

Heat Pump TGSZH5

High-Efficiency, Split System Heat Pump, Up To 15.2 SEER2 & 7.8 HSPF2, 1.5 to 5 Tons

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Standard Features

- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Copper tube/enhanced aluminum fin coil - 5mm diameter on 1.5-3.5T
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High and low pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

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



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



*Complete warranty details available from your local dealer or at www.trioheatingandair.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. The duration of warranty coverage in Texas and Florida differs in some cases.

SS-TGSZH5

	GSZH5 01810A*	GSZH5 02410A*	GSZH5 03010A*	GSZH5 03610A*	GSZH5 04210A*	GSZH5 04810A*	GSZH5 06010A*
NOMINAL CAPACITIES							
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
SEER2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
Decibels	68	72	69	72	75	74	76
COMPRESSOR							
RLA	9.0	11.5	14.1	16.0	17.7	19.9	25.6
LRA	42.6	59.5	67.9	91.9	110.2	110.0	151.0
Stage	Single	Single	Single	Single	Single	Single	Two
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Horsepower	1/6	1/6	1/6	1/3	1/4	1/4	1/5
FLA	0.95	0.97	0.97	2.8	1.3	1.3	1.0
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	106	118	119	114	167	222	276
ELECTRICAL DATA							
Volts/Phase (60 Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity ²	12.2	15.3	18.6	22.8	23.4	26.2	33.0
Max. Overcurrent Protection ³	20	25	30	35	40	45	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
UNIT WEIGHTS							
Equipment Weight	171	193	215	222	264	272	309
Shipping Weight	186	213	235	242	284	292	329
ENERGY STAR® CERTIFIED							

¹ Tested and rated in accordance with 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 7/8" to 1 1/4" 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.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

ENERGY STAR NOTES

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet **ENERGY STAR** requirements.

75	550	MBh	17.9	18.2	18.7	19.5	17.8	18.0	18.6	19.4	17.3	17.6	18.1	18.9	16.5	16.8	17.3	18.1	15.5	15.8	16.3	17.1	14.6	14.9	15.4	16.2
		S/T	0.75	0.67	0.54	0.39	0.76	0.68	0.54	0.40	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.47	1.00	1.00	0.66	0.52
		Δ T	22	21	17	14	22	21	17	14	23	21	18	14	22	21	17	14	22	20	17	14	23	21	18	15
		kW	0.99	0.98	0.98	0.99	1.09	1.09	1.09	1.10	1.10	1.22	1.22	1.21	1.22	1.35	1.35	1.35	1.35	1.50	1.50	1.49	1.50	1.67	1.67	1.68
		Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.8	4.8	4.9	4.9	5.4	5.4	5.4	5.5	6.1	6.1	6.1	6.1	6.9	6.9	6.9
	HI PR	232	233	234	239	268	269	271	275	275	307	308	309	313	348	349	350	355	392	393	395	399	440	441	442	446
	LO PR	124	125	128	134	131	133	136	141	141	138	139	142	148	143	145	148	153	149	150	153	159	156	157	160	165
	620	MBh	18.2	18.4	18.9	19.8	18.0	18.2	18.8	19.6	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4
		S/T	0.80	0.73	0.59	0.45	0.81	0.73	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	1.00	0.72	0.57
		Δ T	21	20	17	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	21	17	14
kW		0.99	0.99	0.99	1.00	1.10	1.10	1.10	1.11	1.11	1.22	1.22	1.23	1.35	1.35	1.35	1.36	1.50	1.50	1.50	1.51	1.68	1.67	1.67	1.68	
Amps		3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.5	6.1	6.1	6.1	6.2	6.9	6.9	7.0	
HI PR	234	235	236	240	270	271	273	277	277	308	309	311	315	350	351	352	356	394	395	397	401	441	442	444	448	
LO PR	125	127	130	135	133	134	137	143	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167	
675	MBh	18.3	18.6	19.1	20.0	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	
	S/T	0.83	0.75	0.62	0.47	1.00	0.76	0.62	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.55	1.00	1.00	0.74	0.60	
	Δ T	21	19	16	13	21	19	16	12	21	19	16	13	21	19	16	12	21	19	16	12	22	20	17	13	
	kW	0.99	0.99	0.99	1.00	1.10	1.10	1.10	1.11	1.11	1.23	1.22	1.23	1.36	1.36	1.35	1.36	1.51	1.50	1.50	1.51	1.68	1.68	1.68	1.68	
	Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.1	6.2	7.0	6.9	7.0	
HI PR	235	236	238	242	272	273	274	278	278	310	311	312	316	351	352	354	358	395	396	398	402	443	444	445	449	
LO PR	127	128	131	137	134	136	139	144	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	169	

IDB: Entering Indoor Dry Bulb Temperature

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

		OUTDOOR AMBIENT TEMPERATURE																																															
		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	59	63	67	71	59	63	67	71																
550	MBh	18.0	18.3	18.8	19.6	17.9	18.1	18.7	19.5	17.4	17.7	18.2	19.0	16.6	16.9	17.4	18.2	15.6	15.9	16.4	17.2	14.7	15.0	15.5	16.3	15.0	15.3	15.8	16.6	14.9	15.2	15.7	16.5																
	S/T	1.00	0.80	0.66	0.52	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.00	1.00	0.71	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.64	1.00	1.00	0.79	0.64	1.00	1.00	0.84	0.70																
	Δ T	26	25	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	18	27	25	22	19	27	25	22	19	26	24	21	18																
	kW	0.99	0.99	0.98	0.99	1.10	1.09	1.09	1.10	1.22	1.22	1.21	1.22	1.35	1.35	1.35	1.36	1.50	1.50	1.49	1.50	1.67	1.67	1.67	1.68	1.67	1.67	1.67	1.67	1.67	1.67	1.68																	
	Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.8	4.8	4.8	4.9	5.4	5.4	5.4	5.5	6.1	6.1	6.1	6.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9																
	Hi PR	232	233	235	239	269	270	271	275	307	308	310	314	348	349	351	355	393	394	395	399	440	441	443	447	440	441	443	443	440	441	443	447																
	LO PR	124	126	129	134	132	133	136	142	138	140	143	148	144	145	148	154	149	151	154	159	156	158	161	166	156	158	161	161	156	158	161	166																
620	MBh	18.2	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.6	17.9	18.4	19.2	16.8	17.1	17.6	18.4	15.8	16.1	16.6	17.4	14.9	15.2	15.7	16.5	14.9	15.2	15.7	16.5	14.9	15.2	15.7	16.5																
	S/T	1.00	0.85	0.72	0.57	1.00	0.86	0.72	0.58	1.00	0.89	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	1.00	1.00	0.84	0.70	1.00	1.00	0.84	0.70																
	Δ T	25	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	24	21	18	26	24	21	18	26	24	21	18																
	kW	0.99	0.99	0.99	1.00	1.10	1.10	1.10	1.11	1.22	1.22	1.22	1.23	1.35	1.35	1.35	1.36	1.50	1.50	1.50	1.51	1.68	1.67	1.67	1.68	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.68																
	Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.5	6.1	6.1	6.1	6.2	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.9	6.9	6.9	7.0																	
	Hi PR	234	235	237	241	271	272	273	277	309	310	311	316	350	351	353	357	394	395	397	401	442	443	445	449	442	443	445	445	442	443	445	449																
	LO PR	126	127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	156	161	158	159	162	168	158	159	162	162	158	159	162	168																
675	MBh	18.4	18.7	19.2	20.0	18.3	18.5	19.1	19.9	17.8	18.1	18.6	19.4	17.0	17.3	17.8	18.6	16.0	16.3	16.8	17.6	15.1	15.4	15.9	16.7	15.1	15.4	15.9	16.7	15.1	15.4	15.9	16.7																
	S/T	1.00	0.88	0.74	0.60	1.00	0.89	0.75	0.61	1.00	0.91	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.72																
	Δ T	25	23	20	16	25	23	20	16	25	23	20	17	25	23	20	16	24	23	19	16	25	24	21	17	25	24	21	17	25	24	21	17																
	kW	0.99	0.99	0.99	1.00	1.10	1.10	1.10	1.11	1.23	1.23	1.22	1.23	1.36	1.36	1.36	1.36	1.51	1.50	1.50	1.51	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68																
	Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	6.9	7.0	7.0	6.9	7.0	6.9	7.0	6.9	7.0																	
	Hi PR	235	236	238	242	272	273	275	279	310	311	313	317	351	352	354	358	396	397	398	402	443	444	446	450	443	444	446	446	443	444	446	450																
	LO PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169	159	161	164	164	159	161	164	169																

85	MBh	18.3	18.6	19.1	19.9	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	15.0	15.3	15.8	16.6	15.0	15.3	15.8	16.6
	S/T	1.00	0.90	0.77	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.84	0.7
	Δ T	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	29	28	24	21	30	29	25	22	30	29	25	22	30	29	25	22
	kW	0.99	0.99	0.99	1.0	1.10	1.10	1.09	1.1	1.22	1.22	1.22	1.2	1.35	1.35	1.35	1.4	1.50	1.50	1.50	1.5	1.67	1.67	1.67	1.7	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.68
	Amps	3.8	3.8	3.8	3.8	4.3	4.3	4.3	4.3	4.9	4.8	4.8	4.9	5.5	5.5	5.5	5.5	6.1	6.1	6.1	6.2	6.9	6.9	6.9	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0
	Hi PR	233	234	236	240	270	271	273	277	308	309	311	315	349	350	352	356	394	395	396	400	441	442	444	448	441	442	444	444	441	442	444	448
	LO PR	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	156	151	153	156	161	158	159	163	168	158	159	163	163	158	159	163	168
	MBh	18.5	18.8	19.3	20.2	18.4	18.6	19.2	20.0	17.9	18.2	18.7	19.5	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.8	15.2	15.5	16.0	16.8	15.2	15.5	16.0	16.8
	S/T	1.00	0.96	0.82	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.89	0.8	1.00	1.00	0.89	0.7	1.00	1.00	0.89	0.8
	Δ T	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	28	27	23	20	30	28	25	21	30	28	25	21	30	28	25	21
	kW	0.99	0.99	0.99	1.0	1.10	1.10	1.10	1.1	1.22	1.22	1.22	1.2	1.36	1.36	1.36	1.4	1.50	1.50	1.50	1.5	1.68	1.68	1.68	1.7	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.7

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

Shaded area reflects AHRI Rating Conditions.

kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

75	875	MbH	28.9	29.3	30.2	31.5	28.7	29.1	29.9	31.2	27.9	28.3	29.2	30.5	26.6	27.0	27.9	29.2	25.0	25.4	26.3	27.6	23.6	24.0	24.8	26.2
		S/T	0.75	0.68	0.54	0.39	0.76	0.68	0.54	0.40	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.47	1.00	0.80	0.66	0.52
		Δ T	23	21	18	14	23	21	18	14	23	21	18	15	23	21	18	14	23	21	18	14	24	22	19	15
		kW	1.63	1.63	1.62	1.64	1.81	1.81	1.81	1.82	1.82	2.02	2.02	2.01	2.03	2.24	2.24	2.24	2.25	2.49	2.49	2.48	2.50	2.78	2.78	2.79
		Amps	6.0	6.0	6.0	6.1	6.9	6.8	6.8	6.9	7.8	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.9	10.0	10.0	9.9	10.0	11.3	11.3	11.3
	Hi PR	240	242	243	247	278	279	281	285	318	319	321	325	325	361	362	364	368	407	408	410	414	456	457	459	463
	LO PR	120	122	125	130	128	129	132	137	134	136	139	144	144	140	141	144	149	145	146	149	155	152	153	156	161
	975	MbH	29.3	29.7	30.6	31.9	29.0	29.4	30.3	31.6	28.3	28.7	29.5	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	26.5
		S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.60	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	0.73	0.58
		Δ T	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	21	20	16	13	23	21	18	14
kW		1.64	1.63	1.63	1.65	1.82	1.82	1.82	1.83	1.83	2.03	2.03	2.02	2.04	2.25	2.25	2.24	2.26	2.50	2.50	2.49	2.51	2.79	2.79	2.79	2.80
Amps		6.1	6.0	6.0	6.1	6.9	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.9	8.9	8.9	8.8	8.9	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4
Hi PR	243	244	245	249	280	281	283	287	320	321	323	327	327	363	364	366	370	409	410	412	416	458	459	461	465	
LO PR	122	124	127	132	130	131	134	139	139	136	137	141	146	141	143	146	151	147	148	151	156	153	155	158	163	
1125	MbH	29.7	30.2	31.0	32.3	29.5	29.9	30.8	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.3	27.1	28.4	24.4	24.8	25.7	27.0	
	S/T	0.85	0.77	0.63	0.49	0.86	0.78	0.64	0.49	1.00	0.80	0.67	0.52	1.00	0.82	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.76	0.61	
	Δ T	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	16	12	22	20	17	13	
	kW	1.64	1.64	1.64	1.65	1.83	1.83	1.82	1.84	1.84	2.03	2.03	2.03	2.04	2.26	2.26	2.25	2.27	2.51	2.51	2.50	2.52	2.80	2.80	2.79	2.81
	Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	8.9	10.0	10.0	10.0	10.0	11.4	11.4	11.4	11.4
Hi PR	244	246	247	251	282	283	285	289	328	322	323	325	329	365	366	368	372	411	412	414	418	460	461	463	467	
LO PR	124	126	129	134	132	133	136	141	141	138	139	142	148	143	145	148	153	149	150	153	158	155	157	160	165	

DB: 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 (compressor + fan)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	

85	875	MBh	29.5	30.0	30.8	32.1	29.3	29.7	30.6	31.9	28.5	28.9	29.8	31.1	27.2	27.6	28.5	29.8	25.6	26.1	26.9	28.2	24.2	24.6	25.5	26.8
		S/T	1.00	0.91	0.77	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.8
		Δ T	30	28	25	22	30	28	25	22	30	29	25	22	30	28	25	22	30	28	25	21	31	29	26	23
		kW	1.63	1.63	1.63	1.6	1.82	1.81	1.81	1.8	2.02	2.02	2.02	2.0	2.24	2.24	2.24	2.3	2.49	2.49	2.49	2.5	2.79	2.78	2.78	2.8
		Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4
	Hi PR	242	243	245	249	280	281	283	287	320	321	322	327	362	363	363	365	369	409	410	411	415	458	459	460	465
	LO PR	123	124	127	132	130	132	135	140	137	138	141	146	142	143	147	152	157	147	149	152	157	154	155	159	164
	1000	MBh	29.9	30.3	31.2	32.5	29.7	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2
		S/T	1.00	0.97	0.83	0.7	1.00	0.98	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8
		Δ T	29	27	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	28	25	21
kW		1.64	1.64	1.64	1.7	1.83	1.82	1.82	1.8	2.03	2.03	2.03	2.0	2.25	2.25	2.25	2.3	2.50	2.50	2.50	2.5	2.80	2.79	2.79	2.8	
Amps		6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.8	7.9	8.9	8.9	8.9	8.9	10.0	10.0	10.0	10.1	11.4	11.4	11.3	11.4	
1125	Hi PR	244	245	247	251	282	283	285	289	322	323	324	329	364	366	367	371	411	412	413	418	460	461	463	467	
	LO PR	125	126	129	134	132	133	136	142	138	140	143	148	144	145	148	153	149	151	154	159	156	157	160	165	
	MBh	30.4	30.8	31.7	33.0	30.1	30.5	31.4	32.7	29.4	29.8	30.6	32.0	28.1	28.5	29.3	30.7	26.5	26.9	27.8	29.1	25.0	25.4	26.3	27.6	
	S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.92	0.8	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.8	
	Δ T	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	20	29	27	24	21	

DB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI Rating Conditions.

Amps = Outdoor unit amps (compressor + fan)

75	1400	MBh	46.9	47.5	48.9	51.0	46.5	47.1	48.5	50.6	45.3	45.9	47.3	49.4	43.2	43.8	45.2	47.3	40.6	41.3	42.7	44.8	38.3	39.0	40.4	42.5
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.57	0.43	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.69	0.55
		Δ T	23	21	17	14	22	21	17	14	23	21	18	14	22	21	17	14	22	20	17	14	23	22	18	15
		kW	2.52	2.52	2.51	2.53	2.81	2.81	2.80	2.83	3.14	3.14	3.13	3.15	3.49	3.49	3.49	3.51	3.89	3.89	3.88	3.90	4.35	4.35	4.35	4.37
		Amps	9.3	9.3	9.3	9.4	10.7	10.7	10.6	10.8	12.2	12.2	12.1	12.2	13.8	13.8	13.8	13.9	15.6	15.6	15.6	15.7	17.7	17.7	17.7	17.8
		Hi PR	244	245	247	251	282	283	285	289	322	323	323	329	365	366	368	372	412	413	414	419	461	462	464	468
	LO PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	156	161	
	1600	MBh	47.5	48.1	49.5	51.6	47.1	47.7	49.1	51.2	45.9	46.5	47.9	50.0	43.8	44.4	45.8	47.9	41.2	41.9	43.3	45.4	38.9	39.6	40.9	43.1
		S/T	0.81	0.73	0.60	0.46	0.81	0.74	0.60	0.46	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.58
		Δ T	22	20	17	13	22	20	16	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14
		kW	2.53	2.53	2.52	2.54	2.82	2.82	2.82	2.84	3.15	3.15	3.14	3.17	3.50	3.50	3.50	3.52	3.90	3.90	3.89	3.91	4.36	4.36	4.36	4.38
		Amps	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.8	13.9	15.7	15.6	15.6	15.7	17.8	17.8	17.7	17.9
Hi PR		246	247	248	253	284	285	287	291	324	325	327	331	367	368	370	374	413	413	414	416	420	463	464	466	470
LO PR	122	124	127	132	129	131	134	139	136	137	140	145	141	142	145	151	146	148	151	156	153	154	157	162		
1800	MBh	48.4	49.1	50.4	52.6	48.0	48.6	50.0	52.1	46.8	47.4	48.8	50.9	44.7	45.4	46.7	48.9	42.2	42.8	44.2	46.3	39.8	40.5	41.9	44.0	
	S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.55	1.00	1.00	0.74	0.60	
	Δ T	21	19	16	12	21	19	16	12	21	19	16	12	21	19	16	12	21	19	15	12	22	20	16	13	
	kW	2.54	2.54	2.54	2.56	2.84	2.83	2.83	2.85	3.16	3.16	3.16	3.18	3.52	3.51	3.51	3.53	3.91	3.91	3.90	3.93	4.38	4.37	4.37	4.39	
	Amps	9.4	9.4	9.4	9.5	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	13.9	13.9	13.9	14.0	15.7	15.7	15.7	15.8	17.8	17.8	17.8</		

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

Amps = Outdoor unit amps (compressor + fan)

HEATING DATA

GSZH501810A*+AMST30BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	22.7	21.2	19.8	18.3	17.4	16.7	15.0	13.4	12.1	11.1	10.4	10.0	9.5	8.3	7.0	5.8	4.6
T/R	32.6	30.8	28.9	27.1	26.0	25.0	22.4	20.0	18.0	16.6	15.5	14.9	14.2	12.4	10.5	8.7	6.8
kW	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
Amps	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7
COP	4.79	4.55	4.31	4.06	3.90	3.77	3.44	3.13	2.88	2.69	2.57	2.50	2.40	2.13	1.85	1.55	1.25
HI PR	363	351	339	327	320	315	304	292	280	268	257	249	245	233	221	209	198
LO PR	148	139	130	121	115	111	102	93	84	74	65	60	56	47	38	28	19

GSZH502410A*+AMST30BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	30.5	28.4	26.4	24.5	23.2	22.2	19.8	17.7	15.9	14.5	13.5	13.0	12.3	10.6	8.9	7.2	5.5
T/R	33.9	32.0	30.0	28.0	26.9	25.7	23.0	20.4	18.4	16.8	15.7	15.0	14.3	12.3	10.3	8.4	6.4
kW	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.3
Amps	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	5.9	5.7	5.5	5.4	5.3	5.0	4.8	4.6	4.4
COP	4.41	4.22	4.03	3.84	3.70	3.59	3.30	3.02	2.80	2.65	2.55	2.50	2.40	2.15	1.87	1.57	1.25
HI PR	377	365	353	340	333	328	316	304	291	279	267	259	254	242	230	218	205
LO PR	142	133	124	116	110	107	98	89	80	71	62	57	54	45	36	27	18

GSZH503010A*+AMST30BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	36.4	34.2	32.0	29.8	28.4	27.4	24.8	22.4	20.5	19.0	18.0	17.4	16.7	14.8	13.0	11.2	9.3
T/R	32.4	30.7	29.0	27.3	26.3	25.4	23.0	20.8	18.9	17.6	16.6	16.1	15.4	13.7	12.0	10.3	8.6
kW	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9
Amps	8.7	8.6	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.6
COP	4.49	4.28	4.06	3.85	3.70	3.59	3.31	3.04	2.81	2.66	2.56	2.50	2.41	2.18	1.95	1.70	1.45
HI PR	385	373	360	348	340	335	323	310	298	285	273	265	260	248	235	222	210
LO PR	137	129	120	112	107	103	95	86	77	69	60	55	52	43	35	26	18

GSZH503610A*+AMST42CU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	44.8	41.9	39.0	36.2	34.4	33.1	29.7	26.6	24.0	22.1	20.8	20.0	19.0	16.6	14.2	11.8	9.4
T/R	36.9	34.8	32.8	30.7	29.5	28.4	25.5	22.8	20.6	19.0	17.8	17.1	16.3	14.3	12.2	10.1	8.1
kW	3.1	3.1	3.0	2.9	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1
Amps	12.0	11.6	11.3	11.0	10.8	10.7	10.4	10.0	9.7	9.4	9.1	8.9	8.8	8.5	8.1	7.8	7.5
COP	4.17	4.00	3.81	3.63	3.50	3.40	3.13	2.88	2.68	2.54	2.45	2.40	2.31	2.08	1.84	1.58	1.30
HI PR	397	384	371	358	351	345	332	320	307	294	281	273	268	255	242	229	216
LO PR	133	125	117	108	104	100	92	84	75	67	59	54	50	42	34	26	17

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

GSZH504210A*+AMST42CU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	51.6	48.3	45.2	42.0	40.0	38.5	34.8	31.3	28.5	26.4	24.8	24.0	22.9	20.3	17.6	14.9	12.3
T/R	34.3	32.4	30.6	28.7	27.6	26.6	24.0	21.6	19.7	18.2	17.2	16.6	15.8	14.0	12.2	10.3	8.5
kW	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.7	2.7
Amps	12.9	12.6	12.4	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.8	10.6	10.5	10.3	10.0	9.8	9.6
COP	4.38	4.17	3.96	3.74	3.60	3.49	3.21	2.94	2.72	2.56	2.46	2.40	2.31	2.08	1.84	1.59	1.34
HI PR	395	382	369	356	348	343	330	318	305	292	279	271	266	253	241	228	215
LO PR	132	124	115	107	102	99	91	83	74	66	58	53	50	42	33	25	17

GSZH504810A*+AMST48CU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	59.1	55.4	51.8	48.3	46.0	44.4	40.2	36.2	33.0	30.7	28.9	28.0	26.8	23.8	20.8	17.8	14.8
T/R	36.0	34.1	32.2	30.3	29.2	28.1	25.5	23.0	20.9	19.4	18.3	17.8	17.0	15.1	13.2	11.3	9.4
kW	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.1	3.1	3.0
Amps	14.5	14.2	13.9	13.7	13.5	13.4	13.2	12.9	12.6	12.4	12.1	12.0	11.9	11.6	11.3	11.1	10.8
COP	4.48	4.27	4.06	3.85	3.70	3.59	3.31	3.03	2.81	2.66	2.55	2.50	2.41	2.18	1.94	1.69	1.44
HI PR	433	419	405	391	382	376	362	348	334	320	306	298	292	278	264	250	236
LO PR	137	128	120	111	106	103	94	86	77	69	60	55	52	43	35	26	18

GSZH506010A*+AMST60DU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	71.1	67.2	63.3	59.5	57.0	55.2	51.0	46.4	43.2	40.7	38.9	38.0	36.7	33.6	30.4	27.2	24.1
T/R	35.4	33.7	32.1	30.5	29.5	28.6	26.4	24.2	22.4	21.1	20.1	19.7	19.0	17.4	15.7	14.1	12.4
kW	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8
Amps	17.8	17.5	17.2	17.0	16.8	16.7	16.4	16.1	15.8	15.5	15.3	15.1	15.0	14.7	14.4	14.1	13.8
COP	4.39	4.20	4.02	3.83	3.70	3.60	3.38	3.12	2.95	2.82	2.74	2.70	2.63	2.44	2.24	2.04	1.84
HI PR	427	413	400	386	377	372	358	344	330	316	302	294	288	274	261	247	233
LO PR	130	122	114	105	101	97	89	81	73	65	57	52	49	41	33	25	17

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

GSZH501810A* + AMST30BU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 620 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	18,850	14,150	4,700	1,100
80	18,650	14,000	4,650	1,160
85	18,400	13,800	4,600	1,220
90	18,000	13,500	4,500	1,290
95	17,600	13,150	4,450	1,350
100	17,100	12,800	4,300	1,430
105	16,600	12,450	4,150	1,500
110	16,150	12,100	4,050	1,590
115	15,700	11,750	3,950	1,670
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	16,950	13,200	3,750	1,350

GSZH502410A* + AMST30BU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 800 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	24,900	18,600	6,300	1,440
80	24,600	18,400	6,200	1,530
85	24,250	18,150	6,100	1,610
90	23,750	17,750	6,000	1,700
95	23,200	17,350	5,850	1,780
100	22,550	16,900	5,650	1,880
105	21,900	16,400	5,500	1,980
110	21,300	15,950	5,350	2,100
115	20,700	15,500	5,200	2,210
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,350	17,400	4,950	1,780

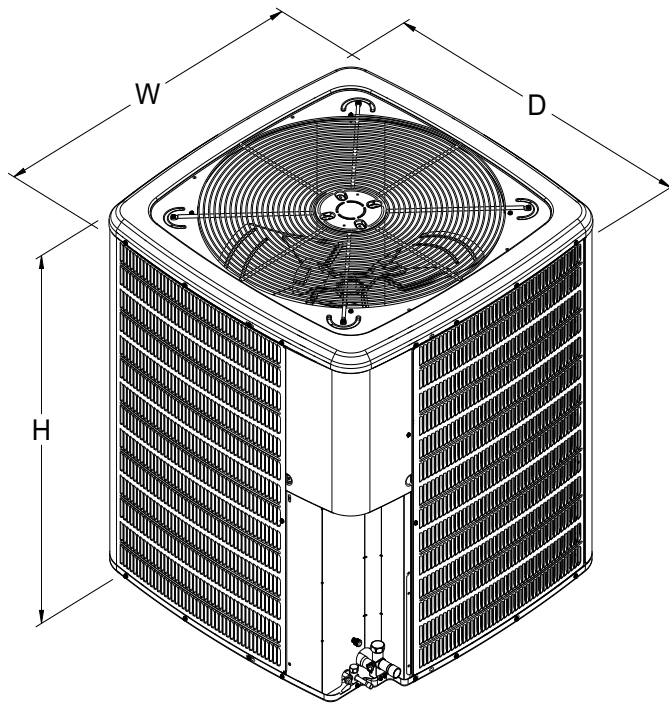
GSZH503010A* + AMST30BU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,450	23,100	7,350	1,820
80	30,100	22,850	7,250	1,920
85	29,700	22,550	7,150	2,020
90	29,050	22,050	7,000	2,140
95	28,400	21,550	6,850	2,250
100	27,600	20,950	6,650	2,380
105	26,800	20,350	6,450	2,500
110	26,100	19,800	6,300	2,650
115	25,350	19,250	6,100	2,790
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,400	21,650	5,750	2,250

GSZH503610A* + AMST42CU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1200 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	37,800	28,250	9,550	2,170
80	37,350	27,900	9,450	2,310
85	36,900	27,550	9,350	2,440
90	36,100	26,950	9,150	2,590
95	35,300	26,350	8,950	2,730
100	34,350	25,650	8,700	2,890
105	33,350	24,900	8,450	3,050
110	32,450	24,250	8,200	3,240
115	31,550	23,600	7,950	3,430
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	34,050	26,400	7,650	2,730

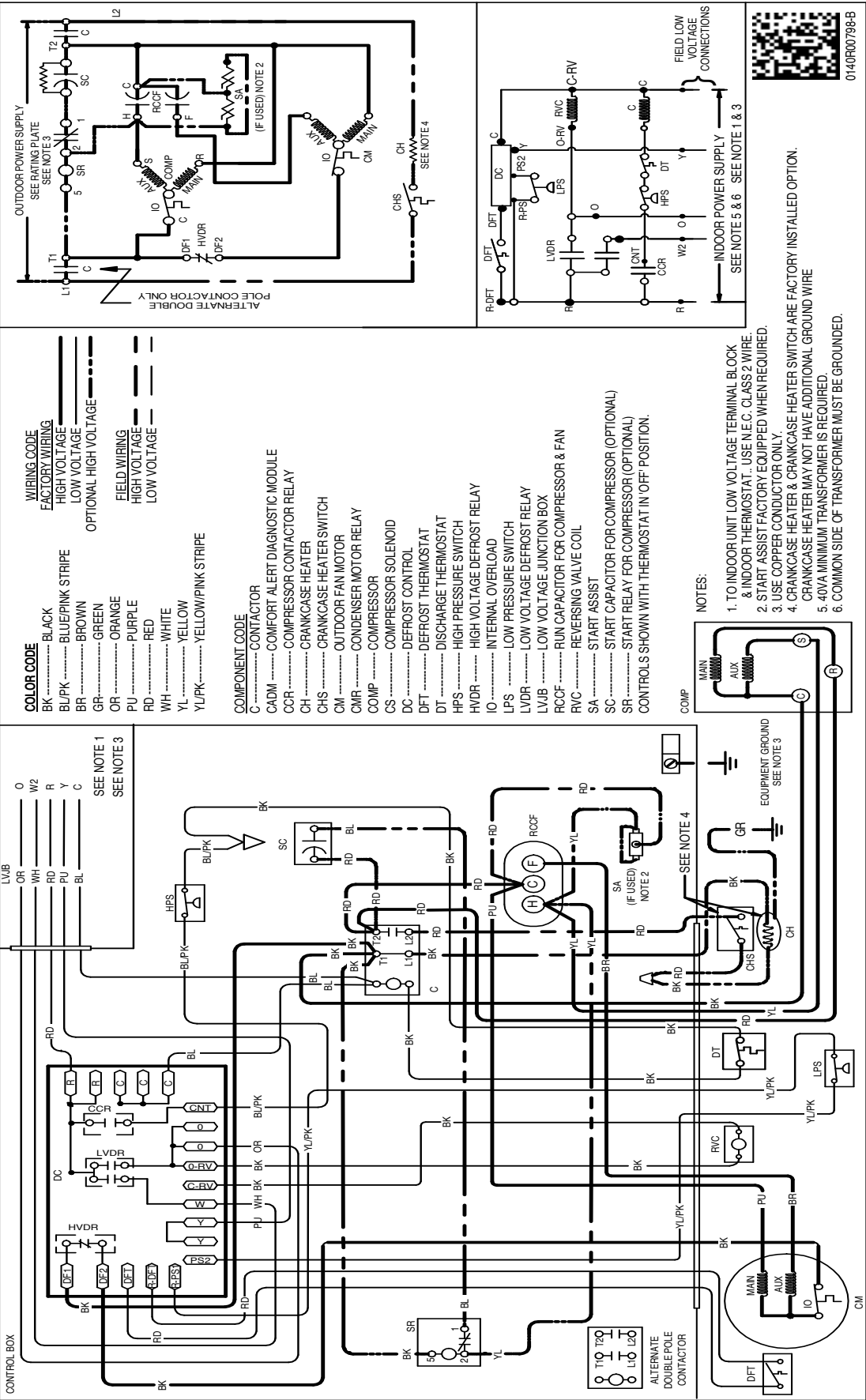
GSZH504210A* + AMST42CU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1340 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	42,900	31,950	10,950	2,500
80	42,400	31,550	10,850	2,640
85	41,850	31,150	10,700	2,780
90	40,950	30,500	10,450	2,940
95	40,000	29,800	10,200	3,090
100	38,900	28,950	9,950	3,260
105	37,750	28,100	9,650	3,430
110	36,750	27,350	9,400	3,630
115	35,750	26,600	9,150	3,830
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	38,550	29,850	8,700	3,090

GSZH504810A* + AMST48CU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1600 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	49,350	37,100	12,250	2,820
80	48,750	36,650	12,100	2,980
85	48,150	36,200	11,950	3,140
90	47,100	35,400	11,700	3,320
95	46,050	34,600	11,450	3,500
100	44,800	33,650	11,150	3,700
105	43,500	32,700	10,800	3,890
110	42,350	31,850	10,500	4,130
115	41,200	30,950	10,250	4,360
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	44,450	34,700	9,750	3,500

GSZH506010A* + AMST60DU1400A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1800 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	60,600	44,900	15,700	3,760
80	59,850	44,350	15,500	4,000
85	59,100	43,750	15,350	4,230
90	57,800	42,800	15,000	4,490
95	56,500	41,850	14,650	4,750
100	54,950	40,700	14,250	5,040
105	53,350	39,500	13,850	5,320
110	51,900	38,450	13,450	5,660
115	50,450	37,400	13,050	6,000
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	54,500	42,000	12,500	4,750



MODEL	DIMENSIONS		
	W"	D"	H"
GSZH501810A*	29	29	39½
GSZH502410A*	35½	35½	35¾
GSZH503010A*	35½	35½	39½
GSZH503610A*	35½	35½	39½
GSZH504210A*	35½	35½	35¾
GSZH504810A*	35½	35½	36½
GSZH506010A*	35½	35½	41¾



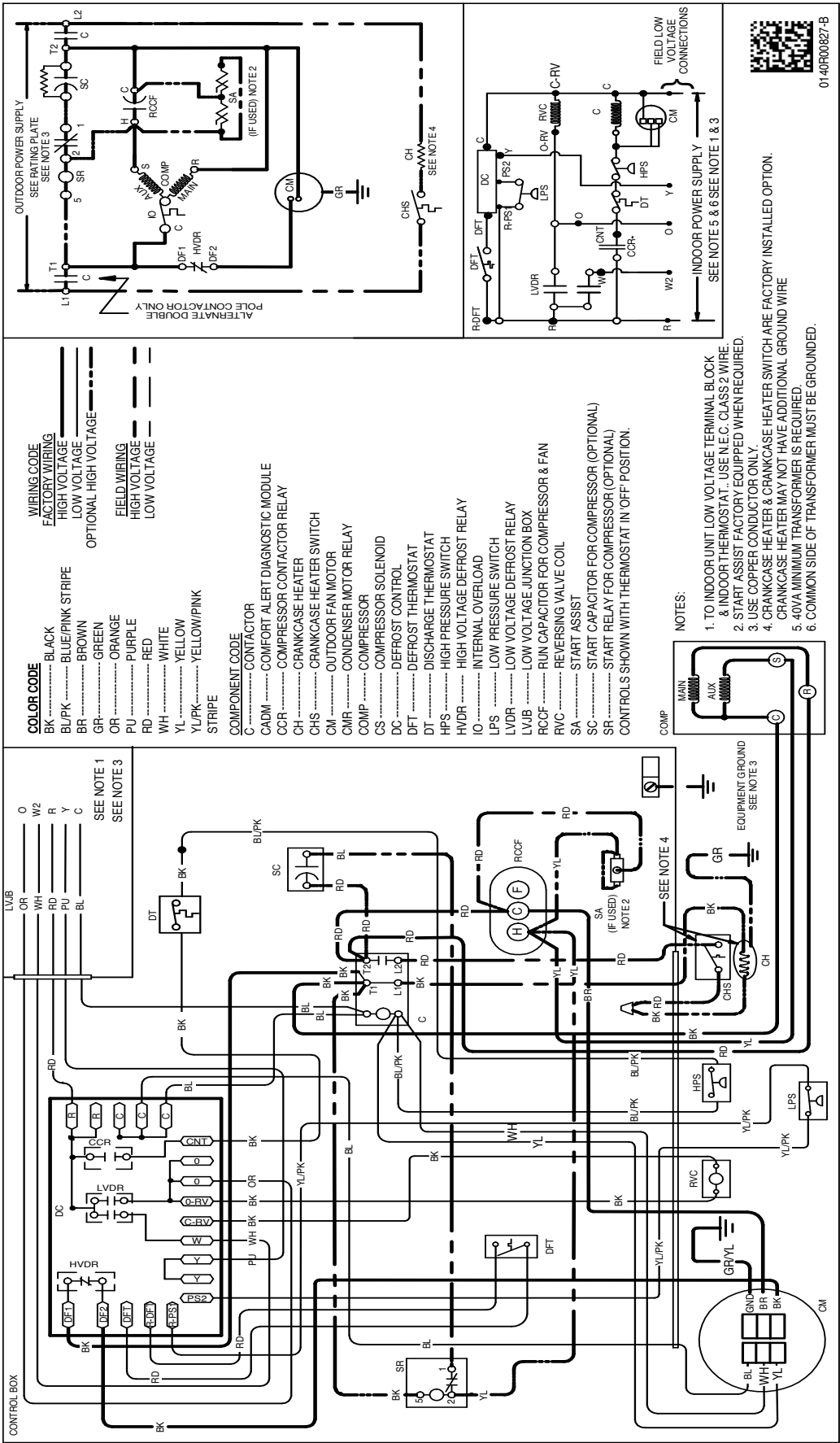
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



WARNING

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

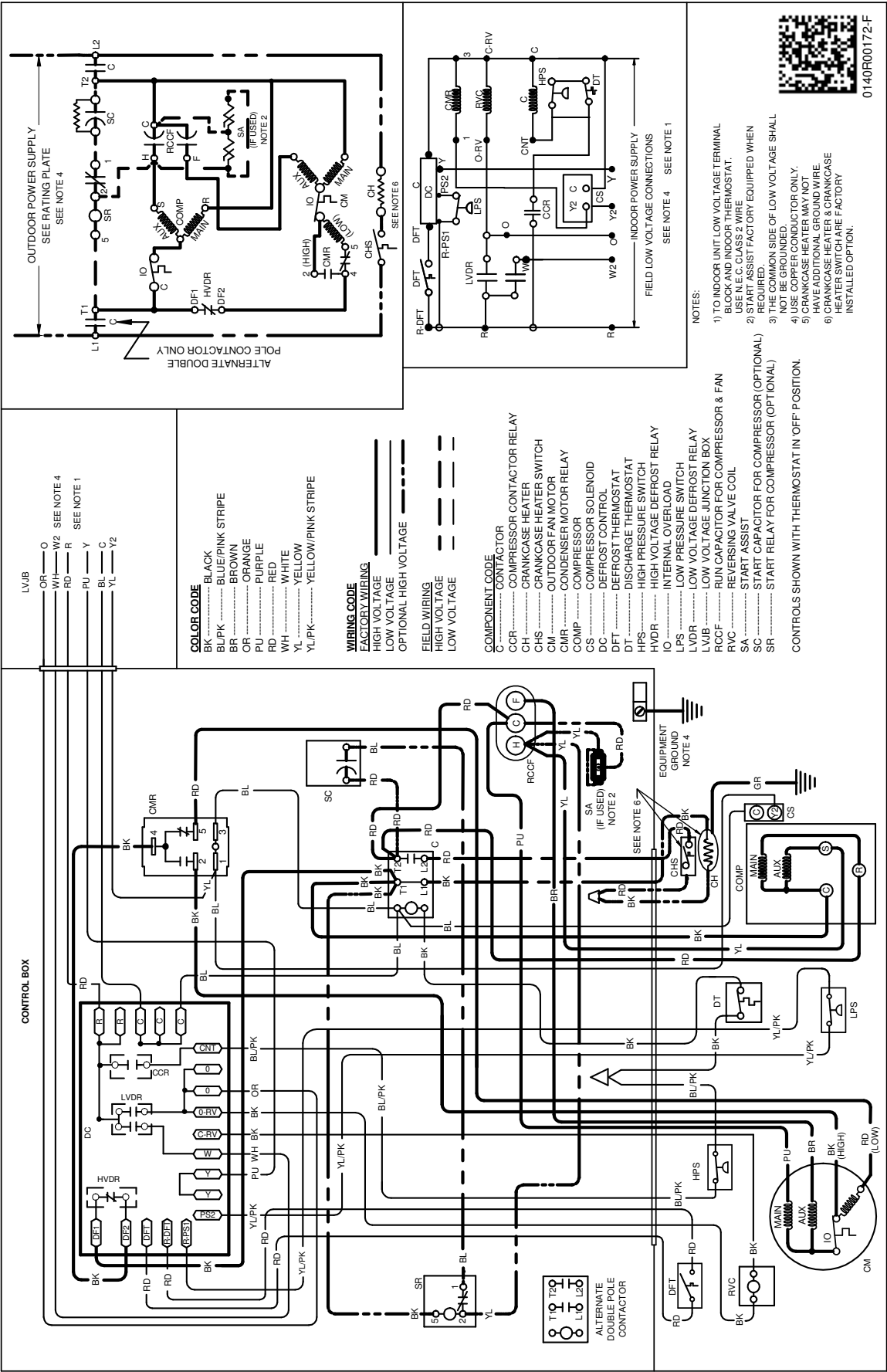




Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING

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



Wiring 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 #	DESCRIPTION	GSZH5 01810A*	GSZH5 02410A*	GSZH5 03010A*	GSZH5 03610A*	GSZH5 04210A*	GSZH5 04810A*	GSZH5 06010A*
ABK-20	Anchor Bracket Kit ⁰	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X	X	X	X
TXV-FX-KX-2T ³	TXV Kit	X	X					
TXV-FX-KX-3T ³	TXV Kit			X	X			
TXV-FX-KX-5T ³	TXV Kit					X	X	X

⁰ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

³ 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.

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