



Air Conditioning & Heating

NOMINAL COOLING CAPACITY: 17,400 TO 57,000 BTU/H

NOMINAL HEATING CAPACITY: 17,000 TO 58,000 BTU/H

GSZ13

ENERGY-EFFICIENT R-410A

SPLIT SYSTEM HEAT PUMP

1½ TO 5 TONS

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
- AHRI Certified; ETL Listed

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



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

NOMENCLATURE

	G	S	Z	13	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand							Engineering *		
G	Goodman® (Standard Feature Set Models)						Minor Revision		
S	Goodman® (High Feature Set Models)						Engineering *		
							Major Revision		
Product Category							Electrical		
S	Split System								
Unit Type							1	208/230 V, 1 Phase, 60 Hz	
C	Condenser R-22						2	220/240 V, 1 Phase, 50 Hz	
X	Condenser R-410A						3	208/230 V, 3 Phase, 60 Hz	
H	Heat Pump R-22						4	460 V, 3 Phase, 60 Hz	
Z	Heat Pump R-410A						5	380/415 V, 3 Phase, 50 Hz	
							Nominal Capacity		
Efficiency							018	1½ Tons	048 4 Tons
13	13 SEER						024	2 Tons	060 5 Tons
14	14 SEER						030	2½ Tons	090 7½ tons
16	16 SEER						036	3 Tons	120 10 Tons
							042	3½ Tons	

* Neither used for order entry or inventory management.

SPECIFICATIONS

	GSZ13 0181A*	GSZ13 0241C*	GSZ13 0301A*	GSZ13 0361B*	GSZ13 0421A*	GSZ13 0481A*	GSZ13 0601A*
NOMINAL CAPACITIES							
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	71	73	72	74	74	76	75
COMPRESSOR							
RLA	9.0	13.5	14.1	16.7	17.9	19.9	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Horsepower	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
FLA	0.70	0.70	1.10	1.50	1.50	1.50	1.50
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Line Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Valve Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	121	104	108	100	166	219	240
Shipped with Orifice Size	0.051	0.057	0.065	0.071	0.074	0.078	0.088
ELECTRICAL DATA							
Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Minimum Circuit Ampacity ²	12.4	17.5	18.7	22.4	23.9	26.4	34.5
Max. Overcurrent Protection ³	20	30	30	35	40	45	60
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{3}{4}$ "
EQUIPMENT WEIGHT (LBS)	142	142	152	164	171	180	279
SHIP WEIGHT (LBS)	159	159	169	182	189	198	301

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 $\frac{7}{8}$ " to $1\frac{1}{2}$ " adapters for suction line connections.
- Unit is charged with refrigerant for 15' of $\frac{3}{8}$ " liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- 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 — GSZ130181A* / AR*F182416**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		IDB		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
ENTERING INDOOR WET BULB TEMPERATURE																																					
70	675	MBh	17.1	17.7	19.4	-	16.7	17.3	18.9	-	16.3	16.9	18.5	-	15.9	16.4	18.0	-	15.1	15.6	17.1	-	14.0	14.5	15.9	-	15.1	15.6	17.1	-	14.0	14.5	15.9	-			
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-			
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	17	15	11	-	16	14	11	-			
		kW	1.25	1.27	1.31	-	1.34	1.37	1.41	-	1.42	1.45	1.50	-	1.49	1.52	1.57	-	1.55	1.59	1.64	-	1.61	1.64	1.69	-	1.55	1.59	1.64	-	1.61	1.64	1.69	-			
		Amps	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	6.4	6.5	6.8	-	6.0	6.2	6.4	-	6.4	6.5	6.8	-			
	600	Hi PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-	367	395	418	-	406	437	461	-			
		Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-	131	140	152	-	136	144	158	-			
		MBh	16.6	17.2	18.8	-	16.2	16.8	18.4	-	15.8	16.4	17.9	-	15.4	16.0	17.5	-	14.6	15.2	16.6	-	13.6	14.0	15.4	-	14.6	15.2	16.6	-	13.6	14.0	15.4	-			
		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	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-			
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-			
525	kW	1.24	1.26	1.30	-	1.33	1.36	1.40	-	1.41	1.44	1.48	-	1.48	1.51	1.56	-	1.54	1.57	1.62	-	1.59	1.63	1.68	-	1.54	1.57	1.62	-	1.59	1.63	1.68	-				
	Amps	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.4	5.6	-	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.3	6.5	6.7	-	6.0	6.1	6.3	-	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	-	364	392	413	-	402	433	457	-				
	Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	130	138	151	-	134	143	156	-				
	MBh	15.3	15.8	17.4	-	14.9	15.5	16.9	-	14.6	15.1	16.5	-	14.2	14.7	16.1	-	13.5	14.0	15.3	-	12.5	13.0	14.2	-	13.5	14.0	15.3	-	12.5	13.0	14.2	-				
75	675	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	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-			
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-			
		kW	1.21	1.23	1.27	-	1.30	1.32	1.36	-	1.38	1.40	1.45	-	1.44	1.47	1.52	-	1.50	1.53	1.58	-	1.55	1.59	1.64	-	1.50	1.53	1.58	-	1.55	1.59	1.64	-			
		Amps	4.3	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.5	5.6	5.8	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-			
		Hi PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	353	380	401	-	390	420	443	-			
	600	Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	126	134	146	-	130	139	151	-			
		MBh	17.34	17.85	19.32	20.74	16.94	17.44	18.87	20.26	16.53	17.02	18.43	19.78	16.13	16.61	17.98	19.29	15.32	15.78	17.08	18.33	14.19	14.61	15.82	16.98	15.32	15.78	17.08	18.33	14.19	14.61	15.82	16.98			
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42			
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10	20	18	15	10	19	17	14	10			
		kW	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.51	1.56	1.50	1.54	1.58	1.64	1.57	1.60	1.65	1.70	1.62	1.65	1.71	1.76	1.57	1.60	1.65	1.70	1.62	1.65	1.71	1.76			
525	Amps	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.5	5.7	5.9	5.7	5.9	6.0	6.3	6.1	6.2	6.4	6.7	6.4	6.6	6.8	7.1	6.1	6.2	6.4	6.7	6.4	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	371	399	422	440	410	441	466	486				
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	133	141	154	164	137	146	159	170				
	MBh	16.8	17.3	18.8	20.1	16.4	16.9	18.3	19.7	16.1	16.5	17.9	19.2	15.7	16.1	17.5	18.7	14.9	15.3	16.6	17.8	13.8	14.2	15.4	16.5	14.9	15.3	16.6	17.8	13.8	14.2	15.4	16.5				
	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	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40				
600	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	21	19	16	11	20	18	15	10				
	kW	1.25	1.27	1.31	1.35	1.34	1.37	1.41	1.45	1.42	1.45	1.50	1.54	1.49	1.52	1.57	1.62	1.55	1.59	1.64	1.69	1.61	1.64	1.69	1.75	1.55	1.59	1.64	1.69	1.61	1.64	1.69	1.75				
	Amps	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.3	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.5	6.8	7.0	6.0	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	368	396	418	436	406	437	461	481				
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	131	140	153	162	136	145	158	168				
525	MBh	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.2	14.8	15.3	16.5	17.7	14.5	14.88	16.1	17.3	13.7	14.1	15.3	16.4	12.7	13.1	14.2	15.2	13.7	14.1	15.3	16.4	12.7	13.1	14.2	15.2				
	S/T	0.78	0.69	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	0.89	0.80	0.60	0.39	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39				
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	21	20	16	11	20	18	15	10				
	kW	1.22	1.24	1.28	1.32	1.31	1.33	1.38	1.42	1.39	1.42	1.46	1.51	1.46	1.49	1.53	1.58	1.51	1.55	1.60	1.65	1.57	1.60	1.65	1.71	1.51	1.55	1.60	1.65	1.57	1.60	1.65	1.71				
	Amps	4.4	4.5	4.6	4.8	4.7	4.9	5.0																													

EXPANDED COOLING DATA — GSZ130181A* / AR*F182416** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
80	MBh	17.65	18.03	18.41	18.79	19.17	19.55	19.93	20.31	20.69	21.07	21.45	21.83	22.21	22.59	22.97	23.35	23.73	24.11	24.49	24.87	25.25	25.63	26.01	26.39	26.77	27.15	27.53	27.91	28.29	28.67	29.05	29.43	29.81	30.19	30.57	30.95	31.33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	S/T	0.93	0.87	0.81	0.75	0.69	0.63	0.57	0.51	0.45	0.39	0.33	0.27	0.21	0.15	0.09	0.03	0.07	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75	0.79	0.83	0.87	0.91																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	ΔT	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</

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		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																													
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203																																																																																																																																																																																																																																																																																																																																																																																																																																																							
675	MBh	17.96	18.30	18.64	18.98	19.32	19.66	20.00	20.34	20.68	21.02	21.36	21.70	22.04	22.38	22.72	23.06	23.40	23.74	24.08	24.42	24.76	25.10	25.44	25.78	26.12	26.46	26.80	27.14	27.48	27.82	28.16	28.50	28.84	29.18	29.52	29.86	30.20	30.54	30.88	31.22																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	S/T	0.97	0.94	0.91	0.88	0.85	0.82	0.79	0.76	0.73	0.70	0.67	0.64	0.61	0.58	0.55	0.52	0.49	0.46	0.43	0.40	0.37	0.34	0.31	0.28	0.25	0.22	0.19	0.16	0.13	0.10	0.07	0.04	0.01	0.02	0.05	0.08	0.11	0.14	0.17	0.20																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	ΔT	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																																																																
	kW	1.28	1.30	1.34	1.38	1.42	1.46	1.50	1.54	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.02	2.06	2.10	2.14	2.18	2.22	2.26	2.30	2.34	2.38	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Amps	4.6	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																																	
600	Hi PR	232	249	263	275	287	299	311	323	335	347	359	371	383	395	407	419	431	443	455	467	479	491	503	515	527	539	551	563	575	587	599	611	623	635	647	659	671	683	695	707	719	731	743	755																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Lo PR	112	119	130	138	146	153	161	169	176	184	192	200	208	216	224	232	240	248	256	264	272	280	288	296	304	312	320	328	336	344	352	360	368	376	384	392	400	408	416	424	432	440	448	456																																																																																																																																																																																																																																																																																																																																																																																																																																																
	MBh	17.4	17.8	18.2	18.6	19.0	19.4	19.8	20.2	20.6	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.8	24.2	24.6	25.0	25.4	25.8	26.2	26.6	27.0	27.4	27.8	28.2	28.6	29.0	29.4	29.8	30.2	30.6	31.0	31.4	31.8	32.2	32.6	33.0	33.4	33.8	34.2	34.6	35.0																																																																																																																																																																																																																																																																																																																																																																																																																																															
	S/T	0.93	0.89	0.85	0.81	0.77	0.73	0.69	0.65	0.61	0.57	0.53	0.49	0.45	0.41	0.37	0.33	0.29	0.25	0.21	0.17	0.13	0.09	0.05	0.01	0.07	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75	0.79																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	ΔT	25	24	23	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																																																													
525	kW	1.27	1.29	1.33	1.37	1.41	1.45	1.49	1.53	1.57	1.61	1.65	1.69	1.73	1.77	1.81	1.85	1.89	1.93	1.97	2.01	2.05	2.09	2.13	2.17	2.21	2.25	2.29	2.33	2.37	2.41	2.45	2.49	2.53	2.57	2.61	2.65	2.69	2.73	2.77	2.81	2.85	2.89	2.93	2.97	3.01	3.05																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Amps	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Hi PR	229	247	261	272	284	296	308	320	332	344	356	368	380	392	404	416	428	440	452	464	476	488	500	512	524	536	548	560	572	584	596	608	620	632	644	656	668	680	692	704	716	728	740	752	764	776																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Lo PR	111	118	129	137	145	153	161	169	177	185	193	201	209	217	225	233	241	249	257	265	273	281	289	297	305	313	321	329	337	345	353	361	369	377	385	393	401	409	417	425	433	441	449	457	465																																																																																																																																																																																																																																																																																																																																																																																																																																															
	MBh	16.1	16.4	17.2	18.3	19.4	20.5	21.6	22.7	23.8	24.9	26.0	27.1	28.2	29.3	30.4	31.5	32.6	33.7	34.8	35.9	37.0	38.1	39.2	40.3	41.4	42.5	43.6	44.7	45.8	46.9	48.0	49.1	50.2	51.3	52.4	53.5	54.6	55.7	56.8	57.9	59.0	60.1	61.2	62.3	63.4	64.5	65.6	66.7																																																																																																																																																																																																																																																																																																																																																																																																																																												
	S/T	0.89	0.86	0.78	0.63	0.50	0.38	0.27	0.17	0.08	0.00	-0.08	-0.16	-0.24	-0.32	-0.40	-0.48	-0.56	-0.64	-0.72	-0.80	-0.88	-0.96	-1.04	-1.12	-1.20	-1.28	-1.36	-1.44	-1.52	-1.60	-1.68	-1.76	-1.84	-1.92	-2.00	-2.08	-2.16	-2.24	-2.32	-2.40	-2.48	-2.56	-2.64	-2.72	-2.80	-2.88	-2.96																																																																																																																																																																																																																																																																																																																																																																																																																																													
	ΔT	25	25	23	20	17	14	11	8	5	2	0	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36	-38	-40	-42	-44	-46	-48	-50	-52	-54	-56	-58	-60	-62	-64	-66	-68	-70	-72	-74	-76	-78	-80																																																																																																																																																																																																																																																																																																																																																																																																																																									
	kW	1.24	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.54	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.02	2.06	2.10	2.14	2.18	2.22	2.26	2.30	2.34	2.38	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.70	2.74	2.78	2.82	2.86	2.90	2.94	2.98	3.02	3.06	3.10	3.14	3.18	3.22	3.26	3.30																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Amps	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Hi PR	222	239	253	264	276	288	300	312	324	336	348	360	372	384	396	408	420	432	444	456	468	480	492	504	516	528	540	552	564	576	588	600	612	624	636	648	660	672	684	696	708	720	732	744	756	768	780	792	804	816	828	840																																																																																																																																																																																																																																																																																																																																																																																																																																								
Lo PR	108	114	125	133	141	149	157	165	173	181	189	197	205	213	221	229	237	245	253	261	269	277	285	293	301	309	317	325	333	341	349	357	365	373	381	389	397	405	413	421	429	437	445	453	461	469	477	485	493	501	509	517	525	533	541	549	557	565	573	581	589	597	605	613	621	629	637	645	653	661	669	677	685	693	701	709	717	725	733	741	749	757	765	773	781	789	797	805	813	821	829	837	845	853	861	869	877	885	893	901	909	917	925	933	941	949	957	965	973	981	989	997	1005	1013	1021	1029	1037	1045	1053	1061	1069	1077	1085	1093	1101	1109	1117	1125	1133	1141	1149	1157	1165	1173	1181	1189	1197	1205	1213	1221	1229	1237	1245	1253	1261	1269	1277	1285	1293	1301	1309	1317	1325	1333	1341	1349	1357	1365	1373	1381	1389	1397	1405	1413	1421	1429	1437	1445	1453	1461	1469	1477	1485	1493	1501	1509	1517	1525	1533	1541	1549	1557	1565	1573	1581	1589	1597	1605	1613	1621	1629	1637	1645	1653	1661	1669	1677	1685	1693	1701	1709	1717	1725	1733	1741	1749	1757	1765	1773	1781	1789	1797	1805	1813	1821	1829	1837	1845	1853	1861	1869	1877	1885	1893	1901	1909	1917	1925	1933	1941	1949	1957	1965	1973	1981	1989	1997	2005	2013	2021	2029	2037	2045	2053	2061	2069	2077	2085	2093	2101	2109	2117	2125	2133	2141	2149	2157	2165	2173	2181	2189	2197	2205	2213	2221	2229	2237	2245	2253	2261	2269	2277	2285	2293	2301	2309	2317	2325	2333	2341	2349	2357	2365	2373	2381	2389	2397	2405	2413	2421	2429	2437	2445	2453	2461	2469	2477	2485	2493	2501	2509	2517	2525	2533	2541	2549	2557	2565	2573	2581	2589	2597	2605	2613	2621	2629	2637	2645	2653	2661	2669	2677	2685	2693	2701	2709	2717	2725	2733	2741	2749	2757	2765	2773	2781	2789	2797	2805	2813	2821	2829	2837	2845	2853	2861	2869	2877	2885	2893	2901	2909	2917	2925	2933	2941	2949	2957	2965	2973	2981	2989	2997	3005	3013	3021	3029	3037	3045	3053	3061	3069	3077	3085	3093	3101	3109	3117	3125	3133	3141	3149	3157	3165	3173	3181	3189	3197	3205	3213	3221	3229	3237	3245	3253	3261	3269	3277	3285	3293	3301	3309	3317	3325	3333	3341	3349	3357	3365	3373	3381	3389	3397	3405	3413	3421	3429	3437	3445	3453	3461	3469	3477	3485	3493	3501	3509	3517	3525	3533	3541	3549	3557	3565	3573	3581	3589	3597	3605	3613	3621	3629	3637	3645	3653	3661	3669	3677	3685	3693	3701	3709	3717	3725	3733	3741	3749	3757	3765	3773	3781	3789	3797	3805	3813	3821	3829	3837	3845	3853	3861	3869	3877	3885	3893	3901	3909	39

EXPANDED COOLING DATA — GSZ130241C*/AR*F182416**

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-
	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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
	KW	1.63	1.66	1.71	-	1.75	1.78	1.84	-	1.85	1.89	1.95	-	1.95	1.99	2.05	-	2.03	2.07	2.14	-	2.10	2.14	2.21	-
	Amps	6.1	6.2	6.4	-	6.5	6.7	6.9	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.5	-	8.5	8.8	9.0	-
800	Hi Pr	228	246	259	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-
	Lo Pr	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-
	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-
	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	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
700	KW	1.62	1.65	1.70	-	1.74	1.77	1.83	-	1.84	1.88	1.94	-	1.93	1.97	2.04	-	2.01	2.05	2.12	-	2.08	2.12	2.19	-
	Amps	6.0	6.2	6.3	-	6.5	6.6	6.9	-	7.0	7.2	7.4	-	7.5	7.7	8.0	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-
	Hi Pr	226	243	257	-	254	273	288	-	288	310	328	-	329	354	373	-	370	398	420	-	408	440	464	-
	Lo Pr	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-
700	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	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	KW	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.80	1.83	1.89	-	1.89	1.93	1.99	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-
	Amps	5.9	6.0	6.2	-	6.3	6.5	6.7	-	6.8	7.0	7.2	-	7.3	7.5	7.7	-	7.8	8.0	8.2	-	8.2	8.4	8.7	-
	Hi Pr	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	407	-	396	426	450	-
700	Lo Pr	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	139	-	124	132	144	-

900	MBh	22.92	23.60	25.54	27.41	22.39	23.05	24.95	26.78	21.85	22.50	24.36	26.14	21.32	21.95	23.76	25.50	20.25	20.85	22.57	24.23	18.76	19.32	20.91	22.44
	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	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	KW	1.64	1.67	1.73	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.04	2.09	2.16	2.23	2.11	2.16	2.23	2.30
	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	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
800	Hi Pr	231	248	262	273	259	279	294	307	294	317	334	349	335	361	381	397	377	406	429	447	417	448	474	494
	Lo Pr	104	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
	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	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
700	KW	1.63	1.66	1.71	1.77	1.75	1.79	1.84	1.90	1.85	1.89	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.28
	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	8.5	8.8	9.0	9.4
	Hi Pr	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	443	413	444	469	489
	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
	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
	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	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	KW	1.59	1.62	1.67	1.72	1.71	1.74	1.80	1.85	1.81	1.85	1.91	1.97	1.90	1.94	2.00	2.07	1.98	2.02	2.09	2.15	2.05	2.09	2.16	2.23
	Amps	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
	Hi Pr	222	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
Lo Pr	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	

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.

EXPANDED COOLING DATA — GSZ130241C*/AR*F182416** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	MBh	23.33	23.84	25.47	27.22	22.79	23.28	24.87	26.59	22.24	22.73	24.28	25.96	21.70	22.17	23.69	25.32	20.62	21.07	22.51	24.06	19.10	19.51	20.85	22.29		
	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	0.62		
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	21	19	15	21	22	19	15	20	20	18	14		
	KW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.98	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	2.32	
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.7	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6	
80	Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499		
	Lo Pr	106	112	123	131	112	119	130	138	116	123	135	143	121	130	141	151	128	136	148	158	132	140	153	163		
	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6		
	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		
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15		
700	KW	1.64	1.67	1.73	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.04	2.09	2.16	2.23	2.11	2.16	2.23	2.30		
	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	7.7	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	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	448	474	494		
	Lo Pr	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162		
	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0		
700	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		
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15		
	KW	1.60	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	2.11	2.17	2.25		
	Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2		
	Hi Pr	224	241	254	265	251	270	285	298	286	307	324	338	325	350	370	385	366	394	416	434	404	435	459	479		
Lo Pr	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157			
85	MBh	23.74	24.19	25.34	27.03	23.18	23.63	24.75	26.40	22.63	23.07	24.16	25.78	22.08	22.51	23.57	25.15	20.98	21.38	22.39	23.89	19.43	19.81	20.74	22.13		
	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	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	18		
	KW	1.67	1.70	1.75	1.81	1.79	1.83	1.88	1.94	1.90	1.94	2.00	2.07	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.20	2.27	2.34		
	Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7		
800	Hi Pr	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	504		
	Lo Pr	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165		
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5		
	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	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19		
700	KW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	2.32		
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6		
	Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499		
	Lo Pr	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163		
	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8		
800	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	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19		
	KW	1.62	1.65	1.70	1.75	1.73	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26		
	Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3		
	Hi Pr	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	484		
Lo Pr	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158			
IDB: Entering Indoor Dry Bulb Temperature		Shaded area reflects AHRI (TVA) Rating Conditions																								kW = Total system power	
High and low pressures are measured at the liquid and suction service valves.																										Amps = Outdoor unit amps (compressor + fan)	

EXPANDED COOLING DATA — GSZ130301A* / AR*F30301**

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	27.4	28.4	31.1	-	26.8	27.8	30.4	-	26.1	27.1	29.7	-	25.5	26.4	29.0	-	24.2	25.1	27.5	-	22.4	23.3	25.5	-
	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	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-
	ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
	kW	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.25	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.52	2.60	-	2.55	2.60	2.68	-
	Amps	7.8	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.6	9.8	10.2	-	10.2	10.5	10.8	-	10.8	11.1	11.4	-
927	Hi PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	413	445	470	-
	Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
1050	kW	1.97	2.01	2.07	-	2.12	2.16	2.22	-	2.24	2.29	2.36	-	2.35	2.40	2.48	-	2.45	2.50	2.58	-	2.53	2.59	2.67	-
	Amps	7.7	7.9	8.1	-	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.6	9.8	10.1	-	10.2	10.4	10.7	-	10.7	11.0	11.3	-
	Hi PR	227	245	258	-	255	274	290	-	290	312	330	-	330	355	375	-	372	400	422	-	411	442	467	-
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
	977	MBh	25.7	26.6	29.1	-	25.1	26.0	28.5	-	24.5	25.4	27.8	-	23.9	24.7	27.1	-	22.7	23.5	25.8	-	21.0	21.8	23.9
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		18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
kW		1.94	1.98	2.04	-	2.08	2.13	2.19	-	2.21	2.25	2.32	-	2.32	2.37	2.44	-	2.41	2.46	2.54	-	2.49	2.54	2.62	-
Amps		7.6	7.8	8.0	-	8.2	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.5	-	10.5	10.8	11.1	-
1050	Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	348	368	-	364	392	414	-	402	433	457	-
	Lo PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-

1173	MBh	27.89	28.71	31.08	33.36	27.24	28.05	30.36	32.58	26.59	27.38	29.64	31.81	25.94	26.71	28.91	31.03	24.65	25.38	27.47	29.48	22.83	23.51	25.44	27.31
	S/T	0.86	0.77	0.59	0.38	0.90	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	0.67	0.43	0.99	0.89	0.67	0.43
	ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	15	10	19	17	14	10	18	16	13	9
	kW	2.00	2.04	2.10	2.16	2.14	2.19	2.25	2.33	2.27	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.54	2.62	2.70	2.57	2.62	2.71	2.79
	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.5	10.9	11.3	10.9	11.2	11.5	11.9
1050	MBh	27.5	28.3	30.6	32.9	26.8	27.6	29.9	32.1	26.2	27.0	29.2	31.3	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
	kW	1.99	2.03	2.09	2.15	2.13	2.18	2.24	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.50	2.58	2.47	2.52	2.60	2.69	2.55	2.61	2.69	2.78
	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.1	9.1	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
927	MBh	26.1	26.9	29.1	31.2	25.5	26.3	28.4	30.5	24.9	25.6	27.7	29.8	24.3	25.0	27.1	29.0	23.1	23.8	25.7	27.6	21.4	22.0	23.8	25.6
	S/T	0.79	0.71	0.54	0.35	0.82	0.73	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	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.22	2.27	2.34	2.42	2.34	2.38	2.46	2.54	2.43	2.48	2.56	2.64	2.51	2.56	2.65	2.73
	Amps	7.6	7.8	8.1	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.4	10.1	10.3	10.6	11.0	10.6	10.9	11.2	11.6

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

Shaded area reflects ACCA (TVA) Rating Conditions

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

EXPANDED COOLING DATA — GSZ130301A* / AR*F30301** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	
80	MBh	28.38	29.00	30.99	33.13	35.36	37.64	39.96	42.32	44.71	47.13	49.58	52.06	54.56	57.09	59.65	62.23	64.83	67.45	70.09	72.75	75.43	78.13	80.85	83.58	86.32	89.07	91.83	94.60	97.38	100.17	102.97	105.78	108.59	111.41	114.24	117.07
	S/T	0.95	0.89	0.72	0.54	0.36	0.18	0.00	-0.18	-0.36	-0.54	-0.71	-0.89	-1.06	-1.23	-1.41	-1.58	-1.76	-1.93	-2.11	-2.28	-2.46	-2.63	-2.81	-2.98	-3.16	-3.33	-3.51	-3.68	-3.86	-4.03	-4.21	-4.38	-4.56	-4.73	-4.91	-5.08
	ΔT	21	20	18	14	11	8	5	2	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-39	-41	-43	-45	-47	-49	-51	-53	-55
	kW	2.01	2.05	2.12	2.18	2.25	2.32	2.40	2.47	2.54	2.62	2.69	2.77	2.84	2.92	2.99	3.07	3.14	3.22	3.29	3.37	3.44	3.52	3.59	3.67	3.74	3.82	3.89	3.97	4.04	4.12	4.19	4.27	4.34	4.42	4.49	4.57
	Amps	7.9	8.1	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.2
	Hi PR	234	251	265	277	288	298	311	321	331	339	353	363	371	379	387	395	403	411	419	427	435	443	451	459	467	475	483	491	500	508	516	524	532	540	548	556
927	Lo PR	109	116	127	135	142	149	156	163	170	177	184	191	198	205	212	219	226	233	240	247	254	261	268	275	282	289	296	303	310	317	324	331	338	345	352	359
	MBh	28.0	28.6	30.5	32.6	34.8	37.1	39.4	41.7	44.0	46.3	48.6	50.9	53.2	55.5	57.8	60.1	62.4	64.7	67.0	69.3	71.6	73.9	76.2	78.5	80.8	83.1	85.4	87.7	90.0	92.3	94.6	96.9	99.2	101.5	103.8	106.1
	S/T	0.91	0.85	0.69	0.52	0.34	0.16	-0.02	-0.20	-0.38	-0.56	-0.74	-0.92	-1.10	-1.28	-1.46	-1.64	-1.82	-2.00	-2.18	-2.36	-2.54	-2.72	-2.90	-3.08	-3.26	-3.44	-3.62	-3.80	-3.98	-4.16	-4.34	-4.52	-4.70	-4.88	-5.06	-5.24
	ΔT	22	21	19	15	11	8	5	2	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-39	-41	-43	-45	-47	-49	-51	-53	-55
	kW	2.00	2.04	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59	2.66	2.73	2.80	2.87	2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.50	3.57	3.64	3.71	3.78	3.85	3.92	3.99	4.06	4.13	4.20	4.27	4.34	4.41
	Amps	7.8	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.2
1173	Hi PR	232	250	264	275	286	296	308	318	326	334	342	350	358	366	374	382	390	398	406	414	422	430	438	446	454	462	470	478	486	494	502	510	518	526	534	542
	Lo PR	108	115	126	134	141	148	155	162	169	176	183	190	197	204	211	218	225	232	239	246	253	260	267	274	281	288	295	302	309	316	323	330	337	344	351	358
	MBh	26.6	27.1	29.0	31.0	33.1	35.2	37.3	39.4	41.5	43.6	45.7	47.8	49.9	52.0	54.1	56.2	58.3	60.4	62.5	64.6	66.7	68.8	70.9	73.0	75.1	77.2	79.3	81.4	83.5	85.6	87.7	89.8	91.9	94.0	96.1	98.2
	S/T	0.87	0.82	0.66	0.50	0.32	0.14	-0.04	-0.22	-0.40	-0.58	-0.76	-0.94	-1.12	-1.30	-1.48	-1.66	-1.84	-2.02	-2.20	-2.38	-2.56	-2.74	-2.92	-3.10	-3.28	-3.46	-3.64	-3.82	-4.00	-4.18	-4.36	-4.54	-4.72	-4.90	-5.08	-5.26
	ΔT	23	22	19	15	11	8	5	2	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-39	-41	-43	-45	-47	-49	-51	-53	-55
	kW	1.97	2.01	2.07	2.13	2.20	2.27	2.34	2.41	2.48	2.55	2.62	2.69	2.76	2.83	2.90	2.97	3.04	3.11	3.18	3.25	3.32	3.39	3.46	3.53	3.60	3.67	3.74	3.81	3.88	3.95	4.02	4.09	4.16	4.23	4.30	4.37
85	Amps	7.7	7.9	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0
	Hi PR	227	245	258	269	279	288	297	306	315	323	331	339	347	355	363	371	379	387	395	403	411	419	427	435	443	451	459	467	475	483	491	499	507	515	523	531
	Lo PR	106	113	123	131	139	147	155	163	171	179	187	195	203	211	219	227	235	243	251	259	267	275	283	291	299	307	315	323	331	339	347	355	363	371	379	387
	MBh	28.88	29.44	30.83	32.89	35.00	37.16	39.37	41.62	43.91	46.24	48.61	51.01	53.44	55.90	58.39	60.91	63.46	66.03	68.63	71.26	73.92	76.61	79.33	82.08	84.85	87.64	90.45	93.28	96.13	99.00	101.89	104.80	107.73	110.68	113.65	
	S/T	0.99	0.96	0.87	0.70	0.52	0.34	0.16	-0.02	-0.20	-0.38	-0.56	-0.74	-0.92	-1.10	-1.28	-1.46	-1.64	-1.82	-2.00	-2.18	-2.36	-2.54	-2.72	-2.90	-3.08	-3.26	-3.44	-3.62	-3.80	-3.98	-4.16	-4.34	-4.52	-4.70	-4.88	-5.06
	ΔT	22	22	21	18	14	11	8	5	2	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-39	-41	-43	-45	-47	-49	-51	-53
927	kW	2.03	2.07	2.13	2.20	2.27	2.34	2.41	2.48	2.55	2.62	2.69	2.76	2.83	2.90	2.97	3.04	3.11	3.18	3.25	3.32	3.39	3.46	3.53	3.60	3.67	3.74	3.81	3.88	3.95	4.02	4.09	4.16	4.23	4.30	4.37	4.44
	Amps	8.0	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0	18.3
	Hi PR	236	254	268	280	291	301	310	319	328	337	346	355	364	373	382	391	400	409	418	427	436	445	454	463	472	481	490	499	508	517	526	535	544	553	562	571
	Lo PR	110	117	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	248	256	264	272	280	288	296	304	312	320	328	336	344	352	360	368	376	384	392
	MBh	28.5	29.0	30.4	32.4	34.6	36.9	39.3	41.7	44.1	46.5	48.9	51.3	53.7	56.1	58.5	60.9	63.3	65.7	68.1	70.5	72.9	75.3	77.7	80.1	82.5	84.9	87.3	89.7	92.1	94.5	96.9	99.3	101.7	104.1	106.5	108.9
	S/T	0.95	0.92	0.83	0.67	0.50	0.32	0.14	-0.04	-0.22	-0.40	-0.58	-0.76	-0.94	-1.12	-1.30	-1.48	-1.66	-1.84	-2.02	-2.20	-2.38	-2.56	-2.74	-2.92	-3.10	-3.28	-3.46	-3.64	-3.82	-4.00	-4.18	-4.36	-4.54	-4.72	-4.90	-5.08
1173	ΔT	24	23	22	19	14	11	8	5	2	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-39	-41	-43	-45	-47	-49	-51	-53
	kW	2.02	2.06	2.12	2.19	2.26	2.33	2.40	2.47	2.54	2.61	2.68	2.75	2.82	2.89	2.96	3.03	3.10	3.17	3.24	3.31	3.38	3.45	3.52	3.59	3.66	3.73	3.80	3.87	3.94	4.01	4.08	4.15	4.22	4.29	4.36	4.43
	Amps	7.9	8.1	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.2
	Hi PR	234	2525																																		

EXPANDED COOLING DATA — GSZ130361B* / AR*F364216**

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F			75°F			85°F			95°F			105°F			115°F								
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
	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	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	KW	2.49	2.54	2.62	-	2.68	2.74	2.82	-	2.84	2.91	3.00	-	2.99	3.06	3.16	-	3.12	3.18	3.29	-	3.22	3.30	3.40	-
	Amps	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.1	10.3	10.7	-	10.8	11.0	11.4	-	11.5	11.7	12.1	-	12.1	12.4	12.8	-
	Hi Pr	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	463	488	-
	Lo Pr	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
1200	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	-
	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	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	KW	2.47	2.52	2.60	-	2.66	2.71	2.80	-	2.82	2.88	2.97	-	2.97	3.03	3.13	-	3.09	3.16	3.26	-	3.20	3.27	3.38	-
	Amps	8.5	8.7	9.0	-	9.2	9.4	9.7	-	10.0	10.2	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-	12.0	12.3	12.7	-
	Hi Pr	236	253	268	-	264	284	300	-	301	323	342	-	342	368	389	-	385	414	438	-	426	458	484	-
	Lo Pr	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
1050	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-
	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	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
	KW	2.41	2.46	2.54	-	2.59	2.65	2.73	-	2.75	2.81	2.90	-	2.89	2.96	3.05	-	3.01	3.08	3.18	-	3.12	3.19	3.29	-
	Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	11.0	11.3	11.7	-	11.7	12.0	12.4	-
	Hi Pr	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	425	-	413	444	469	-
	Lo Pr	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-

75	MBh	34.88	35.91	38.87	41.72	34.07	35.08	37.97	40.75	33.26	34.24	37.06	39.78	32.45	33.41	36.16	38.81	30.82	31.74	34.35	36.87	28.55	29.40	31.82	34.15
	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	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
	KW	2.51	2.56	2.64	2.73	2.70	2.76	2.84	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55
	Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	13.0	13.4
1200	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
	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	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	KW	2.49	2.54	2.62	2.70	2.68	2.74	2.82	2.91	2.85	2.91	3.00	3.10	2.99	3.06	3.16	3.26	3.12	3.19	3.29	3.40	3.22	3.30	3.40	3.52
	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	11.0	11.4	11.8	11.5	11.7	12.1	12.6	12.1	12.4	12.8	13.3
1050	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
	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	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	2.43	2.48	2.56	2.64	2.61	2.67	2.75	2.84	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.31	3.14	3.21	3.32	3.43
	Amps	8.4	8.6	8.9	9.2	9.0	9.3	9.6	9.9	9.8	10.0	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0

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.

EXPANDED COOLING DATA — GSZ130361B* / AR*F364216** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	MBh	35.50	36.27	38.75	41.43	34.67	35.43	37.85	40.46	33.85	34.59	36.95	39.50	33.02	33.74	36.05	38.54	31.37	32.06	34.25	36.61	29.06	29.69	31.72	33.91	
	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	0.62	
	ΔT	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14	
	1350	KW	2.53	2.58	2.66	2.75	2.72	2.78	2.87	2.96	2.89	2.95	3.05	3.15	3.04	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58
	Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	11.2	11.6	12.0	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	
	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	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	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	
	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	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	19	15	
1050	KW	2.51	2.56	2.64	2.73	2.70	2.76	2.85	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55	
	Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	13.0	13.4	
	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	
	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	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4	
	S/T	0.86	0.81	0.66	0.49	0.89	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	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15	
	KW	2.45	2.50	2.58	2.66	2.64	2.69	2.78	2.87	2.80	2.86	2.95	3.05	2.94	3.01	3.10	3.21	3.06	3.13	3.23	3.34	3.17	3.24	3.35	3.46	
	Amps	8.5	8.7	8.9	9.3	9.1	9.3	9.6	10.0	9.9	10.1	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1	
	Hi Pr	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	
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	MBh	36.12	36.82	38.56	41.14	35.28	35.96	37.66	40.18	34.44	35.11	36.77	39.22	33.60	34.25	35.87	38.27	31.92	32.54	34.08	36.35	29.57	30.14	31.57	33.68	
	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	24	24	23	19	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	21	21	18	
	1350	KW	2.55	2.60	2.68	2.77	2.74	2.80	2.89	2.99	2.91	2.98	3.07	3.18	3.07	3.13	3.24	3.34	3.20	3.27	3.37	3.49	3.31	3.38	3.49	3.61
	Amps	8.8	9.1	9.3	9.7	9.5	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.3	11.7	12.2	11.8	12.1	12.5	12.9	12.5	12.8	13.2	13.7	
	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	
	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	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	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	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	25	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	24	24	24	20	22	22	22	19	
1050	KW	2.53	2.58	2.66	2.75	2.72	2.78	2.87	2.96	2.89	2.95	3.05	3.15	3.04	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58	
	Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	11.2	11.6	12.0	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	
	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	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	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2	
	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	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	22	19	
	KW	2.47	2.52	2.60	2.68	2.66	2.71	2.80	2.89	2.82	2.88	2.97	3.07	2.97	3.03	3.13	3.23	3.09	3.16	3.26	3.37	3.20	3.27	3.38	3.49	
	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	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2	
	Hi Pr	235	253	268	279	264	284	300	313	301	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504	
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		

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.

EXPANDED COOLING DATA — GSZ130421A* / AR*F364216**

		OUTDOOR AMBIENT TEMPERATURE																																				
		65°F						75°F						85°F						95°F						105°F						115°F						
		IDB		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
ENTERING INDOOR WET BULB TEMPERATURE																																						
70	1519	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-				
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-				
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-				
		kW	2.89	2.95	3.04	-	3.10	3.17	3.27	-	3.29	3.36	3.47	-	3.46	3.54	3.65	-	3.60	3.68	3.80	-	3.73	3.81	3.93	-	3.60	3.68	3.80	-	3.73	3.81	3.93	-				
		Amps	10.3	10.5	10.9	-	11.1	11.4	11.8	-	12.1	12.4	12.8	-	13.0	13.3	13.8	-	13.8	14.2	14.7	-	14.7	15.1	15.6	-	13.8	14.2	14.7	-	14.7	15.1	15.6	-				
	1350	Hi PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-	356	383	404	-	393	423	447	-				
		Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	130	138	150	-	134	143	156	-				
		MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-				
		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	-	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	-	17	15	11	-	19	16	12	-	17	15	11	-				
1181	kW	2.87	2.93	3.02	-	3.08	3.14	3.24	-	3.27	3.34	3.44	-	3.43	3.51	3.62	-	3.57	3.65	3.77	-	3.70	3.78	3.90	-	3.57	3.65	3.77	-	3.70	3.78	3.90	-					
	Amps	10.2	10.4	10.8	-	11.0	11.3	11.7	-	12.0	12.3	12.7	-	12.9	13.2	13.6	-	13.7	14.1	14.5	-	14.6	14.9	15.4	-	13.7	14.1	14.5	-	14.6	14.9	15.4	-					
	Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	352	379	400	-	389	419	442	-					
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	128	136	149	-	133	141	154	-					
	MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-					
75	1519	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	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-				
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-	19	16	13	-	18	15	12	-				
		kW	2.80	2.86	2.94	-	3.01	3.07	3.17	-	3.19	3.26	3.36	-	3.35	3.42	3.53	-	3.49	3.56	3.68	-	3.61	3.68	3.80	-	3.49	3.56	3.68	-	3.61	3.68	3.80	-				
		Amps	9.9	10.1	10.5	-	10.7	11.0	11.3	-	11.7	12.0	12.4	-	12.5	12.8	13.2	-	13.3	13.7	14.1	-	14.1	14.5	15.0	-	13.3	13.7	14.1	-	14.1	14.5	15.0	-				
		Hi PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-	342	368	388	-	377	406	429	-				
	1350	Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	124	132	144	-	129	137	149	-				
		MBh	40.36	41.55	44.98	48.27	39.42	40.59	43.93	47.15	38.48	39.62	42.89	46.03	37.54	38.65	41.84	44.91	35.67	36.72	39.75	42.66	33.04	34.02	36.82	39.52	35.67	36.72	39.75	42.66	33.04	34.02	36.82	39.52				
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.96	0.86	0.65	0.42	0.97	0.87	0.66	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	21	19	16	11	19	18	15	10				
		kW	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39	3.50	3.61	3.49	3.57	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10				
1181	Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.9	12.4	12.2	12.5	13.0	13.5	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.4					
	Hi PR	220	236	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	359	387	408	426	397	427	451	471					
	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	131	139	152	162	135	144	157	167					
	MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4					
	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	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40					
75	1519	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	22	20	16	11	20	19	15	11				
		kW	2.89	2.95	3.04	3.13	3.10	3.17	3.27	3.37	3.29	3.36	3.47	3.58	3.46	3.54	3.65	3.77	3.60	3.68	3.80	3.93	3.73	3.81	3.93	4.06	3.60	3.68	3.80	3.93	3.73	3.81	3.93	4.06				
		Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2				
		Hi PR	218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	356	383	404	422	393	423	447	466				
		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	130	138	150	160	134	143	156	166				
	1350	MBh	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.64	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4	33.6	34.64	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4
		S/T	0.78	0.69	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	0.89	0.80	0.60	0.39	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39				
		ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	22	20	17	11	21	19	16	11				
		kW	2.82	2.88	2.97	3.06	3.03	3.09	3.19	3.29	3.22	3.28	3.39	3.50	3.38	3.45	3.56	3.68	3.52	3.59																		

EXPANDED COOLING DATA — GSZ130421A* / AR*F364216** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	
80	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	23	22	19	15	23	22	19	16	24	22	19	16	23	21	18	15	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14	20	21	18	14
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5
85	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	23	22	19	15	23	22	19	16	24	22	19	16	23	21	18	15	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14	20	21	18	14
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5
1181	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	23	22	19	15	23	22	19	16	24	22	19	16	23	21	18	15	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14	20	21	18	14
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5
1519	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24	33.63	34.36	36.71	39.24
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	23	22	19	15	23	22	19	16	24	22	19	16	23	21	18	15	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14	20	21	18	14
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5	15.0	15.4	15.9	16.5

EXPANDED COOLING DATA — GSZ130481A* /AR*F48601**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		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						
IDB	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	-	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	-	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	-	16	14	11	-			
		kW	3.33	3.39	3.48	-	3.55	3.62	3.72	-	3.75	3.82	3.93	-	3.92	4.00	4.12	-	4.07	4.15	4.28	-	4.20	4.28	4.41	-	4.20	4.28	4.41	-	4.20	4.28	4.41	-			
		Amps	11.8	12.1	12.5	-	12.7	13.0	13.5	-	13.8	14.2	14.6	-	14.8	15.2	15.7	-	15.7	16.1	16.7	-	16.7	17.1	17.7	-	16.7	17.1	17.7	-	16.7	17.1	17.7	-			
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-	422	454	480	-	422	454	480	-			
70	1600	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	139	147	161	-	139	147	161	-			
		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	-	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	-	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	-	17	15	11	-			
		kW	3.31	3.37	3.46	-	3.53	3.59	3.70	-	3.72	3.79	3.90	-	3.89	3.97	4.09	-	4.04	4.12	4.24	-	4.17	4.25	4.38	-	4.17	4.25	4.38	-	4.17	4.25	4.38	-			
		Amps	11.7	12.0	12.3	-	12.6	12.9	13.4	-	13.7	14.0	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.5	-	16.5	16.9	17.5	-	16.5	16.9	17.5	-			
1400	Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-	418	450	475	-				
	Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-	137	146	159	-	137	146	159	-				
	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	-	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	-	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	-	17	15	11	-				
	kW	3.24	3.30	3.39	-	3.45	3.52	3.62	-	3.64	3.71	3.82	-	3.81	3.88	4.00	-	3.95	4.03	4.15	-	4.07	4.15	4.28	-	4.07	4.15	4.28	-	4.07	4.15	4.28	-				
75	1800	Amps	11.4	11.6	12.0	-	12.3	12.6	13.0	-	13.3	13.7	14.1	-	14.3	14.6	15.1	-	15.2	15.5	16.1	-	16.1	16.5	17.0	-	16.1	16.5	17.0	-	16.1	16.5	17.0	-			
		Hi PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-	406	436	461	-	406	436	461	-			
		Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	133	142	155	-	133	142	155	-			
		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	21	19	16	11	20	19	15	10	20	19	15	10	20	19	15	10			
75	1600	kW	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.27	4.10	4.18	4.31	4.44	4.23	4.32	4.45	4.58	4.23	4.32	4.45	4.58	4.23	4.32	4.45	4.58			
		Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5	16.8	17.3	17.8	18.5	16.8	17.3	17.8	18.5			
		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	427	459	485	506	427	459	485	506			
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	140	149	163	173	140	149	163	173			
		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			
		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			
1400	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	3.33	3.39	3.48	3.58	3.55	3.62	3.72	3.83	3.75	3.82	3.93	4.05	3.92	4.00	4.12	4.24	4.07	4.15	4.28	4.41	4.20	4.28	4.41	4.55	4.20	4.28	4.41	4.55	4.20	4.28	4.41	4.55				
	Amps	11.8	12.1	12.5	12.9	12.7	13.0	13.5	14.0	13.8	14.2	14.6	15.2	14.8	15.2	15.7	16.3	15.7	16.1	16.7	17.3	16.7	17.1	17.7	18.4	16.7	17.1	17.7	18.4	16.7	17.1	17.7	18.4				
	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	422	454	480	501	422	454	480	501				
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171	139	147	161	171	139	147	161	171				
	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				
1400	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				
	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	3.26	3.32	3.41	3.51	3.48	3.54	3.64	3.75	3.67	3.74	3.85	3.96	3.84	3.91	4.03	4.15	3.98	4.06	4.18	4.31	4.10	4.19	4.31	4.44	4.10	4.19	4.31	4.44	4.10	4.19	4.31	4.44				
	Amps	11.5	11.7	12.1	12.6	12.4</																															

EXPANDED COOLING DATA — GSZ130481A* /AR*F48601** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		AIRFLOW		59		63		67		71		59		63		67		71		59		63		67		71		59		63		67		71			
ENTERING INDOOR WET BULB TEMPERATURE																																					
80	IDB	1800	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											
		kW	3.38	3.44	3.53	3.63	3.60	3.67	3.78	3.89	3.80	3.88	3.99	4.11	3.98	4.06	4.18	4.31	4.13	4.22	4.34	4.48	4.26	4.35	4.48	4.62											
		Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7											
		Hi PR	238	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	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175											
		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											
	kW	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.28	4.10	4.18	4.31	4.44	4.23	4.32	4.45	4.58												
	Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5												
	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	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173												
1400	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												
	kW	3.28	3.34	3.43	3.53	3.50	3.57	3.67	3.77	3.69	3.77	3.87	3.99	3.87	3.94	4.06	4.18	4.01	4.09	4.21	4.34	4.14	4.22	4.34	4.48												
	Amps	11.6	11.8	12.2	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	15.4	16.0	15.5	15.8	16.4	17.0	16.4	16.8	17.3	18.0												
	Hi PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490												
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168												
	85	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	0.90	0.73	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		3.40	3.46	3.56	3.66	3.63	3.70	3.80	3.92	3.83	3.91	4.02	4.14	4.01	4.09	4.21	4.34	4.16	4.25	4.38	4.51	4.30	4.38	4.52	4.66												
Amps		12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9												
Hi PR		241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516												
Lo PR		114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177												
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												
kW	3.38	3.44	3.53	3.63	3.60	3.67	3.78	3.89	3.80	3.88	3.99	4.11	3.98	4.06	4.18	4.31	4.13	4.22	4.34	4.48	4.26	4.35	4.48	4.62													
Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7													
Hi PR	238	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	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175													
1600	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	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19												
	kW	3.31	3.37	3.46	3.56	3.53	3.59	3.69	3.80	3.72	3.79	3.90	4.02	3.89	3.97	4.09	4.21	4.04	4.12	4.24	4.37	4.17	4.25	4.38	4.51												
	Amps	11.7	12.0	12.3	12.8	12.6	12.9	13.3	13.8	13.7	14.0	14.5	15.1	14.7	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.2												
	Hi PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495												
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	15																	

EXPANDED COOLING DATA — GSZ130601A* / AR*F48601**

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	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	-	44.4	46.0	50.4	-							
		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	-	0.82	0.68	0.47	-							
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	19	16	12	-							
		kW	4.11	4.19	4.31	-	4.40	4.49	4.62	-	4.66	4.75	4.90	-	4.88	4.99	5.14	-	5.08	5.18	5.34	-	5.24	5.35	5.52	-	5.20	5.31	5.48	-							
		Amps	14.5	14.8	15.3	-	15.7	16.1	16.6	-	17.1	17.5	18.1	-	18.3	18.7	19.3	-	19.4	19.9	20.6	-	20.6	21.1	21.9	-	20.6	21.1	21.7	-							
	1800	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	0.68	0.47	-	0.82	0.68	0.47	-							
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-							
1575	kW	4.08	4.16	4.28	-	4.37	4.46	4.59	-	4.62	4.72	4.86	-	4.85	4.95	5.10	-	5.04	5.14	5.30	-	5.20	5.31	5.48	-	5.20	5.31	5.48	-								
	Amps	14.4	14.7	15.2	-	15.5	15.9	16.5	-	16.9	17.3	17.9	-	18.1	18.5	19.2	-	19.3	19.7	20.4	-	20.4	20.9	21.7	-	20.4	20.9	21.7	-								
	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	-								
	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	-							
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		3.99	4.07	4.18	-	4.27	4.35	4.48	-	4.52	4.61	4.75	-	4.73	4.83	4.98	-	4.92	5.02	5.18	-	5.08	5.19	5.35	-	5.08	5.19	5.35	-								
Amps		14.0	14.3	14.8	-	15.1	15.5	16.0	-	16.4	16.8	17.4	-	17.6	18.0	18.6	-	18.7	19.2	19.8	-	19.9	20.4	21.0	-	19.9	20.4	21.0	-								
75	2025	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	-							
		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							
		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							
		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	22	20	17	12							
	1800	kW	4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.02	5.18	5.34	5.12	5.22	5.39	5.56	5.29	5.40	5.57	5.75	5.29	5.40	5.57	5.75							
		Amps	14.6	15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6	20.8	21.3	22.1	22.9	20.8	21.3	22.1	22.9							
		Hi PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	393	371	399	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	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						
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								
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								
kW	4.11		4.19	4.31	4.44	4.40	4.49	4.62	4.76	4.66	4.75	4.90	5.05	4.89	4.99	5.14	5.30	5.08	5.18	5.34	5.51	5.24	5.35	5.52	5.70	5.24	5.35	5.52	5.70								
Amps	14.5		14.8	15.3	15.9	15.7	16.1	16.6	17.2	17.1	17.5	18.1	18.8	18.3	18.7	19.3	20.1	19.5	19.9	20.6	21.4	20.6	21.1	21.9	22.7	20.6	21.1	21.9	22.7								
1575	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								
	Lo PR	102	108	118	126	108	115	125	133	112	119	130	139	111	125	137	146	123	131	143	152	128	136	148	158	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	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								
	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								
1575	kW	4.02	4.10	4.22	4.34	4.30	4.39	4.52	4.65	4.55	4.64	4.78	4.93	4.77	4.87	5.02	5.17	4.96	5.06	5.22	5.38	5.12	5.23	5.39	5.56	5.12	5.23	5.39	5.56								
	Amps	14.1	14.4	14.9	15.5	15.3	15.6	16.1	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.4	20.0	20.8	20.0	20.5	21.2	22.1	20.0	20.5	21.2	22.1								
	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								
	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								
	Shaded area reflects ACCA (TVA) 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.																																			

EXPANDED COOLING DATA — GSZ130601A* / AR*F48601** (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	2025	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											
		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	0.62											
		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											
		kW	4.17	4.25	4.38	4.51	4.47	4.56	4.69	4.84	4.73	4.83	4.97	5.13	4.96	5.06	5.22	5.39	5.16	5.27	5.43	5.60	5.33	5.44	5.61	5.79											
	Amps	14.8	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.5	22.3	23.1												
	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												
	1800	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											
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												
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												
kW		4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.03	5.18	5.34	5.12	5.23	5.39	5.56	5.29	5.40	5.57	5.75												
1575	Amps	14.6	15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6	20.8	21.3	22.1	22.9												
	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												
	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	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												
85	2025	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											
		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											
		kW	4.05	4.13	4.25	4.37	4.33	4.42	4.55	4.69	4.59	4.68	4.82	4.97	4.81	4.91	5.06	5.22	5.00	5.10	5.26	5.43	5.16	5.27	5.43	5.61											
		Amps	14.2	14.6	15.1	15.6	15.4	15.8	16.3	16.9	16.7	17.2	17.7	18.4	17.9	18.4	19.0	19.7	19.1	19.6	20.2	21.0	20.2	20.7	21.4	22.3											
1800	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												
	Lo PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	141	150	127	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												
85	2025	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	22	24	24	24	21												
		kW	4.17	4.25	4.38	4.51	4.47	4.56	4.69	4.84	4.73	4.83	4.97	5.13	4.96	5.06	5.22	5.39	5.16	5.27	5.43	5.60	5.33	5.44	5.61	5.79											
		Amps	14.8	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.5	22.3	23.1											
		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											
1800	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												
1575	kW	4.08	4.16	4.28	4.41	4.37	4.45	4.59	4.73	4.62	4.72	4.86	5.01	4.85	4.95	5.10	5.26	5.04	5.14	5.30	5.47	5.20	5.31	5.48	5.65												
	Amps	14.4	14.7	15.2	15.8	15.5	15.9	16.5	17.1	16.9	17.3	17.9	18.6	18.1	18.5	19.2	19.9	19.3	19.7	20.4	21.2	20.4	20.9	21.7	22.5												
	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												

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

EXPANDED HEATING DATA

GSZ130181A* / AR*F182416**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.4	20.2	19.0	17.8	17.0	16.5	15.3	14.1	13.3	12.3	11.3	10.7	10.3	9.2	8.2	7.2	6.1	5.0
ΔT	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	20.6	19.0	17.5	16.5	15.9	14.3	12.7	11.0	9.4	7.7
kW	1.68	1.64	1.61	1.58	1.6	1.54	1.51	1.48	1.46	1.42	1.39	1.37	1.36	1.32	1.29	1.26	1.23	1.19
Amps	7.3	6.7	6.3	5.9	5.7	5.6	5.3	5.0	4.8	4.6	4.3	4.2	4.2	4.0	3.7	3.5	3.2	2.9
COP	3.73	3.60	3.46	3.30	3.19	3.12	2.96	2.79	2.68	2.53	2.39	2.29	2.22	2.04	1.86	1.66	1.46	1.22
EER	12.8	12.3	11.8	11.3	10.9	10.7	10.1	9.5	9.2	8.7	8.2	7.8	7.6	7.0	6.3	5.7	5.0	4.2
Hi PR	392	375	361	345	337	331	318	305	292	279	268	262	257	247	238	228	220	212
Lo PR	145	134	126	115	109	105	96	86	77	69	61	57	55	46	40	34	29	23

GSZ130241C* / AR*F182416**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.9	27.4	25.8	24.1	23.0	22.3	20.7	19.1	16.9	15.6	14.3	13.6	13.0	11.7	10.4	9.1	7.7	6.3
ΔT	33.5	31.7	29.8	27.9	26.6	25.8	24.0	22.1	19.5	18.0	16.6	15.7	15.1	13.6	12.0	10.5	8.9	7.3
kW	2.17	2.12	2.08	2.04	2.0	2.00	1.96	1.91	1.80	1.76	1.72	1.70	1.68	1.64	1.60	1.57	1.52	1.49
Amps	10.1	9.3	8.7	8.2	7.9	7.7	7.3	6.9	6.6	6.3	6.0	5.9	5.8	5.5	5.2	4.9	4.5	4.0
COP	3.91	3.77	3.62	3.46	3.34	3.27	3.10	2.92	2.74	2.59	2.44	2.33	2.27	2.08	1.89	1.69	1.48	1.25
EER	13.3	12.9	12.4	11.8	11.4	11.2	10.6	10.0	9.4	8.8	8.3	8.0	7.7	7.1	6.5	5.8	5.1	4.3
Hi PR	413	395	380	364	355	348	335	321	308	294	282	275	271	260	250	240	231	223
Lo PR	131	122	114	105	99	95	88	78	70	63	55	51	50	42	36	30	27	21

GSZ130301A* / AR*F30301**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	33.2	31.4	29.6	27.6	26.4	25.6	23.8	21.9	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	29.3	27.7	26.1	24.4	23.3	22.6	21.0	19.3	17.6	16.2	14.9	14.1	13.6	12.2	10.8	9.4	8.0	6.6
kW	2.52	2.47	2.42	2.37	2.3	2.32	2.28	2.23	2.37	2.32	2.26	2.23	2.21	2.16	2.11	2.05	2.00	1.95
Amps	9.7	9.0	8.5	8.0	7.7	7.6	7.2	6.9	6.6	6.3	6.0	5.9	5.8	5.6	5.2	5.0	4.6	4.2
COP	3.86	3.72	3.57	3.41	3.29	3.22	3.05	2.88	2.46	2.32	2.19	2.10	2.04	1.88	1.70	1.52	1.34	1.12
EER	13.2	12.7	12.2	11.6	11.3	11.0	10.4	9.8	8.4	7.9	7.5	7.2	7.0	6.4	5.8	5.2	4.6	3.8
Hi PR	366	351	337	323	315	309	297	285	273	261	250	244	240	231	222	213	205	198
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

GSZ130361B* / AR*F364216**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.0	39.7	37.4	35.0	33.4	32.4	30.1	27.7	24.8	22.9	21.1	19.9	19.2	17.2	15.3	13.3	11.4	9.3
ΔT	38.4	36.4	34.2	32.0	30.6	29.6	27.5	25.4	22.7	21.0	19.3	18.2	17.6	15.8	14.0	12.2	10.4	8.5
kW	2.72	2.68	2.63	2.58	2.55	2.53	2.48	2.43	2.31	2.26	2.21	2.19	2.17	2.12	2.08	2.03	1.98	1.94
Amps	14.7	13.7	12.8	12.1	11.7	11.5	10.8	10.3	9.9	9.5	9.0	8.8	8.7	8.3	7.8	7.3	6.8	6.2
COP	4.01	3.86	3.69	3.51	3.38	3.30	3.12	2.93	2.75	2.58	2.42	2.31	2.24	2.05	1.85	1.64	1.43	1.20
EER	13.64	13.12	12.55	11.93	11.51	11.23	10.60	9.95	9.34	8.78	8.23	7.85	7.62	6.97	6.29	5.59	4.87	4.07
Hi PR	413	396	381	364	355	349	335	322	308	294	283	276	271	261	251	240	232	224
Lo PR	135	125	118	108	102	98	90	80	72	65	57	53	51	43	37	31	27	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

EXPANDED HEATING DATA (CONT.)

GSZ130421A* / AR*F36421**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.3	47.6	44.8	41.9	40.0	38.8	36.0	33.2	29.9	27.6	25.4	24.0	23.1	20.7	18.4	16.0	13.7	11.2
ΔT	34.5	32.6	30.7	28.7	27.4	26.6	24.7	22.8	20.5	18.9	17.4	16.5	15.9	14.2	12.6	11.0	9.4	7.7
kW	3.60	3.53	3.46	3.39	3.4	3.32	3.25	3.18	3.24	3.16	3.09	3.05	3.02	2.95	2.88	2.80	2.73	2.66
Amps	16.9	15.6	14.5	13.6	13.1	12.9	12.1	11.5	10.9	10.4	9.9	9.7	9.5	9.0	8.4	7.9	7.2	6.4
COP	4.09	3.95	3.79	3.62	3.49	3.42	3.24	3.05	2.70	2.55	2.40	2.30	2.24	2.06	1.87	1.67	1.47	1.23
EER	14.0	13.5	12.9	12.4	11.9	11.7	11.1	10.4	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2
Hi PR	368	353	340	325	317	311	299	287	275	262	252	246	242	232	223	214	207	199
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

GSZ130481A* / AR*F48601**

	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	3.93	3.87	3.80	3.73	3.7	3.66	3.59	3.52	3.37	3.30	3.23	3.19	3.17	3.10	3.04	2.97	2.90	2.84
Amps	18.2	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.4	10.9	10.6	10.5	9.9	9.3	8.7	8.1	7.3
COP	4.11	3.96	3.80	3.62	3.49	3.41	3.23	3.03	2.93	2.76	2.59	2.47	2.40	2.20	1.99	1.78	1.55	1.30
EER	14.1	13.5	13.0	12.4	11.9	11.7	11.0	10.4	10.0	9.4	8.8	8.5	8.2	7.5	6.8	6.1	5.3	4.4
Hi PR	380	364	350	335	327	321	308	296	284	271	260	254	249	240	231	221	213	206
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

GSZ130601A* / AR*F48601**

	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	4.92	4.9	4.82	4.72	4.63	4.66	4.56	4.46	4.40	4.36	4.26	4.16	4.06	3.96	3.86
Amps	24.0	22.2	20.7	19.5	18.8	18.4	17.3	16.4	15.7	15.0	14.2	13.9	13.7	13.0	12.1	11.3	10.5	9.4
COP	4.10	3.95	3.79	3.62	3.49	3.41	3.23	3.05	2.82	2.66	2.50	2.40	2.33	2.14	1.94	1.73	1.52	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	6.6	5.9	5.2	4.4
Hi PR	416	399	383	367	358	351	338	324	310	296	285	278	273	262	252	242	233	225
Lo PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

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

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi	HSPF ⁴	LOW		
GSZ13 0181A*	ACNF24XX16D*		17,400	12,400	13.0	10.9	15,700	12,400	17,000	7.7	10,000	600	4689700
	ARPT18B14A*		17,400	12,400	13.0	11.0	15,900	12,600	17,200	7.7	10,000	570	5429722
	ARPT24B14A*		17,400	12,400	13.0	11.0	15,900	12,600	17,200	7.7	10,000	570	5429724
	ARUF18B14A*		17,400	12,400	13.0	11.0	15,900	12,600	17,200	7.7	10,500	600	5358269
	ARUF18B14A*+TXV		17,400	12,400	13.0	11.0	15,900	12,600	17,200	7.7	10,400	600	5439788
	ARUF24B14B*		18,000	12,900	13.0	11.0	15,700	12,400	17,000	7.7	10,000	600	5583622
	ARUF24B14B*+TXV		17,400	12,400	13.0	11.0	15,900	12,600	17,200	7.7	10,400	600	5583623
	ASPF183016E*		17,800	12,700	14.0	11.3	15,700	12,400	17,000	8.0	10,000	600	4248585
	ASPT24B14A*		17,800	12,700	14.0	12.0	14,100	11,100	15,200	7.7	9,200	605	5722645
	ASUF29B14A*		17,800	12,700	13.5	11.5	14,100	11,100	15,200	7.7	8,800	605	5722646
	ASUF29B14A*+TXV		17,800	12,700	14.0	12.0	14,100	11,100	15,200	7.7	8,800	605	5722647
	AVPTC183014A*		17,800	12,700	14.0	11.3	15,700	12,400	17,000	8.0	10,000	600	4431290
	AWUF18XX16B*		17,400	12,400	13.0	11.0	15,700	12,400	17,000	7.7	10,000	650	3570288
	AWUF24XX16B*		17,400	12,400	13.0	11.0	15,700	12,400	17,000	8.0	10,000	600	3620216
	AWUF31XX16A*		17,400	12,400	14.0	11.3	16,200	12,800	17,500	8.2	10,000	600	3629336
	CA*F1824*6D*	G*E80603B*B*	17,400	12,400	14.0	11.3	15,700	12,400	17,000	8.0	10,000	650	5038609
	CA*F1824*6D*	G*VC950453BxB*	17,400	12,400	13.5	11.3	15,700	12,400	17,000	8.0	10,000	600	5937432
	CA*F1824*6D*	G*VC950704CXB*	17,400	12,400	13.5	11.0	15,700	12,400	17,000	8.0	10,000	600	5937433
	CA*F1824*6D*	G*VM960603BxB*	17,400	12,400	13.5	11.3	15,700	12,400	17,000	8.0	10,000	600	5937434
	CA*F1824*6D*+EEP		17,400	12,400	13.0	11.5	15,700	12,400	17,000	7.8	10,000	600	4150306
	CA*F1824*6D*+MBVC1200**~1A*		17,400	12,400	14.0	11.3	15,700	12,400	17,000	8.0	10,000	600	4150307
GSZ13 0241B*	CAPT3131*4A*+EEP		17,400	12,400	13.0	11.0	15,400	12,200	16,600	7.7	10,200	650	5611351
	CAPT3131*4A*+MBVC1200**~1A*		17,400	12,400	14.0	11.5	14,800	11,700	16,000	7.7	9,700	600	5611338
	CHPF1824A6C*+EEP		17,400	12,400	13.0	11.5	15,700	12,400	17,000	7.8	10,000	600	3300295
	CHPF2430B6C*	G*E80603B*B*	17,400	12,400	14.0	11.3	15,700	12,400	17,000	8.0	10,000	650	5038610
	CHPF2430B6C*	G*VC950453BxB*	17,400	12,400	13.5	11.3	15,700	12,400	17,000	8.0	10,000	600	5937435
	CHPF2430B6C*	G*VM960603BxB*	17,400	12,400	13.5	11.3	15,700	12,400	17,000	8.0	10,000	600	5937436
	CHPF2430B6C*+MBVC1200**~1A*		17,800	12,700	14.0	11.3	15,700	12,400	17,000	8.0	10,000	600	3610001
	CSCF1824N6D*	G*VC950453BxB*	17,400	12,400	13.5	11.3	15,700	12,400	17,000	8.0	10,000	650	5937437
	CSCF1824N6D*+EEP		17,400	12,400	13.0	11.0	15,700	12,400	17,000	7.8	10,000	600	4767595
	ACNF24XX16D*		23,400	17,600	13.0	11.0	21,200	17,000	23,000	7.7	13,800	770	4689694
	ACNF30XX16D*		23,600	17,800	13.0	11.0	21,200	17,000	23,000	7.7	13,800	770	4689695
	ARUF24B14B*		23,000	17,300	13.0	11.0	20,000	16,000	21,600	7.7	13,500	800	5583691
GSZ13 0241B*	ARUF24B14B*+TXV		23,000	17,300	13.0	11.0	20,000	16,000	21,600	7.7	13,500	800	5647193
	ARUF30B14A*+TXV		23,000	17,300	13.0	11.0	20,000	16,000	21,600	7.7	13,600	775	5439791
	ASPF183016E*		24,000	18,100	14.0	12.0	21,200	17,000	22,800	8.2	13,200	835	4248569
	ASPT24B14A*		22,800	17,200	13.5	11.5	20,000	16,000	21,600	7.7	11,300	810	5722754
	ASUF29B14A*		22,800	17,200	13.3	11.3	20,000	16,000	21,600	7.7	10,800	810	5722755
	ASUF29B14A*+TXV		22,800	17,200	13.5	11.5	20,000	16,000	21,600	7.7	10,800	810	5722756
	AVPTC183014A*		24,000	18,100	14.0	12.0	20,600	16,500	22,200	8.2	13,200	820	4431294

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi	HSPF ⁴	LOW		
GSZ13 0241B* (cont.)	AWUF24XX16B*		22,800	17,200	13.0	11.0	21,200	17,000	23,000	7.7	13,800	800	3842470
	AWUF30XX16B*		23,400	17,600	13.0	11.0	21,200	17,000	23,000	7.7	13,800	800	3842472
	AWUF31XX16A*		24,000	18,100	14.0	12.0	21,200	17,000	22,800	8.2	13,400	800	3842473
	AWUF32XX16A*		24,000	18,100	14.0	12.0	21,200	17,000	22,800	8.2	13,400	800	3842474
	AWUF36XX16B*		24,000	18,100	13.0	11.0	21,400	17,100	23,200	8.0	13,800	800	3842475
	CA*F1824*6D*	G*E80603B*B*	23,200	17,500	14.0	11.3	21,200	17,000	22,800	8.0	13,200	860	5038611
	CA*F1824*6D*+EEP		23,200	17,500	13.0	11.0	21,800	17,400	23,600	8.0	13,800	800	4150315
	CA*F1824*6D*+MBVC1200**1A*		23,800	17,900	14.0	12.0	21,200	17,000	22,800	8.2	13,200	800	4150316
	CHPF1824A6C*+EEP		23,200	17,500	13.0	11.0	21,600	17,300	23,400	7.8	13,800	800	3842485
	CHPF2430B6C*	G*E80603B*B*	23,200	17,500	14.0	11.3	21,200	17,000	23,000	8.0	13,400	860	5038637
	CHPF2430B6C*	A*VM960603BxB*	24,000	18,100	14.0	12.0	21,200	17,000	23,000	8.2	13,400	800	5937438
	CHPF2430B6C*	G*VC950453BxB*	24,000	18,100	14.0	12.0	21,200	17,000	23,000	8.2	13,400	800	5937439
	CHPF2430B6C*	G*VM960603BxB*	24,000	18,100	14.0	12.0	21,200	17,000	23,000	8.2	13,400	800	5937440
	CHPF2430B6C*+MBVC1200**1A*		24,000	18,100	14.0	12.0	21,200	17,000	23,000	8.2	13,200	800	3842493
	CSCF1824N6D*	G*VC950453BxB*	23,800	17,900	14.0	12.0	21,200	17,000	23,000	8.2	13,400	800	5937441
	CSCF1824N6D*+EEP		23,200	17,500	13.0	11.0	21,800	17,400	23,600	8.0	13,400	825	4767600
GSZ13 0301A*	ACNF30XX16D*		27,000	20,400	13.0	10.8	23,800	19,300	25,800	7.7	14,000	875	4689696
	ARPT36C14A*		28,400	21,400	13.0	10.9	25,000	20,200	27,000	8.0	16,600	980	5429593
	ARUF36C14A*		27,400	20,600	13.0	11.0	25,000	20,200	27,000	7.8	16,400	950	5429592
	ARUF36C14A*+TXV		28,400	21,400	13.0	11.0	25,000	20,200	27,000	8.0	16,400	1,000	5429595
	ARUF36C14B*		27,400	20,600	13.0	11.0	25,000	20,200	27,000	7.8	16,400	950	5649399
	ARUF36C14B*+TXV		28,000	21,200	13.0	11.0	25,000	20,200	27,000	8.0	16,400	950	5647194
	ASPF183016E*		28,400	21,400	14.0	11.3	24,400	19,800	26,400	8.2	16,000	1,000	4248571
	ASPT36C14A*		28,600	21,600	14.0	12.0	24,200	19,600	26,200	8.0	16,000	1,010	5722652
	ASUF39C14A*		28,600	21,600	13.5	11.5	24,200	19,600	26,200	8.0	16,000	1,010	5722651
	ASUF39C14A*+TXV		28,600	21,600	14.0	12.0	24,200	19,600	26,200	8.0	16,000	1,010	5722690
	AVPTC183014A*		28,400	21,400	14.0	11.3	24,400	19,800	26,400	8.2	16,000	1,050	4431298
	AWUF30XX16B*		27,400	20,600	13.0	11.0	23,800	19,300	25,600	8.0	14,400	1,025	3287828
	AWUF36XX16B*		28,000	21,200	13.0	11.0	23,800	19,300	25,600	8.0	14,400	1,025	3287829
	AWUF37XX16B*		28,000	21,200	13.0	11.0	23,800	19,300	25,800	8.0	14,000	1,050	3287830
	CA*F3131*6D*	G*E80603B*B*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.2	16,000	1,050	5038645
	CA*F3131*6D*	A*VC950714CXB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937442
	CA*F3131*6D*	A*VM960604CXB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937443
GSZ13 0301A*	CA*F3131*6D*	G*VC950453BxB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,000	5937444
	CA*F3131*6D*	G*VC950704CXB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	900	5937445
	CA*F3131*6D*	G*VC950714CXB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937446
	CA*F3131*6D*	G*VM960603BxB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,000	5937447
	CA*F3131*6D*	G*VM960604CXB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937448
	CA*F3131*6D*+EEP		28,400	21,400	13.0	11.0	24,400	19,800	26,400	8.0	16,000	1,000	4385572
	CA*F3636*6D*+EEP		28,600	21,600	13.0	11.0	24,400	19,800	26,400	7.8	16,000	1,050	4392830

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi	HSPF ⁴	LOW		
GSZ13 0301A* (cont.)	CHPF2430B6C*	G*E80603B*B*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.2	16,000	1,050	5038612
	CHPF2430B6C*	G*VC950453BxB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937449
	CHPF2430B6C*	G*VM960603BxB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,050	5937450
	CHPF2430B6C*+EEP		28,400	21,400	13.0	11.0	24,400	19,800	26,400	8.0	16,000	1,050	3300309
	CHPF2430B6C*+MBVC1200**1A*		28,400	21,400	14.0	11.3	24,400	19,800	26,400	8.2	16,000	1,050	3610003
	CSCF3036N6D*	G*VC950453BxB*	28,400	21,400	13.5	11.3	24,400	19,800	26,400	8.0	16,000	1,000	5937451
	CSCF3036N6D*+EEP		28,400	21,400	13.0	11.0	24,400	19,800	26,400	8.0	16,000	1,000	4767604
	ARPT36C14A*		33,000	25,000	13.0	11.0	30,600	24,400	33,000	8.0	20,800	1,020	5429727
	ARPT36D14A*		35,000	26,600	13.5	11.5	29,800	23,800	32,200	8.0	20,600	1,020	5429728
	ARPT42D14A*		33,600	25,600	13.5	11.5	29,800	23,800	32,200	8.0	20,800	1,175	5429729
GSZ13 0361B*	ARUF36C14A*+TXV		33,000	25,000	13.0	11.0	30,600	24,400	33,000	8.0	20,800	1,200	5439792
	ARUF36C14B*		33,000	25,000	13.0	11.0	30,600	24,400	33,000	8.0	20,800	1,000	5647196
	ARUF36C14B*+TXV		33,000	25,000	13.0	11.0	30,600	24,400	33,000	8.0	20,800	1,000	5647197
	ARUF42C14A*		33,600	25,600	13.0	11.0	31,400	25,200	34,000	8.0	20,800	1,000	5598661
	ARUF42C14A*+TXV		33,600	25,600	13.0	11.0	31,400	25,200	34,000	8.0	20,800	1,000	5429746
	ASPF313716*		35,000	26,600	14.0	11.5	31,400	25,200	34,000	8.2	20,000	1,000	4355474
	ASPT36C14A*		34,000	25,800	13.5	11.5	30,600	24,400	33,000	8.0	19,900	1,210	5722655
	ASUF39C14A*		34,000	25,800	13.0	11.0	30,600	24,400	33,000	8.0	21,800	1,210	5722656
	ASUF39C14A*+TXV		34,000	25,800	13.5	11.5	30,600	24,400	33,000	8.0	21,800	1,210	5722657
	AVPTC313714A*		35,800	27,200	14.0	12.0	31,400	25,200	34,000	8.2	20,000	1,100	4432052
	AWUF37XX16B*		34,000	25,800	13.0	11.0	31,400	25,200	34,000	8.0	21,000	1,150	3850485
	CA*F3636*6D*	G*VC91155DXA*	35,000	26,600	14.0	11.5	30,400	24,400	32,800	8.2	20,200	1,050	4392834
	CA*F3636*6D*	G*E81005C*B*	35,200	26,800	13.5	11.3	29,600	23,600	32,000	8.2	20,000	1,230	5038640
	CA*F3636*6D*	G*E80805C*B*	33,800	25,600	13.5	11.3	30,000	24,000	32,400	8.2	20,000	1,060	5038684
	CA*F3636*6D*	A*VC950915DXB*	35,200	26,800	13.5	11.3	30,600	24,400	33,000	8.0	21,000	1,050	5937452
	CA*F3636*6D*	G*VC950905CXB*	35,200	26,800	13.5	11.3	30,600	24,400	33,000	8.0	21,000	1,050	5937453
	CA*F3636*6D*	G*VC950915DXB*	35,200	26,800	13.5	11.3	30,600	24,400	33,000	8.0	21,000	1,050	5937454
	CA*F3636*6D*	G*VC951155DXB*	35,000	26,600	13.5	11.3	30,400	24,400	32,800	8.0	20,200	1,050	5937455
	CA*F3636*6D*	G*VM960805CXB*	35,200	26,800	13.5	11.2	30,600	24,400	33,000	8.0	21,000	1,050	5937456
	CA*F3636*6D*	G*VM960805DXB*	35,200	26,800	13.5	11.3	30,600	24,400	33,000	8.0	21,000	1,050	5937457
	CA*F3636*6D*	G*VM961005DXB*	35,000	26,600	13.5	11.3	30,400	24,400	32,800	8.0	20,200	1,050	5937458
	CA*F3636*6D*+EEP	G*VM961155DXB*	34,600	26,200	13.0	11.0	31,000	24,800	33,400	7.8	21,000	1,050	4992839
GSZ13 0361B*	CA*F3642*6D*	G*VC91155DXA*	35,200	26,800	14.0	11.5	30,200	23,600	32,600	8.2	20,200	1,050	3880659
	CA*F3642*6D*	G*E80805C*B*	33,800	25,600	13.5	11.3	29,600	23,600	32,000	8.2	20,000	1,060	5038641
	CA*F3642*6D*	G*E81005C*B*	35,200	26,800	13.5	11.3	29,600	23,600	32,000	8.2	20,000	1,230	5038642
	CA*F3642*6D*	A*VC950915DXB*	35,200	26,800	13.5	11.3	29,800	23,800	32,200	8.0	20,200	1,050	5937461
	CA*F3642*6D*	G*VC950905CXB*	35,200	26,800	13.5	11.2	29,800	23,800	32,200	8.0	20,200	1,050	5937462
	CA*F3642*6D*	G*VC950905DXB*	35,200	26,800	13.5	11.3	29,800	23,800	32,200	8.0	20,200	1,050	5937463
	CA*F3642*6D*	G*VC950915DXB*	35,200	26,800	13.5	11.3	29,800	23,800	32,200	8.0	20,200	1,050	5937464

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³			HEATING CAPACITY			CFM	AHRI #
			TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.		HI	HSPF ⁴	LOW		
GSZ13 0361B* (cont.)	COILS/AIR HANDLERS	FURNACES	35,200	26,800	13.5	11.3	30,200	24,200	32,600	32,600	8.0	20,200	1,050	5937465
			35,200	26,800	13.5	11.2	29,800	23,800	32,200	32,200	8.0	20,200	1,050	5937466
			35,200	26,800	13.5	11.3	29,800	23,800	32,200	32,200	8.0	20,200	1,050	5937467
			35,200	26,800	13.5	11.3	30,200	24,200	32,600	32,600	8.0	20,200	1,050	5937468
			35,200	26,800	13.5	11.3	30,200	24,200	32,600	32,600	8.0	20,200	1,050	5937469
			34,600	26,200	13.0	11.0	30,800	24,600	33,200	33,200	8.0	21,000	1,050	3880683
			35,200	26,800	14.0	11.5	29,600	23,600	32,000	32,000	8.2	20,000	1,200	3880695
			34,200	26,000	13.0	11.0	31,400	25,200	34,000	34,000	8.0	21,000	1,100	5611339
			34,600	26,200	14.0	11.5	31,200	25,000	33,800	33,800	8.0	20,000	1,200	5611340
			34,600	26,200	14.0	11.5	31,200	25,000	33,600	33,600	8.0	20,000	1,200	5611341
			33,800	25,600	13.5	11.3	29,600	23,600	32,000	32,000	8.2	20,000	1,060	5038701
			35,000	26,600	13.5	11.3	30,800	24,600	33,200	33,200	8.2	20,000	1,230	5038702
			34,400	26,200	13.0	11.0	31,200	25,000	33,800	33,800	8.0	20,000	1,050	3850497
			33,800	25,600	13.5	11.3	30,200	24,200	32,600	32,600	8.2	20,000	1,060	5038638
			35,000	26,600	13.5	11.3	30,400	24,400	32,800	32,800	8.2	20,000	1,230	5038714
			34,400	26,200	13.0	11.0	31,200	25,000	33,800	33,800	8.0	20,000	1,050	3850499
GSZ13 0421A*	COILS/AIR HANDLERS	FURNACES	34,800	26,400	14.0	11.5	30,200	24,200	32,600	32,600	8.2	20,000	1,200	3850501
			35,000	26,600	14.0	11.5	30,400	24,400	32,800	32,800	8.2	20,000	1,050	3850505
			35,200	26,800	13.5	11.3	29,600	23,600	32,000	32,000	8.2	20,000	1,230	5038646
			35,000	26,600	13.5	11.2	30,200	24,200	32,600	32,600	8.0	20,000	1,050	5937470
			35,000	26,600	13.5	11.3	30,200	24,200	32,600	32,600	8.0	20,000	1,050	5937471
			35,000	26,600	13.5	11.3	30,400	24,400	32,800	32,800	8.0	20,000	1,050	5937472
			35,000	26,600	13.5	11.2	30,200	24,200	32,600	32,600	8.0	20,000	1,050	5937473
			35,000	26,600	13.5	11.3	30,200	24,200	32,600	32,600	8.0	20,000	1,050	5937474
			35,000	26,600	13.5	11.3	30,400	24,400	32,800	32,800	8.0	20,000	1,050	5937475
			35,000	26,600	13.5	11.3	30,400	24,400	32,800	32,800	8.0	20,000	1,050	5937476
			34,400	26,200	13.0	11.0	31,200	25,000	33,800	33,800	8.0	20,000	1,050	3850508
			35,200	26,800	14.0	12.0	29,600	23,600	32,000	32,000	8.5	20,000	1,150	3850543
			39,500	28,000	13.0	11.0	36,200	28,600	39,000	39,000	8.0	23,600	1,300	5438676
			39,000	27,600	13.0	11.0	35,200	27,800	38,000	38,000	8.0	23,800	1,280	5358274
			40,000	28,400	13.0	11.0	36,200	28,600	39,000	39,000	8.0	24,200	1,300	5438677
			41,000	29,000	14.0	11.3	37,600	29,800	40,500	40,500	8.2	24,000	1,400	4358320
GSZ13 0421A*	COILS/AIR HANDLERS	FURNACES	39,500	28,000	14.0	11.5	34,800	27,400	37,600	37,600	8.0	20,400	1,385	5722760
			38,500	27,200	13.5	11.0	34,800	27,400	37,600	37,600	8.0	20,800	1,280	5620387
			38,500	27,200	13.8	11.0	34,800	27,400	37,600	37,600	8.0	20,800	1,280	5620388
			41,000	29,000	14.0	11.3	37,600	29,800	40,500	40,500	8.2	24,000	1,250	4431312
			40,000	28,400	13.0	11.0	37,000	29,200	40,000	40,000	8.0	24,000	1,350	3880679
			40,000	28,400	13.0	11.0	37,000	29,200	40,000	40,000	8.0	24,000	1,350	4415218
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	3880727
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937477
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478
			41,000	29,000	13.5	11.3	37,600	29,800	40,500	40,500	8.0	24,000	1,350	5937478

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³				HEATING CAPACITY			CFM	AHRI #
			TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	SEER ¹	EER ²	HI	HSPF ⁴	LOW		
GSZ13 0421A* (cont.)	CA*F4860*6D*	G*VM961155DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937479
	CA*F4860*6D*+TXV	G*E80805C*B*	41,000	29,000	14.0	11.3	37,600	29,800	14.0	11.3	40,500	8.2	24,000	1,350	5038613
	CA*F4860*6D*+TXV	G*E81005C*B*	41,000	29,000	14.0	11.3	37,600	29,800	14.0	11.3	40,500	8.2	24,000	1,420	5038685
	CHPF3642C6C*+EEP		40,500	28,800	13.0	11.0	37,000	29,200	13.0	11.0	40,000	8.0	24,000	1,350	3300323
	CHPF3642D6C*+EEP		40,500	28,800	13.0	11.0	37,000	29,200	13.0	11.0	40,000	8.0	24,000	1,350	3300324
	CHPF4860D6D*	G*VC91155DXA*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	3599130
	CHPF4860D6D*	G*VC950905CXB*	41,000	29,000	13.5	11.2	37,600	29,800	13.5	11.2	40,500	8.0	24,000	1,350	5937480
	CHPF4860D6D*	G*VC950905DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937481
	CHPF4860D6D*	G*VC951155DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937482
	CHPF4860D6D*	G*VM960805CXB*	41,000	29,000	13.5	11.2	37,600	29,800	13.5	11.2	40,500	8.0	24,000	1,350	5937483
	CHPF4860D6D*	G*VM960805DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937484
	CHPF4860D6D*	G*VM961005DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937485
	CHPF4860D6D*	G*VM961155DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,350	5937486
	CHPF4860D6D*+MBVC1600**1A*		41,000	29,000	14.0	11.3	37,600	29,800	14.0	11.3	40,500	8.2	24,000	1,350	3610032
	CHPF4860D6D*+TXV	G*E80805C*B*	41,000	29,000	14.0	11.3	37,600	29,800	14.0	11.3	40,500	8.2	24,000	1,350	5038639
GSZ13 0481A*	CHPF4860D6D*+TXV	G*E81005C*B*	41,000	29,000	14.0	11.3	37,600	29,800	14.0	11.3	40,500	8.2	24,000	1,420	5038686
	CSCF3642N6D*+EEP		40,000	28,400	13.0	11.0	37,000	29,200	13.0	11.0	40,000	8.0	24,000	1,275	4767613
	CSCF4860N6D*	G*VC950905CXB*	41,000	29,000	13.5	11.2	37,600	29,800	13.5	11.2	40,500	8.0	24,000	1,450	5937487
	CSCF4860N6D*	G*VC950905DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,450	5937488
	CSCF4860N6D*	G*VC951155DXB*	41,000	29,000	13.5	11.3	37,600	29,800	13.5	11.3	40,500	8.0	24,000	1,425	5937489
	ARPT48D14A*		46,000	36,000	13.0	11.0	41,500	33,600	13.0	11.0	45,000	8.2	27,200	1,500	5429732
	ARPT60D14A*		46,000	36,000	13.5	11.5	41,000	33,200	13.5	11.5	44,500	8.2	27,000	1,495	5429733
	ARUF48D14A*		45,000	35,200	13.0	11.0	40,500	32,800	13.0	11.0	44,000	8.0	27,000	1,450	5358275
	ARUF60D14A*		45,000	35,200	13.0	11.0	40,500	32,800	13.0	11.0	44,000	8.0	27,600	1,515	5429730
	ASPF426016E**+TXV		46,000	36,000	14.0	11.3	40,500	32,800	14.0	11.3	44,000	8.2	27,000	1,560	4358324
	ASPT48D14A*		46,000	36,000	14.0	12.0	40,500	32,800	14.0	12.0	44,000	8.2	26,400	1,600	5796518
	ASPT60D14A*		46,000	36,000	14.0	12.0	40,500	32,800	14.0	12.0	44,000	8.2	26,400	1,600	5722661
	ASUF49C14A*		42,000	33,000	13.0	11.0	40,500	32,800	13.0	11.0	44,000	8.0	26,000	1,570	5620389
	ASUF49C14A*+TXV		42,000	33,000	13.3	11.0	40,500	32,800	13.3	11.0	44,000	8.0	26,200	1,570	5620390
	AVPTC426014A*		46,000	36,000	14.0	11.3	40,500	32,800	14.0	11.3	44,000	8.2	27,000	1,600	4431315
GSZ13 0481A*	CA*F4860*6D*+EEP		46,000	36,000	13.0	11.0	40,500	32,800	13.0	11.0	44,000	8.2	27,000	1,600	3880738
	CA*F4860*6D*+MBVC2000**1A*+TXV		46,000	36,000	14.0	11.3	40,500	32,800	14.0	11.3	44,000	8.2	27,000	1,600	3880758
	CA*F4860*6D*+TXV	G*E80805C*B*	45,500	35,600	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,650	5038669
	CA*F4860*6D*+TXV	G*E81005C*B*	45,000	35,200	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,570	5038715
	CA*F4860*6D*+TXV	A*VC950915DXB*	45,500	35,600	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937490
	CA*F4860*6D*+TXV	G*VC950905CXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937491
	CA*F4860*6D*+TXV	G*VC950905DXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937492
	CA*F4860*6D*+TXV	G*VC950915DXB*	45,500	35,600	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937493
	CA*F4860*6D*+TXV	G*VC951155DXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937494
	CA*F4860*6D*+TXV	G*VM960805CXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937495
	CA*F4860*6D*+TXV	G*VM960805DXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937496
	CA*F4860*6D*+TXV	G*VM961005DXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937497
	CA*F4860*6D*+TXV	G*VM961155DXB*	46,000	36,000	13.5	11.3	40,500	32,800	13.5	11.3	44,000	8.2	27,000	1,600	5937497

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS ³		HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi	HSPF ⁴	Low		
GSZ13 0481A* (cont.)	CA*F4860*6D*+TXV	G*VM961155DXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937498
	CAPT4961*4A*+EEP		45,000	35,200	13.0	11.0	40,000	32,400	43,000	8.0	27,200	1,500	5611342
	CAPT4961*4A*+MBVC2000*-1A*		45,500	35,600	14.0	12.0	38,500	31,200	41,500	8.5	26,200	1,550	5611343
	CHPF4860D6D*+EEP		46,000	36,000	13.0	11.3	40,500	32,800	44,000	8.2	27,000	1,600	3300334
	CHPF4860D6D*+MBVC2000*-1A*+TXV		46,000	36,000	14.0	11.3	40,500	32,800	44,000	8.2	27,000	1,600	3610053
	CHPF4860D6D*+TXV	G*VC91155DXA*	46,000	36,000	14.0	11.3	40,500	32,800	44,000	8.2	27,000	1,600	3599136
	CHPF4860D6D*+TXV	G*E81005C*B*	45,000	35,200	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,570	5038614
	CHPF4860D6D*+TXV	G*E80805C*B*	45,500	35,600	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,650	5038716
	CHPF4860D6D*+TXV	G*VC950905CXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937499
	CHPF4860D6D*+TXV	G*VC950905DXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937500
	CHPF4860D6D*+TXV	G*VC951155DXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937501
	CHPF4860D6D*+TXV	G*VM960805CXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937502
	CHPF4860D6D*+TXV	G*VM960805DXB*	45,500	35,600	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937503
	CHPF4860D6D*+TXV	G*VM961005DXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937504
GSZ13 0601A*	CHPF4860D6D*+TXV	G*VM961155DXB*	46,000	36,000	13.5	11.3	40,500	32,800	44,000	8.2	27,000	1,600	5937505
	CSCF4860N6D*+EEP		46,000	36,000	13.0	11.3	40,500	32,800	44,000	8.2	27,000	1,600	4767619
	CSCF4860N6D*+TXV	G*VC950905CXB*	46,000	36,000	14.0	11.3	40,500	32,800	44,000	8.2	27,000	1,575	5937506
	CSCF4860N6D*+TXV	G*VC950905DXB*	46,000	36,000	14.0	11.3	40,500	32,800	44,000	8.2	27,000	1,575	5937507
	ARPT60D14A*		56,000	42,500	13.0	11.0	54,500	43,500	59,000	8.0	37,400	1,850	5429748
	ARUF60D14A*+TXV		55,500	42,500	13.0	10.8	54,500	43,500	59,000	8.2	37,800	1,800	5439795
	ASPF426016E*+TXV		57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.5	36,000	1,800	4358336
	ASPT60D14A*		57,000	43,500	13.5	11.5	55,000	44,000	59,500	8.2	37,000	1,600	5722663
	ASUF59D14A*		57,000	43,500	13.5	11.5	55,000	44,000	59,500	8.2	35,000	1,580	5600184
	AVPTC426014A*		57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.5	34,800	1,800	4431323
	CA*F4860*6D*+EEP		57,000	43,500	13.0	11.1	53,500	43,000	58,000	8.2	36,000	1,800	3880737
	CA*F4860*6D*+MBVC2000*-1A*+TXV		57,000	43,500	13.5	11.3	53,500	43,000	58,000	8.5	36,000	1,800	3880759
	CA*F4860*6D*+TXV	G*E81005C*B*	57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.2	36,000	1,570	5038615
	CA*F4860*6D*+TXV	G*E80805C*B*	56,500	43,000	13.5	11.2	53,500	43,000	58,000	8.2	36,000	1,650	5038687
GSZ13 0601A*	CA*F4961*6D*+EEP		57,500	44,000	13.0	11.0	53,500	43,000	58,000	8.2	36,000	1,800	4431853
	CHPF4860D6D*+EEP		55,500	42,500	13.0	11.1	53,500	43,000	58,000	8.2	36,000	1,800	3300344
	CHPF4860D6D*+MBVC2000*-1A*+TXV		57,000	43,500	13.5	11.3	53,500	43,000	58,000	8.5	36,000	1,800	3610054
	CHPF4860D6D*+TXV	G*E80805C*B*	56,000	42,500	13.5	11.2	53,500	43,000	58,000	8.2	36,000	1,600	5038654
	CHPF4860D6D*+TXV	G*E81005C*B*	57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.2	36,000	1,810	5038717
	CSCF4860N6D*+EEP		57,000	43,500	13.0	11.0	53,500	43,000	58,000	8.2	36,000	1,800	4767626
	CSCF4860N6D*+TXV	G*VC950905CXB*	57,000	43,500	13.3	11.0	53,500	43,000	58,000	8.2	36,000	1,675	5937508
	CSCF4860N6D*+TXV	G*VC950905DXB*	57,000	43,500	13.3	11.0	53,500	43,000	58,000	8.2	36,000	1,675	5937509
	ARPT60D14A*		56,000	42,500	13.0	11.0	54,500	43,500	59,000	8.0	37,400	1,850	5429748
	ARUF60D14A*+TXV		55,500	42,500	13.0	10.8	54,500	43,500	59,000	8.2	37,800	1,800	5439795
	ASPF426016E*+TXV		57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.5	36,000	1,800	4358336
	ASPT60D14A*		57,000	43,500	13.5	11.5	55,000	44,000	59,500	8.2	37,000	1,600	5722663
	ASUF59D14A*		57,000	43,500	13.5	11.5	55,000	44,000	59,500	8.2	35,000	1,580	5600184
	AVPTC426014A*		57,000	43,500	13.5	11.2	53,500	43,000	58,000	8.5	34,800	1,800	4431323
	CA*F4860*6D*+EEP		57,000	43,500	13.0	11.1	53,500	43,000	58,000	8.2	36,000	1,800	3880737

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

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

NOTES

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

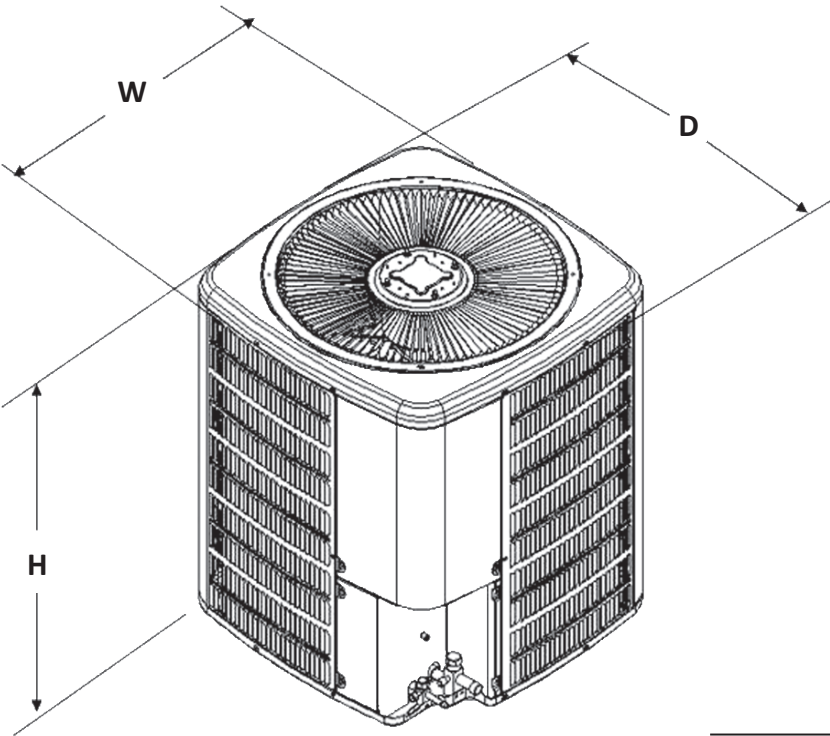
• When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.

• EEP - Order from Service Dept. Part # B13707-38 or new Solid State Board B13707-35S. Part # B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.

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

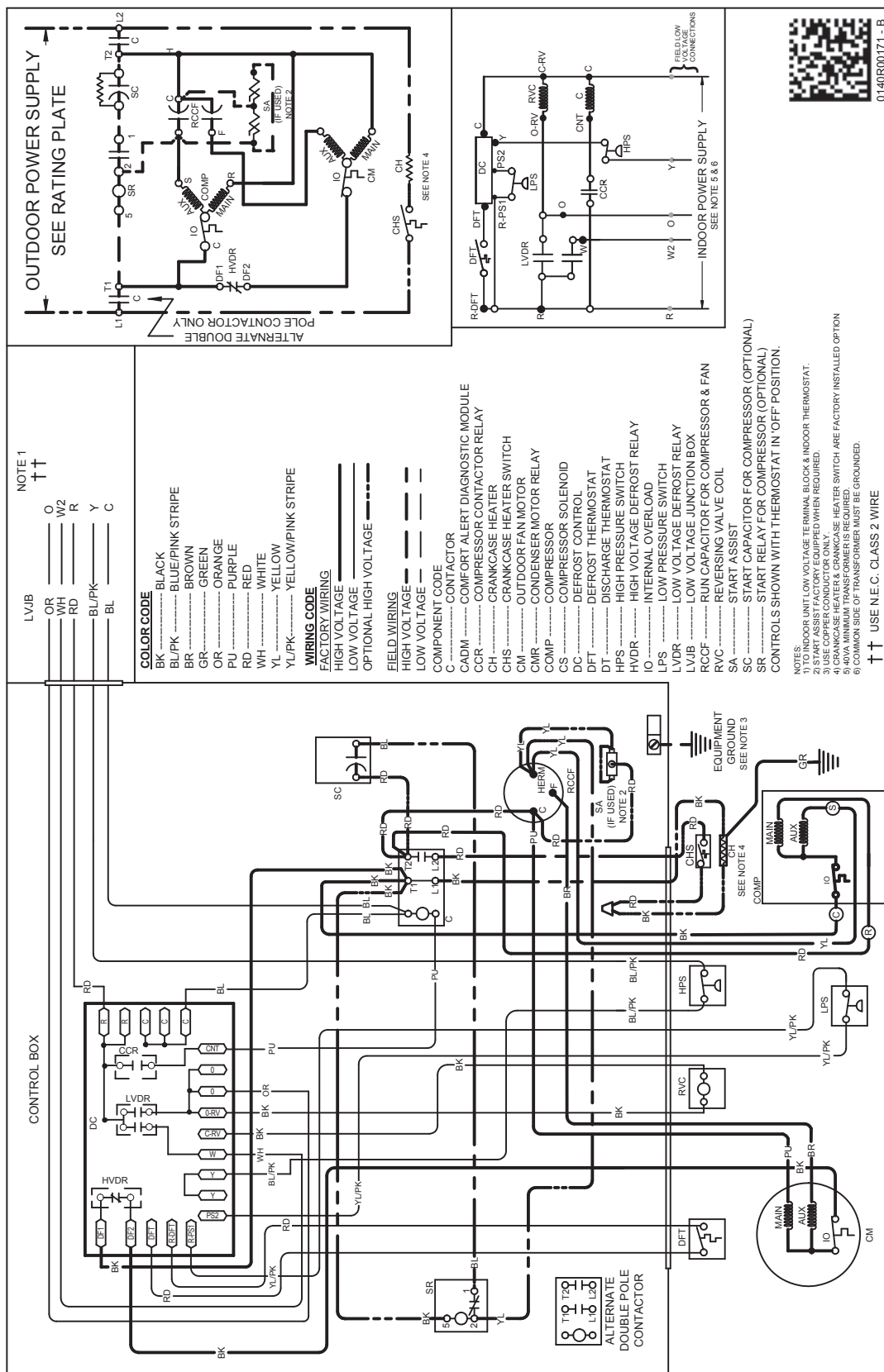
⁴ HSPF = Heating Seasonal Performance Factor

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSZ130181A	26	26	32¾
GSZ130241C	26	26	32¾
GSZ130301A	26	26	32¾
GSZ130361B	29	29	32¾
GSZ130421A	29	29	38¾
GSZ130481A	29	29	34¾
GSZ130601A	35½	35½	34¾

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.



0140R00171 - B

ACCESSORIES

MODEL #	DESCRIPTION	GSZ13 018	GSZ13 024	GSZ13 030	GSZ13 036	GSZ13 042	GSZ13 048	GSZ13 060
0130R00000S	Low-pressure Switch Kit	X	X	X	X	X	X	X
ABK-20	Anchor Bracket Kit ⁰	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat	X	X	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X	X	X
TX2N4 ³	TXV Kit	X						
TX2N4A ³	TXV Kit	X	X					
TX3N4 ³	TXV Kit			X	X			
TX5N4 ³	TXV Kit					X	X	X

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

¹ Installed on indoor coil

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

³ Condensing units and heat pumps with reciprocating 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.