

GSZ13 COMMERCIAL SPLIT SYSTEM HEAT PUMP

13 SEER, R-410A

3- to 5-TON, THREE PHASE UNITS

Standard Features

- R-410A chlorine-free refrigerant
- Energy-efficient scroll compressor
- Low-pressure switch
- Liquid refrigerant return protection
- Factory-installed, bi-flow liquid-line filter drier
- Service valves with sweat connections and easy-access gauge ports
- Copper tube/enhanced aluminum fin coil
- Reliable time-initiated, temperature-terminated defrost control
- Contactor with lug connection
- Ground lug connection
- Complies with ASHRAE Standard 90.1
- AHRI Certified; ETL Listed

Cabinet Features

- Amana[®] brand louvered 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
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



NOMINAL COOLING CAPACITY: 35,000 to 57,000 BTU/H

NOMINAL HEATING CAPACITY: 34,000 to 58,000 BTU/H

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* Complete warranty details available from your local dealer or at www.amana-hac.com.

NOMENCLATURE

	G	S	Z	13	036	1	A	A				
	1	2	3	4,5	6,7,8	9	10	11				
Brand	G Amana® Brand Distinctions™								Engineering *			
									Minor Revision			
Product Category	S Split System							Engineering *				
									Major Revision			
Unit Type							Electrical					
C Condenser R-22							1	208/230 V, 1 Phase, 60 Hz				
X Condenser R-410A	2	220/240 V, 1 Phase, 50 Hz										
H Heat Pump R-22	3	208/230 V, 3 Phase, 60 Hz										
Z Heat Pump R-410A	4	460 V, 3 Phase, 60 Hz										
	5	380/415 V, 3 Phase, 50 Hz										
Efficiency							Nominal Capacity					
13 13 SEER							018 1½ Tons	042 3½ Tons				
14 14 SEER	024 2 Tons	048 4 Tons										
16 16 SEER	030 2½ Tons	060 5 Tons										
18 18 SEER	036 3 Tons											
* Neither used for order entry or inventory management.												

SPECIFICATIONS

	GSZ13 0363A*	GSZ13 0483A*	GSZ13 0484A*	GSZ13 0603A*	GSZ13 0604A*
NOMINAL CAPACITIES					
Cooling (BTU/h)	35,000	46,000	46,000	57,000	57,000
Heating (BTU/h)	34,000	44,000	44,000	58,000	58,000
Decibels	74	76	76	75	75
COMPRESSOR					
RLA	10.4	13.1	6.1	16.0	7.8
LRA	73.0	83.1	41.0	110.0	52.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR					
Horsepower	¼	¼	¼	¼	¼
FLA	1.50	1.50	0.80	1.50	0.80
REFRIGERATION SYSTEM					
Refrigerant Line Size ¹					
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	⅞"	1⅛"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	¾"	⅞"	⅞"	⅞"	⅞"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	171	222	222	245	245
Shipped with Orifice Size	0.068	0.078	0.078	0.088	0.088
ELECTRICAL DATA					
Volts / Hz / Phase	208/230-60-3	208/230-60-3	460-60-3	208/230-60-3	460-60-3
Minimum Circuit Ampacity ²	14.5	17.9	8.4	21.5	10.6
Max. Overcurrent Protection ³	20	30	15	35	15
Min / Max Volts	197/253	197/253	414/506	197/253	414/506
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	232	235	234	262	261

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 ⅝" to 1⅛" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅝" 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.

EXPANDED COOLING DATA — GSZ130363A* / AR*F364216**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		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	59	63	67	71	59	63	67	71								
70	MBh	33.8	35.0	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.4	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-	27.7	28.7	31.4	-								
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.87	0.73	0.50	-								
	ΔT	17	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-	16	13	10	-								
	kW	2.52	2.57	2.65	-	2.70	2.76	2.84	-	2.86	2.92	3.01	-	3.01	3.07	3.17	-	3.13	3.19	3.30	-	3.23	3.30	3.41	-	3.23	3.30	3.41	-								
	Amps	6.6	6.8	7.0	-	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	9.2	9.4	9.7	-								
	Hi PR	238	256	270	-	267	287	303	-	303	327	345	-	346	372	393	-	389	418	442	-	430	462	488	-	430	462	488	-								
	Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-								
	MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-	27.3	28.3	31.0	-								
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-								
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	16	14	11	-								
	kW	2.51	2.56	2.63	-	2.69	2.74	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	-	3.21	3.28	3.39	-								
70	Amps	6.6	6.8	7.0	-	7.1	7.3	7.5	-	7.7	7.8	8.1	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.1	9.3	9.6	-								
	Hi PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	416	439	-	427	459	485	-	427	459	485	-								
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-								
	MBh	31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-	25.9	26.8	29.4	-								
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-								
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
	kW	2.47	2.52	2.59	-	2.65	2.70	2.78	-	2.81	2.86	2.95	-	2.94	3.01	3.10	-	3.06	3.13	3.22	-	3.16	3.23	3.33	-	3.16	3.23	3.33	-								
	Amps	6.5	6.6	6.8	-	7.0	7.1	7.3	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.0	9.2	9.4	-								
	Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-								
	Lo PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-	130	138	151	-								

75	1425	MBh	34.37	35.39	38.30	41.11	33.57	34.56	37.41	40.15	32.77	33.74	36.52	39.20	31.97	32.92	35.63	38.24	30.37	31.27	33.85	36.33	28.14	28.97	31.36	33.65
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9.3
		kW	2.54	2.59	2.67	2.7	2.72	2.78	2.87	3.0	2.89	2.95	3.04	3.1	3.03	3.10	3.19	3.3	3.15	3.22	3.32	3.4	3.26	3.33	3.43	3.5
		Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.8	7.8	7.9	8.2	8.5	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.6	9.2	9.5	9.8	10.1
		HI PR	240	259	273	284.7	270	290	306	319.5	307	330	348	363.4	349	376	397	413.8	393	423	446	465.6	434	467	493	514.4
		LO PR	108	115	125	133.5	114	121	132	141.0	118	126	138	146.6	124	132	145	154.0	130	139	151	161.3	135	144	157	166.9
		MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
	1275	S/T	0.82	0.74	0.56	0.4	0.85	0.76	0.58	0.4	0.88	0.78	0.59	0.4	0.90	0.81	0.61	0.4	0.94	0.84	0.64	0.4	0.95	0.85	0.64	0.4
		ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	9.9
		kW	2.53	2.58	2.65	2.7	2.71	2.77	2.85	2.9	2.87	2.93	3.02	3.1	3.01	3.08	3.17	3.3	3.14	3.20	3.30	3.4	3.24	3.31	3.42	3.5
		Amps	6.7	6.8	7.0	7.3	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1
1125	HI PR	239	257	271	282.7	268	288	304	317.3	304	328	346	360.8	347	373	394	411.0	390	420	443	462.3	431	464	490	510.8	
	LO PR	107	114	124	132.5	113	120	131	140.0	118	125	137	145.5	124	131	144	152.9	130	138	150	160.2	134	143	156	165.7	
	MBh	32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.8	33.3	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.3	31.5	
	S/T	0.79	0.71	0.53	0.3	0.82	0.73	0.55	0.4	0.84	0.75	0.57	0.4	0.87	0.77	0.59	0.4	0.90	0.80	0.61	0.4	0.91	0.81	0.61	0.4	
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10.2	
	kW	2.49	2.54	2.61	2.7	2.67	2.72	2.81	2.9	2.83	2.89	2.97	3.1	2.97	3.03	3.12	3.2	3.09	3.15	3.25	3.4	3.19	3.26	3.36	3.5	
	Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.0	9.2	9.5	9.9	
	HI PR	234	252	266	277.1	262	282	298	310.9	298	321	339	353.6	340	366	386	402.7	382	411	434	453.1	422	455	480	500.6	
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		

EXPANDED COOLING DATA — GSZ130363A* / AR*F364216** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
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		
80	MBh	34.98	35.75	38.19	40.82	34.17	34.91	37.30	39.88	33.35	34.08	36.41	38.93	32.54	33.25	35.53	37.98	30.91	31.59	33.75	36.08	28.64	29.26	31.26	33.42	28.64	29.26	31.26	33.42		
	S/T	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62		
	ΔT	21	20	18	14	22	21	18	14	22	21	18	14	21	21	18	14	20	20	18	14	18	19	17	13.3	18	19	17	13.3		
	kW	2.56	2.61	2.69	2.8	2.75	2.80	2.89	3.0	2.91	2.97	3.06	3.2	3.06	3.12	3.22	3.3	3.18	3.25	3.35	3.5	3.29	3.36	3.46	3.6	3.29	3.36	3.46	3.6		
	Amps	6.8	6.9	7.1	7.4	7.3	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.5	9.8	10.2	9.3	9.5	9.8	10.2		
	HI PR	243	261	276	287.6	272	293	309	322.7	310	333	352	367.0	353	380	401	418.0	397	427	451	470.3	438	472	498	519.6	438	472	498	519.6		
	LO PR	109	116	127	134.8	115	123	134	142.4	120	127	139	148.0	126	134	146	155.5	132	140	153	163.0	136	145	158	168.6	136	145	158	168.6		
	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	28.2	28.8	30.8	32.9		
	S/T	0.90	0.85	0.69	0.5	0.94	0.88	0.72	0.5	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.6	1.00	0.97	0.79	0.6	1.00	0.97	0.79	0.6	1.00	0.97	0.79	0.6		
	ΔT	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14.1	20	20	18	14.1		
1275	kW	2.55	2.60	2.67	2.8	2.73	2.79	2.87	3.0	2.89	2.95	3.05	3.1	3.04	3.10	3.20	3.3	3.16	3.23	3.33	3.4	3.27	3.34	3.44	3.6	3.27	3.34	3.44	3.6		
	Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.3	9.5	9.8	10.1		
	HI PR	241	259	274	285.6	270	291	307	320.5	308	331	349	364.5	350	377	398	415.1	394	424	448	467.0	435	468	495	516.0	435	468	495	516.0		
	LO PR	108	115	126	133.9	114	122	133	141.5	119	126	138	147.0	125	133	145	154.4	131	139	152	161.8	135	144	157	167.4	135	144	157	167.4		
	MBh	32.7	33.5	35.7	38.2	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	30.5	31.1	33.3	35.5	28.9	29.6	31.6	33.8	26.8	27.4	29.3	31.3	26.8	27.4	29.3	31.3		
	S/T	0.87	0.81	0.66	0.5	0.90	0.84	0.69	0.5	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.5	0.99	0.92	0.75	0.6	0.99	0.93	0.76	0.6	0.99	0.93	0.76	0.6		
	ΔT	23	22	19	15	23	22	20	16	23	23	20	16	24	23	20	16	23	22	19	16	22	21	18	14.5	22	21	18	14.5		
	kW	2.51	2.56	2.63	2.7	2.69	2.74	2.83	2.9	2.85	2.91	3.00	3.1	2.99	3.05	3.15	3.2	3.11	3.18	3.28	3.4	3.21	3.28	3.39	3.5	3.21	3.28	3.39	3.5		
	Amps	6.6	6.8	7.0	7.2	7.1	7.3	7.5	7.7	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.1	9.3	9.6	10.0		
	HI PR	236	254	268	279.9	265	285	301	314.1	301	324	342	357.2	343	369	390	406.8	386	416	439	457.7	427	459	485	505.7	427	459	485	505.7		
LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	133	141	154	164			

1425	MBh	35.59	36.28	38.00	40.54	34.76	35.44	37.11	39.60	33.94	34.59	36.23	38.65	33.11	33.75	35.35	37.71	31.45	32.06	33.58	35.82	29.14	29.70	31.11	33.19						
	S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80						
	ΔT	23	22	21	18	22	23	21	19	22	22	21	19	21	22	22	19	20	21	21	18	19	19	20	17.2						
	kW	2.58	2.63	2.71	2.8	2.77	2.82	2.91	3.0	2.93	2.99	3.09	3.2	3.08	3.14	3.24	3.3	3.20	3.27	3.38	3.5	3.31	3.38	3.49	3.6						
	Amps	6.8	7.0	7.2	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.3						
	HI PR	245	264	278	290.5	275	296	313	325.9	313	337	355	370.7	356	383	405	422.2	401	431	455	475.0	443	476	503	524.8						
	LO PR	110	117	128	136.2	116	124	135	143.9	121	129	140	149.5	127	135	147	157.1	133	142	155	164.6	138	146	160	170.3						
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7						
	S/T	0.95	0.91	0.83	0.7	0.98	0.95	0.86	0.7	1.00	0.97	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.95	0.8						
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	22	19	21	21	21	18.1						
	kW	2.57	2.62	2.70	2.8	2.75	2.81	2.89	3.0	2.92	2.98	3.07	3.2	3.06	3.13	3.23	3.3	3.19	3.25	3.36	3.5	3.29	3.36	3.47	3.6						
1275	Amps	6.8	6.9	7.1	7.4	7.3	7.4	7.7	7.9	7.9	8.0	8.3	8.6	8.4	8.5	8.8	9.1	8.9	9.1	9.3	9.7	9.4	9.6	9.9	10.2						
	HI PR	243	262	277	288.5	273	294	310	323.7	311	334	353	368.1	354	381	402	419.3	398	428	452	471.7	440	473	500	521.1						
	LO PR	109	116	127	135.2	116	123	134	142.9	120	128	139	148.5	126	134	146	156.0	132	141	153	163.5	137	145	159	169.1						
	MBh	33.3	34.0	35.6	37.9	32.5	33.2	34.7	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.3	29.4	30.0	31.4	33.5	27.3	27.8	29.1	31.1						
	S/T	0.91	0.88	0.79	0.6	0.94	0.91	0.82	0.7	0.96	0.93	0.84	0.7	1.00	0.96	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.91	0.7						
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	23	22	18.7						
	kW	2.53	2.58	2.65	2.7	2.71	2.77	2.85	2.9	2.87	2.93	3.02	3.1	3.01	3.08	3.17	3.3	3.14	3.20	3.30	3.4	3.24	3.31	3.41	3.5						
	Amps	6.7	6.8	7.0	7.3	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0						
	HI PR	239	257	271	282.7	268	288	304	317.2	304	328	346	360.8	347	373	394	410.9	390	420	443	462.2	431	464	490	510.7						
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166						

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

EXPANDED COOLING DATA — GSZ130483A* / AR*F486016**

		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	59	63	67	71	
70	1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	3.26	3.32	3.42	-	3.49	3.55	3.66	-	3.69	3.76	3.88	-	3.87	3.95	4.07	-	4.02	4.10	4.23	-	4.15	4.24	4.37	-
	Amps	7.5	7.7	7.9	-	8.1	8.3	8.5	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.9	10.1	10.4	-	10.4	10.7	11.0	-	
	HI PR	239	257	271	-	268	288	304	-	304	328	346	-	347	373	394	-	390	420	443	-	431	464	490	-	
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	kW	3.23	3.29	3.39	-	3.46	3.53	3.63	-	3.66	3.73	3.85	-	3.84	3.92	4.04	-	3.99	4.07	4.20	-	4.12	4.20	4.33	-	
	Amps	7.4	7.6	7.8	-	8.0	8.2	8.4	-	8.7	8.9	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	10.3	10.6	10.9	-	
1400	HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	416	439	-	427	459	485	-	
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	kW	3.16	3.22	3.31	-	3.38	3.45	3.55	-	3.58	3.65	3.76	-	3.75	3.83	3.94	-	3.89	3.98	4.10	-	4.02	4.10	4.23	-	
	Amps	7.3	7.4	7.6	-	7.8	8.0	8.2	-	8.4	8.6	8.9	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	10.1	10.3	10.6	-	
	HI PR	229	247	260	-	257	277	292	-	292	315	332	-	333	358	378	-	375	403	426	-	414	445	470	-	
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	

1800	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
	ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	21	19	15	11	19	17	14	10
	kW	3.28	3.34	3.44	3.54	3.51	3.58	3.69	3.80	3.72	3.79	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.40	4.55
	Amps	7.6	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.5
	HI PR	241	259	274	286	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.26	3.32	3.42	3.52	3.49	3.56	3.66	3.77	3.69	3.76	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.10	4.23	4.36	4.15	4.24	4.37	4.51
1600	Amps	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.2	9.9	10.1	10.4	10.8	10.4	10.7	11.0	11.4
	HI PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.34	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
	kW	3.19	3.25	3.34	3.44	3.41	3.48	3.58	3.68	3.60	3.68	3.79	3.90	3.78	3.86	3.97	4.10	3.93	4.01	4.13	4.26	4.05	4.14	4.27	4.40
	Amps	7.3	7.5	7.7	8.0	7.9	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.7	11.1
	HI PR	231	249	263	274	260	279	295	308	295	318	336	350	336	362	382	399	378	407	430	448	418	450	475	496
	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

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

EXPANDED COOLING DATA — GSZ130483A* / AR*F486016** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																													
80		MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57					
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62					
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14					
	1800	kW	3.30	3.37	3.47	3.57	3.54	3.61	3.72	3.83	3.75	3.82	3.94	4.06	3.93	4.01	4.13	4.26	4.08	4.17	4.30	4.43	4.22	4.31	4.44	4.58					
		Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.6					
		HI PR	243	262	277	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521					
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169					
		MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3					
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59					
		ΔT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15					
	1600	kW	3.28	3.34	3.44	3.54	3.51	3.58	3.69	3.80	3.72	3.79	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.26	4.40	4.18	4.27	4.41	4.55					
		Amps	7.6	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.3	10.0	10.2	10.5	10.9	10.5	10.8	11.1	11.5					
		HI PR	241	259	274	286	270	291	307	320	308	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516					
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167					
		MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9					
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57					
		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					
	1400	kW	3.21	3.27	3.36	3.46	3.43	3.50	3.60	3.71	3.63	3.71	3.82	3.93	3.81	3.89	4.00	4.13	3.96	4.04	4.16	4.29	4.08	4.17	4.30	4.44					
		Amps	7.4	7.5	7.8	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.2					
		HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501					
		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					

85	1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26				
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80				
		ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18				
		kW	3.33	3.39	3.49	3.60	3.56	3.64	3.74	3.86	3.77	3.85	3.97	4.09	3.96	4.04	4.16	4.30	4.11	4.20	4.33	4.47	4.25	4.34	4.48	4.62				
		Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.7	9.0	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.3	11.7				
		HI PR	246	265	279	291	276	297	313	327	314	338	356	372	357	384	406	423	402	433	457	476	444	478	505	526				
		LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171				
		MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0				
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77				
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19				
	1600	kW	3.30	3.37	3.47	3.57	3.54	3.61	3.72	3.83	3.75	3.82	3.94	4.06	3.93	4.01	4.13	4.26	4.08	4.17	4.30	4.43	4.22	4.31	4.44	4.58				
85		Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.6				
		HI PR	243	262	277	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521				
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169				
		MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7				
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74				
		ΔT	25	25	24	21	26	25	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	23	22	19				
		kW	3.23	3.29	3.39	3.49	3.46	3.53	3.63	3.74	3.66	3.73	3.85	3.96	3.84	3.92	4.03	4.16	3.99	4.07	4.20	4.33	4.12	4.20	4.33	4.47				
	1400	Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.7	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.3	10.6	10.9	11.3				
		HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506				
		LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164				

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

EXPANDED COOLING DATA — GSZ130484A* / AR*F486016**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																			
70		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								
	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-								
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.87	0.73	0.50	-								
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	16	14	11	-								
	1800	kW	3.25	3.31	3.41	-	3.48	3.54	3.65	-	3.68	3.75	3.87	-	3.86	3.94	4.06	-	4.01	4.09	4.22	-	4.14	4.23	4.36	-	4.14	4.23	4.36	-							
		Amps	4.4	4.5	4.7	-	4.7	4.9	5.0	-	5.1	5.2	5.4	-	5.5	5.6	5.7	-	5.8	5.9	6.1	-	6.1	6.2	6.4	-	6.1	6.2	6.4	-							
		HI PR	243	261	276	-	272	293	309	-	310	333	352	-	353	380	401	-	397	427	451	-	438	472	498	-	438	472	498	-							
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	134	143	156	-							
		MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-							
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-							
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
1400		kW	3.22	3.28	3.38	-	3.45	3.52	3.62	-	3.65	3.72	3.84	-	3.83	3.91	4.03	-	3.98	4.06	4.19	-	4.11	4.19	4.32	-	4.11	4.19	4.32	-							
		Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.0	-	6.0	6.2	6.4	-	6.0	6.2	6.4	-							
		HI PR	240	259	273	-	270	290	306	-	307	330	348	-	349	376	397	-	393	423	447	-	434	467	493	-	434	467	493	-							
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-							
		MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-							
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-							
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-							
		kW	3.15	3.21	3.30	-	3.37	3.44	3.54	-	3.57	3.64	3.75	-	3.74	3.82	3.93	-	3.88	3.97	4.09	-	4.01	4.09	4.22	-	4.01	4.09	4.22	-							
		Amps	4.3	4.4	4.5	-	4.6	4.7	4.8	-	5.0	5.1	5.2	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.9	6.0	6.2	-	5.9	6.0	6.2	-							
		HI PR	233	251	265	-	262	281	297	-	297	320	338	-	339	365	385	-	381	410	433	-	421	453	479	-	421	453	479	-							
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-								

		OUTDOOR AMBIENT TEMPERATURE												115																			
		65						75						85						95						105							
		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	59	63	67	71	59	63	67	71	59	63	67	71
1800	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88	37.52	38.64	41.82	44.88	37.52	38.64	41.82	44.88
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	0.99	0.89	0.67	0.43	0.99	0.89	0.67	0.43
	ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10	19	17	14	10	19	17	14	10
	kW	3.27	3.33	3.43	3.53	3.50	3.57	3.68	3.79	3.71	3.78	3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.25	4.39	4.17	4.26	4.39	4.54	4.17	4.26	4.39	4.54	4.17	4.26	4.39	4.54
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.2	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.1	6.4	6.2	6.3	6.5	6.7	6.2	6.3	6.5	6.7	6.2	6.3	6.5	6.7
	HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	383	405	422	401	431	456	475	443	477	503	525	443	477	503	525	443	477	503	525
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167	135	144	157	167
	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6
1600	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10	20	18	15	10
	kW	3.25	3.31	3.41	3.51	3.48	3.55	3.65	3.76	3.68	3.75	3.87	3.99	3.86	3.94	4.06	4.19	4.01	4.09	4.22	4.35	4.14	4.23	4.36	4.50	4.14	4.23	4.36	4.50	4.14	4.23	4.36	4.50
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7	6.1	6.2	6.4	6.7	6.1	6.2	6.4	6.7
	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	439	472	498	520	439	472	498	520
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	134	143	156	166	134	143	156	166
	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.34	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	33.6	34.6	37.5	40.2	33.6	34.6	37.5	40.2
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40
1400	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10	20	19	15	10	20	19	15	10
	kW	3.18	3.24	3.33	3.43	3.40	3.47	3.57	3.67	3.59	3.67	3.78	3.89	3.77	3.85	3.96	4.09	3.92	4.00	4.12	4.25	4.04	4.13	4.26	4.39	4.04	4.13	4.26	4.39	4.04	4.13	4.26	4.39
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.3	5.4	5.6	5.8	5.6	5.8	5.9	6.1	5.9	6.1	6.3	6.5	5.9	6.1	6.3	6.5	5.9	6.1	6.3	6.5
	HI PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504	425	458	483	504	425	458	483	504
	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	130	138	151	161	130	138	151	161
	MBh	38.2	39.4	42.6	45.7	37.2	38.4	41.6	44.7	36.1	37.3	40.5	43.6	34.7	35.9	39.1	42.2	33.2	34.4	37.6	40.7	31.7	32.9	36.1	39.2	30.7	31.9	35.1	38.2	31.7	32.9	36.1	39.2
	S/T	0.76	0.68	0.51	0.32	0.79	0.71	0.53	0.33	0.81	0.72	0.54	0.34	0.85	0.76	0.58	0.36	0.88	0.79	0.61	0.39	0.90	0.81	0.63	0.41	0.90	0.81	0.63	0.41	0.90	0.81	0.63	0.41
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10	20	19	15	10	20	19	15	10

EXPANDED COOLING DATA — GSZ130484A* / AR*F486016** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		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	59	63	67	71	59	63	67	71		
80	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57	38.19	39.03	41.69	44.57		
	S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62		
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14	20	20	18	14		
	kW	3.29	3.36	3.46	3.56	3.53	3.60	3.71	3.82	3.74	3.81	3.93	4.05	3.92	4.00	4.12	4.25	4.07	4.16	4.29	4.42	4.21	4.30	4.43	4.57	4.21	4.30	4.43	4.57		
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.9	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.2	6.4	6.6	6.8		
	HI PR	248	267	281	294	278	299	316	329	316	340	359	375	360	387	409	427	405	436	460	480	447	482	508	530	447	482	508	530		
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169		
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	37.1	37.9	40.5	43.3		
	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59		
	ΔT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15	21	21	18	15		
	kW	3.27	3.33	3.43	3.53	3.50	3.57	3.68	3.79	3.71	3.78	3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.25	4.39	4.17	4.26	4.40	4.54	4.17	4.26	4.40	4.54		
Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.7	6.2	6.3	6.5	6.7			
HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	384	405	422	401	431	456	475	443	477	503	525	443	477	503	525			
LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167			
MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	34.2	35.0	37.4	39.9			
S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57			
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	22	22	19	15			
kW	3.20	3.26	3.35	3.45	3.42	3.49	3.59	3.70	3.62	3.70	3.81	3.92	3.80	3.88	3.99	4.12	3.95	4.03	4.15	4.28	4.07	4.16	4.29	4.43	4.07	4.16	4.29	4.43			
Amps	4.4	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.2	5.3	5.5	5.4	5.5	5.7	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	6.0	6.1	6.3	6.6			
HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	462	488	509	430	462	488	509			
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	131	140	152	162			

1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26
	S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
	ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18
	kW	3.32	3.38	3.48	3.59	3.55	3.63	3.73	3.85	3.76	3.84	3.96	4.08	3.95	4.03	4.15	4.29	4.10	4.19	4.32	4.46	4.24	4.33	4.47	4.61
	Amps	4.5	4.6	4.8	4.9	4.9	5.0	5.1	5.3	5.3	5.4	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.8
	HI PR	250	269	284	296	281	302	319	333	319	344	363	378	364	391	413	431	409	440	465	485	452	486	514	536
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19
1600	kW	3.29	3.36	3.46	3.56	3.53	3.60	3.71	3.82	3.74	3.81	3.93	4.05	3.92	4.00	4.12	4.25	4.07	4.16	4.29	4.42	4.21	4.30	4.43	4.57
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.9	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
	HI PR	248	267	281	294	278	299	316	329	316	340	359	375	360	387	409	427	405	436	460	480	447	482	508	530
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
1400	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	ΔT	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19
	kW	3.22	3.28	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.72	3.84	3.95	3.83	3.91	4.02	4.15	3.98	4.06	4.19	4.32	4.11	4.19	4.32	4.46
	Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.1	5.2	5.4	5.5	5.4	5.5	5.7	5.9	5.7	5.9	6.0	6.3	6.0	6.2	6.4	6.6
	HI PR	240	259	273	285	270	290	306	319	307	330	348	363	349	376	397	414	393	423	446	466	434	467	493	514

EXPANDED COOLING DATA — GSZ130603A* /AR*F486016**

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
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																					
2025	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-																				
	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	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-																				
	kW	4.06	4.14	4.26	-	4.35	4.44	4.57	-	4.61	4.70	4.85	-	4.84	4.94	5.09	-	5.03	5.14	5.30	-	5.20	5.31	5.48	-	5.20	5.31	5.48	-																				
	Amps	8.4	8.6	8.8	-	9.0	9.2	9.6	-	9.8	10.1	10.4	-	10.5	10.8	11.1	-	11.2	11.4	11.8	-	11.8	12.1	12.5	-	11.8	12.1	12.5	-																				
	HI PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-	406	437	461	-																				
	LO PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	127	136	148	-	127	136	148	-																				
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-																				
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-																				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-																				
	1800	kW	4.03	4.11	4.23	-	4.32	4.41	4.54	-	4.57	4.67	4.81	-	4.80	4.90	5.05	-	4.99	5.10	5.26	-	5.16	5.27	5.43	-	5.16	5.27	5.43	-																			
1575	Amps	8.3	8.5	8.8	-	8.9	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.4	-	11.7	12.0	12.4	-																				
	HI PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-	402	433	457	-																				
	LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-																				
	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-	41.0	42.5	46.5	-																				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-																				
	ΔT	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-																				
	kW	3.94	4.02	4.13	-	4.22	4.30	4.43	-	4.47	4.56	4.70	-	4.69	4.78	4.93	-	4.87	4.98	5.13	-	5.03	5.14	5.30	-	5.03	5.14	5.30	-																				
	Amps	8.1	8.2	8.5	-	8.7	8.9	9.2	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.7	12.1	-	11.4	11.7	12.1	-																				
	HI PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	390	420	443	-																				
	LO PR	98	104	114	-	103	110	120	-	108	114	125	-	113	120	131	-	118	126	137	-	122	130	142	-	122	130	142	-																				

		OUTDOOR AMBIENT TEMPERATURE												115																			
		65						75						85						95						105							
		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	59	63	67	71	59	63	67	71	59	63	67	71
2025	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	54.40	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62	46.50	47.87	51.82	55.62	46.50	47.87	51.82	55.62
	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	0.98	0.88	0.67	0.43	0.98	0.88	0.67	0.43
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11	21	19	16	11	21	19	16	11
	kW	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.65	4.74	4.89	5.04	4.88	4.98	5.13	5.30	5.07	5.18	5.34	5.52	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70
	Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.6	11.9	12.4	12.0	12.3	12.7	13.2	12.0	12.3	12.7	13.2	12.0	12.3	12.7	13.2
	HI PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486	410	441	466	486	410	441	466	486
	LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	129	137	150	159	129	137	150	159
1800	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	45.1	46.5	50.3	54.0	45.1	46.5	50.3	54.0
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11	22	20	16	11	22	20	16	11
	kW	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.72	4.61	4.71	4.85	5.00	4.84	4.94	5.09	5.26	5.03	5.14	5.30	5.47	5.20	5.31	5.48	5.66	5.20	5.31	5.48	5.66	5.20	5.31	5.48	5.66
	Amps	8.4	8.6	8.8	9.2	9.0	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.5	11.8	12.3	11.8	12.1	12.5	13.0	11.8	12.1	12.5	13.0	11.8	12.1	12.5	13.0
	HI PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481	406	437	461	481	406	437	461	481
	LO PR	102	108	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158	128	136	148	158	128	136	148	158
1575	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.75	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	41.7	42.9	46.4	49.8	41.7	42.9	46.4	49.8
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	22	20	17	11	22	20	17	11
	kW	3.97	4.05	4.17	4.29	4.25	4.34	4.47	4.61	4.50	4.60	4.74	4.88	4.72	4.82	4.97	5.13	4.91	5.02	5.17	5.34	5.07	5.18	5.35	5.52	5.07	5.18	5.35	5.52	5.07	5.18	5.35	5.52
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.7	11.5	11.8	12.2	12.7	11.5	11.8	12.2	12.7
	HI PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467	394	424	448	467	394	424	448	467
	LO PR	99	105	115	122	105	111	121	129	109	116	126	134	114	121	133	141	120	127	139	148	124	132	144	153	124	132	144	153	124	132	144	153

EXPANDED COOLING DATA — GSZ130603A* /AR*F486016** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
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		
80	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23	47.32	48.36	51.66	55.23		
	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	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62		
	ΔT	25	24	21	16	26	24	21	17	25	24	21	17	24	24	21	17	23	24	21	17	21	22	19	15	21	22	19	15		
	kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.93	5.08	4.92	5.02	5.18	5.34	5.11	5.22	5.39	5.56	5.28	5.40	5.57	5.75	5.28	5.40	5.57	5.75		
	Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.1	12.4	12.8	13.3	12.1	12.4	12.8	13.3		
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491	414	446	471	491		
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	130	138	151	161		
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6		
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59		
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	22	17	23	23	20	16	23	23	20	16		
	kW	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.65	4.74	4.89	5.04	4.88	4.98	5.14	5.30	5.07	5.18	5.34	5.52	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70		
	Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.6	11.9	12.4	12.0	12.3	12.7	13.2	12.0	12.3	12.7	13.2		
	HI PR	227	244	258	269	255	274	290	302	290	312	329	343	330	355	375	391	371	400	422	440	410	441	466	486	410	441	466	486		
	LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	129	137	150	159		
1575	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5		
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57		
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16	25	24	20	16		
	kW	4.00	4.08	4.20	4.32	4.28	4.37	4.50	4.64	4.54	4.63	4.77	4.92	4.76	4.86	5.01	5.17	4.95	5.06	5.21	5.38	5.12	5.22	5.39	5.56	5.12	5.22	5.39	5.56		
	Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.6	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.1	11.6	11.9	12.3	12.8	11.6	11.9	12.3	12.8		
	HI PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472	398	428	452	472		
	LO PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155	125	133	145	155		

2025	MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84	
	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	25	21	25	26	25	21	25	25	25	22	24	24	25	21	22	22	23	20	
	kW	4.15	4.23	4.36	4.49	4.45	4.54	4.68	4.83	4.72	4.82	4.97	5.12	4.95	5.06	5.22	5.38	5.15	5.26	5.43	5.61	5.33	5.44	5.61	5.80	
	Amps	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.7	11.1	10.8	11.1	11.4	11.9	11.5	11.8	12.2	12.6	12.2	12.5	12.9	13.4	
	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	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163	
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2	
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	26	22	24	24	24	21	
	kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.93	5.08	4.92	5.02	5.18	5.34	5.11	5.22	5.39	5.56	5.28	5.40	5.57	5.75	
	Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.1	12.4	12.8	13.3	
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491	
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	
1800	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21	
	kW	4.03	4.11	4.23	4.36	4.32	4.40	4.54	4.68	4.57	4.67	4.81	4.96	4.80	4.90	5.05	5.21	4.99	5.10	5.26	5.43	5.16	5.27	5.43	5.61	
	Amps	8.3	8.5	8.8	9.1	8.9	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9	
	HI PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476	
	LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156	
	1575	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
		ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21
		kW	4.03	4.11	4.23	4.36	4.32	4.40	4.54	4.68	4.57	4.67	4.81	4.96	4.80	4.90	5.05	5.21	4.99	5.10	5.26	5.43	5.16	5.27	5.43	5.61
		Amps	8.3	8.5	8.8	9.1	8.9	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9
		HI PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476
		LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156

EXPANDED COOLING DATA — GSZ130604A* /AR*F486016**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		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	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-	45.7	47.4	51.9	-				
	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	-	0.86	0.72	0.50	-				
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-				
	kW	4.06	4.14	4.26	-	4.35	4.44	4.57	-	4.61	4.70	4.85	-	4.84	4.94	5.09	-	5.03	5.14	5.30	-	5.20	5.31	5.48	-	5.20	5.31	5.48	-	5.20	5.31	5.48	-				
	Amps	4.6	4.7	4.9	-	5.0	5.1	5.2	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.1	6.2	6.4	-	6.4	6.5	6.8	-	6.4	6.5	6.8	-	6.4	6.5	6.8	-				
	HI PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-	406	437	461	-	406	437	461	-				
	LO PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	127	136	148	-	127	136	148	-	127	136	148	-				
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-				
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-				
	kW	4.03	4.11	4.23	-	4.32	4.41	4.54	-	4.57	4.67	4.81	-	4.80	4.90	5.05	-	4.99	5.10	5.26	-	5.16	5.27	5.43	-	5.16	5.27	5.43	-	5.16	5.27	5.43	-				
	Amps	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.8	6.0	-	6.0	6.1	6.3	-	6.3	6.5	6.7	-	6.3	6.5	6.7	-	6.3	6.5	6.7	-				
	HI PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-	402	433	457	-	402	433	457	-				
	LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-	126	134	147	-				
1575	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-	41.0	42.5	46.5	-	41.0	42.5	46.5	-				
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	ΔT	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-	19	16	12	-				
	kW	3.94	4.02	4.13	-	4.22	4.30	4.43	-	4.47	4.56	4.70	-	4.69	4.78	4.93	-	4.87	4.98	5.13	-	5.03	5.14	5.30	-	5.03	5.14	5.30	-	5.03	5.14	5.30	-				
	Amps	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-				
	HI PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	390	420	443	-	390	420	443	-				
	LO PR	98	104	114	-	103	110	120	-	108	114	125	-	113	120	131	-	118	126	137	-	122	130	142	-	122	130	142	-	122	130	142	-				

2025	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	54.40	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62	
	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	
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11	
	kW	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.65	4.74	4.89	5.04	4.88	4.98	5.13	5.30	5.07	5.18	5.34	5.52	5.24	5.35	5.52	5.70	
	Amps	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.4	6.7	6.5	6.6	6.8	7.1	
	HI PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486	
	LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11	
	kW	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.72	4.61	4.71	4.85	5.00	4.84	4.94	5.09	5.26	5.03	5.14	5.30	5.47	5.20	5.31	5.48	5.66	
	1800	Amps	4.6	4.7	4.9	5.0	5.0	5.1	5.2	5.4	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.6	6.4	6.5	6.8	7.0
HI PR		225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481	
LO PR		102	108	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158	
MBh		50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.75	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
S/T		0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
ΔT		23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
kW		3.97	4.05	4.17	4.29	4.25	4.34	4.47	4.61	4.50	4.60	4.74	4.88	4.72	4.82	4.97	5.13	4.91	5.02	5.17	5.34	5.07	5.18	5.35	5.52	
Amps		4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.4	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	
HI PR		218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
LO PR		99	105	115	122	105	111	121	129	109	116	126	134	114	121	133	141	120	127	139	148	124	132	144	153	
1575																										

EXPANDED COOLING DATA — GSZ130604A* /AR*F486016** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																															
		65					75					85					95					105					115						
IDB	AIRFLOW	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71			
80	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23	47.32	48.36	51.66	55.23	47.32	48.36	51.66	55.23
	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	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
	ΔT	25	24	21	16	26	24	21	17	25	24	21	17	24	24	21	17	23	24	21	17	21	22	19	15	21	22	19	15	21	22	19	15
	kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.93	5.08	4.92	5.02	5.18	5.34	5.11	5.22	5.39	5.56	5.28	5.40	5.57	5.75	5.28	5.40	5.57	5.75	5.28	5.40	5.57	5.75
	Amps	4.7	4.8	5.0	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.2	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.5	6.7	6.9	7.1	6.5	6.7	6.9	7.1
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491	414	446	471	491	414	446	471	491
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	130	138	151	161	130	138	151	161
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6	45.9	46.9	50.2	53.6
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	22	17	23	23	20	16	23	23	20	16	23	23	20	16
1575	kW	4.09	4.17	4.29	4.42	4.38	4.47	4.61	4.75	4.65	4.74	4.89	5.04	4.88	4.98	5.14	5.30	5.07	5.18	5.34	5.52	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70
	Amps	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.4	6.7	6.5	6.6	6.8	7.1	6.5	6.6	6.8	7.1	6.5	6.6	6.8	7.1
	HI PR	227	244	258	269	255	274	290	302	290	312	329	343	330	355	375	391	371	400	422	440	410	441	466	486	410	441	466	486	410	441	466	486
	LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	129	137	150	159	129	137	150	159
	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5	42.4	43.3	46.3	49.5
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.56	0.99	0.93	0.76	0.57
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16	25	24	20	16	25	24	20	16
	kW	4.00	4.08	4.20	4.32	4.28	4.37	4.50	4.64	4.54	4.63	4.77	4.92	4.76	4.86	5.01	5.17	4.95	5.06	5.21	5.38	5.12	5.22	5.39	5.56	5.12	5.22	5.39	5.56	5.12	5.22	5.39	5.56
	Amps	4.6	4.7	4.8	5.0	4.9	5.0	5.1	5.3	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.5	6.3	6.4	6.6	6.9	6.3	6.4	6.6	6.9	6.3	6.4	6.6	6.9
	HI PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472	398	428	452	472	398	428	452	472
LO PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155	125	133	145	155	125	133	145	155	

2025	MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84
	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	25	21	25	26	25	21	25	25	25	22	24	24	25	21	22	22	23	20
	kW	4.15	4.23	4.36	4.49	4.45	4.54	4.68	4.83	4.72	4.82	4.97	5.12	4.95	5.06	5.22	5.38	5.15	5.26	5.43	5.61	5.33	5.44	5.61	5.80
	Amps	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.7	6.9	7.2
	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	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	26	22	24	24	24	21
	kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.68	4.78	4.93	5.08	4.92	5.02	5.18	5.34	5.11	5.22	5.39	5.56	5.28	5.40	5.57	5.75
1800	Amps	4.7	4.8	5.0	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.2	6.3	6.5	6.7	6.5	6.7	6.9	7.1
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161
	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21
	kW	4.03	4.11	4.23	4.36	4.32	4.40	4.54	4.68	4.57	4.67	4.81	4.96	4.80	4.90	5.05	5.21	4.99	5.10	5.26	5.43	5.16	5.27	5.43	5.61
	Amps	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	6.9
	HI PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476
	LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156
	1575	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1
S/T		0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
ΔT		28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21
kW		4.03	4.11	4.23	4.36	4.32	4.40	4.54	4.68	4.57	4.67	4.81	4.96	4.80	4.90	5.05	5.21	4.99	5.10	5.26	5.43	5.16	5.27	5.43	5.61
Amps		4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	6.9
HI PR		222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476
LO PR		101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156

EXPANDED HEATING DATA

GSZ130363A* / AR*F364216**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	34.0	32.9	30.6	28.2	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	31.0	29.4	27.7	25.9	24.7	23.9	22.2	20.5	14.5	13.4	12.3	11.6	11.2	10.0	8.9	7.8	6.6	5.4
kW	2.90	2.84	2.79	2.73	2.70	2.68	2.63	2.58	2.42	2.37	2.32	2.29	2.27	2.22	2.17	2.12	2.07	2.02
Amps	9.9	9.2	8.7	8.2	7.9	7.8	7.4	7.0	6.7	6.5	6.2	6.0	6.0	5.7	5.3	5.1	4.7	4.3
COP	4.32	4.17	4.00	3.81	3.68	3.60	3.41	3.21	2.41	2.27	2.14	2.05	1.99	1.82	1.65	1.48	1.29	1.08
EER	14.8	14.2	13.7	13.0	12.6	12.3	11.6	11.0	8.2	7.8	7.3	7.0	6.8	6.2	5.7	5.0	4.4	3.7

GSZ130483A* / AR*F486016**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.94	3.87	3.80	3.72	3.68	3.65	3.58	3.51	3.49	3.42	3.34	3.30	3.27	3.20	3.12	3.05	2.98	2.90
Amps	11.1	10.3	9.7	9.1	8.8	8.6	8.2	7.8	7.5	7.2	6.8	6.7	6.6	6.3	5.9	5.6	5.2	4.7
COP	4.10	3.96	3.80	3.62	3.50	3.42	3.24	3.05	2.82	2.66	2.50	2.39	2.33	2.14	1.94	1.73	1.51	1.27
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	7.9	7.3	6.6	5.9	5.2	4.3

GSZ130484A* / AR*F486016**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.94	3.87	3.80	3.73	3.68	3.65	3.58	3.51	3.49	3.42	3.34	3.30	3.27	3.20	3.12	3.05	2.98	2.90
Amps	6.1	5.7	5.4	5.1	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.8	3.7	3.5	3.3	3.2	3.0	2.7
COP	4.10	3.96	3.80	3.62	3.50	3.42	3.24	3.05	2.82	2.66	2.50	2.39	2.33	2.14	1.94	1.73	1.51	1.27
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	7.9	7.3	6.6	5.9	5.2	4.3

GSZ130603A* / AR*F486016**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	37.5	35.5	33.4	31.2	29.8	28.9	26.9	24.8	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	5.21	5.11	5.01	4.91	4.86	4.81	4.72	4.62	4.65	4.55	4.45	4.39	4.34	4.24	4.14	4.04	3.94	3.84
Amps	13.1	12.2	11.4	10.7	10.3	10.1	9.5	9.0	8.6	8.2	7.8	7.7	7.6	7.2	6.7	6.3	5.8	5.2
COP	4.10	3.95	3.79	3.62	3.50	3.42	3.24	3.05	2.82	2.67	2.51	2.40	2.34	2.15	1.95	1.74	1.53	1.28
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.7	6.0	5.2	4.4

GSZ130604A* / AR*F486016**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	37.5	35.5	33.4	31.2	29.8	28.9	26.9	24.8	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	5.21	5.11	5.01	4.91	4.86	4.81	4.72	4.62	4.65	4.55	4.45	4.39	4.34	4.24	4.14	4.04	3.94	3.84
Amps	6.5	6.1	5.7	5.4	5.2	5.1	4.8	4.6	4.4	4.2	4.1	4.0	3.9	3.7	3.5	3.3	3.1	2.8
COP	4.10	3.95	3.79	3.62	3.50	3.42	3.24	3.05	2.82	2.67	2.51	2.40	2.34	2.15	1.95	1.74	1.53	1.28
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.7	6.0	5.2	4.4

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

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

AHRI PERFORMANCE RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			AHRI #
	COILS/AIR HANDLERS	FURNACES/BLOWERS	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	HIGH	HSPF ⁴	LOW	
GSZ13 0363A*	ADPF304216C		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.0	20,000	3787891
	AR*F363616C		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.0	20,000	4261914
	AR*F364216C		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.0	20,000	3787452
	ASPF313716E		35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.2	20,000	4355475
	AVPTC313714		35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.2	20,000	4432056
	AWUF37XX16B		34,000	25,200	13.00	11.00	31,500	24,900	34,000	8.0	17,000	3784238
	CA*F3642*6D	MBE1600**-1B	35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.2	20,000	3880687
	CA*F3642*6D	MBVC1600**-1A	35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.2	20,000	3880694
	CA*F3642*6D+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	3880682
	CA*F3743*6D	MBVC1600**-1A	35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.2	20,000	4415217
	CA*F3743*6D+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	4415216
	CHPF3636B6C+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	3784207
	CHPF3642C6C	MBE1600**-1B	35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.0	20,000	3784243
	CHPF3642C6C	MBVC1600**-1A	35,000	25,900	14.00	11.30	32,400	25,600	34,000	8.0	20,000	3784244
	CHPF3642C6C+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	3784208
	CHPF3642D6C+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	3784209
	CSCF3642N6D+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.8	20,000	4767612
GSZ13 0483A*	ADPF486016C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	4358325
	AEPF426016C+TXV		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784248
	AR*F486016C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	3896074
	AR*F496116C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	4358326
	ASPF426016E+TXV		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	4358328
	AVPTC426014		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	4431317
	CA*F4860*6D	MBE2000**-1B	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3880751
	CA*F4860*6D	MBVC2000**-1A	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3880763
	CA*F4860*6D+EEP		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	3880741
	CHPF4860D6D	MBE2000**-1B	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784255
	CHPF4860D6D	MBVC2000**-1A	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784256
	CHPF4860D6D+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.2	27,000	3784213
	CSCF4860N6D+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.2	27,000	4767624
GSZ13 0484A*	ADPF486016C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	4358329
	AEPF426016C+TXV		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784272
	AR*F486016C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	3896075
	AR*F496116C		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	4358330
	ASPF426016E+TXV		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	4358332
	AVPTC426014		46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	4431318
	CA*F4860*6D	MBE2000**-1B	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3880753
	CA*F4860*6D	MBVC2000**-1A	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3880765
	CA*F4860*6D+EEP		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.2	27,000	3880743
	CHPF4860D6D	MBE2000**-1B	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784279
	CHPF4860D6D	MBVC2000**-1A	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.2	27,000	3784280
	CHPF4860D6D+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.2	27,000	3784222
	CSCF4860N6D+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.2	27,000	4767625

See Notes on Page 16.

AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			AHRI #
	COILS/AIR HANDLERS	FURNACES/BLOWERS	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	HIGH	HSPF ⁴	LOW	
GSZ13 0603A*	ADPF486016C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	4358337
	AEPF426016C+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	36,000	3784260
	AR*F486016C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	3896077
	AR*F496116C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	4358338
	ASPF426016E+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	36,000	4358340
	AVPTC426014		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	34,800	4431325
	CA*F4860*6D	MBE2000**-1B	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3880752
	CA*F4860*6D	MBVC2000**-1A	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3880764
	CA*F4860*6D+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	3880742
	CA*F4961*6D+EEP		57,500	43,100	13.00	11.00	53,200	42,600	58,000	8.2	36,000	4431854
	CHPF4860D6D	MBE2000**-1B	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3784267
	CHPF4860D6D	MBVC2000**-1A	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3784268
	CHPF4860D6D+EEP		55,500	41,600	13.00	11.10	51,300	41,000	58,000	8.2	36,000	3784218
	CSCF4860N6D+EEP		57,000	42,800	13.00	11.00	52,700	42,200	58,000	8.2	36,000	4767631
GSZ13 0604A*	ADPF486016C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	4358341
	AEPF426016C+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	36,000	3784284
	AR*F486016C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	3896078
	AR*F496116C		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	4358342
	ASPF426016E+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	36,000	4358344
	AVPTC426014		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.5	34,800	4431326
	CA*F4860*6D	MBE2000**-1B	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3880754
	CA*F4860*6D	MBVC2000**-1A	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3880766
	CA*F4860*6D+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.2	36,000	3880744
	CA*F4961*6D+EEP		57,500	43,100	13.00	11.00	53,200	42,600	58,000	8.2	36,000	4431855
	CHPF4860D6D	MBE2000**-1B	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3784291
	CHPF4860D6D	MBVC2000**-1A	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.5	36,000	3784292
	CHPF4860D6D+EEP		55,500	41,600	13.00	11.10	51,300	41,000	58,000	8.2	36,000	3784227
	CSCF4860N6D+EEP		57,000	42,800	13.00	11.00	52,700	42,200	58,000	8.2	36,000	4767632

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80 °F/67 °F/95 °F

² Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

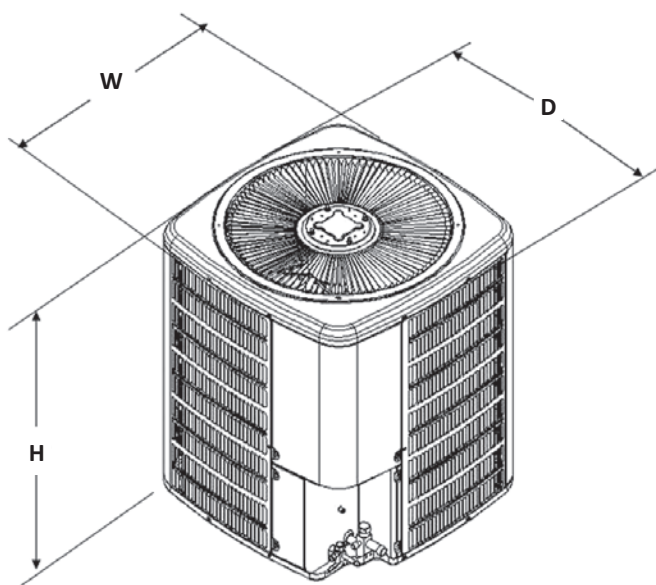
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F

⁴ HSPF = Heating Seasonal Performance Factor

NOTES:

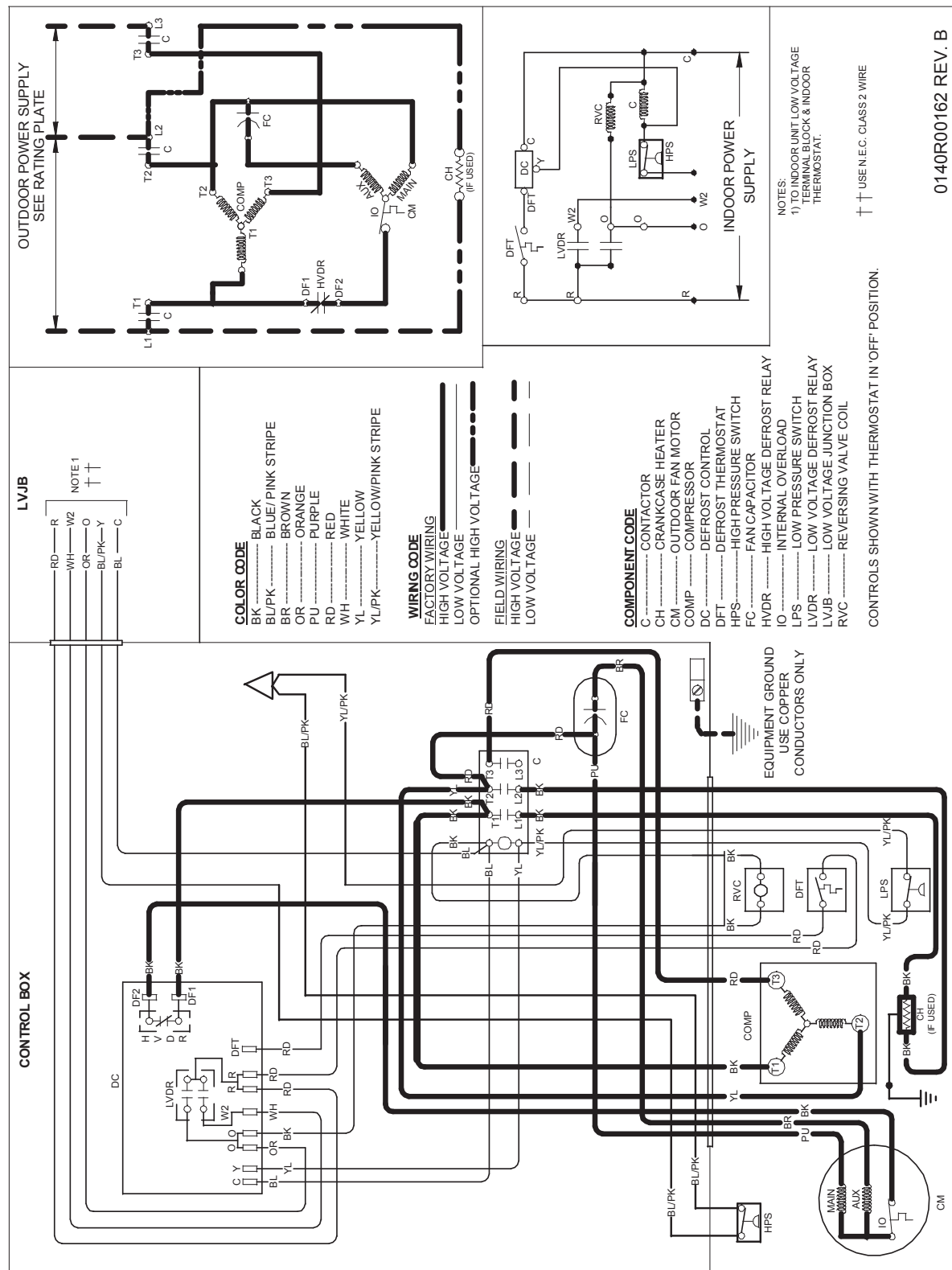
- Always check the S&R plate for electrical data on the unit being installed.
 - When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
 - EEP: Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S.
- The Goodman Gas Furnace contains the EEP cooling time delay

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSZ130363A*	29	29	38¼
GSZ130483A*	29	29	34¼
GSZ130484A*	29	29	34¼
GSZ130603A*	35½	35½	34¼
GSZ130604A*	35½	35½	34¼

WIRING DIAGRAM



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.

ACCESSORIES

MODEL #	DESCRIPTION	GSZ13 0363A*	GSZ13 0483A*	GSZ13 0484A*	GSZ13 0603A*	GSZ13 0604A*
0130R00000S	Low-pressure Switch Kit	X	X	X	X	X
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X	X
CSR-U-1	Hard-start Kit	X				
CSR-U-2	Hard-start Kit		X	X	X	X
CSR-U-3	Hard-start Kit		X	X	X	X
LAKT-01	Low-ambient Kit	X	X	X	X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X
TX3N4 ²	TXV Kit	X				
TX5N4 ²	TXV Kit		X	X	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 Field-installed, non-bleed, expansion valve kit — 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.

NOTES

