



Air Conditioning & Heating

NOMINAL COOLING CAPACITY:
22,000 TO 52,000 BTU/H

NOMINAL HEATING CAPACITY:
22,000 TO 52,000 BTU/H



GSZ13

ENERGY-EFFICIENT 50 Hz SPLIT SYSTEM HEAT PUMP 2 TO 5 TONS

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Standard Features

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- 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
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection

Cabinet Features

- Goodman® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating

NOMENCLATURE

	G	S	Z	13	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand	G Goodman® (Standard Feature Set Models)		S Goodman® (High Feature Set Models)				Engineering *		Minor Revision
Product Category	S Split System						Engineering *		Major Revision
Unit Type	C Condenser R-22		X Condenser R-410A		H Heat Pump R-22		Z Heat Pump R-410A		
Efficiency	13 13 SEER		14 14 SEER		16 16 SEER				
							Electrical		
							1 208/230 V, 1 Phase, 60 Hz		
							2 220/240 V, 1 Phase, 50 Hz		
							3 208/230 V, 3 Phase, 60 Hz		
							4 460 V, 3 Phase, 60 Hz		
							5 380/415 V, 3 Phase, 50 Hz		
							Nominal Capacity		
							018 1½ Tons		048 4 Tons
							024 2 Tons		060 5 Tons
							030 2½ Tons		090 7½ tons
							036 3 Tons		120 10 Tons
							042 3½ Tons		
									* Neither used for order entry or inventory management.

SPECIFICATIONS

	GSZ13 0242A*	GSZ13 0362A*	GSZ13 0365A*	GSZ13 0485A*	GSZ13 0605A*
NOMINAL CAPACITIES					
Cooling (BTU/h)	22,000	32,000	31,500	43,500	52,000
Heating (BTU/h)	22,000	32,000	31,500	43,500	52,000
Decibels					
COMPRESSOR					
RLA	11.2	16.0	6.0	6.8	8.5
LRA	60	87.0	46.0	51.5	67.1
Type	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR					
Horsepower	1/4	1/4	1/4	1/4	1/3
FLA	0.90	0.90	0.80	0.80	1.20
REFRIGERATION SYSTEM					
Refrigerant Line Size ¹					
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	99	128	149	204	231
Shipped with Orifice Size	0.057	0.071	0.071	0.078	0.088
ELECTRICAL DATA					
Volts-Hz/Phase	216-253/50/1	216-253/50/1	216-253/50/3	216-253/50/3	216-253/50/3
Minimum Circuit Ampacity ²	14.9	20.9	8.3	9.3	11.8
Max. Overcurrent Protection ³	25	35	15	15	20
Min / Max Volts	198 / 264	198 / 264	198 / 264	198 / 264	198 / 264
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
SHIP WEIGHT (LBS)					
	198	202	232	240	266

¹ Tested and rated in accordance with ARI 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 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

COOLING DATA — GSZ130242A*/A24-00-2RC

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE															
		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				
700	MBh	20.6	21.4	23.4	-	20.1	20.9	22.9	-	19.7	20.4	22.3	-	19.2	19.9	21.8	-	18.2	18.9	20.7	-	18.2	18.9	20.7	-	16.9	17.5	19.2	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	1.58	1.61	1.66	-	1.70	1.73	1.78	-	1.80	1.83	1.89	-	1.89	1.93	1.99	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-
	Amps	6.0	6.1	6.3	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-
	Hi PR	226	243	257	-	253	273	288	-	288	310	328	-	328	353	373	-	369	397	420	-	369	397	420	-	408	439	464	-
Lo PR	98	104	114	-	103	110	120	-	107	114	125	-	113	120	131	-	118	126	137	-	118	126	137	-	122	130	142	-	
750	MBh	20.9	21.7	23.8	-	20.4	21.2	23.2	-	20.0	20.7	22.7	-	19.5	20.2	22.1	-	18.5	19.2	21.0	-	18.5	19.2	21.0	-	17.1	17.8	19.5	-
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	1.60	1.64	1.68	-	1.72	1.75	1.81	-	1.82	1.86	1.92	-	1.91	1.95	2.01	-	1.99	2.03	2.10	-	1.99	2.03	2.10	-	2.06	2.10	2.17	-
	Amps	6.1	6.2	6.4	-	6.6	6.7	7.0	-	7.1	7.3	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.6	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-
	Hi PR	230	247	261	-	258	277	293	-	293	316	333	-	334	359	380	-	376	404	427	-	376	404	427	-	415	447	472	-
Lo PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	120	128	140	-	124	132	144	-	
900	MBh	21.7	22.5	24.6	-	21.2	21.9	24.0	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.1	19.8	21.7	-	19.1	19.8	21.7	-	17.7	18.4	20.1	-
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	1.63	1.66	1.71	-	1.75	1.78	1.84	-	1.85	1.89	1.95	-	1.94	1.98	2.05	-	2.02	2.06	2.13	-	2.02	2.06	2.13	-	2.09	2.13	2.20	-
	Amps	6.2	6.3	6.6	-	6.7	6.9	7.1	-	7.3	7.4	7.7	-	7.8	8.0	8.2	-	8.3	8.5	8.7	-	8.3	8.5	8.7	-	8.8	9.0	9.3	-
	Hi PR	234	252	266	-	263	283	299	-	299	322	340	-	341	367	387	-	383	412	436	-	383	412	436	-	423	456	481	-
Lo PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	123	130	142	-	123	130	142	-	127	135	147	-	
75	MBh	21.0	21.6	23.4	25.1	20.5	21.1	22.8	24.5	20.0	20.6	22.3	23.9	19.5	20.1	21.7	23.3	18.5	19.1	20.6	22.2	18.5	19.1	20.6	22.2	17.2	17.7	19.1	20.5
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
	kW	1.59	1.63	1.67	1.73	1.71	1.75	1.80	1.85	1.81	1.85	1.91	1.97	1.90	1.94	2.00	2.07	1.98	2.02	2.08	2.15	1.98	2.02	2.08	2.15	2.04	2.09	2.15	2.22
	Amps	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.9	8.1	8.3	8.5	8.9	8.5	8.7	9.0	9.4
	Hi PR	228	246	259	270	256	276	291	303	291	313	331	345	332	357	377	393	373	402	424	442	373	402	424	442	412	444	468	489
Lo PR	99	105	115	122	104	111	121	129	108	115	126	134	114	121	132	141	119	127	139	148	119	127	139	148	123	131	143	153	
750	MBh	21.3	21.9	23.7	25.5	20.8	21.4	23.2	24.9	20.3	20.9	22.6	24.3	19.8	20.4	22.1	23.7	18.8	19.4	21.0	22.5	18.8	19.4	21.0	22.5	17.4	17.9	19.4	20.8
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	21	19	16	11	20	18	15	10
	kW	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.84	1.87	1.93	1.99	1.93	1.97	2.03	2.10	2.01	2.05	2.11	2.18	2.01	2.05	2.11	2.18	2.07	2.12	2.18	2.26
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.0	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
	Hi PR	232	250	264	275	260	280	296	309	296	319	337	351	337	363	383	400	380	408	431	450	380	408	431	450	419	451	477	497
Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	135	143	121	129	141	150	121	129	141	150	126	134	146	155	
900	MBh	22.0	22.7	24.6	26.3	21.5	22.2	24.0	25.7	21.0	21.6	23.4	25.1	20.5	21.1	22.8	24.5	19.5	20.0	21.7	23.3	19.5	20.0	21.7	23.3	18.0	18.6	20.1	21.6
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	19	18	15	10	18	17	14	9
	kW	1.64	1.67	1.72	1.78	1.76	1.80	1.85	1.91	1.86	1.90	1.96	2.03	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.22	2.04	2.08	2.15	2.22	2.11	2.15	2.22	2.29
	Amps	6.3	6.4	6.6	6.9	6.8	6.9	7.1	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2	8.3	8.5	8.8	9.2	8.8	9.1	9.4	9.7
	Hi PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	387	417	440	459	428	460	486	507
Lo PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	124	132	144	153	128	136	149	158	

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

Shaded area reflects ACCA (TV) Rating Conditions

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

COOLING DATA — GSZ130242A*/A24-00-2RC (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		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
700	MBh	21.3	21.8	23.3	24.9	20.8	21.3	22.8	24.3	20.3	20.8	22.2	23.7	19.8	20.3	21.7	23.2	18.9	19.3	20.6	22.0	17.5	17.8	19.1	20.4
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
	kW	1.61	1.64	1.69	1.74	1.72	1.76	1.81	1.87	1.83	1.86	1.92	1.98	1.92	1.96	2.02	2.08	1.99	2.04	2.10	2.17	2.06	2.10	2.17	2.24
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
	Hi PR	231	248	262	273	259	278	294	307	294	317	334	349	335	361	381	397	377	406	428	447	416	448	473	494
	Lo PR	100	106	116	123	105	112	122	130	109	116	127	135	115	122	134	142	121	128	140	149	125	133	145	154
	MBh	21.7	22.1	23.7	25.3	21.2	21.6	23.1	24.7	20.7	21.1	22.6	24.1	20.2	20.6	22.0	23.5	19.1	19.6	20.9	22.3	17.7	18.1	19.4	20.7
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.05	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27	
Amps	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6	
Hi PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502	
Lo PR	101	108	118	125	107	114	124	133	111	119	129	138	117	124	136	145	123	130	142	152	127	135	147	157	
MBh	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.8	23.3	24.9	20.9	21.3	22.8	24.3	19.8	20.2	21.6	23.1	18.4	18.8	20.0	21.4	
S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.90	0.79	0.59	1.00	0.90	0.82	0.61	1.00	0.90	0.82	0.62	
ΔT	22	21	18	14	22	21	18	14	22	21	18	15	21	22	18	15	20	21	18	14	19	19	17	13	
kW	1.65	1.69	1.74	1.79	1.77	1.81	1.87	1.92	1.88	1.92	1.98	2.04	1.97	2.02	2.08	2.15	2.05	2.10	2.16	2.24	2.12	2.17	2.24	2.31	
Amps	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	
Hi PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	464	432	465	491	512	
Lo PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	
750	MBh	21.7	22.1	23.2	24.7	21.2	21.6	22.6	24.1	20.7	21.1	22.6	24.1	20.2	20.6	22.0	23.5	19.1	19.6	20.9	22.3	17.7	18.1	19.4	20.7
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
	kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.05	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27
	Amps	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6
	Hi PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502
	Lo PR	101	108	118	125	107	114	124	133	111	119	129	138	117	124	136	145	123	130	142	152	127	135	147	157
	MBh	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.8	23.3	24.9	20.9	21.3	22.8	24.3	19.8	20.2	21.6	23.1	18.4	18.8	20.0	21.4
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.90	0.79	0.59	1.00	0.90	0.82	0.61	1.00	0.90	0.82	0.62
	ΔT	22	21	18	14	22	21	18	14	22	21	18	15	21	22	18	15	20	21	18	14	19	19	17	13
kW	1.65	1.69	1.74	1.79	1.77	1.81	1.87	1.92	1.88	1.92	1.98	2.04	1.97	2.02	2.08	2.15	2.05	2.10	2.16	2.24	2.12	2.17	2.24	2.31	
Amps	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	
Hi PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	464	432	465	491	512	
Lo PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	
80	MBh	21.7	22.1	23.2	24.7	21.2	21.6	22.6	24.1	20.7	21.1	22.6	24.1	20.2	20.6	22.0	23.5	19.1	19.6	20.9	22.3	17.7	18.1	19.4	20.7
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15
	kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.05	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27
	Amps	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6
	Hi PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502
	Lo PR	101	108	118	125	107	114	124	133	111	119	129	138	117	124	136	145	123	130	142	152	127	135	147	157
	MBh	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.8	23.3	24.9	20.9	21.3	22.8	24.3	19.8	20.2	21.6	23.1	18.4	18.8	20.0	21.4
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.90	0.79	0.59	1.00	0.90	0.82	0.61	1.00	0.90	0.82	0.62
	ΔT	22	21	18	14	22	21	18	14	22	21	18	15	21	22	18	15	20	21	18	14	19	19	17	13
kW	1.65	1.69	1.74	1.79	1.77	1.81	1.87	1.92	1.88	1.92	1.98	2.04	1.97	2.02	2.08	2.15	2.05	2.10	2.16	2.24	2.12	2.17	2.24	2.31	
Amps	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	
Hi PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	464	432	465	491	512	
Lo PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	
85	MBh	21.7	22.1	23.2	24.7	21.2	21.6	22.6	24.1	20.7	21.1	22.6	24.1	20.2	20.6	22.0	23.5	19.1	19.6	20.9	22.3	17.7	18.1	19.4	20.7
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	ΔT	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	24	22	19
	kW	1.62	1.65	1.70	1.75	1.74	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.97	2.03	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0</				

COOLING DATA — GSZ130362A*/A36-00-2RC

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		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
70	MBh	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.9	28.9	31.7	-	26.5	27.5	30.1	-	24.5	25.4	27.9	-
	S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
	kW	2.48	2.53	2.60	-	2.66	2.71	2.79	-	2.81	2.87	2.96	-	2.95	3.01	3.11	-	3.07	3.13	3.23	-	3.17	3.24	3.34	-
	Amps	9.5	9.7	10.0	-	10.2	10.5	10.8	-	11.1	11.3	11.7	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.3	13.6	14.1	-
	Hi PR	235	253	267	-	264	284	300	-	300	323	341	-	342	368	389	-	385	414	437	-	425	457	483	-
	Lo PR	99	105	115	-	105	111	122	-	109	116	126	-	114	122	133	-	120	127	139	-	124	132	144	-
	MBh	30.4	31.6	34.6	-	29.7	30.8	33.8	-	29.0	30.1	33.0	-	28.3	29.4	32.2	-	26.9	27.9	30.6	-	24.9	25.8	28.3	-
	S/T	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.71	0.49	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
kW	2.51	2.56	2.64	-	2.69	2.75	2.83	-	2.85	2.91	3.00	-	2.99	3.05	3.15	-	3.11	3.18	3.28	-	3.21	3.28	3.39	-	
Amps	9.6	9.8	10.2	-	10.4	10.6	11.0	-	11.2	11.5	11.9	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.8	14.3	-	
Hi PR	239	258	272	-	269	289	305	-	305	329	347	-	348	374	395	-	391	421	445	-	432	465	491	-	
Lo PR	101	107	117	-	106	113	124	-	111	118	128	-	116	124	135	-	122	130	141	-	126	134	146	-	
MBh	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.9	31.0	34.0	-	29.2	30.2	33.1	-	27.7	28.7	31.5	-	25.7	26.6	29.1	-	
S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-	
ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	-	
kW	2.53	2.58	2.66	-	2.71	2.77	2.85	-	2.87	2.93	3.02	-	3.01	3.08	3.17	-	3.14	3.20	3.30	-	3.24	3.31	3.41	-	
Amps	9.7	9.9	10.2	-	10.5	10.7	11.1	-	11.3	11.6	12.0	-	12.1	12.4	12.8	-	12.9	13.2	13.6	-	13.6	14.0	14.4	-	
Hi PR	242	260	275	-	271	292	308	-	309	332	351	-	351	378	399	-	395	425	449	-	437	470	496	-	
Lo PR	102	108	118	-	107	114	125	-	112	119	130	-	117	125	136	-	123	131	143	-	127	135	148	-	
75	MBh	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	28.4	29.2	31.6	33.9	26.9	27.7	30.0	32.2	25.0	25.7	27.8	29.9
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	2.50	2.55	2.62	2.70	2.68	2.73	2.81	2.90	2.84	2.89	2.98	3.08	2.98	3.04	3.13	3.23	3.09	3.16	3.26	3.36	3.20	3.26	3.37	3.48
	Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.3	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.7	14.2	14.7
	Hi PR	238	256	270	282	267	287	303	316	303	326	345	360	345	372	393	409	389	418	442	461	429	462	488	509
	Lo PR	100	106	116	124	106	112	123	131	110	117	128	136	115	123	134	143	121	129	140	150	125	133	145	155
	MBh	31.0	31.9	34.5	37.0	30.2	31.1	33.7	36.2	29.5	30.4	32.9	35.3	28.8	29.7	32.1	34.4	27.4	28.2	30.5	32.7	25.3	26.1	28.2	30.3
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
kW	2.53	2.58	2.66	2.74	2.71	2.77	2.85	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.17	3.28	3.14	3.20	3.30	3.41	3.24	3.31	3.41	3.52	
Amps	9.7	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.4	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.6	14.1	13.6	14.0	14.4	15.0	
Hi PR	242	260	275	287	271	292	308	322	309	332	351	366	351	378	399	417	395	425	449	469	437	470	496	518	
Lo PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	
MBh	31.9	32.8	35.5	38.1	31.1	32.1	34.7	37.3	30.4	31.3	33.9	36.4	29.7	30.5	33.1	35.5	28.2	29.0	31.4	33.7	26.1	26.9	29.1	31.2	
S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.68	0.43	1.00	0.90	0.68	0.44	
ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	16	14	9	
kW	2.55	2.60	2.68	2.76	2.73	2.79	2.87	2.96	2.90	2.96	3.05	3.14	3.04	3.10	3.20	3.30	3.16	3.23	3.33	3.44	3.27	3.34	3.44	3.55	
Amps	9.8	10.0	10.3	10.7	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.3	13.8	14.1	14.6	15.1	
Hi PR	244	263	278	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523	
Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TV) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

COOLING DATA — GSZ130362A*/A36-00-2RC (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		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		
80	1050	MBh	31.0	31.7	33.9	36.2	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.9	29.5	31.5	33.7	27.4	28.0	29.9	32.0	25.4	26.0	27.7	29.7	
		S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.00	0.95	0.78	0.58	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	22	22	19	15	
	1140	kW	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.92	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.18	3.28	3.39	3.22	3.29	3.39	3.50	
		Amps	9.6	9.9	10.2	10.5	10.4	10.6	11.0	11.4	11.3	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.0	13.5	13.9	14.3	14.9	
		Hi PR	240	258	273	285	269	290	306	319	306	330	348	363	349	376	397	414	393	422	446	465	434	467	493	514	
	1350	Lo PR	101	107	117	125	107	114	124	132	111	118	129	137	117	124	135	144	122	130	142	151	126	134	147	156	
		MBh	31.5	32.2	34.4	36.8	30.8	31.4	33.6	35.9	30.0	30.7	32.8	35.1	29.3	30.0	32.0	34.2	27.8	28.5	30.4	32.5	25.8	26.4	28.2	30.1	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60	
	85	1050	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	20	16	21	21	18	15
			kW	2.55	2.60	2.68	2.76	2.73	2.79	2.87	2.96	2.90	2.96	3.05	3.14	3.04	3.10	3.20	3.30	3.16	3.23	3.33	3.44	3.27	3.34	3.44	3.55
			Amps	9.8	10.0	10.3	10.7	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.1
1140		Hi PR	244	263	278	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523	
		Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
		MBh	32.5	33.2	35.4	37.9	31.7	32.4	34.6	37.0	30.9	31.6	33.8	36.1	30.2	30.9	33.0	35.2	28.7	29.3	31.3	33.5	26.6	27.1	29.0	31.0	
1350		S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.62	1.00	1.00	0.84	0.63	
		ΔT	21	20	18	14	22	21	18	14	21	21	18	14	21	21	18	14	20	20	18	14	18	18	17	13	
		kW	2.57	2.62	2.70	2.78	2.75	2.81	2.90	2.99	2.92	2.98	3.07	3.17	3.06	3.13	3.23	3.33	3.19	3.25	3.36	3.47	3.29	3.36	3.47	3.58	
85		1050	Amps	9.9	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.2
			Hi PR	247	265	280	292	277	298	315	328	315	339	358	373	359	386	407	425	403	434	458	478	446	480	506	528
			Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
	1140	MBh	32.1	32.7	34.2	36.5	31.3	31.9	33.4	35.7	30.6	31.2	32.6	34.8	29.8	30.4	31.8	34.0	28.3	28.9	30.2	32.3	26.2	26.8	28.0	29.9	
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	24	25	24	20	23	23	23	20	21	22	22	19	
	1350	kW	2.57	2.62	2.70	2.78	2.75	2.81	2.90	2.99	2.92	2.98	3.07	3.17	3.06	3.13	3.23	3.33	3.19	3.25	3.36	3.47	3.29	3.36	3.47	3.58	
		Amps	9.9	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.2	
		Hi PR	247	265	280	292	277	298	315	328	315	339	358	373	359	386	407	425	403	434	458	478	446	480	506	528	
	1350	Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	134	146	155	130	138	151	161	
		MBh	33.0	33.7	35.3	37.6	32.3	32.9	34.4	36.7	31.5	32.1	33.6	35.9	30.7	31.3	32.8	35.0	29.2	29.7	31.2	33.2	27.0	27.6	28.9	30.8	
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.81	1.00	1.00	1.00	0.82	
1350	ΔT	22	22	21	18	22	22	21	18	21	22	21	18	21	21	22	19	20	20	21	18	18	19	20	17		
	kW	2.59	2.64	2.72	2.80	2.78	2.83	2.92	3.01	2.94	3.00	3.10	3.19	3.09	3.15	3.25	3.36	3.21	3.28	3.38	3.49	3.32	3.39	3.50	3.61		
	Amps	10.0	10.2	10.5	10.9	10.7	11.0	11.4	11.8	11.7	11.9	12.3	12.8	12.4	12.7	13.2	13.7	13.2	13.6	14.0	14.5	14.0	14.4	14.8	15.4		
1350	Hi PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	407	438	463	483	450	484	512	533		
	Lo PR	105	112	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162		
	MBh	33.0	33.7	35.3	37.6	32.3	32.9	34.4	36.7	31.5	32.1	33.6	35.9	30.7	31.3	32.8	35.0	29.2	29.7	31.2	33.2	27.0	27.6	28.9	30.8		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

COOLING DATA — GSZ130365A*/A36-00-2RC

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		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	
70	1050	MBh	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.2	32.0	-	27.5	28.5	31.2	-	26.1	27.0	29.6	-	24.2	25.0	27.4	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	1140	kW	2.36	2.40	2.47	-	2.52	2.57	2.65	-	2.67	2.72	2.80	-	2.80	2.85	2.94	-	2.91	2.97	3.06	-	3.00	3.06	3.16	-
		Amps	8.9	9.1	9.4	-	9.6	9.8	10.2	-	10.4	10.7	11.0	-	11.1	11.4	11.7	-	11.8	12.1	12.5	-	12.5	12.8	13.2	-
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	412	435	-	423	455	480	-
	1350	Lo PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	124	132	144	-
		MBh	30.0	31.1	34.0	-	29.3	30.3	33.2	-	28.6	29.6	32.4	-	27.9	28.9	31.7	-	26.5	27.4	30.1	-	24.5	25.4	27.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	75	1050	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11
kW			2.40	2.45	2.52	-	2.57	2.63	2.70	-	2.72	2.78	2.86	-	2.86	2.92	3.00	-	2.97	3.03	3.12	-	3.07	3.13	3.23	-
Amps			9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.6	10.8	11.2	-	11.3	11.6	11.9	-	12.0	12.3	12.7	-	12.7	13.0	13.4	-
1140		Hi PR	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	463	488	-
		Lo PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-
		MBh	30.9	32.0	35.1	-	30.1	31.2	34.2	-	29.4	30.5	33.4	-	28.7	29.8	32.6	-	27.3	28.3	31.0	-	25.3	26.2	28.7	-
1350		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		ΔT	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		kW	2.40	2.45	2.52	-	2.57	2.63	2.70	-	2.72	2.78	2.86	-	2.86	2.92	3.00	-	2.97	3.03	3.12	-	3.07	3.13	3.23	-
75		1050	Amps	9.1	9.3	9.6	-	9.8	10.1	10.4	-	10.7	10.9	11.3	-	11.4	11.7	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.5
	Hi PR		240	259	273	-	270	290	306	-	307	330	348	-	349	376	397	-	393	423	447	-	434	467	493	-
	Lo PR		102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-
	1140	MBh	30.5	31.4	34.0	36.5	29.8	30.6	33.2	35.6	29.1	29.9	32.4	34.8	28.4	29.2	31.6	33.9	26.9	27.7	30.0	32.2	24.9	25.7	27.8	29.8
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	1350	kW	2.40	2.45	2.52	2.60	2.57	2.63	2.70	2.79	2.72	2.78	2.86	2.95	2.86	2.92	3.01	3.10	2.97	3.03	3.13	3.22	3.07	3.13	3.23	3.33
		Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.5	14.0
		Hi PR	240	259	273	285	270	290	306	320	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515
	1350	Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
MBh		31.4	32.3	35.0	37.5	30.7	31.6	34.2	36.7	29.9	30.8	33.4	35.8	29.2	30.1	32.5	34.9	27.7	28.6	30.9	33.2	25.7	26.5	28.6	30.7	
S/T		0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
1350	ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	14	10	19	17	14	10	17	16	13	9	
	kW	2.42	2.47	2.54	2.62	2.59	2.65	2.72	2.81	2.75	2.80	2.89	2.98	2.88	2.94	3.03	3.12	2.99	3.05	3.15	3.25	3.09	3.16	3.25	3.36	
	Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2	
1350	Hi PR	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520	
	Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160	
	MBh	30.0	30.9	33.5	35.9	29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.2	27.9	28.8	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4	

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

Shaded area reflects ACCA (TVA) Rating Conditions

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

COOLING DATA — GSZ130365A*/A36-00-2RC (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		AIRFLOW																																			
		1050																																			
		80																																			
		1350																																			
		85																																			

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

COOLING DATA — GSZ130485A*/A48-00-2RC

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		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		
70	1225	MBh	40.8	42.3	46.3	-	39.8	41.3	45.2	-	38.9	40.3	44.1	-	37.9	39.3	43.1	-	36.0	37.3	40.9	-	33.4	34.6	37.9	-	
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	
	1300	kW	3.10	3.16	3.26	-	3.32	3.39	3.49	-	3.51	3.59	3.69	-	3.69	3.76	3.88	-	3.83	3.91	4.03	-	3.95	4.04	4.16	-	
		Amps	11.7	12.0	12.4	-	12.6	12.9	13.3	-	13.7	14.0	14.5	-	14.6	15.0	15.4	-	15.5	15.9	16.4	-	16.4	16.8	17.4	-	
		Hi PR	227	245	258	-	255	275	290	-	290	312	330	-	331	356	376	-	372	400	423	-	411	442	467	-	
	1575	Lo PR	98	104	114	-	104	110	120	-	108	115	125	-	113	120	131	-	119	126	138	-	123	131	143	-	
		MBh	41.4	42.9	47.0	-	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	36.6	37.9	41.5	-	33.9	35.1	38.5	-	
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
	75	1225	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
			kW	3.14	3.20	3.30	-	3.36	3.43	3.53	-	3.56	3.63	3.74	-	3.73	3.81	3.93	-	3.88	3.96	4.08	-	4.01	4.09	4.22	-
			Amps	11.9	12.2	12.6	-	12.8	13.1	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.8	16.1	16.7	-	16.7	17.1	17.7	-
1300		Hi PR	231	249	263	-	260	279	295	-	295	318	335	-	336	362	382	-	378	407	430	-	418	450	475	-	
		Lo PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	128	140	-	125	133	145	-	
		MBh	42.8	44.4	48.6	-	41.8	43.4	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.9	39.2	43.0	-	35.1	36.3	39.8	-	
1575		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	
		kW	3.19	3.25	3.35	-	3.42	3.48	3.59	-	3.62	3.69	3.80	-	3.79	3.87	3.99	-	3.94	4.02	4.15	-	4.07	4.16	4.29	-	
75		1225	Amps	12.1	12.4	12.8	-	13.1	13.4	13.8	-	14.2	14.5	15.0	-	15.1	15.5	16.0	-	16.1	16.4	17.0	-	17.0	17.4	18.0	-
			Hi PR	230	247	261	272	258	277	293	306	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492
			Lo PR	99	105	115	123	105	111	122	130	109	116	126	135	114	122	133	141	120	128	139	148	124	132	144	153
	1300	MBh	42.1	43.3	46.9	50.3	41.1	42.3	45.8	49.2	40.1	41.3	44.7	48.0	39.2	40.3	43.6	46.8	37.2	38.3	41.4	44.5	34.5	35.5	38.4	41.2	
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	23	18	13	24	22	18	13	23	21	17	12	
	1575	kW	3.17	3.23	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.77	3.89	3.76	3.84	3.96	4.08	3.91	3.99	4.12	4.25	4.04	4.13	4.25	4.39	
		Amps	12.0	12.3	12.7	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.8	15.4	15.0	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5	
		Hi PR	234	251	266	277	262	282	298	311	298	321	339	353	340	366	386	403	382	411	434	453	422	454	480	500	
	1575	Lo PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156	
		MBh	43.6	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.8	46.3	49.7	40.5	41.7	45.2	48.5	38.5	39.6	42.9	46.0	35.7	36.7	39.7	42.7	
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	
1575	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	17	11	20	19	15	11		
	kW	3.21	3.28	3.37	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.83	3.95	3.82	3.90	4.02	4.15	3.97	4.06	4.18	4.32	4.10	4.19	4.32	4.46		
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.1	17.6	18.1	18.8		
1575	Hi PR	238	257	271	283	267	288	304	317	304	327	346	361	346	373	394	411	390	419	443	462	431	463	489	510		
	Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159		

Shaded area reflects ACCA (TV) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

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

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

COOLING DATA — GSZ130485A*/A48-00-2RC (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		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
1225	MBh	42.2	43.1	46.1	49.2	41.2	42.1	45.0	48.1	40.2	41.1	43.9	46.9	39.2	40.1	42.8	45.8	37.3	38.1	40.7	43.5	34.5	35.3	37.7	40.3
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	28	26	23	18	27	26	23	18	25	24	21	17
	kW	3.15	3.21	3.30	3.40	3.37	3.44	3.54	3.65	3.57	3.64	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.09	4.22	4.02	4.10	4.23	4.37
	Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	13.9	14.3	14.7	15.3	14.9	15.2	15.7	16.3	15.8	16.2	16.7	17.3	16.7	17.1	17.7	18.4
	Hi PR	232	250	264	275	260	280	296	309	296	319	337	351	337	363	383	400	379	408	431	450	419	451	476	497
Lo PR	100	107	116	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	145	155	
1300	MBh	42.8	43.8	46.8	50.0	41.8	42.8	45.7	48.8	40.8	41.7	44.6	47.7	39.8	40.7	43.5	46.5	37.9	38.7	41.3	44.2	35.1	35.8	38.3	40.9
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17
	kW	3.19	3.25	3.35	3.45	3.42	3.48	3.59	3.70	3.62	3.69	3.80	3.92	3.79	3.87	3.99	4.12	3.94	4.03	4.15	4.28	4.07	4.16	4.29	4.43
	Amps	12.1	12.4	12.8	13.2	13.1	13.4	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	16.0	16.6	16.1	16.4	17.0	17.6	17.0	17.4	18.0	18.7
	Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	457	426	459	485	505
Lo PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158	
1575	MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.4
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	24	25	21	17	23	23	20	16	21	22	19	15
	kW	3.24	3.30	3.40	3.50	3.47	3.54	3.64	3.76	3.67	3.75	3.86	3.98	3.85	3.93	4.05	4.18	4.00	4.09	4.22	4.35	4.14	4.22	4.36	4.50
	Amps	12.3	12.6	13.0	13.5	13.3	13.6	14.0	14.6	14.4	14.8	15.2	15.8	15.4	15.7	16.3	16.9	16.4	16.7	17.3	17.9	17.3	17.7	18.3	19.0
	Hi PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	447	467	435	468	494	516
Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	
1225	MBh	42.9	43.8	45.8	48.9	41.9	42.7	44.8	47.8	40.9	41.7	43.7	46.6	39.9	40.7	42.6	45.5	37.9	38.7	40.5	43.2	35.1	35.8	37.5	40.0
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	ΔT	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	28	28	27	23	26	27	25	22
	kW	3.17	3.23	3.33	3.43	3.40	3.47	3.57	3.68	3.60	3.67	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.13	4.26	4.40
	Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.4	15.0	15.4	15.9	16.5	16.0	16.3	16.9	17.5	16.9	17.3	17.9	18.5
	Hi PR	234	252	266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502
Lo PR	101	108	117	125	107	114	124	132	111	118	129	137	117	124	136	144	122	130	142	151	126	135	147	156	
1300	MBh	43.6	44.4	46.5	49.6	42.6	43.4	45.4	48.5	41.6	42.4	44.4	47.3	40.5	41.3	43.3	46.2	38.5	39.3	41.1	43.9	35.7	36.4	38.1	40.6
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	29	28	27	23	29	28	27	23	29	28	27	23	29	29	27	23	27	28	27	23	25	26	25	22
	kW	3.21	3.28	3.37	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.83	3.95	3.82	3.90	4.02	4.15	3.97	4.06	4.18	4.32	4.10	4.19	4.32	4.46
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.8
	Hi PR	238	257	271	283	268	288	304	317	304	327	346	361	347	373	394	411	390	420	443	462	431	464	489	511
Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
1575	MBh	45.1	46.0	48.2	51.4	44.1	44.9	47.0	50.2	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	39.9	40.6	42.6	45.4	36.9	37.6	39.4	42.1
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	ΔT	26	26	24	21	26	26	24	21	25	26	24	21	24	25	25	21	23	24	24	21	22	22	23	20
	kW	3.26	3.32	3.42	3.53	3.49	3.56	3.67	3.78	3.70	3.78	3.89	4.01	3.88	3.96	4.09	4.22	4.04	4.12	4.25	4.39	4.17	4.26	4.39	4.53
	Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.5	14.9	15.4	15.9	15.5	15.9	16.4	17.0	16.5	16.9	17.5	18.1	17.5	17.9	18.5	19.2
	Hi PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TV) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

COOLING DATA — GSZ130605A*/A60-00-2RC

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		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		
70	1750	MBh	49.5	51.3	56.2	-	48.3	50.1	54.9	-	47.2	48.9	53.6	-	46.0	47.7	52.3	-	43.7	45.3	49.6	-	40.5	42.0	46.0	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
	1700	kW	3.57	3.64	3.74	-	3.82	3.90	4.01	-	4.04	4.12	4.24	-	4.23	4.32	4.45	-	4.40	4.49	4.63	-	4.54	4.64	4.78	-	
		Amps	13.4	13.7	14.1	-	14.4	14.8	15.2	-	15.6	16.0	16.5	-	16.7	17.1	17.6	-	17.7	18.1	18.7	-	18.7	19.2	19.8	-	
		Hi PR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-	
	2250	Lo PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	
		MBh	49.5	51.3	56.2	-	48.3	50.1	54.9	-	47.2	48.9	53.6	-	46.0	47.7	52.3	-	43.7	45.3	49.6	-	40.5	42.0	46.0	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	
	75	1750	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
			kW	3.57	3.64	3.74	-	3.82	3.90	4.01	-	4.04	4.12	4.24	-	4.23	4.32	4.45	-	4.40	4.49	4.63	-	4.54	4.64	4.78	-
			Amps	13.4	13.7	14.1	-	14.4	14.8	15.2	-	15.6	16.0	16.5	-	16.7	17.1	17.6	-	17.7	18.1	18.7	-	18.7	19.2	19.8	-
1700		Hi PR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-	
		Lo PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	
		MBh	51.2	53.1	58.1	-	50.0	51.8	56.8	-	48.8	50.6	55.4	-	47.6	49.4	54.1	-	45.2	46.9	51.4	-	41.9	43.4	47.6	-	
2250		S/T	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.89	0.74	0.51	-	0.89	0.75	0.52	-	
		ΔT	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-	
		kW	3.62	3.69	3.80	-	3.88	3.95	4.07	-	4.10	4.18	4.31	-	4.30	4.39	4.52	-	4.47	4.56	4.70	-	4.61	4.71	4.85	-	
1750		Amps	13.6	13.9	14.4	-	14.7	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	17.9	-	18.0	18.5	19.1	-	19.1	19.5	20.2	-	
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	435	-	422	455	480	-	
		Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	
1700	MBh	50.3	51.8	56.1	60.2	49.1	50.6	54.8	58.8	48.0	49.4	53.5	57.4	46.8	48.2	52.2	56.0	44.5	45.8	49.5	53.2	41.2	42.4	45.9	49.3		
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42		
	ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
1750	kW	3.60	3.67	3.77	3.88	3.85	3.92	4.04	4.16	4.07	4.15	4.28	4.41	4.27	4.35	4.49	4.63	4.43	4.53	4.66	4.81	4.58	4.67	4.82	4.97		
	Amps	13.5	13.8	14.2	14.8	14.5	14.9	15.4	15.9	15.8	16.1	16.7	17.3	16.8	17.2	17.8	18.4	17.9	18.3	18.9	19.6	18.9	19.4	20.0	20.8		
	Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496		
1700	Lo PR	103	110	120	128	109	116	127	135	114	121	132	140	119	127	139	148	125	133	145	155	129	138	150	160		
	MBh	50.3	51.8	56.1	60.2	49.1	50.6	54.8	58.8	48.0	49.4	53.5	57.4	46.8	48.2	52.2	56.0	44.5	45.8	49.5	53.2	41.2	42.4	45.9	49.3		
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42		
2250	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11		
	kW	3.60	3.67	3.77	3.88	3.85	3.92	4.04	4.16	4.07	4.15	4.28	4.41	4.27	4.35	4.49	4.63	4.43	4.53	4.66	4.81	4.58	4.67	4.82	4.97		
	Amps	13.5	13.8	14.2	14.8	14.5	14.9	15.4	15.9	15.8	16.1	16.7	17.3	16.8	17.2	17.8	18.4	17.9	18.3	18.9	19.6	18.9	19.4	20.0	20.8		
1750	Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496		
	Lo PR	103	110	120	128	109	116	127	135	114	121	132	140	119	127	139	148	125	133	145	155	129	138	150	160		
	MBh	52.1	53.6	58.0	62.3	50.9	52.4	56.7	60.8	49.6	51.1	55.3	59.4	48.4	49.9	54.0	57.9	46.0	47.4	51.3	55.0	42.6	43.9	47.5	51.0		
2250	S/T	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.91	0.69	0.44		
	ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	14	10	19	17	14	10	17	16	13	9		
	kW	3.65	3.72	3.83	3.94	3.91	3.98	4.10	4.23	4.13	4.22	4.34	4.48	4.33	4.42	4.56	4.70	4.50	4.60	4.74	4.89	4.65	4.75	4.89	5.05		
1750	Amps	13.7	14.0	14.5	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.7	20.4	21.1		
	Hi PR	236	254	268	280	265	285	301	314	301	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506		
	Lo PR	105	112	122	130	111	119	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

COOLING DATA — GSZ130605A*/A60-00-2RC (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		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	
80	1750	MBh	51.2	52.3	55.9	59.8	50.0	51.1	54.6	58.4	48.8	49.9	53.3	57.0	47.6	48.7	52.0	55.6	45.3	46.2	49.4	52.8	41.9	42.8	45.8	48.9
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15	
	kW	3.62	3.69	3.80	3.91	3.88	3.95	4.07	4.19	4.10	4.18	4.31	4.44	4.30	4.39	4.52	4.66	4.47	4.56	4.70	4.85	4.61	4.71	4.86	5.01	
	Amps	13.6	13.9	14.4	14.9	14.7	15.0	15.5	16.1	15.9	16.3	16.8	17.4	17.0	17.4	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.2	21.0	
	Hi PR	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501	
	Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	162	
	MBh	51.2	52.3	55.9	59.8	50.0	51.1	54.6	58.4	48.8	49.9	53.3	57.0	47.6	48.7	52.0	55.6	45.3	46.2	49.4	52.8	41.9	42.8	45.8	48.9	
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	21	17	24	24	21	17	23	23	20	16	
kW	3.62	3.69	3.80	3.91	3.88	3.95	4.07	4.19	4.10	4.18	4.31	4.44	4.30	4.39	4.52	4.66	4.47	4.56	4.70	4.85	4.61	4.71	4.86	5.01		
Amps	13.6	13.9	14.4	14.9	14.7	15.0	15.5	16.1	15.9	16.3	16.8	17.4	17.0	17.4	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.2	21.0		
Hi PR	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501		
Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	162		
MBh	53.0	54.2	57.9	61.8	51.8	52.9	56.5	60.4	50.5	51.6	55.2	59.0	49.3	50.4	53.8	57.5	46.8	47.9	51.1	54.7	43.4	44.3	47.4	50.6		
S/T	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.64		
ΔT	22	20	17	14	21	20	18	14	21	21	18	14	20	21	18	14	19	20	18	14	18	18	16	13		
kW	3.68	3.75	3.86	3.97	3.94	4.01	4.13	4.26	4.16	4.25	4.38	4.51	4.37	4.46	4.59	4.74	4.54	4.63	4.78	4.93	4.69	4.78	4.93	5.09		
Amps	13.8	14.2	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.7	17.3	17.7	18.3	19.0	18.4	18.8	19.4	20.2	19.4	19.9	20.6	21.3		
Hi PR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511		
Lo PR	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165		

85	1750	MBh	52.1	53.1	55.6	59.3	50.9	51.9	54.3	58.0	49.7	50.6	53.0	56.6	48.5	49.4	51.7	55.2	46.0	46.9	49.2	52.4	42.6	43.5	45.5	48.6
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	25	26	25	21	24	25	24	21	22	23	23	20	
	kW	3.65	3.72	3.83	3.94	3.91	3.98	4.10	4.23	4.13	4.22	4.34	4.48	4.33	4.42	4.56	4.70	4.50	4.60	4.74	4.89	4.65	4.75	4.89	5.05	
	Amps	13.7	14.0	14.5	15.0	14.8	15.2	15.6	16.2	16.1	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.7	20.4	21.2	
	Hi PR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506	
	Lo PR	105	112	123	130	111	119	129	138	116	123	135	143	122	129	141	150	127	136	148	158	132	140	153	163	
	MBh	52.1	53.1	55.6	59.3	50.9	51.9	54.3	58.0	49.7	50.6	53.0	56.6	48.5	49.4	51.7	55.2	46.0	46.9	49.2	52.4	42.6	43.5	45.5	48.6	
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	26	27	26	22	25	25	25	22	23	24	24	20	
kW	3.65	3.72	3.83	3.94	3.91	3.98	4.10	4.23	4.13	4.22	4.34	4.48	4.33	4.42	4.56	4.70	4.50	4.60	4.74	4.89	4.65	4.75	4.89	5.05		
Amps	13.7	14.0	14.5	15.0	14.8	15.2	15.6	16.2	16.1	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.7	20.4	21.2		
Hi PR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506		
Lo PR	105	112	123	130	111	119	129	138	116	123	135	143	122	129	141	150	127	136	148	158	132	140	153	163		
MBh	53.9	55.0	57.6	61.4	52.7	53.7	56.2	60.0	51.4	52.4	54.9	58.6	50.2	51.1	53.6	57.1	47.7	48.6	50.9	54.3	44.1	45.0	47.1	50.3		
S/T	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.82		
ΔT	22	22	21	18	22	22	21	18	21	21	21	18	20	21	21	18	19	20	21	18	18	18	19	17		
kW	3.70	3.77	3.88	4.00	3.96	4.04	4.16	4.29	4.20	4.28	4.41	4.55	4.40	4.49	4.63	4.77	4.57	4.67	4.81	4.97	4.72	4.82	4.97	5.13		
Amps	14.0	14.3	14.7	15.3	15.1	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.4	17.9	18.4	19.1	18.5	19.0	19.6	20.3	19.6	20.1	20.8	21.5		
Hi PR	241	259	274	286	270	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	435	469	495	516		
Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	135	143	156	166		

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

Shaded area reflects AHRI (TVA) Rating Conditions

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

HEATING DATA

GSZ130242A*/A24-00-2RC

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.3	26.8	25.2	23.6	22.5	21.8	20.3	18.7	16.2	15.0	13.8	13.0	12.5	11.2	10.0	8.7	7.4	6.1
ΔT	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	20.0	18.5	17.0	16.0	15.5	13.9	12.3	10.7	9.1	7.5
kW	1.94	1.90	1.87	1.83	1.8	1.80	1.76	1.72	1.53	1.49	1.46	1.44	1.43	1.40	1.37	1.34	1.30	1.27
Amps	10.6	9.8	9.1	8.6	8.3	8.1	7.7	7.3	7.0	6.6	6.3	6.2	6.1	5.8	5.4	5.1	4.7	4.2
COP	3.78	3.64	3.49	3.32	3.20	3.12	2.95	2.77	2.67	2.51	2.36	2.25	2.18	2.00	1.80	1.60	1.40	1.17
Hi PR	433.0	415.1	399.1	381.5	372.6	365.5	351.4	337.2	323.0	308.5	296.2	289.1	283.9	273.1	262.7	251.9	242.9	234.4
Lo PR	133	124	116	106	100	97	89	79	71	64	56	52	50	42	37	31	27	21

GSZ130362A*/A36-00-2RC

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	38.3	36.3	34.2	31.9	30.5	29.6	27.5	25.3	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	31.1	29.5	27.7	25.9	24.8	24.0	22.3	20.6	16.2	14.9	13.8	13.0	12.5	11.2	10.0	8.7	7.4	6.1
kW	2.60	2.56	2.51	2.46	2.4	2.42	2.37	2.33	2.13	2.08	2.04	2.02	2.00	1.96	1.92	1.88	1.83	1.79
Amps	14.1	13.1	12.3	11.6	11.1	10.9	10.3	9.8	9.4	9.0	8.6	8.4	8.3	7.9	7.4	6.9	6.4	5.8
COP	3.77	3.63	3.47	3.30	3.18	3.10	2.93	2.75	2.34	2.19	2.05	1.96	1.90	1.74	1.57	1.39	1.21	1.01
Hi PR	390.1	374.0	359.5	343.8	335.7	329.3	316.6	303.8	291.1	278.0	266.9	260.5	255.8	246.1	236.7	226.9	218.9	211.2
Lo PR	125	116	109	100	94	91	83	74	67	60	53	49	47	40	34	29	25	20

GSZ130365A*/A36-00-2RC

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	39.0	36.9	34.7	32.5	31.0	30.0	27.9	25.7	21.2	19.6	18.0	17.0	16.4	14.7	13.0	11.4	9.7	7.9
ΔT	31.6	30.0	28.2	26.4	25.2	24.4	22.7	20.9	17.2	15.9	14.6	13.8	13.3	11.9	10.6	9.2	7.9	6.4
kW	2.54	2.49	2.45	2.40	2.4	2.36	2.32	2.27	2.06	2.02	1.98	1.95	1.94	1.90	1.86	1.82	1.78	1.74
Amps	13.8	12.8	12.0	11.3	10.9	10.7	10.1	9.6	9.2	8.8	8.4	8.2	8.1	7.7	7.2	6.8	6.3	5.7
COP	3.92	3.77	3.60	3.42	3.30	3.22	3.04	2.85	2.55	2.40	2.24	2.14	2.07	1.89	1.71	1.52	1.32	1.10
Hi PR	394.8	378.5	363.9	348.0	339.8	333.3	320.4	307.5	294.6	281.4	270.1	263.7	258.9	249.1	239.6	229.7	221.5	213.7
Lo PR	125	116	109	100	94	91	83	74	67	60	53	49	47	40	34	29	25	20

High pressure is measured at the suction service valve (the larger valve).
 Low pressure is measured at the gauge port connection.
 Calculations are based on nominal CFM and 70 °F indoor dry bulb.

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

HEATING DATA

GSZ130485A*/A48-00-2RC

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.7	56.5	53.2	49.7	47.5	46.0	42.8	39.4	39.9	36.8	33.9	32.0	30.8	27.6	24.5	21.4	18.2	14.9
ΔT	42.5	40.3	37.9	35.4	33.8	32.8	30.4	28.1	28.4	26.2	24.1	22.8	21.9	19.7	17.5	15.2	13.0	10.6
kW	3.78	3.72	3.65	3.58	3.5	3.51	3.44	3.37	3.14	3.08	3.01	2.97	2.95	2.88	2.82	2.75	2.69	2.63
Amps	20.6	19.1	17.8	16.8	16.2	15.9	15.0	14.2	13.6	13.0	12.4	12.1	11.9	11.3	10.6	10.0	9.2	8.3
COP	4.08	3.93	3.76	3.58	3.45	3.37	3.18	2.99	3.21	3.02	2.83	2.70	2.62	2.40	2.16	1.92	1.68	1.40
Hi PR	455.7	436.9	420.0	401.6	392.2	384.7	369.8	354.9	340.0	324.7	311.8	304.3	298.9	287.5	276.5	265.1	255.7	246.7
Lo PR	137	128	120	110	104	100	92	82	74	66	58	54	52	44	38	32	28	22

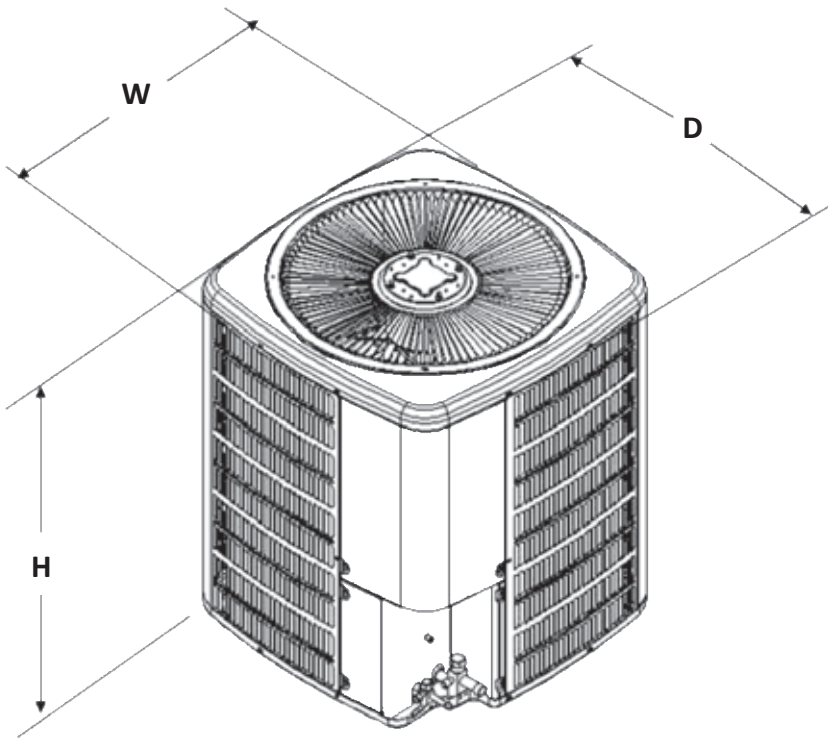
GSZ130605A*/A60-00-2RC

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.1	65.5	61.6	57.6	55.0	53.3	49.5	45.7	44.2	40.8	37.6	35.5	34.2	30.7	27.2	23.7	20.2	16.6
ΔT	37.7	35.6	33.6	31.4	30.0	29.0	27.0	24.9	24.1	22.2	20.5	19.3	18.6	16.7	14.8	12.9	11.0	9.0
kW	4.15	4.07	4.00	3.92	3.9	3.85	3.77	3.70	3.36	3.29	3.22	3.18	3.16	3.09	3.02	2.96	2.89	2.83
Amps	22.5	20.9	19.6	18.4	17.7	17.4	16.4	15.6	14.9	14.3	13.6	13.3	13.1	12.5	11.6	11.0	10.2	9.2
COP	4.27	4.11	3.93	3.73	3.60	3.51	3.32	3.11	3.28	3.08	2.88	2.75	2.67	2.44	2.20	1.95	1.70	1.42
Hi PR	428.2	410.5	394.7	377.3	368.5	361.5	347.5	333.5	319.5	305.1	293.0	286.0	280.8	270.1	259.8	249.1	240.3	231.8
Lo PR	137	128	120	110	104	100	92	82	74	66	58	54	52	44	38	32	28	22

High pressure is measured at the suction service valve (the larger valve).
 Low pressure is measured at the gauge port connection.
 Calculations are based on nominal CFM and 70 °F indoor dry bulb.

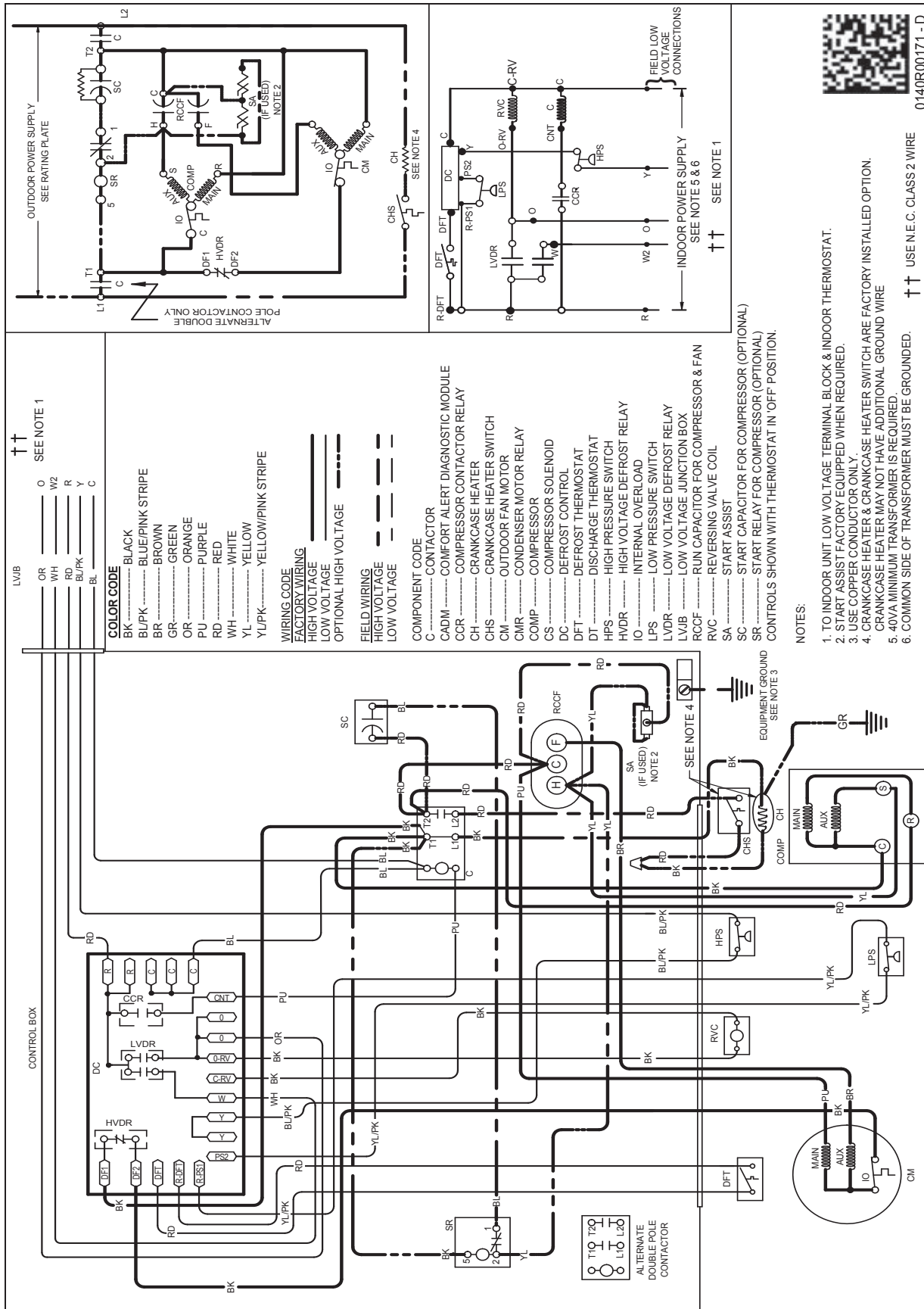
Amps = Outdoor unit amps (comp.+fan)
 kW = Total system power

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSZ130242A*	26	26	32¼
GSZ130362A*	29	29	32¼
GSZ130365A*	29	29	32¼
GSZ130485A*	29	29	34¼
GSZ130605A*	35½	35½	34¼

WIRING DIAGRAM — GSZ130(24-36)2**



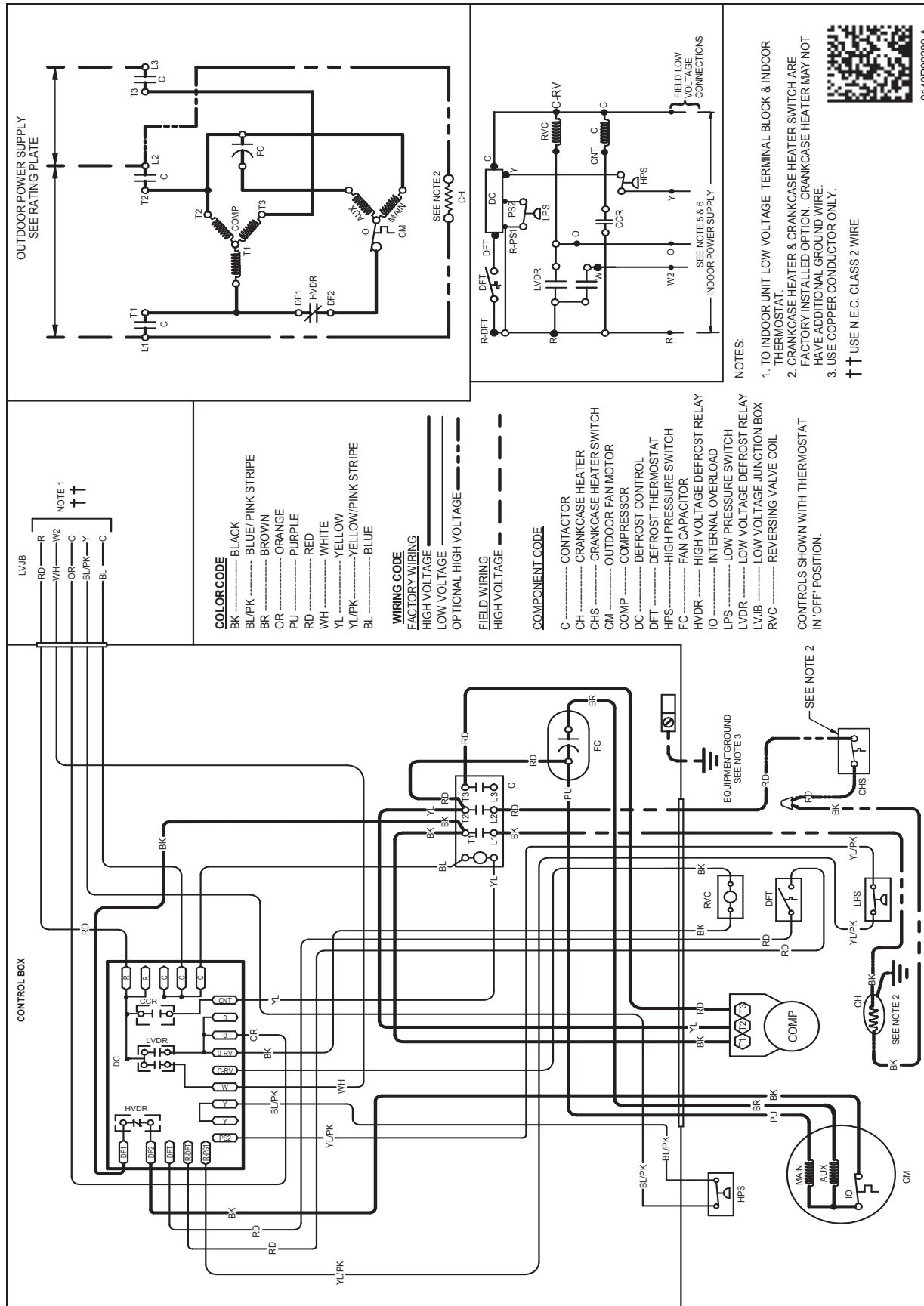
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WARNING

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

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

WIRING DIAGRAM — GSZ130(36-60)5**



ACCESSORIES

MODEL #	DESCRIPTION	GSZ13 024	GSZ13 036	GSZ13 048	GSZ13 060
0130R00000S	Low-pressure Switch Kit	X	X	X	X
ABK-20	Anchor Bracket Kit [◊]	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X
TX2N4 ³	TXV Kit				
TX2N4A ³	TXV Kit	X			
TX3N4 ³	TXV Kit		X		
TX5N4 ³	TXV Kit			X	X

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

NOTES