F						75°F						85°F						95°F						105°F					
IDB	AIR FLOW	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		
1565	MBh	56.0	56.8	58.4	60.9	55.5	56.3	57.9	60.4	54.1	54.8	56.5	59.0	51.6	52.4	54.0	56.5	48.6	49.3	51.0	53.5	45.8	46.6	48.2	49.7	50.7					
	S/T	1.00	0.78	0.65	0.5	1.00	0.78	0.66	0.5	1.00	0.81	0.68	0.6	1.00	0.70	0.6	1.00	1.00	0.72	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6			
	ΔT	31	29	25	21	31	29	25	21	31	29	25	21	31	25	21	29	25	20	20	32	30	26	22	26	22	26	22			
	kW	3.69	3.68	3.68	3.7	4.14	4.14	4.13	4.2	4.65	4.64	4.64	4.7	5.20	5.19	5.18	5.2	5.81	5.80	5.8	6.53	6.52	6.51	6.51	6.51	6.51	6.51	6.51			
	Amps	13.9	13.9	13.8	14.0	16.0	15.9	15.9	16.1	18.3	18.3	18.2	18.4	20.8	20.8	20.7	20.9	23.6	23.5	23.7	23.7	26.9	26.9	26.8	27.0	27.0					
	Hi PR	282	283	285	289.8	326	327	329	333.8	372	373	375	379.8	421	423	425	429.4	475	476	478	482.9	532	533	535	540.0	540.0					
2000	Lo PR	128	130	133	138.1	136	137	140	145.8	142	144	147	152.5	148	150	153	158.1	154	155	158	163.7	161	162	165	170.6	170.6					
	MBh	58.1	58.9	60.6	63.1	57.7	58.4	60.1	62.6	56.2	57.0	58.6	61.1	53.7	54.5	56.2	58.7	50.7	51.5	53.2	55.7	48.0	48.8	50.4	52.9	52.9					
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.6	1.00	0.72	0.6	1.00	1.00	0.74	0.6	0.6	1.00	1.00	0.76	0.6	1.00	1.00	1.00	1.00	1.00	1.00				
	ΔT	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	28	26	22	28	30	28	24	20	24	20				
	kW	3.73	3.72	3.75	4.18	4.18	4.17	4.20	4.69	4.68	4.68	4.71	5.24	5.23	5.26	5.26	5.85	5.84	5.84	5.87	6.57	6.56	6.56	6.59	6.59	6.59					
	Amps	14.1	14.0	14.0	14.2	16.1	16.1	16.1	16.2	18.5	18.4	18.4	18.6	21.0	21.0	21.0	21.0	23.8	23.7	23.9	27.1	27.0	27.0	27.2	27.2	27.2					
287	Hi PR	288	290	295.0	331	332	334	339.0	377	378	380	385.0	427	428	430	434.6	480	481	483	488.1	537	538	540	545.2	545.2						
	Lo PR	133	135	138	143.1	141	142	145	150.7	147	149	152	157.4	153	155	158	163.1	159	160	163	168.6	165	167	170	175.6	175.6					
	MBh	59.8	60.6	62.3	64.8	59.3	60.1	61.8	64.3	57.9	58.7	60.3	62.8	55.4	56.2	57.9	60.4	52.4	53.2	54.8	57.3	49.7	50.4	52.1	54.6	54.6					
	S/T	1.00	0.80	0.67	0.5	1.00	0.68	0.5	1.00	0.70	0.6	1.00	1.00	0.72	0.6	0.6	1.00	1.00	0.74	0.6	1.00	1.00	1.00	1.00	1.00	1.00					
	ΔT	28	26	22	17	28	26	22	17	28	26	22	18	28	25	22	21	27	25	21	21	29	27	23	23	18					
	kW	3.75	3.74	3.74	3.8	4.20	4.20	4.19	4.2	4.71	4.70	4.70	4.7	5.26	5.25	5.24	5.24	5.3	5.87	5.86	5.9	6.59	6.58	6.58	6.6	6.6					
2250	Amps	14.2	14.1	14.1	14.3	16.2	16.2	16.2	16.3	18.6	18.5	18.5	18.7	21.1	21.0	21.0	21.0	23.9	23.8	24.0	27.2	27.1	27.1	27.3	27.3						
	Hi PR	290	291	293	298.3	334	335	337	342.3	380	382	383	388.3	430	431	433	437.9	483	485	487	491.4	540	542	544	548.5	548.5					
	Lo PR	137	138	141	146.7	144	146	149	154.3	151	152	156	165.0	157	158	161	166.7	162	164	167	172.2	169	171	174	179.2	179.2					
	MBh	56.9	57.7	59.3	61.8	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.5	53.3	54.9	57.4	49.5	50.3	51.9	54.4	46.7	47.5	49.2	51.7	51.7					
	S/T	1.00	0.87	0.75	0.6	1.00	1.00	0.75	0.6	1.00	0.78	0.6	1.00	0.79	0.7	0.7	1.00	1.00	0.79	0.7	1.00	1.00	0.7	1.00	1.00	0.7					
	ΔT	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25	33	30	27	23	34	30	30	26						
1565	kW	3.70	3.69	3.68	3.7	4.15	4.15	4.14	4.2	4.65	4.64	4.64	4.7	5.20	5.20	5.19	5.19	5.2	5.82	5.81	5.8	6.54	6.53	6.52	6.6	6.6					
	Amps	13.9	13.9	14.0	16.0	16.0	16.0	15.9	16.1	18.3	18.3	18.3	18.4	20.8	20.8	20.8	20.8	23.6	23.6	23.7	23.7	26.9	26.9	26.9	27.0	27.0					
	Hi PR	283	284	286	291.1	327	328	330	335.1	373	374	376	381.1	423	424	426	430.7	476	477	479	484.2	533	534	536	541.3	541.3					
	Lo PR	130	131	135	140.0	138	139	142	147.6	144	146	149	154.3	150	151	155	160	164.9	160	162	165	170.5	167	169	172	177.4					
	MBh	59.1	59.8	61.5	64.0	58.6	59.4	61.0	63.5	57.1	57.9	59.6	62.1	54.7	55.5	57.1	59.6	51.7	52.4	54.1	56.6	48.9	49.7	51.3	53.8	53.8					
	S/T	1.00	1.00	0.79	0.7	1.00	1.00	0.79	0.7	1.00	0.82	0.82	0.7	1.00	1.00	1.00	1.00	1.00	0.7	1.00	1.00	1.00	1.00	1.00	1.00						
2000	ΔT	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23	30	27	22	34	32	28	24							
	kW	3.74	3.73	3.72	3.76	4.19	4.19	4.18	4.21	4.70	4.69	4.69	4.72	5.24	5.24	5.23	5.23	5.27	5.86	5.85	5.88	6.58	6.57	6.56	6.60						
	Amps	14.1	14.1	14.2	14.1	16.2	16.2	16.1	16.3	18.5	18.5	18.4	18.6	21.0	21.0	21.0	21.0	23.8	23.8	23.9	23.9	27.1	27.1	27.2	27.2						
	Hi PR	288	289	291	296.3	332	333	335	340.3	378	380	381	386.3	428	429	431	435.9	481	483	485	489.4	538	540	542	546.5						
	Lo PR	135	136	140	144.9	142	144	147	152.6	149	151	154	159.3	155	156	160	164.9	160	162	165	170.5	167	169	172	177.4						
	MBh	60.8	61.5	63.2	65.7	60.3	61.0	62.7	65.2	58.8	59.6	61.3	63.8	56.4	57.1	58.8	61.3	53.3	54.1	55.8	58.3	50.6	51.4	53.0	55.5	55.5					
2250	S/T	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6	1.00	0.80	0.80	0.7	1.00	1.00	1.00	1.00	1.00	0.7	1.00	1.00	1.00	1.00	1.00							
	ΔT	32	30	26	22	32	30	26	22	32	30	26	22	32	26	22	22	21	25	21	33	31	27	23							
	kW	3.76	3.75	3.74	3.8	4.21	4.21	4.20	4.2	4.71	4.71	4.71	4.7	5.26	5.26	5.25	5.25	5.3	5.88	5.87	5.87	6.60	6.59	6.58	6.6						
	Amps	14.2	14.2	14.1	14.3	16.3	16.3	16.2	16.4	18.6	18.6	18.5	18.7	21.1	21.1	21.0	21.0	23.9	23.9	23.9	24.0	27.2	27.2	27.3	27.3						
	Hi PR	292	293	295	299.6	336	337	339	343.6	382	383	385	389.6	431	432	434	439.2	486	488	488	492.7	542	543	545	549.8						
	Lo PR	138	14																												

PERFORMANCE DATA

GSXN3N1810A*/CA*FA2422*6A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 520 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	18,250	12,300	5,950	1,240
80	18,050	12,150	5,900	1,310
85	17,800	12,000	5,800	1,380
90	17,400	11,750	5,650	1,460
95	17,000	11,450	5,550	1,530
100	16,550	11,150	5,400	1,620
105	16,050	10,850	5,200	1,700
110	15,650	10,550	5,100	1,800
115	15,200	10,250	4,950	1,890
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	16,400	11,500	4,900	1,530

GSXN3N2410A*/CA*TA2422*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 800 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	24,250	16,550	7,700	1,660
80	23,950	16,350	7,600	1,750
85	23,650	16,100	7,550	1,840
90	23,150	15,750	7,400	1,940
95	22,600	15,400	7,200	2,030
100	22,000	15,000	7,000	2,140
105	21,350	14,550	6,800	2,250
110	20,800	14,150	6,650	2,380
115	20,200	13,750	6,450	2,510
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	21,800	15,450	6,350	2,030

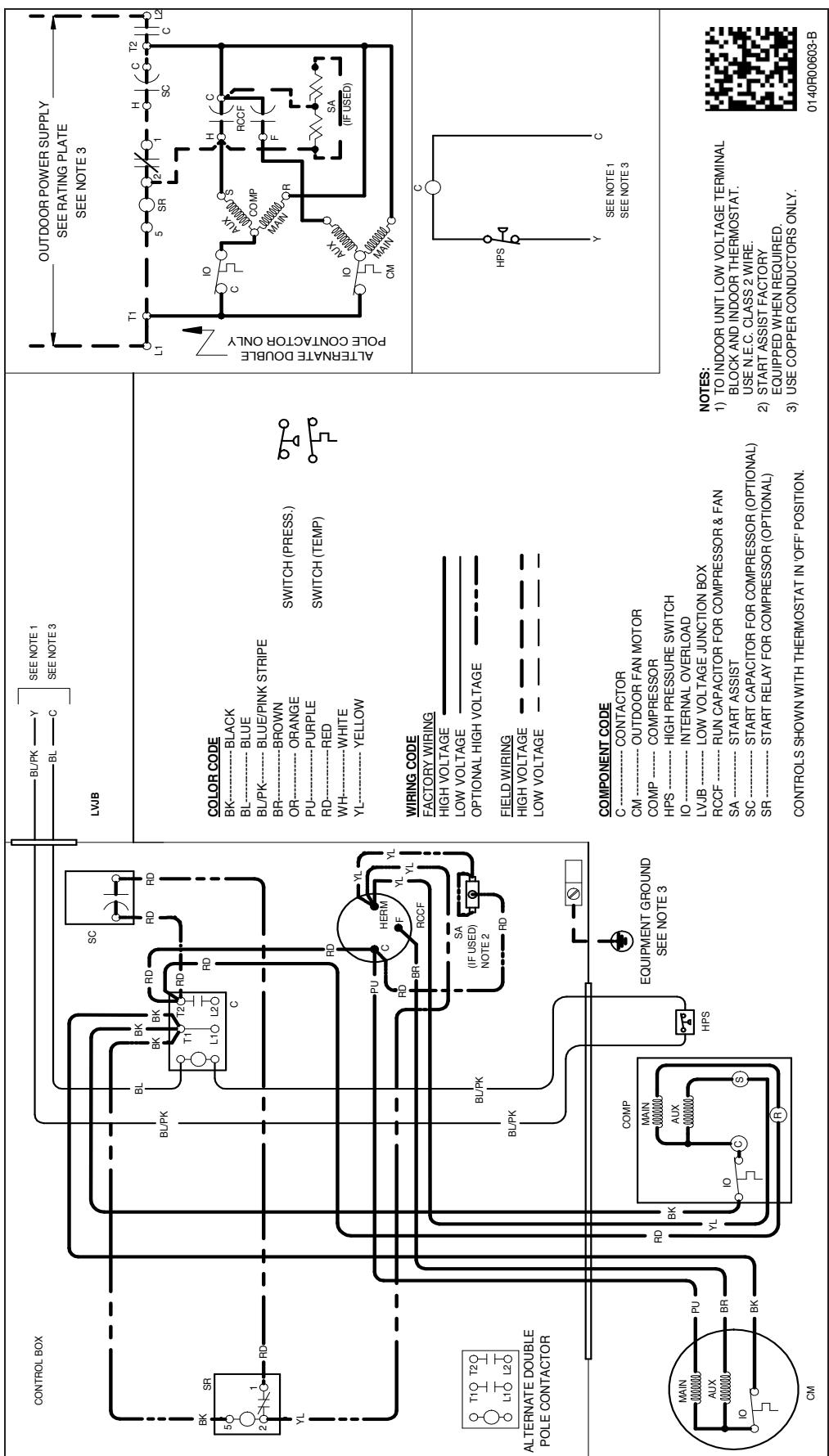
GSXN3N3010A*/CA*FA3626*6A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1105 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,450	22,000	8,450	2,110
80	29,950	21,000	8,950	2,230
85	29,400	20,000	9,400	2,340
90	28,900	20,250	8,650	2,470
95	28,400	20,500	7,900	2,600
100	27,600	19,950	7,650	2,750
105	26,800	19,350	7,450	2,890
110	26,100	18,850	7,250	3,060
115	25,350	18,300	7,050	3,220
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,400	16,400	11,000	2,040

GSXN3N3610A*/CA*FA4226*6A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1270 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	36,650	27,250	9,400	2,480
80	36,200	26,900	9,300	2,630
85	35,750	26,550	9,200	2,770
90	35,000	26,000	9,000	2,930
95	34,200	25,400	8,800	3,080
100	33,250	24,700	8,550	3,250
105	32,300	24,000	8,300	3,420
110	31,450	23,350	8,100	3,630
115	30,550	22,700	7,850	3,830
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,000	25,500	7,500	3,080

GSXN3N4210A*/CA*F4961*6A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1460 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	42,350	30,950	11,400	2,860
80	41,850	30,600	11,250	3,030
85	41,300	30,200	11,100	3,190
90	40,400	29,550	10,850	3,370
95	39,500	28,850	10,650	3,550
100	38,400	28,050	10,350	3,760
105	37,300	27,250	10,050	3,960
110	36,300	26,500	9,800	4,200
115	35,300	25,750	9,550	4,430
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	38,100	28,950	9,150	3,560

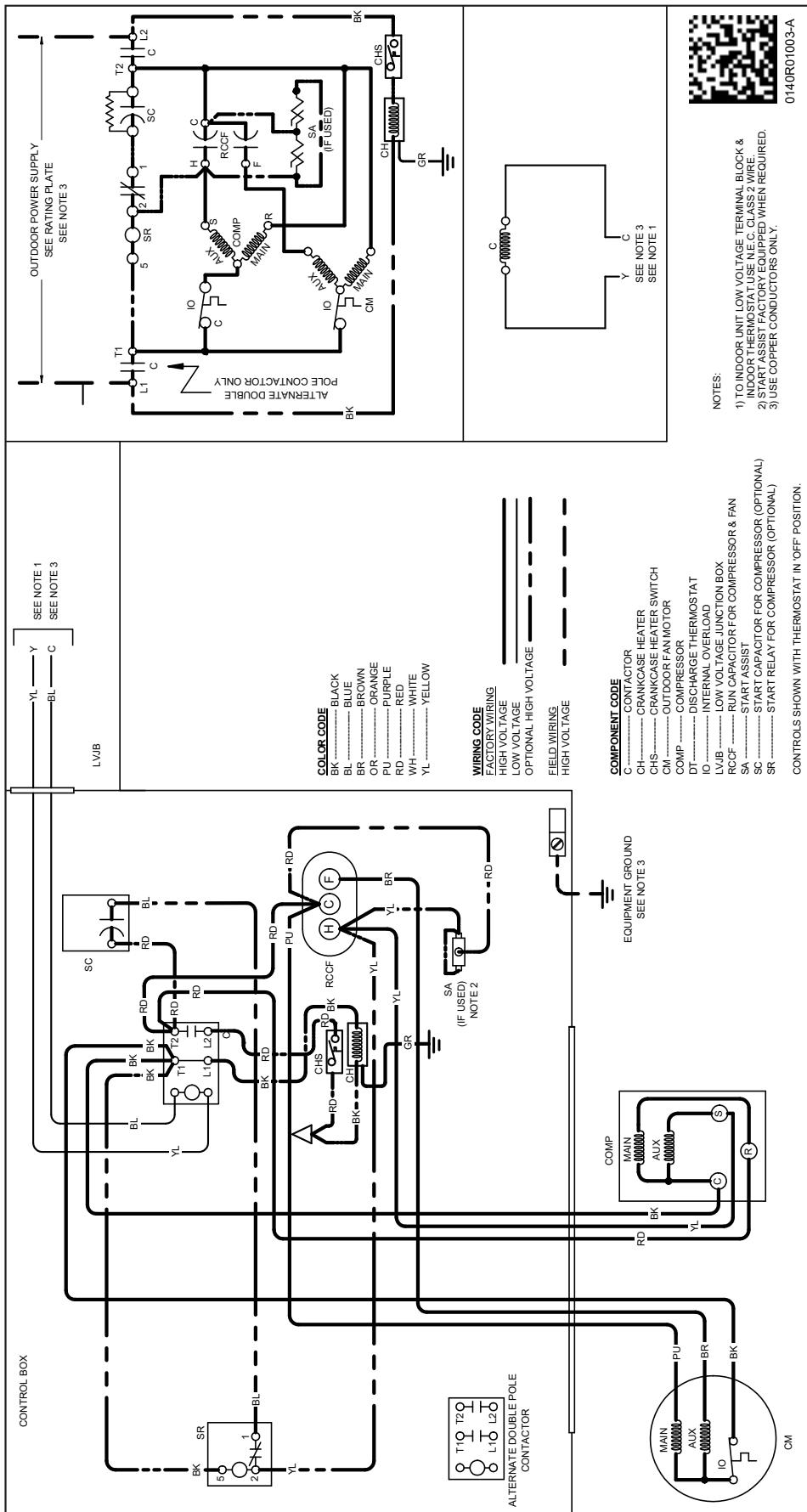
GSXN3N4810A*/CA*F4961*6A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1640 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	48,250	36,100	12,150	3,330
80	47,650	35,700	11,950	3,520
85	47,050	35,250	11,800	3,710
90	46,050	34,500	11,550	3,920
95	45,000	33,700	11,300	4,120
100	43,750	32,750	11,000	4,350
105	42,500	31,800	10,700	4,580
110	41,350	30,950	10,400	4,850
115	40,200	30,100	10,100	5,120
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	43,400	33,800	9,600	4,130

GSXN3N6010A*/CA*T4961*4A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1565 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	57,900	39,500	18,400	4,130
80	57,200	39,050	18,150	4,390
85	56,450	38,550	17,900	4,640
90	55,250	37,700	17,550	4,910
95	54,000	36,850	17,150	5,180
100	52,500	35,850	16,650	5,490
105	51,000	34,800	16,200	5,800
110	49,650	33,850	15,800	6,160
115	48,250	32,900	15,350	6,510
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	52,050	36,950	15,100	5,190

**WARNING**

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

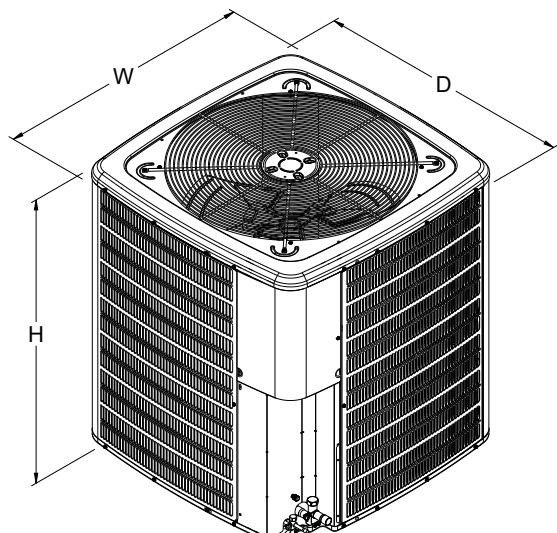
WIRING DIAGRAM— GSXN3N(3610A*/4210A*/4810A*/6010A*)



0140R01003-A

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

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



MODEL	DIMENSIONS		
	W"	D"	H"
GSXN3N1810A*	26	26	27
GSXN3N2410A*	26	26	32½
GSXN3N3010A*	29	29	32½
GSXN3N3610A*	29	29	32½
GSXN3N4210A*	29	29	39½
GSXN3N4810A*	35½	35½	35¼
GSXN3N6010A*	35½	35½	39½

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

ACCESSORIES

MODEL #	DESCRIPTION	GSXN3 N1810A*	GSXN3 N2410A*	GSXN3 N3010A*	GSXN3 N3610A*	GSXN3 N4210A*	GSXN3 N4810A*	GSXN3 N6010A*
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
Factory Installed Hard-start Kit			X	X				
CSR-U-1	Hard-start Kit	X			X			
CSR-U-2	Hard-start Kit				X	X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LSK02A ²	Liquid Line Solenoid Kit	X	X	X	X	X	X	X
LAKT01	Low-Ambient Kit	X	X	X	X	X	X	
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X
TXV-FX-KX-2T ²	TXV Kit	X	X					
TXV-FX-KX-3T ²	TXV Kit			X	X			
TXV-FX-KX-5T ²	TXV Kit					X	X	X

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

¹ Installed on indoor coil

² Condensing units and heat pumps with reciprocating or rotary compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

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

NOTES

NOTES

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