



Air Conditioning & Heating

## PRODUCT SPECIFICATIONS



# 13 SEER

# 1½ TO 5 TON

**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

The Goodman® GSZ13 uses the environmentally friendly refrigerant R-410A and features operating sound levels that are among the best in the heating and cooling industry. R-410A is chlorine-free to help prevent damage to the ozone layer. With its 13 SEER rating, the GSZ13 will help reduce energy consumption throughout the life of the system.

### Standard Features

- R-410A environmentally friendly refrigerant
- Energy-efficient scroll compressor
- Low-pressure switch
- 850 RPM condenser fan motor
- Liquid refrigerant return protection
- Factory-installed, bi-flow liquid line filter dryer
- Service valves with sweat connections and easy-access gauge ports
- Copper tube/enhanced aluminum fin coil
- Reliable time-initiated, temperature-terminated defrost control
- Contactor with lug connection
- Ground lug connection
- ARI Certified; ETL Listed

### Cabinet Features

- Unique Goodman® 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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**NOMENCLATURE**

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

\* Neither used for order entry or inventory management.

**SPECIFICATIONS**

	GSZ13 0181A	GSZ13 0241A	GSZ13 0301A	GSZ13 0361A	GSZ13 0421A	GSZ13 0481A	GSZ13 0601A
<b>Nominal Capacities</b>							
Cooling (BTU/h)	17,400	23,000	28,400	35,000	41,000	46,000	57,000
Heating (BTU/h)	17,000	23,000	26,400	34,000	40,500	44,000	58,000
Decibels	71	73	72	74	74	76	75
<b>Compressor</b>							
RLA	9.0	12.8	14.1	16.6	17.9	19.8	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
<b>Condenser Fan Motor</b>							
Horsepower	1/6	1/6	1/6	1/4	1/4	1/4	1/4
FLA	1.1	1.10	1.10	1.50	1.50	1.50	1.50
<b>Refrigeration System</b>							
<b>Refrigerant Line Size<sup>1</sup></b>							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
<b>Refrigerant Connection Size</b>							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	129	129	134	178	181	229	252
Shipped with Orifice Size	0.049	0.057	0.063	0.068	0.074	0.078	0.088
<b>Electrical Data</b>							
Volts / Hz / Phase	208/230-60-1				208/230-60-1		
Minimum Circuit Ampacity <sup>2</sup>	12.3	17.1	18.7	22.3	23.9	26.3	34.5
Max. Overcurrent Protection <sup>3</sup>	20	25	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	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>Ship Weight (lbs)</b>	198	198	202	232	235	240	266

<sup>1</sup> Tested and rated in accordance with ARI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**Notes**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED COOLING DATA — GSZ130181A\* / AR\*F182416\*\*

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
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	-	
		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	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	
	600	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	-	
		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	-	
		Hi-PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-	
	525	Lo-PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	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	-	
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
	75	675	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
			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	-
			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	-
600		Hi-PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	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	-	
		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	-	
525		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-	
675		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	-	
		Hi-PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	
		Lo-PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	
75	675	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	
		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	
		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	
	600	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	
		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	
		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	
	525	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	
		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	
		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	
	675	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
		KW	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	
		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	
600	Hi-PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481		
	Lo-PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168		
	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		
525	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		
	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		
	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		
675	Amps	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8		
	Hi-PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467		
	Lo-PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163		

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

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

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	675	MBh	17.65	18.03	19.27	20.60	17.24	17.61	18.82	20.12	16.83	17.19	18.37	19.64	16.42	16.77	17.92	19.16	15.60	15.94	17.03	18.20	14.45	14.76	15.77	16.86	
		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	
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	21	19	15	20	20	17	14	
	600	kW	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57	1.52	1.55	1.60	1.65	1.58	1.61	1.66	1.72	1.63	1.67	1.72	1.78	
		Amps	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.8	6.5	6.7	6.9	7.2	
		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	
	525	Lo-PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171	
		MBh	17.1	17.5	18.7	20.0	16.7	17.1	18.3	19.5	16.3	16.7	17.8	19.1	15.9	16.3	17.4	18.6	15.1	15.5	16.5	17.7	14.0	14.3	15.3	16.4	
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
	85	675	ΔT	23	22	19	15	23	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	21	21	18	15
			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	1.59	1.64	1.57	1.60	1.65	1.70	1.62	1.65	1.71	1.76
			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	5.7	5.9	6.1	6.1	6.2	6.4	6.7	6.4	6.6	6.8	7.1
600		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	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	
		MBh	15.8	16.2	17.3	18.5	15.4	15.8	16.9	18.0	15.1	15.4	16.5	17.6	14.7	15.0	16.1	17.2	14.0	14.3	15.3	16.3	12.9	13.2	14.1	15.1	
525		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
		kW	1.23	1.25	1.29	1.33	1.32	1.34	1.39	1.43	1.40	1.43	1.47	1.52	1.47	1.50	1.55	1.60	1.53	1.56	1.61	1.66	1.58	1.61	1.67	1.72	
675		Amps	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9	
		Hi-PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472	
		Lo-PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
85	675	MBh	17.96	18.30	19.17	20.45	17.54	17.88	18.72	19.98	17.12	17.45	18.28	19.50	16.70	17.03	17.83	19.02	15.87	16.18	16.94	18.07	14.70	14.98	15.69	16.74	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	22	22	22	19	20	20	21	18	
	600	kW	1.28	1.30	1.34	1.38	1.37	1.40	1.44	1.49	1.45	1.49	1.53	1.58	1.53	1.56	1.61	1.66	1.59	1.63	1.68	1.73	1.65	1.68	1.74	1.79	
		Amps	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.6	6.8	6.6	6.7	7.0	7.2	
		Hi-PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496	
	525	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	
		MBh	17.4	17.8	18.6	19.9	17.0	17.4	18.2	19.4	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.5	15.4	15.7	16.4	17.5	14.3	14.5	15.2	16.3	
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	675	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19	
		kW	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57	1.52	1.55	1.60	1.65	1.58	1.61	1.66	1.72	1.63	1.67	1.72	1.78	
		Amps	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.8	6.5	6.7	6.9	7.2	
600	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	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171		
	MBh	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.4	17.5	15.0	15.3	16.0	17.0	14.2	14.5	15.2	16.2	13.2	13.4	14.1	15.0		
525	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72		
	ΔT	25	25	23	20	25	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19		
	kW	1.24	1.26	1.30	1.34	1.33	1.36	1.40	1.44	1.41	1.44	1.48	1.53	1.48	1.51	1.56	1.61	1.54	1.57	1.62	1.68	1.59	1.63	1.68	1.73		
675	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	5.6	5.8	5.6	5.7	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	7.0		
	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	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

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

Shaded area is ARI Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

EXPANDED COOLING DATA — GSZ130241A\* / AR\*F182416\*\*

IDB	Airflow	Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
		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	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	1.63	1.66	1.71	-	1.75	1.79	1.84	-	1.86	1.90	1.96	-	1.95	2.00	2.06	-	2.04	2.08	2.15	-	2.11	2.15	2.22	-
	Amps	6.1	6.2	6.4	-	6.6	6.8	7.0	-	7.2	7.3	7.6	-	7.7	7.9	8.1	-	8.2	8.4	8.7	-	8.7	8.9	9.2	-
	Hi PR	227	244	257	-	254	274	289	-	289	311	328	-	329	354	374	-	370	399	421	-	409	440	465	-
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-
	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	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
75	kW	1.61	1.65	1.70	-	1.74	1.77	1.83	-	1.84	1.88	1.94	-	1.94	1.98	2.05	-	2.02	2.06	2.13	-	2.09	2.14	2.21	-
	Amps	6.0	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	8.6	-	8.6	8.8	9.1	-
	Hi PR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	460	-
	Lo PR	103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	129	137	150	-
	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	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	1.58	1.61	1.66	-	1.70	1.73	1.79	-	1.80	1.84	1.90	-	1.89	1.93	1.99	-	1.97	2.01	2.08	-	2.04	2.08	2.15	-
	Amps	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.3	8.5	8.8	-
	Hi PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	366	383	404	-	393	423	447	-
Lo PR	100	106	116	-	106	112	123	-	110	117	128	-	115	123	134	-	121	129	140	-	125	133	145	-	

75	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	0.84	0.75	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	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
	kW	1.64	1.67	1.73	1.78	1.76	1.80	1.86	1.92	1.87	1.91	1.98	2.04	1.97	2.01	2.08	2.15	2.05	2.10	2.17	2.24	2.12	2.17	2.24	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	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.1	8.7	9.0	9.3	9.6
	Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490
	Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	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	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
	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
75	kW	1.63	1.66	1.71	1.77	1.75	1.79	1.84	1.90	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.22	2.11	2.15	2.22	2.30
	Amps	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
	Hi PR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	370	399	421	439	409	441	465	485
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
	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	19.6	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
	S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
	kW	1.59	1.62	1.67	1.72	1.71	1.74	1.80	1.86	1.81	1.85	1.91	1.97	1.91	1.95	2.01	2.08	1.99	2.03	2.10	2.17	2.05	2.10	2.17	2.24
	Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3
	Hi PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471
Lo PR	101	108	117	125	107	114	124	132	111	118	129	137	117	124	135	144	122	130	142	151	126	134	147	156	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions kW = Total system power Amps = Outdoor unit amps (comp. +fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions



EXPANDED COOLING DATA — GSZ130241A\* / AR\*F182416\*\* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																																																																					
		65°F						75°F						85°F						95°F						105°F						115°F																																							
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																		
Entering Indoor Wet Bulb Temperature																																																																							
80	675	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	0.93	0.87	0.71	0.53	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	21	21	18	14	19	19	17	13			
		KW	1.65	1.69	1.74	1.80	1.78	1.82	1.87	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.10	2.17	2.07	2.12	2.19	2.26	2.14	2.19	2.26	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	8.3	8.6	8.3	8.5	8.8	9.2	8.8	9.0	9.4	9.7																				
	HI PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164																					
	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	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	21	20	18
	KW	1.64	1.67	1.73	1.78	1.76	1.80	1.86	1.92	1.87	1.91	1.98	2.04	1.97	2.01	2.08	2.15	2.05	2.10	2.17	2.24	2.12	2.17	2.24	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	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.1	8.7	9.0	9.3	9.6																					
	HI PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	413	445	470	490	LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163																					
	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	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	21	18
	KW	1.60	1.63	1.69	1.74	1.72	1.76	1.81	1.87	1.83	1.87	1.93	1.99	1.92	1.96	2.03	2.10	2.00	2.05	2.11	2.18	2.07	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	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3																					
	HI PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	LO PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158																					

85	675	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	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	ΔT	23	23	21	18	23	23	22	19	23	23	22	19	22	22	22	19	21	21	21	19	19	20	20	17
		KW	1.67	1.70	1.75	1.81	1.79	1.83	1.89	1.95	1.90	1.95	2.01	2.08	2.00	2.05	2.11	2.18	2.09	2.13	2.20	2.28	2.16	2.21	2.28	2.36	AMPS	6.3	6.4	6.6	6.9	6.8	6.9	7.2	7.4	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8																									
	HI PR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452	422	454	479	500	LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166																										
	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	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75	ΔT	24	24	22	19	24	24	23	19	24	24	23	19	24	24	23	20	23	23	22	19	21	22	21	18	
	KW	1.65	1.69	1.74	1.80	1.78	1.82	1.87	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.10	2.17	2.07	2.12	2.19	2.26	2.14	2.19	2.26	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	8.3	8.6	8.3	8.5	8.8	9.2	8.8	9.0	9.4	9.7																										
	HI PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164																										
	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	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.91	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	22	21	18	
	KW	1.61	1.65	1.70	1.75	1.74	1.77	1.83	1.89	1.84	1.88	1.94	2.01	1.94	1.98	2.05	2.11	2.02	2.06	2.13	2.20	2.09	2.14	2.21	2.28	AMPS	6.0	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	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4																										
	HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480	LO PR	103	110	120	128	109	116	127	135	113	120	132	140	119	127	138	147	125	133	145	154	129	137	150	159																										

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI Rating Conditions kW = Total system power Amps = Outdoor unit amps (comp. +fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

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

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	-
	Hi PR	229	246	260	-	297	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	-
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	-	295	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	-	
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	-	
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	-	
75	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
	Hi PR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495
	Lo PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167
	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	
Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	427	445	415	446	471	492	
Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	
MBh	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	
Hi PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	406	437	462	482	
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions



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

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
<b>1173</b>	MBh	28.38	29.00	30.99	33.13	27.72	28.33	30.27	32.36	27.06	27.66	29.55	31.59	26.40	26.98	28.83	30.81	25.08	25.63	27.38	29.27	23.24	23.74	25.37	27.12
	S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62
	ΔT	21	20	18	14	21	20	18	14	21	20	18	14	21	21	18	14	20	20	18	14	18	19	17	13
	kW	2.01	2.05	2.12	2.18	2.16	2.20	2.27	2.34	2.29	2.34	2.41	2.49	2.41	2.46	2.53	2.62	2.50	2.56	2.64	2.72	2.59	2.64	2.73	2.82
	Amps	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.3	11.6	12.0
	Hi-PR	234	251	265	277	262	282	298	311	298	321	339	353	339	365	386	402	382	411	434	453	422	454	479	500
	Lo-PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
	ΔT	22	21	19	15	22	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	20	20	17	14
<b>1050</b>	kW	2.00	2.04	2.10	2.17	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.47	2.39	2.44	2.52	2.60	2.49	2.54	2.62	2.71	2.57	2.63	2.71	2.80
	Amps	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	10.0	10.3	10.7	10.3	10.6	10.9	11.3	10.9	11.2	11.5	12.0
	Hi-PR	232	250	264	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	497
	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	26.6	27.1	29.0	31.0	25.9	26.5	28.3	30.3	25.3	25.9	27.7	29.6	24.7	25.3	27.0	28.8	23.5	24.0	25.6	27.4	21.7	22.2	23.7	25.4
	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	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	22	22	19	15	22	21	18	14
	kW	1.97	2.01	2.07	2.13	2.12	2.16	2.22	2.29	2.24	2.29	2.36	2.43	2.35	2.40	2.48	2.56	2.45	2.50	2.58	2.66	2.53	2.59	2.67	2.76
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.7	11.1	10.7	11.0	11.3	11.8
	Hi-PR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	391	372	400	422	440	411	442	467	487
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	
<b>927</b>	MBh	28.88	29.44	30.83	32.89	28.21	28.76	30.12	32.13	27.54	28.07	29.40	31.36	26.87	27.39	28.68	30.60	25.52	26.02	27.25	29.07	23.64	24.10	25.24	26.93
	S/T	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.81
	ΔT	22	22	21	18	22	22	21	18	22	22	21	18	21	21	21	18	20	20	21	18	19	19	20	17
	kW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.42	2.48	2.55	2.64	2.52	2.58	2.66	2.75	2.61	2.66	2.75	2.84
	Amps	8.0	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.7	12.2
	Hi-PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505
	Lo-PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170
	MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.1	25.1	25.6	26.8	28.6	23.3	23.7	24.9	26.5
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	24	22	19	22	22	22	19	20	21	21	18
<b>85</b>	kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.73	2.59	2.65	2.74	2.82
	Amps	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.6	12.1
	Hi-PR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	502
	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	27.0	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4	25.1	25.6	26.8	28.6	23.9	24.4	25.5	27.2	22.1	22.6	23.6	25.2
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	22	22	21	18
	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
	Hi-PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	426	445	415	446	471	491
Lo-PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI Rating Conditions kW = Total system power Amps = Outdoor unit amps (comp. + fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions.

EXPANDED COOLING DATA — GSZ130361A\* / AR\*F364216\*\*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		Entering Indoor Wet Bulb Temperature																							
		33.8	35.0	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.4	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-
		0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
<b>1425</b>		2.60	2.65	2.73	-	2.79	2.84	2.92	-	2.95	3.01	3.10	-	3.09	3.15	3.25	-	3.21	3.28	3.38	-	3.32	3.38	3.49	-
		9.4	9.7	10.0	-	10.2	10.4	10.7	-	11.0	11.3	11.7	-	11.8	12.0	12.4	-	12.5	12.8	13.2	-	13.2	13.6	14.0	-
		239	257	272	-	268	289	305	-	305	328	347	-	347	374	395	-	391	421	444	-	432	465	491	-
		108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-
		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	-
		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	-
		17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
<b>70</b>		2.59	2.64	2.72	-	2.77	2.83	2.91	-	2.93	2.99	3.08	-	3.07	3.14	3.23	-	3.19	3.26	3.36	-	3.30	3.37	3.47	-
		9.4	9.6	9.9	-	10.1	10.3	10.7	-	11.0	11.2	11.6	-	11.7	12.0	12.4	-	12.4	12.7	13.1	-	13.2	13.5	13.9	-
		237	255	270	-	266	287	303	-	303	326	344	-	345	371	392	-	388	418	441	-	429	461	487	-
		107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
		31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-
		0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
		18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	16	14	11	-
<b>1125</b>		2.55	2.60	2.68	-	2.73	2.78	2.87	-	2.89	2.95	3.03	-	3.03	3.09	3.18	-	3.14	3.21	3.31	-	3.25	3.31	3.42	-
		9.2	9.4	9.7	-	9.9	10.2	10.5	-	10.8	11.0	11.4	-	11.5	11.8	12.1	-	12.2	12.5	12.9	-	12.9	13.2	13.7	-
		233	250	264	-	261	281	297	-	297	319	337	-	338	364	384	-	380	409	432	-	420	452	478	-
		105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	127	135	147	-	131	139	152	-
		34.37	35.39	38.30	41.11	33.57	34.56	37.41	40.15	32.77	33.74	36.52	39.20	31.97	32.92	35.63	38.24	30.37	31.27	33.85	36.33	28.14	28.97	31.36	33.65
		0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
		19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9
<b>1425</b>		2.62	2.67	2.75	2.83	2.81	2.86	2.95	3.04	2.97	3.03	3.12	3.22	3.11	3.18	3.28	3.38	3.24	3.30	3.41	3.51	3.34	3.41	3.52	3.63
		9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.7
		241	260	274	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	469	496	517
		109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168
		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
		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
		20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	17	14	10
<b>1275</b>		2.61	2.66	2.74	2.82	2.79	2.85	2.93	3.02	2.95	3.01	3.10	3.20	3.10	3.16	3.26	3.36	3.22	3.29	3.39	3.49	3.32	3.39	3.50	3.61
		9.5	9.7	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	12.9	12.5	12.8	13.3	13.8	13.3	13.6	14.0	14.6
		240	258	272	284	269	290	306	319	306	329	348	363	348	375	396	413	392	422	446	465	433	466	492	513
		108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167
		32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.81	33.3	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.3	31.5
		0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39
		20	19	15	11	21	19	15	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
<b>1125</b>		2.57	2.62	2.70	2.77	2.75	2.81	2.89	2.97	2.91	2.97	3.06	3.15	3.05	3.11	3.21	3.31	3.17	3.23	3.33	3.44	3.27	3.34	3.44	3.55
		9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.8	14.3
		235	253	267	278	264	284	300	312	300	323	341	355	342	368	388	405	384	413	437	455	424	457	482	503
		106	112	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	148	158	132	141	154	164

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

EXPANDED COOLING DATA — GSZ130361A\* / AR\*F364216\*\* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	34.98	35.75	38.19	40.82	34.17	34.91	37.30	39.88	33.35	34.08	36.41	38.93	32.54	33.25	35.53	37.98	30.91	31.59	33.75	36.08	28.64	29.26	31.26	33.42
	S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
	ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	17	14	18	19	16	13
	kW	2.64	2.69	2.77	2.85	2.83	2.88	2.97	3.06	2.99	3.05	3.15	3.24	3.14	3.20	3.30	3.40	3.26	3.33	3.43	3.54	3.37	3.44	3.55	3.66
	Amps	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.1	12.7	13.0	13.5	14.0	13.5	13.8	14.3	14.8
	Hi PR	244	262	277	289	274	294	311	324	311	335	354	369	354	381	403	420	399	429	453	473	441	474	501	522
	Lo PR	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	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	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	20	20	17	14
	kW	2.63	2.68	2.76	2.84	2.81	2.87	2.95	3.04	2.98	3.04	3.13	3.23	3.12	3.19	3.28	3.39	3.24	3.31	3.41	3.52	3.35	3.42	3.53	3.64
	Amps	9.5	9.8	10.1	10.4	10.3	10.5	10.9	11.3	11.2	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.7	14.2	14.7
Hi PR	242	261	275	287	272	292	309	322	309	333	351	366	352	379	400	417	396	426	450	469	438	471	497	519	
Lo PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	169	
MBh	32.7	33.5	35.7	38.2	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	30.5	31.1	33.3	35.5	28.9	29.6	31.6	33.8	26.8	27.4	29.3	31.3	
S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	
kW	2.59	2.64	2.72	2.80	2.77	2.83	2.91	3.00	2.93	2.99	3.08	3.18	3.07	3.14	3.23	3.33	3.19	3.26	3.36	3.47	3.30	3.37	3.47	3.58	
Amps	9.4	9.6	9.9	10.3	10.1	10.3	10.7	11.1	11.0	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.1	13.6	13.2	13.5	13.9	14.4	
Hi PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	461	487	508	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165	

85	MBh	35.59	36.28	38.00	40.54	34.76	35.44	37.11	39.60	33.94	34.59	36.23	38.65	33.11	33.75	35.35	37.71	31.45	32.06	33.58	35.82	29.14	29.70	31.11	33.19
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
	ΔT	22	22	21	18	22	22	21	18	21	22	21	18	21	22	21	18	20	21	20	18	19	19	19	17
	kW	2.66	2.71	2.79	2.87	2.85	2.91	2.99	3.08	3.02	3.08	3.17	3.27	3.16	3.23	3.33	3.43	3.29	3.36	3.46	3.57	3.39	3.47	3.57	3.69
	Amps	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.6	14.1	13.6	13.9	14.4	14.9
	Hi PR	246	265	280	292	276	297	314	328	314	338	357	373	358	385	407	424	403	433	458	477	445	479	506	527
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	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	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	23	23	22	19	24	23	22	19	24	23	22	19	24	24	22	19	22	23	22	19	21	21	20	18
	kW	2.65	2.70	2.78	2.86	2.83	2.89	2.98	3.07	3.00	3.06	3.15	3.25	3.15	3.21	3.31	3.41	3.27	3.34	3.44	3.55	3.38	3.45	3.56	3.67
	Amps	9.6	9.9	10.2	10.5	10.4	10.6	11.0	11.4	11.3	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.0	13.5	13.8	14.3	14.8
Hi PR	245	263	278	290	274	295	312	325	312	336	355	370	356	383	404	421	400	430	455	474	442	476	502	524	
Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
MBh	33.3	34.0	35.6	37.9	32.5	33.2	34.7	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.3	29.4	30.0	31.4	33.5	27.3	27.8	29.1	31.1	
S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72	
ΔT	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18	
kW	2.61	2.66	2.74	2.82	2.79	2.85	2.93	3.02	2.95	3.01	3.10	3.20	3.10	3.16	3.26	3.36	3.22	3.28	3.39	3.49	3.32	3.39	3.50	3.61	
Amps	9.5	9.7	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	12.9	12.5	12.8	13.3	13.8	13.3	13.6	14.0	14.6	
Hi PR	240	258	272	284	269	289	306	319	306	329	348	363	348	375	396	413	392	422	445	465	433	466	492	513	
Lo PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	143	157	167	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI Rating Conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions!

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

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		Entering Indoor Wet Bulb Temperature																							
		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	-
		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	-
		18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
<b>1425</b>		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	-
	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	-
	Hi PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	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	-
	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	-
	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	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
<b>70</b>		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	-
	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	-
	Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	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	-
	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	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	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	-
	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	-
	Hi PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-
	Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	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
	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
	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
<b>1425</b>		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
	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
	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
	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	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
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
<b>75</b>		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
	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
	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
	Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
	MBh	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
	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
	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
	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	3.71	3.83	3.64	3.71	3.84	3.96
	Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	12.9	13.4	13.9	13.4	13.8	14.3	14.8	14.3	14.6	15.1	15.7
	Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	371	392	409	381	410	433	452
	Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions kW = Total system power Amps = Outdoor unit amps (comp. -fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

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

IDB	Airflow	Outdoor Ambient Temperature																																				
		65°F						75°F						85°F						95°F						105°F						115°F						
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	
Entering Indoor Wet Bulb Temperature																																						
80	1425	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	31.00	31.73	33.98	36.51	28.50	29.13	31.28	33.71	26.10	26.63	28.68	31.01
		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	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60				
		ΔT	23	22	19	15	23	22	19	16	24	22	19	16	23	23	20	16	22	22	19	15	20	21	18	14	17	17	14	10	14	14	11	7				
		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	3.90	3.98	4.13	4.28	4.00	4.08	4.24	4.40				
		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	15.5	15.9	16.5	17.1	16.0	16.4	17.0	17.7				
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	415	448	473	493	445	480	505	525				
	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	141	150	163	174	149	159	171	183					
	MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.9	38.1	30.1	30.8	32.9	35.2	27.7	28.3	30.3	32.7					
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58					
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	22	22	19	15	22	22	19	15					
	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	3.87	3.95	4.08	4.22	3.96	4.04	4.18	4.33					
	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	15.3	15.7	16.3	17.0	16.0	16.4	17.0	17.7					
Hi PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	411	441	465	485	441	471	495	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	141	150	163	174	149	159	171	183						
MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2	27.7	28.3	30.3	32.7	27.7	28.3	30.3	32.7						
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58						
ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15	23	22	19	15	23	22	19	15						
KW	2.84	2.90	2.99	3.08	3.06	3.12	3.22	3.32	3.24	3.31	3.41	3.52	3.41	3.48	3.59	3.71	3.55	3.62	3.74	3.86	3.67	3.75	3.87	3.99	3.78	3.86	3.99	4.12	3.87	3.95	4.08	4.22						
Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.1	13.5	14.0	13.6	13.9	14.4	15.0	14.4	14.8	15.3	15.9	15.1	15.5	16.0	16.7	15.6	16.0	16.5	17.1						
Hi PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456	405	434	458	477	434	463	487	506						
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	139	148	160	171	147	156	168	179						
85	1425	MBh	41.79	42.60	44.62	47.60	40.82	41.61	43.58	46.50	39.85	40.62	42.54	45.39	38.88	39.63	41.51	44.28	36.93	37.65	39.43	42.07	34.21	34.88	36.53	38.97	31.50	32.17	34.13	36.57	29.00	29.53	31.39	33.73				
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79				
		ΔT	25	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	19	20	20	18	14	18	18	16	12				
		KW	2.96	3.02	3.11	3.21	3.18	3.25	3.35	3.45	3.37	3.45	3.56	3.67	3.55	3.62	3.74	3.86	3.69	3.77	3.90	4.03	3.82	3.90	4.03	4.17	3.93	4.01	4.14	4.28	4.04	4.12	4.26	4.41				
		Amps	10.5	10.8	11.2	11.6	11.4	11.7	12.1	12.6	12.5	12.8	13.2	13.7	13.4	13.7	14.2	14.7	14.2	14.6	15.1	15.7	15.1	15.5	16.0	16.7	15.6	16.0	16.5	17.1	16.1	16.5	17.0	17.7				
		Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	434	405	436	460	480	419	450	474	494	449	480	504	524				
	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	145	154	167	178	153	162	175	186					
	MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8	30.5	31.2	33.0	35.3	28.0	28.6	30.3	32.6					
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	0.98	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75					
	ΔT	26	25	24	21	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	23	23	22	23	23	22	20	23	23	22	20					
	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	3.90	3.98	4.11	4.24	4.01	4.09	4.22	4.35					
	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	15.5	15.9	16.4	17.0	16.0	16.4	16.9	17.5					
Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	415	448	473	493	445	480	505	525						
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	141	150	163	174	149	159	171	183						
MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9	28.2	28.8	30.3	32.5	25.7	26.2	27.7	30.0						
S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72						
ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	27	26	24	21	24	24	23	20	24	24	23	20	24	24	23	20						
KW	2.87	2.93	3.01	3.11	3.08	3.14	3.24	3.34	3.27	3.34	3.44	3.55	3.43	3.51	3.62	3.74	3.57	3.65	3.77	3.89	3.70	3.78	3.90	4.03	3.81	3.89	4.01	4.14	3.92	4.00	4.12	4.25						
Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.9	13.2	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0	15.0	15.4	15.9											



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

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	1600	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	-	
		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	-	
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-	
	1400	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	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	-	
		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	-	
	75	1800	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	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	-
			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	-
1600		Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	
		Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	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	-	
1400		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
		KW	3.24	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	-	
70		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	-
			Hi PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-
			Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-
	1600	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88	
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	16	11	19	17	14	10	
	1400	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	3.96	4.03	4.15	4.27	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	
	75	1800	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
			MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
			S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
1600		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
		KW	3.33	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	
		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	
1400		Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501	
		Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	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	
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	
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10	
		KW	3.26	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	
70	Amps	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.8		
	Hi PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486		
	Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Amps = Outdoor unit amps (comp. + fan)  
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions



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

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	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	22	23	19	15	22	23	19	15	21	22	19	15	20	20	18	14	
	1600	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	
	1400	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	
	85	1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26
			S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
			ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18
1600		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	
1400		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	
85		1800	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
			S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
			ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19
	1600	KW	3.38	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	
	1400	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	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	
	85	1800	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
			S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
			ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19
1600		KW	3.38	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	
1400		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	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	

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	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	22	23	19	15	22	23	19	15	21	22	19	15	20	20	18	14	
	1600	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	
	1400	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	
	85	1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26
			S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
			ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18
1600		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													

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

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
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	-	
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	
	1800	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	-	
		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	-	
		Hi PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-	
	1575	Lo PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	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	-	
		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	-	
	75	2025	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
			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	-
			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	-
1800		Hi PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-	
		Lo PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-	
		MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-	
1575		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	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	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	-	
75		2025	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	-
			Hi PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-
			Lo PR	98	104	114	-	103	110	120	-	108	114	125	-	113	120	131	-	118	126	137	-	122	130	142	-
1800	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	54.40	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62		
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43		
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11		
1575	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		
	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	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486		
75	1800	Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	
		MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
1575	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11		
	kW	4.11	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		
	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		
75	1800	Hi PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481	
		Lo PR	102	108	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158	
		MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.75	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
1575	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11		
	kW	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		
75	1575	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	
		Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
		Lo PR	99	105	115	122	105	111	121	129	109	116	126	134	114	121	133	141	120	127	139	148	124	132	144	153	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) Conditions kW = Total system power Amps = Outdoor unit amps (comp. + fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

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

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
<b>2025</b>	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
	DT	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
	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
	DT	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
	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	
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	
DT	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	
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	140	149	125	133	145	155	
<b>2025</b>	MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	DT	26	26	24	21	26	26	25	21	25	25	25	21	25	25	25	21	24	24	25	21	22	22	23	20
	kW	4.20	4.28	4.41	4.54	4.50	4.59	4.73	4.87	4.77	4.86	5.01	5.17	5.00	5.10	5.26	5.43	5.20	5.31	5.47	5.65	5.37	5.48	5.66	5.84
	Amps	14.9	15.3	15.8	16.4	16.1	16.5	17.1	17.7	17.5	18.0	18.6	19.3	18.8	19.2	19.9	20.7	20.0	20.5	21.2	22.0	21.2	21.7	22.5	23.4
	Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
	Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	DT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	26	22	24	24	24	21
	kW	4.17	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	
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	
DT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21	
kW	4.08	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	5.66	
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      Shaded area is ARI Rating Conditions      kW = Total system power      Amps = Outdoor unit amps (comp. + fan)  
 High and low pressures are measured at the liquid and suction service valves.      Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 °F test conditions

## 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	<b>17.0</b>	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	<b>1.6</b>	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

### GSZ130241A\* / AR\*F182416\*\*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	27.7	26.2	24.6	23.0	<b>22.0</b>	21.3	19.8	18.3	15.0	13.8	12.7	12.0	11.6	10.4	9.2	8.0	6.8	5.6
ΔT	31.2	29.6	27.8	26.0	24.8	24.1	22.4	20.6	16.9	15.6	14.3	13.6	13.0	11.7	10.4	9.1	7.7	6.3
kW	2.09	2.05	2.01	1.97	<b>1.95</b>	1.93	1.89	1.85	1.76	1.73	1.69	1.66	1.65	1.61	1.57	1.53	1.49	1.46
Amps	9.6	8.9	8.3	7.8	7.6	7.4	7.0	6.6	6.4	6.1	5.8	5.7	5.6	5.3	4.9	4.7	4.3	3.9
COP	3.87	3.73	3.58	3.42	3.30	3.23	3.06	2.89	2.48	2.34	2.20	2.11	2.05	1.89	1.71	1.53	1.34	1.13
EER	13.2	12.8	12.2	11.7	11.3	11.0	10.5	9.9	8.5	8.0	7.5	7.2	7.0	6.4	5.9	5.2	4.6	3.9
Hi PR	261	250	240	230	224	220	212	203	195	186	178	174	171	164	158	152	146	141
Lo PR	80	74	70	64	61	58	54	48	43	38	34	31	30	26	22	19	16	13

### 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	<b>26.4</b>	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	<b>2.35</b>	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

### GSZ130361A\* / AR\*F364216\*\*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	<b>34.0</b>	32.9	30.6	28.2	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	31.0	29.4	27.7	25.9	24.7	23.9	22.2	20.5	14.5	13.4	12.3	11.6	11.2	10.0	8.9	7.8	6.6	5.4
kW	3.07	3.01	2.96	2.90	<b>2.87</b>	2.85	2.79	2.74	2.82	2.76	2.70	2.67	2.64	2.58	2.52	2.46	2.40	2.35
Amps	14.2	13.2	12.3	11.6	11.2	11.0	10.4	9.9	9.4	9.0	8.6	8.4	8.3	7.9	7.4	7.0	6.5	5.8
COP	4.07	3.93	3.77	3.59	3.47	3.39	3.21	3.02	2.07	1.95	1.84	1.76	1.71	1.57	1.42	1.27	1.11	0.93
EER	13.9	13.4	12.9	12.3	11.8	11.6	11.0	10.3	7.1	6.7	6.3	6.0	5.8	5.4	4.9	4.3	3.8	3.2
Hi PR	372	356	343	328	320	314	302	290	277	265	254	248	244	235	226	216	209	201
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

## 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	3.35	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).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

Calculations are based on nominal CFM and 70 °F indoor dry bulb.



PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0181A*	ACNF24XX16A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	3001445
	ADPF182416A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	1365530
	ADPF182416B*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	1443952
	AEPF183016A*		17,800	13,200	14.00	11.50	16,500	13,000	17,000	8.00	10,000	1365529
	AEPF183016B*		17,800	13,200	14.00	11.50	16,500	13,000	17,000	8.00	10,000	1487025
	AR*F182416A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	1365524
	AR*F182416B*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	1443970
	ASPF183016A*		17,800	13,200	14.00	11.50	16,500	13,000	17,000	8.00	10,000	1365525
	ASPF183016B*		17,800	13,200	14.00	11.50	16,500	13,000	17,000	8.00	10,000	1492606
	AT*F182416A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	1483564
	AWUF18XX16A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	3001446
	AWUF24XX16A*		17,400	12,900	13.00	11.00	16,100	12,700	17,000	8.00	10,000	3001447
	CA*F1824*6A*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365528
	CA*F1824*6A*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365519
	CA*F1824*6A*	G*V90704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1365520
	CA*F1824*6A*	G*V950453B**	17,400	12,900	13.50	11.50	16,100	12,700	17,000	8.00	10,000	1365521
	CA*F1824*6A*	G*V950704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1365522
	CA*F1824*6A*+EEP		17,400	12,900	13.00	11.50	16,100	12,700	17,000	7.80	10,000	1365523
	CA*F1824*6A*+MBE1200**-1		17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365496
	CA*F1824*6B*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365527
	CA*F1824*6B*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365526
	CA*F1824*6B*	G*V90704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1365518
	CA*F1824*6B*	G*V950453B**	17,400	12,900	13.50	11.50	16,100	12,700	17,000	8.00	10,000	1365516
	CA*F1824*6B*	G*V950704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1365517
	CA*F1824*6B*+EEP		17,400	12,900	13.00	11.50	16,100	12,700	17,000	7.80	10,000	1365515
	CA*F1824*6B*+MBE1200**-1		17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365495
	CHPF1824A6A*+EEP		17,400	12,900	13.00	11.50	16,100	12,700	17,000	7.80	10,000	1365512
	CHPF1824A6B*+EEP		17,400	12,900	13.00	11.50	16,100	12,700	17,000	7.80	10,000	1365513
	CHPF2430B6A*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365514
	CHPF2430B6A*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365511
	CHPF2430B6A*	G*V950453B**	17,400	12,900	13.50	11.30	16,100	12,700	17,000	8.00	10,000	1365508
	CHPF2430B6B*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365509
	CHPF2430B6B*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365510
	CHPF2430B6B*	G*V950453B**	17,400	12,900	13.50	11.30	16,100	12,700	17,000	8.00	10,000	1365504
	CSCF1824N6A*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365505
	CSCF1824N6A*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365506
	CSCF1824N6A*	G*V90704C**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365507
	CSCF1824N6A*	G*V950453B**	17,400	12,900	13.50	11.30	16,100	12,700	17,000	8.00	10,000	1365503
	CSCF1824N6A*+EEP		17,400	12,900	13.00	11.00	16,100	12,700	17,000	7.80	10,000	1365501
	CSCF1824N6B*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365502
	CSCF1824N6B*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365500
	CSCF1824N6B*	G*V90704C**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1365497
CSCF1824N6B*	G*V950453B**	17,400	12,900	13.50	11.30	16,100	12,700	17,000	8.00	10,000	1365498	
CSCF1824N6B*+EEP		17,400	12,900	13.00	11.00	16,100	12,700	17,000	7.80	10,000	1365499	
CT*F1824*6A*	G*E80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1450029	
CT*F1824*6A*	G*V80704B**	17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1450030	
CT*F1824*6A*	G*V90704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1450031	
CT*F1824*6A*	G*V950453B**	17,400	12,900	13.50	11.50	16,100	12,700	17,000	8.00	10,000	1450032	
CT*F1824*6A*	G*V950704C**	17,400	12,900	13.50	11.00	16,100	12,700	17,000	8.00	10,000	1450033	
CT*F1824*6A*+EEP		17,400	12,900	13.00	11.50	16,100	12,700	17,000	7.80	10,000	1450034	
CT*F1824*6A*+MBE1200**-1		17,400	12,900	14.00	11.50	16,100	12,700	17,000	8.00	10,000	1450035	

See Notes on Page 22.



PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0241A*	ACNF24XX16A*		22,600	16,700	13.00	11.00	20,900	16,500	23,000	8.00	13,400	3001448
	ADPF182416A*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365687
	ADPF182416B*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1443953
	AEPF183016A*		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365688
	AEPF183016B*		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1487026
	AR*F182416A*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365682
	AR*F182416B*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1443971
	ASPF183016A*		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365683
	ASPF183016B*		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1492607
	AT*F182416A*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1483565
	AWUF24XX16A*		22,600	16,700	13.00	11.00	20,900	16,500	23,000	8.00	13,400	3001449
	AWUF30XX16A*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	3001450
	AWUF36XX16A*		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	3001513
	CA*F1824*6A*	G*E80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365684
	CA*F1824*6A*	G*V80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365686
	CA*F1824*6A*	G*V90704C**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365685
	CA*F1824*6A*	G*V95453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365681
	CA*F1824*6A*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365680
	CA*F1824*6A*+MBE1200**-1		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365542
	CA*F1824*6B*	G*E80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365679
	CA*F1824*6B*	G*V80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365675
	CA*F1824*6B*	G*V90704C**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365676
	CA*F1824*6B*	G*V95453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365677
	CA*F1824*6B*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365678
	CA*F1824*6B*+MBE1200**-1		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365541
	CHPF1824A6A*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365672
	CHPF1824A6B*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365674
	CHPF2430B6A*	G*E80704B**	23,000	17,000	14.00	12.20	21,300	16,800	23,000	8.20	13,400	1365673
	CHPF2430B6A*	G*V80704B**	23,000	17,000	14.00	12.20	21,300	16,800	23,000	8.20	13,400	1365670
	CHPF2430B6A*	G*V950453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365671
	CHPF2430B6A*+MBE1200**-1		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365540
	CHPF2430B6B*	G*E80704B**	23,000	17,000	14.00	12.20	21,300	16,800	23,000	8.20	13,400	1365669
	CHPF2430B6B*	G*V80704B**	23,000	17,000	14.00	12.20	21,300	16,800	23,000	8.20	13,400	1365666
	CHPF2430B6B*	G*V950453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365667
	CHPF2430B6B*+MBE1200**-1A*		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365664
	CSCF1824N6A*	G*E80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365665
	CSCF1824N6A*	G*V80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365668
	CSCF1824N6A*	G*V90704C**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365661
	CSCF1824N6A*	G*V950453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365662
	CSCF1824N6A*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365663
	CSCF1824N6B*	G*E80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365659
	CSCF1824N6B*	G*V80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1365660
	CSCF1824N6B*	G*V90704C**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365658
	CSCF1824N6B*	G*V950453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1365655
	CSCF1824N6B*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1365656
CT*F1824*6A*	G*E80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1450036	
CT*F1824*6A*	G*V80704B**	23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1450037	
CT*F1824*6A*	G*V90704C**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1450038	
CT*F1824*6A*	G*V950453B**	23,000	17,000	13.50	11.30	21,300	16,800	23,000	8.00	13,400	1450039	
CT*F1824*6A*+EEP		23,000	17,000	13.00	11.00	21,300	16,800	23,000	8.00	13,400	1450040	
CT*F1824*6A*+MBE1200**-1		23,000	17,000	14.00	11.50	21,300	16,800	23,000	8.20	13,400	1450041	

See Notes on Page 22.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0301A*	ACNF30XX16A*		27,000	20,500	13.00	11.00	25,000	20,300	25,800	8.00	14,000	3001452
	ADPF304216A*		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365657
	ADPF304216B*		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1492608
	AEPF183016A*		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365652
	AEPF183016B*		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1487027
	AR*F182416A*+TXV		26,800	20,400	13.00	11.00	24,800	20,100	26,400	8.20	16,000	1464052
	AR*F182416B*+TXV		26,800	20,400	13.00	11.00	24,800	20,100	26,400	8.20	16,000	1486999
	AR*F303016A*		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365653
	AR*F303016B*		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1492609
	ASPF183016A*		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365654
	ASPF183016B*		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1492610
	AT*F182416A*+TXV		26,800	20,400	13.00	11.00	24,800	20,100	26,400	8.20	16,000	1483566
	AT*F303016A*		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1483549
	AWUF30XX16A*		27,400	20,800	13.00	11.00	25,300	20,500	25,600	8.00	14,400	3001453
	AWUF36XX16A*		28,000	21,300	13.00	11.00	25,900	21,000	25,600	8.00	14,400	3001454
	AWUF37XX16A*		28,000	21,300	13.00	11.00	25,900	21,000	25,800	8.00	14,000	3001455
	CA*F3131*6A*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365544
	CA*F3131*6A*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365546
	CA*F3131*6A*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365545
	CA*F3131*6A*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365649
	CA*F3131*6A*	G*V950704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365650
	CA*F3131*6A*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365651
	CA*F3131*6A*+MBE1200**-1		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365539
	CA*F3131*6B*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365647
	CA*F3131*6B*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365648
	CA*F3131*6B*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365646
	CA*F3131*6B*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365644
	CA*F3131*6B*	G*V950704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365645
	CA*F3131*6B*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365643
	CA*F3131*6B*+MBE1200**-1		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365538
	CHPF2430B6A*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365640
	CHPF2430B6A*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365641
CHPF2430B6A*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365642	
CHPF2430B6A*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365639	
CHPF2430B6A*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365638	
CHPF2430B6A*+MBE1200**-1		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365537	
CHPF2430B6B*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365637	
CHPF2430B6B*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365632	
CHPF2430B6B*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365633	
CHPF2430B6B*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365634	
CHPF2430B6B*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365635	
CHPF2430B6B*+MBE1200**-1A*		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365636	
CSCF3036N6A*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365631	

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80 °F/67 °F/95 °F

<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

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

<sup>4</sup> HSPF = Heating Seasonal Performance Factor

Notes:

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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0301A* (cont.)	CSCF3036N6A*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365629
	CSCF3036N6A*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365630
	CSCF3036N6A*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365626
	CSCF3036N6A*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365627
	CSCF3036N6B*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365628
	CSCF3036N6B*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1365624
	CSCF3036N6B*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365625
	CSCF3036N6B*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1365623
	CSCF3036N6B*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1365622
	CT*F3131*6A*	G*E80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1450042
	CT*F3131*6A*	G*V80704B**	28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1450043
	CT*F3131*6A*	G*V90704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1450044
	CT*F3131*6A*	G*V950453B**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1450045
	CT*F3131*6A*	G*V950704C**	28,400	21,600	13.50	11.30	26,300	21,300	26,400	8.00	16,000	1450046
	CT*F3131*6A*+EEP		28,400	21,600	13.00	11.00	26,300	21,300	26,400	8.00	16,000	1450047
	CT*F3131*6A*+MBE1200**-1		28,400	21,600	14.00	11.50	26,300	21,300	26,400	8.20	16,000	1450048
GSZ13 0361A*	ADPF304216A*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1381446
	ADPF304216B*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1492611
	AEPF303616A*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381447
	AEPF303616B*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1487028
	AEPF303616C*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1443957
	AR*F363616A*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1381448
	AR*F363616B*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1492612
	AR*F364216A*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1381449
	AR*F364216B*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1443976
	ASPF303616A*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381450
	ASPF303616B*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1443984
	AT*F363616A*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1483550
	AT*F364216A*		35,000	25,900	13.00	11.00	32,400	25,600	34,000	8.00	20,000	1483567
	AWUF37XX16A*		34,000	25,200	13.00	11.00	31,500	24,900	34,000	8.00	17,000	3001456
	CA*F3642*6A*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381451
	CA*F3642*6A*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381452
	CA*F3642*6A*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381453
	CA*F3642*6A*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381454
	CA*F3642*6A*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381455
	CA*F3642*6A*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381456
	CA*F3642*6A*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381457
	CA*F3642*6A*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381458
	CA*F3642*6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381459
	CA*F3642*6A*+MBE1600**-1		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1365536
	CA*F3642*6B*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381460
	CA*F3642*6B*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381461
	CA*F3642*6B*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381462
	CA*F3642*6B*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381463
	CA*F3642*6B*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381464
	CA*F3642*6B*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381465
	CA*F3642*6B*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381466
	CA*F3642*6B*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381467
	CA*F3642*6B*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381468
CA*F3642*6B*+MBE1600**-1		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1365535	
CHPF3636B6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381469	

See Notes on Page 22.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0361A* (cont.)	CHPF3636B6B*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381470
	CHPF3642C6A*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381471
	CHPF3642C6A*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381472
	CHPF3642C6A*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381473
	CHPF3642C6A*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381474
	CHPF3642C6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381475
	CHPF3642C6A*+MBE1600**-1		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.00	20,000	1365534
	CHPF3642C6B*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381476
	CHPF3642C6B*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381477
	CHPF3642C6B*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381478
	CHPF3642C6B*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381479
	CHPF3642C6B*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381480
	CHPF3642C6B*+MBE1600**-1A*		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.00	20,000	1381481
	CHPF3642D6A*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381482
	CHPF3642D6A*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381483
	CHPF3642D6A*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381484
	CHPF3642D6A*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381485
	CHPF3642D6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381486
	CHPF3642D6B*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381487
	CHPF3642D6B*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381488
	CHPF3642D6B*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381489
	CHPF3642D6B*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381490
	CHPF3642D6B*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381491
	CSCF3642N6A*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381492
	CSCF3642N6A*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381493
	CSCF3642N6A*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381494
	CSCF3642N6A*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381495
	CSCF3642N6A*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381496
	CSCF3642N6A*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381497
	CSCF3642N6A*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381498
	CSCF3642N6A*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381499
	CSCF3642N6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381500
	CSCF3642N6C*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381501
	CSCF3642N6C*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381502
	CSCF3642N6C*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381503
	CSCF3642N6C*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381504
	CSCF3642N6C*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381505
	CSCF3642N6C*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1381506
	CSCF3642N6C*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381507
	CSCF3642N6C*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1381508
CSCF3642N6C*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1381509	
CT*F3642*6A*	G*E80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450049	
CT*F3642*6A*	G*E81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450050	
CT*F3642*6A*	G*V80905C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450051	
CT*F3642*6A*	G*V81155C**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450052	
CT*F3642*6A*	G*V90905D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450053	
CT*F3642*6A*	G*V91155D**	35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450054	
CT*F3642*6A*	G*V950905D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1450055	
CT*F3642*6A*	G*V951155D**	35,000	25,900	13.50	11.30	32,400	25,600	34,000	8.00	20,000	1450056	
CT*F3642*6A*+EEP		35,000	25,900	13.00	11.00	32,400	25,600	34,000	7.80	20,000	1450057	
CT*F3642*6A*+MBE1600**-1		35,000	25,900	14.00	11.50	32,400	25,600	34,000	8.20	20,000	1450058	

See Notes on Page 22.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0421A*	ADPF304216A*		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365620
	ADPF304216B*		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1492613
	AEPF426016A*		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365621
	AEPF426016B*		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1487029
	AR*F364216A*		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365617
	AR*F364216B*		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1443977
	ASPF426016A*		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365618
	ASPF426016B*		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1492614
	AT*F364216A*		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1483568
	CA*F3642*6A*+EEP		40,000	29,600	13.00	11.00	37,000	29,200	40,000	8.00	24,000	1365619
	CA*F3642*6B*+EEP		40,000	29,600	13.00	11.00	37,000	29,200	40,000	8.00	24,000	1365615
	CA*F4860*6A*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365616
	CA*F4860*6A*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365614
	CA*F4860*6A*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365612
	CA*F4860*6A*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365613
	CA*F4860*6A*	G*V90905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365611
	CA*F4860*6A*	G*V91155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365608
	CA*F4860*6A*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365609
	CA*F4860*6A*	G*V95905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365610
	CA*F4860*6A*+MBE1600**-1		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365533
	CA*F4860*6B*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365607
	CA*F4860*6B*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365605
	CA*F4860*6B*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365606
	CA*F4860*6B*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365600
	CA*F4860*6B*	G*V90905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365601
	CA*F4860*6B*	G*V91155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365602
	CA*F4860*6B*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365603
	CA*F4860*6B*	G*V95905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365604
	CHPF3642C6A*+EEP		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365599
	CHPF3642C6B*+EEP		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365597
	CHPF3642D6A*+EEP		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365598
	CHPF3642D6B*+EEP		40,500	30,000	13.00	11.00	37,500	29,600	40,000	8.00	24,000	1365594
	CHPF4860D6A*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365595
	CHPF4860D6A*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365596
	CHPF4860D6A*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365592
	CHPF4860D6A*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365593
	CHPF4860D6A*	G*V90905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365591
	CHPF4860D6A*	G*V91155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365589
	CHPF4860D6A*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365590
	CHPF4860D6A*	G*V95905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365588
	CHPF4860D6A*+MBE1600**-1		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365532
	CHPF4860D6C*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365586
CHPF4860D6C*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365587	
CHPF4860D6C*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365584	
CHPF4860D6C*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365585	
CHPF4860D6C*	G*V90905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365583	
CHPF4860D6C*	G*V91155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365581	
CHPF4860D6C*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365582	

See Notes on Page 22.



PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0421A* (onct.)	CHPF4860D6C*	G*V95905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365580
	CHPF4860D6C*+MBE1600**-1		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365531
	CSCF3642N6A*+EEP		40,000	29,600	13.00	11.00	37,000	29,200	40,000	8.00	24,000	1365579
	CSCF3642N6C*+EEP		40,000	29,600	13.00	11.00	37,000	29,200	40,000	8.00	24,000	1365578
	CSCF4860N6A*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365576
	CSCF4860N6A*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365577
	CSCF4860N6A*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365573
	CSCF4860N6A*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365574
	CSCF4860N6A*	G*V90115D**	41,000	30,300	14.00	11.30	37,900	29,900	40,500	8.00	24,000	1365575
	CSCF4860N6A*	G*V90905D**	41,000	30,300	14.00	11.30	37,900	29,900	40,500	8.00	24,000	1365571
	CSCF4860N6A*	G*V950905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365572
	CSCF4860N6A*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365570
	CSCF4860N6C*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365568
	CSCF4860N6C*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365569
	CSCF4860N6C*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365565
	CSCF4860N6C*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1365566
	CSCF4860N6C*	G*V90115D**	41,000	30,300	14.00	11.30	37,900	29,900	40,500	8.00	24,000	1365567
	CSCF4860N6C*	G*V90905D**	41,000	30,300	14.00	11.30	37,900	29,900	40,500	8.00	24,000	1365564
	CSCF4860N6C*	G*V950905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365561
	CSCF4860N6C*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1365562
	CT*F3642*6A*+EEP		40,000	29,600	13.00	11.00	37,000	29,200	40,000	8.00	24,000	1450059
	CT*F4860*6A*	G*E80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1450060
	CT*F4860*6A*	G*E81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1450061
	CT*F4860*6A*	G*V80905C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1450062
	CT*F4860*6A*	G*V81155C**	41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1450063
	CT*F4860*6A*	G*V90905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1450064
	CT*F4860*6A*	G*V91155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1450065
CT*F4860*6A*	G*V950905D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1450066	
CT*F4860*6A*	G*V951155D**	41,000	30,300	13.50	11.30	37,900	29,900	40,500	8.00	24,000	1450067	
CT*F4860*6A*+MBE1600**-1		41,000	30,300	14.00	11.50	37,900	29,900	40,500	8.20	24,000	1450068	
GSZ13 0481A*	ADPF486016A*		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1365563
	ADPF486016B*		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1492615
	AEPF426016A*+TXV		46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365770
	AEPF426016B*+TXV		46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1487030
	AR*F486016A*		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1365560
	AR*F486016B*		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1492616
	ASPF426016A*+TXV		46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1381745
	ASPF426016B*+TXV		46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1492617
	AT*F486016A*		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1483551
	CA*F4860*6A*+EEP		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1365559
	CA*F4860*6A*+MBE2000**-1	TXV	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1381746
	CA*F4860*6A*+TXV	G*E80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365769
	CA*F4860*6A*+TXV	G*E81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365768
	CA*F4860*6A*+TXV	G*V80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365766
	CA*F4860*6A*+TXV	G*V81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365767
	CA*F4860*6A*+TXV	G*V90115D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365765
	CA*F4860*6A*+TXV	G*V90905D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365764

See Notes on Page 29.



PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0481A* (cont.)	CA*F4860*6A*+TXV	G*V950905D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365762
	CA*F4860*6A*+TXV	G*V951155D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365763
	CA*F4860*6B*+EEP		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1365558
	CA*F4860*6B*+MBE2000**-1	TXV	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1381747
	CA*F4860*6B*+TXV	G*E80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365761
	CA*F4860*6B*+TXV	G*E81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365759
	CA*F4860*6B*+TXV	G*V80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365760
	CA*F4860*6B*+TXV	G*V81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365758
	CA*F4860*6B*+TXV	G*V90115D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365755
	CA*F4860*6B*+TXV	G*V90905D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365756
	CA*F4860*6B*+TXV	G*V950905D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365757
	CA*F4860*6B*+TXV	G*V951155D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365754
	CHPF4860D6A*+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.30	27,000	1365557
	CHPF4860D6A*+MBE2000**-1A*	TXV	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1381748
	CHPF4860D6A*+TXV	G*E80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365753
	CHPF4860D6A*+TXV	G*E81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365751
	CHPF4860D6A*+TXV	G*V80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365752
	CHPF4860D6A*+TXV	G*V81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365749
	CHPF4860D6A*+TXV	G*V90115D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365750
	CHPF4860D6A*+TXV	G*V90905D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365748
	CHPF4860D6A*+TXV	G*V950905D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365746
	CHPF4860D6A*+TXV	G*V951155D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365747
	CHPF4860D6C*+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.30	27,000	1365556
	CHPF4860D6C*+MBE2000**-1A*	TXV	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1381510
	CHPF4860D6C*+TXV	G*E80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365745
	CHPF4860D6C*+TXV	G*E81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365742
	CHPF4860D6C*+TXV	G*V80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365743
	CHPF4860D6C*+TXV	G*V81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365744
	CHPF4860D6C*+TXV	G*V90115D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365741
	CHPF4860D6C*+TXV	G*V90905D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1365739
	CHPF4860D6C*+TXV	G*V950905D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365740
	CHPF4860D6C*+TXV	G*V951155D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1365738
	CSCF4860N6A*+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.30	27,000	1365555
	CSCF4860N6A*+TXV	G*E80905C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365737
	CSCF4860N6A*+TXV	G*E81155C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365736
	CSCF4860N6A*+TXV	G*V80905C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365734
	CSCF4860N6A*+TXV	G*V81155C**	46,000	35,000	14.00	11.00	42,600	34,500	44,000	8.20	27,000	1365735
	CSCF4860N6A*+TXV	G*V90115D**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365731
	CSCF4860N6A*+TXV	G*V90905D**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365732
	CSCF4860N6A*+TXV	G*V950905D**	46,000	35,000	13.50	11.30	42,600	34,500	44,000	8.30	27,000	1365733
	CSCF4860N6A*+TXV	G*V951155D*	46,000	35,000	13.50	11.30	42,600	34,500	44,000	8.30	27,000	1365730
	CSCF4860N6C*+EEP		46,000	35,000	13.00	11.30	42,600	34,500	44,000	8.30	27,000	1365554
CSCF4860N6C*+TXV	G*E80905C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365729	
CSCF4860N6C*+TXV	G*E81155C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365728	
CSCF4860N6C*+TXV	G*V80905C**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365726	
CSCF4860N6C*+TXV	G*V81155C**	46,000	35,000	14.00	11.00	42,600	34,500	44,000	8.20	27,000	1365727	
CSCF4860N6C*+TXV	G*V90115D**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365725	

See Notes on Page 29.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0481A* (cont.)	CSCF4860N6C*+TXV	G*V90905D**	46,000	35,000	14.00	11.30	42,600	34,500	44,000	8.30	27,000	1365723
	CSCF4860N6C*+TXV	G*V950905D**	46,000	35,000	13.50	11.30	42,600	34,500	44,000	8.30	27,000	1365724
	CSCF4860N6C*+TXV	G*V951155D*	46,000	35,000	13.50	11.30	42,600	34,500	44,000	8.30	27,000	1365722
	CT*F4860*6A*+EEP		46,000	35,000	13.00	11.00	42,600	34,500	44,000	8.20	27,000	1450069
	CT*F4860*6A*+MBE2000**-1	TXV	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450070
	CT*F4860*6A*+TXV	G*E80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450071
	CT*F4860*6A*+TXV	G*E81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450072
	CT*F4860*6A*+TXV	G*V80905C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450073
	CT*F4860*6A*+TXV	G*V81155C**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450074
	CT*F4860*6A*+TXV	G*V90905D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450075
	CT*F4860*6A*+TXV	G*V91155D**	46,000	35,000	14.00	11.50	42,600	34,500	44,000	8.40	27,000	1450076
	CT*F4860*6A*+TXV	G*V950905D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1450077
	CT*F4860*6A*+TXV	G*V951155D**	46,000	35,000	13.50	11.50	42,600	34,500	44,000	8.40	27,000	1450078
GSZ13 0601A*	ADPF486016A*		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365553
	ADPF486016B*		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1492618
	AEPF426016A*+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.60	36,000	1365721
	AEPF426016B*+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.60	36,000	1487031
	AR*F486016A*		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365552
	AR*F486016B*		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1492619
	ASPF426016A*+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.60	36,000	1381749
	ASPF426016B*+TXV		57,000	42,800	13.50	11.20	52,700	42,200	58,000	8.60	36,000	1492620
	AT*F486016A*		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1483552
	CA*F4860*6A*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365551
	CA*F4860*6A*+MBE2000**-1	TXV	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.60	36,000	1381511
	CA*F4860*6A*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365719
	CA*F4860*6A*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365720
	CA*F4860*6A*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365718
	CA*F4860*6A*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365717
	CA*F4860*6B*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365550
	CA*F4860*6B*+MBE2000**-1	TXV	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.60	36,000	1381512
	CA*F4860*6B*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365716
	CA*F4860*6B*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365715
	CA*F4860*6B*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365714
	CA*F4860*6B*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365713
	CHPF4860D6A*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365549
	CHPF4860D6A*+MBE2000**-1A*	TXV	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.60	36,000	1381750
	CHPF4860D6A*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365712
	CHPF4860D6A*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365711
	CHPF4860D6A*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365710
	CHPF4860D6A*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365709
	CHPF4860D6C*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365548
CHPF4860D6C*+MBE2000**-1A*	TXV	57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.60	36,000	1381513	
CHPF4860D6C*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365708	
CHPF4860D6C*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365707	

See Notes on Page 29.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling (BTU/h)				TVA Ratings <sup>3</sup>		Heating (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER <sup>1</sup>	EER <sup>2</sup>	Total	Sens.	High	HSPF <sup>4</sup>	Low	
GSZ13 0601A* (cont.)	CHPF4860D6C*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365706
	CHPF4860D6C*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365705
	CSCF4860N6A*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365547
	CSCF4860N6A*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365703
	CSCF4860N6A*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365704
	CSCF4860N6A*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365702
	CSCF4860N6A*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365700
	CSCF4860N6A*+TXV	G*V90115D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365701
	CSCF4860N6A*+TXV	G*V90905D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365698
	CSCF4860N6A*+TXV	G*V950905D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365699
	CSCF4860N6A*+TXV	G*V951155D*	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365697
	CSCF4860N6C*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1365543
	CSCF4860N6C*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365695
	CSCF4860N6C*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365696
	CSCF4860N6C*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365693
	CSCF4860N6C*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365694
	CSCF4860N6C*+TXV	G*V90115D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365692
	CSCF4860N6C*+TXV	G*V90905D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365690
	CSCF4860N6C*+TXV	G*V950905D**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365691
	CSCF4860N6C*+TXV	G*V951155D*	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1365689
CT*F4860*6A*+EEP		57,000	42,800	13.00	11.10	52,700	42,200	58,000	8.40	36,000	1450079	
CT*F4860*6A*+MBE2000**-1	TXV		57,000	42,800	13.50	11.30	52,700	42,200	58,000	8.60	36,000	1450080
CT*F4860*6A*+TXV	G*E80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1450081	
CT*F4860*6A*+TXV	G*E81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1450082	
CT*F4860*6A*+TXV	G*V80905C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1450083	
CT*F4860*6A*+TXV	G*V81155C**	57,000	42,800	13.30	11.20	52,700	42,200	58,000	8.40	36,000	1450084	

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80 °F/67 °F/95 °F

<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

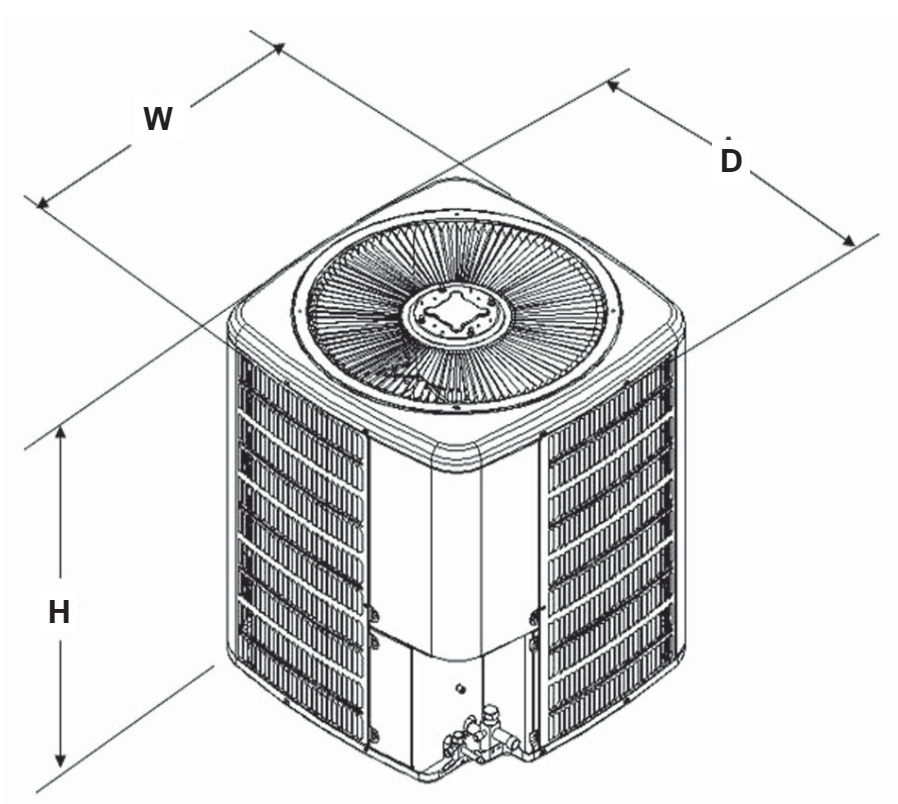
<sup>3</sup> TVA Rating: BTU/h @ 75°F/63°F - 95°F

<sup>4</sup> HSPF = Heating Seasonal Performance Factor

**Notes**

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

**DIMENSIONS**



Model	Dimensions		
	W"	D"	H"
GSZ130181A*	26	26	32¼
GSZ130241A*	26	26	32¼
GSZ130301A*	26	26	32¼
GSZ130361A*	29	29	38¼
GSZ130421A*	29	29	38¼
GSZ130481A*	29	29	34¼
GSZ130601A*	35½	35½	34¼

## 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 ▼	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 <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X	X	X
OT18-60A <sup>2</sup>	Outdoor Thermostat	X	X	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X	X	X
TX3N4 <sup>2</sup>	TXV Kit	X	X	X	X			
TX5N4 <sup>2</sup>	TXV Kit					X	X	X

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

<sup>1</sup> Installed on indoor coil

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

<sup>3</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.

## PRODUCT SPECIFICATIONS

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## NOTES

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

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