

**ENERGY-EFFICIENT MULTI-FAMILY
SPLIT SYSTEM HEAT PUMP
14.3 SEER2 & 7.5 HSPF2
1½ TO 3 TONS**



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Standard Features

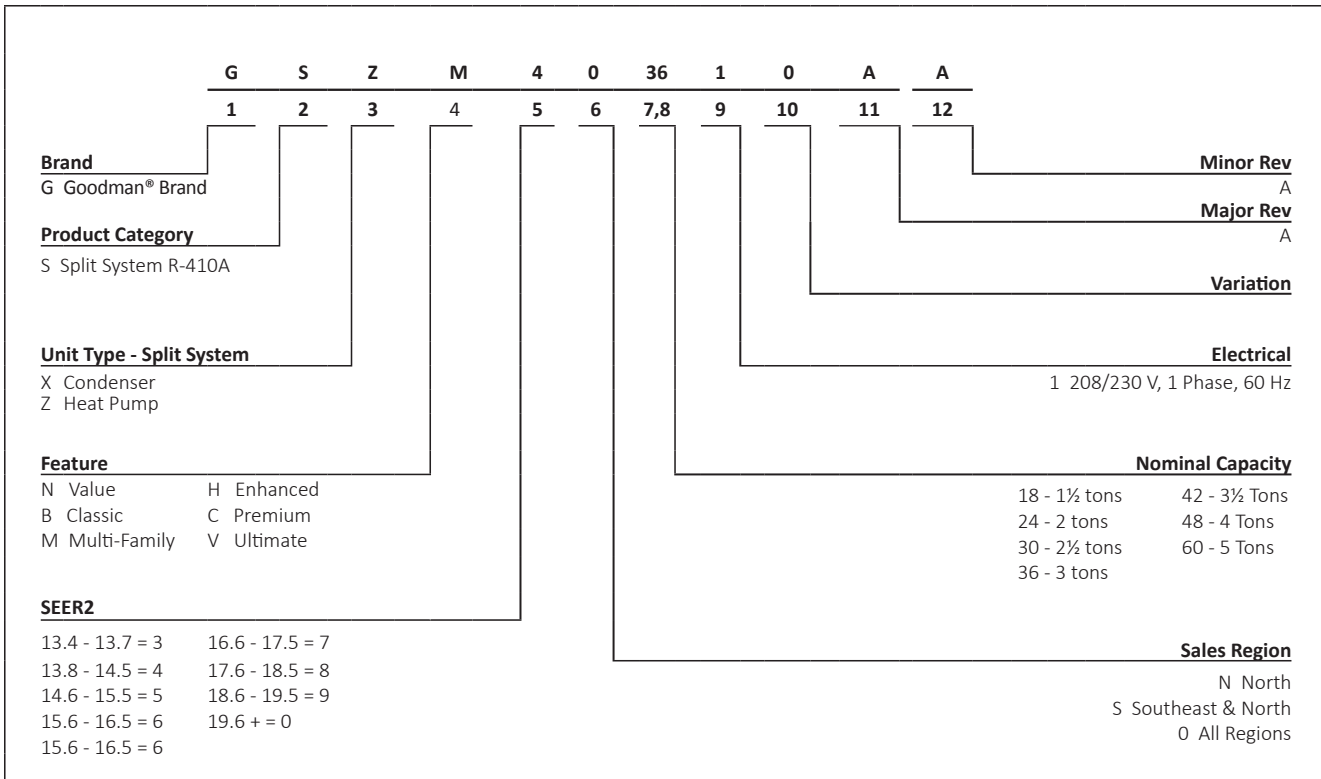
- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Enhanced aluminum fin coil with 5 mm diameter copper tubes in 1.5- to 3.5-ton
- Single-speed PSC condenser fan motor
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

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



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



	GSZM4 01810A*	GSZM4 02410A*	GSZM4 03010A*	GSZM4 03610A*
NOMINAL CAPACITIES				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	18,000	24,000	30,000	36,000
Decibels	68	72	75	72
COMPRESSOR				
RLA	9.0	11.5	14.1	16.0
LRA	42.6	59.5	67.9	91.9
Stage	Single	Single	Single	Single
Type	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR				
Motor Type	PSC	PSC	PSC	PSC
Horsepower	1/6	1/6	1/6	1/6
FLA	0.95	0.95	0.95	0.97
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	94	86	94	114
ELECTRICAL DATA				
Volts/Phase (60 Hz)	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity ²	12.2	15.3	18.6	21
Max. Overcurrent Protection ³	20	25	30	35
Min / Max Volts	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"
UNIT WEIGHTS				
Equipment Weight (lbs.)	164	164	175	214
Ship Weight (lbs)	179	179	190	234

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/2" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

IDB		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°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						
525		MBh	17.4	17.7	18.2	-	17.3	17.5	18.0	-	16.8	17.1	17.6	-	16.0	16.3	16.8	-	15.1	15.3	15.8	-	14.2	14.4	15.0	-					
		S/T	0.58	0.50	0.37	-	0.59	0.51	0.37	-	0.61	0.53	0.40	-	1.00	0.55	0.42	-	1.00	0.58	0.44	-	1.00	0.63	0.49	-					
		ΔT	18	17	14	-	18	17	14	-	19	17	14	-	18	17	14	-	18	17	13	-	19	18	14	-					
		KW	1.04	1.04	1.04	-	1.16	1.16	1.16	-	1.30	1.29	1.29	-	1.44	1.44	1.44	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-					
		Amps	4.1	4.1	4.0	-	4.6	4.6	4.6	-	5.2	5.2	5.2	-	5.9	5.9	5.8	-	6.6	6.6	6.6	-	7.5	7.4	7.4	-					
		Hi PR	230	231	233	-	267	268	269	-	305	306	307	-	346	347	349	-	390	391	393	-	438	439	440	-					
		Lo PR	124	126	129	-	132	133	137	-	139	140	143	-	144	146	149	-	150	151	154	-	157	158	161	-					
70		MBh	17.7	18.0	18.5	-	17.6	17.8	18.3	-	17.1	17.4	17.9	-	16.3	16.6	17.1	-	15.4	15.6	16.1	-	14.5	14.7	15.3	-					
		S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-					
		ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-					
		KW	1.05	1.05	1.05	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.45	1.45	1.44	-	1.61	1.61	1.60	-	1.80	1.79	1.79	-					
		Amps	4.1	4.1	4.1	-	4.6	4.6	4.6	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-					
		Hi PR	233	234	236	-	269	270	272	-	308	309	310	-	349	350	351	-	393	394	396	-	440	441	443	-					
		Lo PR	127	128	131	-	134	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	161	164	-					
675		MBh	17.9	18.1	18.7	-	17.7	18.0	18.5	-	17.3	17.5	18.0	-	16.5	16.7	17.3	-	15.5	15.8	16.3	-	14.6	14.9	15.4	-					
		S/T	0.69	0.61	0.48	-	0.70	0.62	0.48	-	0.72	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-					
		ΔT	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	16	15	11	-	17	16	13	-					
		KW	1.06	1.05	1.05	-	1.17	1.17	1.17	-	1.31	1.31	1.30	-	1.45	1.45	1.45	-	1.61	1.61	1.61	-	1.80	1.80	1.80	-					
		Amps	4.1	4.1	4.1	-	4.7	4.6	4.6	-	5.3	5.3	5.2	-	5.9	5.9	5.9	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-					
		Hi PR	234	235	237	-	270	271	273	-	309	310	311	-	350	351	352	-	394	395	397	-	441	442	444	-					
		Lo PR	128	129	133	-	135	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-					

IDB		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°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						
525		MBh	17.4	17.7	18.2	19.0	17.3	17.5	18.1	18.9	16.8	17.1	17.6	18.4	16.0	16.3	16.8	17.6	15.1	15.3	15.9	16.6	14.2	14.5	15.0	15.8					
		S/T	0.71	0.63	0.50	0.35	0.72	0.64	0.50	0.36	1.00	0.66	0.53	0.39	1.00	0.68	0.55	0.40	1.00	0.71	0.57	0.43	1.00	1.00	0.62	0.48					
		ΔT	22	20	17	14	22	20	17	14	22	21	18	14	22	20	17	14	22	20	17	14	23	21	18	15					
		KW	1.04	1.04	1.04	1.05	1.16	1.16	1.16	1.17	1.29	1.29	1.29	1.30	1.44	1.44	1.43	1.44	1.60	1.60	1.60	1.60	1.79	1.78	1.78	1.79					
		Amps	4.1	4.0	4.0	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.4	7.4	7.5					
		Hi PR	230	231	233	237	267	268	270	274	305	306	308	312	346	347	349	353	390	391	393	397	438	439	440	444					
		Lo PR	124	126	129	134	132	134	137	142	139	140	143	149	144	146	149	154	150	151	155	160	157	158	161	167					
75		MBh	17.7	18.0	18.5	19.3	17.6	17.8	18.4	19.2	17.1	17.4	17.9	18.7	16.3	16.6	17.1	17.9	15.4	15.6	16.1	16.9	14.5	14.7	15.3	16.1					
		S/T	0.80	0.72	0.58	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57					
		ΔT	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	20	19	16	12	21	20	17	13					
		KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.45	1.45	1.44	1.45	1.61	1.61	1.60	1.61	1.79	1.79	1.79	1.80					
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5					
		Hi PR	233	234	236	240	270	271	272	276	308	309	310	314	349	350	351	355	393	394	396	400	440	441	443	447					
		Lo PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169					
675		MBh	17.9	18.1	18.7	19.5	17.7	18.0	18.5	19.3	17.3	17.5	18.0	18.8	16.5	16.7	17.3	18.1	15.5	15.8	16.3	17.1	14.7	14.9	15.4	16.2					
		S/T	0.82	0.74	0.61	0.46	1.00	0.75	0.61	0.47	1.00	0.77	0.64	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.68	0.54	1.00	1.00	0.73	0.59					
		ΔT	20	19	15	12	20	19	15	12	20	19	16	12	20	19	15	12	20	18	15	12	21	19	16	13					
		KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.31	1.31	1.30	1.31	1.45	1.45	1.45	1.46	1.61	1.61	1.61	1.62	1.80	1.80	1.79	1.80					
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.3	5.3	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5					
		Hi PR	234	235	237	241	271	272	273	277	309	310	311	315	350	351	353	357	394	395	397	401	442	443	444	448					
		Lo PR	128	129	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170					

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	525	MBh	17.5	17.8	18.3	19.1	17.4	17.6	18.1	18.9	16.9	17.2	17.7	18.5	16.1	16.4	16.9	17.7	15.2	15.4	15.9	16.7	14.3	14.5	15.1	15.9
		S/T	1.00	0.76	0.62	0.48	1.00	0.76	0.63	0.49	1.00	0.79	0.65	0.51	1.00	1.00	0.67	0.53	1.00	1.00	0.70	0.55	1.00	1.00	0.75	0.60
	ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	27	25	22	19	
	kW	1.04	1.04	1.04	1.05	1.16	1.16	1.16	1.17	1.30	1.29	1.29	1.30	1.44	1.44	1.44	1.44	1.60	1.60	1.60	1.60	1.79	1.79	1.78	1.79	
	Amps	4.1	4.1	4.0	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.6	7.5	7.4	7.4	7.5	
	Hi PR	231	232	233	238	267	268	270	274	305	306	308	312	347	348	349	353	391	392	394	398	438	439	441	445	
	Lo PR	125	126	130	135	133	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167	
	630	MBh	17.8	18.1	18.6	19.4	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.8	16.4	16.7	17.2	18.0	15.5	15.7	16.2	17.0	14.6	14.8	15.4	16.2
		S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69
	ΔT	24	23	20	16	24	23	20	16	25	23	20	17	24	23	20	16	24	22	19	16	25	24	20	17	
kW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.45	1.45	1.45	1.45	1.61	1.61	1.61	1.61	1.80	1.79	1.79	1.80		
Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5		
Hi PR	234	235	236	240	270	271	273	277	308	309	311	315	349	350	352	356	394	395	396	400	441	442	444	448		
Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170		
675	MBh	18.0	18.2	18.8	19.5	17.8	18.1	18.6	19.4	17.4	17.6	18.1	18.9	16.6	16.8	17.4	18.1	15.6	15.9	16.4	17.2	14.7	15.0	15.5	16.3	
	S/T	1.00	0.87	0.73	0.59	1.00	0.87	0.74	0.59	1.00	0.90	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	
ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17		
kW	1.06	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.31	1.31	1.30	1.31	1.45	1.45	1.45	1.46	1.61	1.61	1.61	1.62	1.80	1.80	1.80	1.80		
Amps	4.1	4.1	4.1	4.1	4.7	4.6	4.6	4.7	5.3	5.3	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5		
Hi PR	235	236	237	241	271	272	274	278	309	310	312	316	350	351	353	357	395	396	397	401	442	443	445	449		
Lo PR	128	130	133	139	136	138	141	146	143	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171		
85	525	MBh	17.8	18.1	18.6	19.4	17.7	17.9	18.4	19.2	17.2	17.5	18.0	18.8	16.4	16.7	17.2	18.0	15.5	15.7	16.2	17.0	14.6	14.8	15.4	16.2
		S/T	1.00	0.86	0.72	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	1.00	0.7
	ΔT	29	27	24	21	29	27	24	21	29	28	25	21	29	27	24	21	29	27	24	21	30	28	25	22	
	kW	1.05	1.05	1.04	1.1	1.16	1.16	1.16	1.12	1.30	1.30	1.29	1.3	1.44	1.44	1.44	1.4	1.60	1.60	1.60	1.6	1.79	1.79	1.79	1.8	
	Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5	
	Hi PR	232	233	235	239	268	269	271	275	307	308	309	313	348	349	350	354	392	393	395	399	439	440	442	446	
	Lo PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169	
	630	MBh	18.1	18.4	18.9	19.7	18.0	18.2	18.7	19.5	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.8	16.0	16.5	17.3	14.9	15.1	15.7	16.5
		S/T	1.00	0.95	0.81	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
	ΔT	28	26	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	19	28	27	24	20	
kW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.12	1.31	1.30	1.30	1.3	1.45	1.45	1.45	1.5	1.61	1.61	1.61	1.6	1.80	1.80	1.79	1.8		
Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.3	5.2	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5		
Hi PR	235	236	237	241	271	272	274	278	309	310	312	316	350	351	353	357	395	396	397	401	442	443	445	449		
Lo PR	129	131	134	139	137	138	142	147	143	145	148	154	149	151	154	159	155	156	159	165	162	163	166	172		
675	MBh	18.3	18.5	19.0	19.8	18.1	18.4	18.9	19.7	17.7	17.9	18.4	19.2	16.9	17.1	17.6	18.4	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	
	S/T	1.00	0.97	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8	
ΔT	27	26	22	19	27	26	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20		
kW	1.06	1.06	1.05	1.1	1.18	1.18	1.17	1.12	1.31	1.31	1.31	1.3	1.45	1.45	1.45	1.5	1.61	1.61	1.61	1.6	1.80	1.80	1.80	1.8		
Amps	4.1	4.1	4.1	4.1	4.7	4.7	4.7	4.6	5.3	5.3	5.3	5.3	5.9	5.9	5.9	6.0	6.7	6.7	6.6	6.7	7.5	7.5	7.5	7.5		
Hi PR	236	237	238	242	272	273	275	279	310	311	313	317	351	352	354	358	396	397	398	402	443	444	446	450		
Lo PR	130	132	135	140	138	139	143	148	145	146	149	155	150	152	155	160	156	157	159	166	163	164	167	173		

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

EXPANDED COOLING DATA — GSZM402410A* + AMST24BU1400A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	23.1	23.5	24.1	-	22.9	23.2	23.9	-	22.3	22.6	23.3	-	21.3	21.6	22.3	-	20.0	20.4	21.0	-	18.9	19.2	19.9	-
	S/T	0.61	0.54	0.41	-	0.62	0.55	0.42	-	0.64	0.57	0.44	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.66	0.53	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	13	-	18	17	14	-
	kW	1.36	1.36	1.35	-	1.52	1.52	1.52	-	1.70	1.70	1.70	-	1.90	1.90	1.89	-	2.12	2.12	2.11	-	2.37	2.37	2.37	-
	Amps	5.3	5.3	5.3	-	6.0	6.0	6.0	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	9.9	9.9	-
	Hi PR	239	240	242	-	276	277	279	-	316	317	318	-	358	359	361	-	404	405	407	-	453	454	455	-
Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	141	144	-	144	146	149	-	151	152	155	-	
70	MBh	23.3	23.6	24.3	-	23.1	23.4	24.1	-	22.5	22.8	23.5	-	21.5	21.8	22.5	-	20.2	20.5	21.2	-	19.0	19.4	20.1	-
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
	ΔT	17	16	12	-	17	15	12	-	17	16	13	-	17	15	12	-	17	15	12	-	18	16	13	-
	kW	1.36	1.36	1.36	-	1.53	1.52	1.52	-	1.71	1.70	1.70	-	1.90	1.90	1.90	-	2.12	2.12	2.12	-	2.38	2.38	2.37	-
	Amps	5.3	5.3	5.3	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-
	Hi PR	240	241	243	-	278	279	280	-	317	318	320	-	359	360	362	-	405	406	408	-	454	455	456	-
Lo PR	121	122	126	-	128	130	133	-	135	136	139	-	140	141	144	-	145	147	150	-	152	153	156	-	
900	MBh	23.9	24.2	24.9	-	23.7	24.0	24.7	-	23.1	23.4	24.1	-	22.1	22.4	23.1	-	20.8	21.1	21.8	-	19.7	20.0	20.7	-
	S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	17	15	12	-
	kW	1.37	1.37	1.37	-	1.54	1.53	1.53	-	1.72	1.72	1.71	-	1.91	1.91	1.91	-	2.13	2.13	2.13	-	2.39	2.39	2.39	-
	Amps	5.4	5.4	5.4	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-
	Hi PR	243	244	246	-	281	282	283	-	320	321	323	-	362	363	365	-	408	409	411	-	457	458	459	-
Lo PR	124	126	129	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	155	157	160	-	

700	MBh	23.1	23.5	24.1	25.2	22.9	23.3	23.9	25.0	22.3	22.7	23.3	24.4	21.3	21.6	22.3	23.4	20.0	20.4	21.1	22.1	18.9	19.2	19.9	20.9
	S/T	0.74	0.66	0.53	0.40	0.74	0.67	0.54	0.40	1.00	0.69	0.56	0.43	1.00	0.71	0.58	0.44	1.00	0.73	0.60	0.47	1.00	0.78	0.65	0.52
	ΔT	21	20	17	13	21	20	17	13	22	20	17	14	21	20	17	13	21	19	16	13	22	20	17	14
	kW	1.36	1.36	1.35	1.37	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.90	1.90	1.89	1.91	2.12	2.11	2.11	2.12	2.37	2.37	2.37	2.38
	Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	9.9	9.9	9.9	10.0
	Hi PR	239	240	242	246	277	278	279	284	316	317	319	323	358	359	361	365	404	405	407	411	453	454	455	460
Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	141	144	149	144	146	149	154	151	152	155	161	
750	MBh	23.3	23.6	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.8	23.5	24.6	21.5	21.8	22.5	23.5	20.2	20.5	21.2	22.3	19.1	19.4	20.1	21.1
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54
	ΔT	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	22	20	17	14
	kW	1.36	1.36	1.36	1.37	1.52	1.52	1.52	1.53	1.71	1.70	1.70	1.71	1.90	1.90	1.90	1.91	2.12	2.12	2.12	2.13	2.38	2.38	2.37	2.39
	Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0
	Hi PR	240	241	243	247	278	279	280	285	317	318	320	324	359	360	362	366	405	406	408	412	454	455	457	461
Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	145	150	145	147	150	155	152	153	156	161	
900	MBh	23.9	24.2	24.9	26.0	23.7	24.0	24.7	25.8	23.1	23.4	24.1	25.2	22.1	22.4	23.1	24.1	20.8	21.1	21.8	22.9	19.7	20.0	20.7	21.7
	S/T	0.81	0.73	0.60	0.47	0.81	0.74	0.61	0.47	1.00	0.76	0.63	0.50	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.54	1.00	1.00	0.72	0.58
	ΔT	20	18	15	11	20	18	15	11	20	18	15	12	20	18	15	11	19	18	14	11	20	19	16	12
	kW	1.37	1.37	1.37	1.38	1.53	1.53	1.53	1.54	1.72	1.71	1.71	1.72	1.91	1.91	1.91	1.92	2.13	2.13	2.13	2.14	2.39	2.39	2.38	2.40
	Amps	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1
	Hi PR	243	244	246	250	281	282	284	288	320	321	323	327	363	364	365	369	408	409	411	415	457	458	460	464
Lo PR	124	126	129	134	132	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165	

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	23.3	23.6	24.3	25.3	23.1	23.4	24.1	25.1	22.5	22.8	23.5	24.5	21.4	21.7	22.4	23.5	20.2	20.5	21.2	22.2	19.0	19.3	20.0	21.1
	S/T	0.86	0.78	0.65	0.52	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.55	1.00	0.83	0.70	0.57	1.00	1.00	0.72	0.59	1.00	1.00	0.77	0.64
	ΔT	25	23	20	17	25	23	20	17	25	24	21	17	25	23	20	17	25	23	20	17	26	24	21	18
	kW	1.36	1.36	1.35	1.37	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.90	1.90	1.89	1.91	2.12	2.12	2.11	2.13	2.37	2.37	2.37	2.38
	Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	9.9	9.9	10.0
	Hi PR	240	241	242	246	277	278	280	284	316	317	319	323	359	360	361	366	404	405	407	411	453	454	456	460
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	144	145	146	149	154	151	153	156	161
	MBh	23.4	23.8	24.4	25.5	23.2	23.5	24.2	25.3	22.6	22.9	23.6	24.7	21.6	21.9	22.6	23.6	20.3	20.7	21.3	22.4	19.2	19.5	20.2	21.2
	S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66
	ΔT	25	23	20	17	25	23	20	16	25	23	20	17	25	23	20	16	24	23	20	16	25	24	21	17
kW	1.36	1.36	1.36	1.37	1.52	1.52	1.52	1.53	1.71	1.71	1.70	1.71	1.90	1.90	1.90	1.91	2.12	2.12	2.12	2.13	2.38	2.38	2.37	2.39	
Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	
Hi PR	241	242	243	247	278	279	281	285	317	319	320	324	360	361	363	367	406	407	408	412	454	455	457	461	
Lo PR	122	123	126	131	129	130	133	138	135	137	140	145	141	142	145	145	146	147	150	155	152	154	157	162	
MBh	24.0	24.4	25.1	26.1	23.8	24.2	24.8	25.9	23.2	23.6	24.2	25.3	22.2	22.5	23.2	24.3	20.9	21.3	22.0	23.0	19.8	20.1	20.8	21.8	
S/T	1.00	0.85	0.72	0.59	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.62	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.66	1.00	1.00	0.84	0.71	
ΔT	23	22	18	15	23	22	18	15	23	22	19	15	23	22	18	15	23	21	18	15	24	22	19	16	
kW	1.37	1.37	1.37	1.38	1.54	1.53	1.53	1.54	1.72	1.72	1.71	1.73	1.91	1.91	1.91	1.92	2.13	2.13	2.13	2.14	2.39	2.39	2.38	2.40	
Amps	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1	
Hi PR	244	245	246	251	281	282	284	288	321	322	323	328	363	364	366	370	409	410	411	416	457	458	460	464	
Lo PR	125	126	129	134	132	134	137	142	138	140	143	148	144	145	148	153	149	151	154	159	156	157	160	165	
85	MBh	23.6	24.0	24.7	25.7	23.4	23.8	24.5	25.5	22.8	23.2	23.9	24.9	21.8	22.1	22.8	23.9	20.5	20.9	21.6	22.6	19.4	19.7	20.4	21.5
	S/T	1.00	0.88	0.75	0.6	1.00	0.89	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
	ΔT	28	27	24	20	28	27	24	20	29	27	24	21	28	27	24	20	28	26	23	20	29	28	24	21
	kW	1.36	1.36	1.36	1.4	1.52	1.52	1.52	1.5	1.70	1.70	1.70	1.7	1.90	1.90	1.90	1.9	2.12	2.12	2.12	2.1	2.38	2.38	2.37	2.4
	Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	9.9	10.0
	Hi PR	241	242	243	248	278	279	281	285	318	319	320	324	360	361	363	367	406	407	408	412	454	455	457	461
	Lo PR	122	124	127	132	130	131	134	139	136	137	141	146	141	143	146	151	147	148	151	156	153	155	158	163
	MBh	23.8	24.1	24.8	25.9	23.6	23.9	24.6	25.7	23.0	23.3	24.0	25.1	22.0	22.3	23.0	24.0	20.7	21.0	21.7	22.8	19.6	19.9	20.6	21.6
	S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8
	ΔT	28	26	23	20	28	26	23	20	28	26	23	20	28	26	23	20	28	26	23	20	29	27	24	21
kW	1.37	1.36	1.36	1.4	1.53	1.53	1.52	1.5	1.71	1.71	1.71	1.7	1.91	1.90	1.90	1.9	2.12	2.12	2.12	2.1	2.38	2.38	2.38	2.4	
Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	
Hi PR	242	243	244	249	279	280	282	286	319	320	321	325	361	362	364	368	407	408	409	413	455	456	458	462	
Lo PR	123	125	128	133	131	132	135	140	137	138	141	147	142	144	147	152	148	149	152	157	154	156	159	164	
MBh	24.4	24.8	25.4	26.5	24.2	24.5	25.2	26.3	23.6	23.9	24.6	25.7	22.6	22.9	23.6	24.7	21.3	21.7	22.3	23.4	20.2	20.5	21.2	22.2	
S/T	1.00	0.95	0.82	0.7	1.00	0.96	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	1.00	0.8	
ΔT	27	25	22	19	27	25	22	18	27	25	22	19	27	25	22	18	26	25	21	18	27	26	23	19	
kW	1.38	1.38	1.37	1.4	1.54	1.54	1.53	1.5	1.72	1.72	1.72	1.7	1.92	1.91	1.91	1.9	2.14	2.13	2.13	2.1	2.39	2.39	2.39	2.4	
Amps	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	7.0	7.0	6.9	7.0	7.9	7.9	7.8	7.9	8.9	8.9	8.8	8.9	10.0	10.0	10.0	10.1	
Hi PR	245	246	248	252	282	283	285	289	322	323	324	329	364	365	367	371	410	411	412	417	459	460	461	465	
Lo PR	127	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	152	155	160	157	159	162	167	

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

EXPANDED COOLING DATA — GSZM403010A* + AMST30BU1400A*

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	28.5	28.9	29.8	-	28.3	28.7	29.5	-	27.5	27.9	28.8	-	26.2	26.6	27.5	-	24.7	25.1	25.9	-	23.2	23.6	24.5	-
	S/T	0.60	0.52	0.38	-	0.61	0.52	0.38	-	0.63	0.55	0.41	-	0.65	0.57	0.43	-	1.00	0.60	0.45	-	1.00	0.65	0.51	-
	ΔT	18	17	14	-	18	17	13	-	18	17	14	-	18	17	13	-	18	16	13	-	19	17	14	-
	kW	1.70	1.70	1.69	-	1.90	1.89	1.89	-	2.12	2.12	2.11	-	2.36	2.36	2.35	-	2.63	2.62	2.62	-	2.94	2.94	2.93	-
	Amps	6.3	6.3	6.3	-	7.2	7.2	7.2	-	8.2	8.2	8.2	-	9.3	9.3	9.3	-	10.5	10.5	10.5	-	12.0	12.0	11.9	-
	Hi PR	247	248	250	-	286	287	289	-	327	328	330	-	371	372	374	-	418	419	421	-	469	470	472	-
	Lo PR	119	121	124	-	127	128	131	-	133	135	138	-	139	140	143	-	144	145	148	-	151	152	155	-
	MBh	28.9	29.3	30.1	-	28.6	29.0	29.9	-	27.9	28.3	29.1	-	26.6	27.0	27.8	-	25.0	25.4	26.3	-	23.6	24.0	24.8	-
	S/T	0.67	0.59	0.45	-	0.68	0.60	0.46	-	0.71	0.63	0.48	-	0.73	0.65	0.50	-	1.00	0.67	0.53	-	1.00	0.72	0.58	-
	ΔT	17	16	12	-	17	16	12	-	17	16	13	-	17	15	12	-	17	15	12	-	18	16	13	-
kW	1.71	1.71	1.70	-	1.91	1.90	1.90	-	2.13	2.13	2.12	-	2.37	2.37	2.36	-	2.64	2.63	2.63	-	2.95	2.95	2.95	-	
Amps	6.3	6.3	6.3	-	7.2	7.2	7.2	-	8.3	8.2	8.2	-	9.4	9.3	9.3	-	10.6	10.6	10.6	-	12.0	12.0	12.0	-	
Hi PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	376	-	420	421	423	-	471	472	474	-	
Lo PR	121	123	126	-	128	130	133	-	135	136	139	-	140	142	145	-	146	147	150	-	152	154	157	-	
MBh	29.1	29.5	30.3	-	28.8	29.2	30.1	-	28.1	28.5	29.3	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.8	24.2	25.0	-	
S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	0.76	0.67	0.53	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-	
ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	12	-	17	16	13	-	
kW	1.71	1.71	1.71	-	1.91	1.91	1.91	-	2.13	2.13	2.13	-	2.37	2.37	2.37	-	2.64	2.64	2.64	-	2.96	2.95	2.95	-	
Amps	6.4	6.3	6.3	-	7.3	7.3	7.2	-	8.3	8.3	8.3	-	9.4	9.4	9.4	-	10.6	10.6	10.6	-	12.0	12.0	12.0	-	
Hi PR	250	251	253	-	289	290	292	-	330	331	333	-	374	375	377	-	422	423	424	-	472	473	475	-	
Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	143	146	-	146	148	151	-	153	155	158	-	

75	MBh	28.6	29.0	29.8	31.1	28.3	28.7	29.6	30.9	27.5	28.0	28.8	30.1	26.3	26.7	27.5	28.8	24.7	25.1	25.9	27.3	23.2	23.7	24.5	25.8
	S/T	0.73	0.65	0.51	0.36	0.74	0.66	0.52	0.37	1.00	0.69	0.54	0.39	1.00	0.71	0.57	0.41	1.00	0.73	0.59	0.44	1.00	0.79	0.64	0.49
	ΔT	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	22	20	17	14	23	21	18	15
	kW	1.70	1.69	1.69	1.71	1.89	1.89	1.89	1.90	2.12	2.11	2.11	2.13	2.36	2.35	2.35	2.37	2.62	2.62	2.62	2.63	2.94	2.94	2.93	2.95
	Amps	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.3	10.5	10.5	10.5	10.6	12.0	12.0	11.9	12.0
	Hi PR	247	248	250	254	286	287	289	293	327	328	330	334	371	372	374	378	419	420	421	426	469	470	472	476
	Lo PR	120	121	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	149	154	151	152	155	160
	MBh	28.9	29.3	30.1	31.4	28.6	29.0	29.9	31.2	27.9	28.3	29.1	30.4	26.6	27.0	27.8	29.2	25.0	25.4	26.3	27.6	23.6	24.0	24.8	26.1
	S/T	0.81	0.73	0.59	0.43	0.81	0.73	0.59	0.44	1.00	0.76	0.62	0.47	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.86	0.72	0.57
	ΔT	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	21	19	16	13	22	20	17	14
kW	1.71	1.71	1.70	1.72	1.91	1.90	1.90	1.92	2.13	2.13	2.12	2.14	2.37	2.37	2.36	2.38	2.63	2.63	2.63	2.64	2.95	2.95	2.94	2.96	
Amps	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.3	8.3	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1	
Hi PR	249	250	252	256	288	289	291	295	329	330	332	336	373	374	376	380	421	422	423	428	471	472	474	479	
Lo PR	121	123	126	131	128	130	133	138	135	136	139	145	140	142	145	150	146	147	150	155	152	154	157	162	
MBh	29.1	29.5	30.3	31.7	28.8	29.2	30.1	31.4	28.1	28.5	29.3	30.6	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	23.8	24.2	25.0	26.3	
S/T	0.84	0.76	0.61	0.46	0.84	0.76	0.62	0.47	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.75	0.60	
ΔT	20	19	16	12	20	19	16	12	20	19	16	13	20	19	16	12	20	18	15	12	21	19	16	13	
kW	1.71	1.71	1.71	1.72	1.91	1.91	1.91	1.92	2.13	2.13	2.13	2.14	2.37	2.37	2.37	2.38	2.64	2.64	2.63	2.65	2.95	2.95	2.95	2.96	
Amps	6.4	6.3	6.3	6.4	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.3	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1	
Hi PR	250	251	253	257	289	290	292	296	330	331	333	337	374	375	377	381	422	423	425	429	472	474	475	480	
Lo PR	122	124	127	132	129	131	134	139	136	137	140	145	141	143	146	151	147	148	151	156	153	155	158	163	

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	875	MBh	28.7	29.1	30.0	31.3	28.4	28.9	29.7	31.0	27.7	28.1	29.0	30.3	26.4	26.8	27.7	29.0	24.8	25.2	26.1	27.4	23.4	23.8	24.7	26.0	
		S/T	0.87	0.79	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62	
		ΔT	25	24	21	18	25	24	21	18	26	24	21	18	25	24	21	18	25	24	20	17	26	25	21	18	
	1000	kW	1.70	1.70	1.69	1.71	1.90	1.89	1.89	1.91	2.12	2.12	2.11	2.13	2.36	2.36	2.35	2.37	2.63	2.62	2.62	2.64	2.94	2.94	2.93	2.95	
		Amps	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.5	10.5	10.5	10.6	12.0	12.0	11.9	12.0	
		Hi-PR	247	248	250	254	286	288	289	294	327	328	330	335	372	373	374	379	419	420	422	426	470	471	473	477	
	1070	Lo-PR	120	122	125	130	127	129	132	137	134	135	138	143	139	141	144	149	144	146	149	154	151	153	156	161	
		MBh	29.0	29.4	30.3	31.6	28.8	29.2	30.0	31.3	28.0	28.4	29.3	30.6	26.7	27.1	28.0	29.3	25.2	25.6	26.4	27.7	23.7	24.1	25.0	26.3	
		S/T	0.94	0.86	0.72	0.57	1.00	0.87	0.72	0.57	1.00	0.89	0.75	0.60	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.85	0.70	
	85	875	ΔT	24	23	20	17	24	23	20	17	25	23	20	17	24	23	20	16	24	22	19	16	25	24	20	17
			kW	1.71	1.71	1.70	1.72	1.91	1.90	1.90	1.92	2.13	2.13	2.12	2.14	2.37	2.37	2.36	2.38	2.64	2.63	2.63	2.65	2.95	2.95	2.95	2.96
			Amps	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.3	8.3	8.2	8.2	8.3	9.4	9.3	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1
1000		Hi-PR	249	250	252	257	289	290	291	296	329	331	332	337	374	375	376	381	421	422	424	428	472	473	475	479	
		Lo-PR	122	123	126	131	129	130	134	139	135	137	140	145	141	142	145	150	146	148	151	156	153	154	157	162	
		MBh	29.2	29.6	30.5	31.8	29.0	29.4	30.2	31.5	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.4	25.8	26.6	27.9	23.9	24.3	25.2	26.5	
1070		S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.75	0.60	1.00	0.92	0.78	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.88	0.73	
		ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	25	23	20	17	
		kW	1.71	1.71	1.71	1.72	1.91	1.91	1.91	1.92	2.13	2.13	2.13	2.14	2.37	2.37	2.37	2.38	2.64	2.64	2.64	2.65	2.96	2.95	2.95	2.97	
85		875	Amps	6.4	6.3	6.3	6.4	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.1
			Hi-PR	250	252	253	258	290	291	292	297	331	332	333	338	375	376	376	382	422	423	425	429	473	474	476	480
			Lo-PR	123	124	127	132	130	131	134	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	158	163
	1000	MBh	29.2	29.6	30.4	31.8	28.9	29.3	30.2	31.5	28.2	28.6	29.4	30.8	26.9	27.3	28.2	29.5	25.3	25.7	26.6	27.9	23.9	24.3	25.1	26.5	
		S/T	1.00	0.89	0.75	0.6	1.00	0.90	0.76	0.6	1.00	1.00	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.88	0.7	
		ΔT	29	27	24	21	29	27	24	21	29	27	24	21	29	27	24	21	28	27	24	21	29	28	25	22	
	1070	kW	1.70	1.70	1.70	1.71	1.90	1.90	1.89	1.9	2.12	2.12	2.12	2.1	2.36	2.36	2.36	2.4	2.63	2.63	2.62	2.6	2.94	2.94	2.94	3.0	
		Amps	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.3	8.2	8.2	8.2	8.3	9.3	9.3	9.3	9.4	10.5	10.5	10.5	10.6	12.0	12.0	12.0	12.0	
		Hi-PR	249	250	251	256	288	289	290	295	329	330	331	336	373	374	375	380	420	421	423	427	471	472	474	478	
	85	1000	Lo-PR	122	123	126	132	129	131	134	139	136	137	140	145	141	142	146	151	146	148	151	156	153	154	158	163
			MBh	29.5	29.9	30.8	32.1	29.3	29.7	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.5	29.8	25.6	26.0	26.9	28.2	24.2	24.6	25.5	26.8
			S/T	1.00	0.97	0.82	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8
1070		ΔT	28	26	23	20	28	26	23	20	28	26	23	20	28	26	23	20	27	26	23	19	28	27	24	21	
		kW	1.71	1.71	1.71	1.71	1.91	1.91	1.91	1.91	2.13	2.13	2.13	2.1	2.37	2.37	2.37	2.4	2.64	2.64	2.63	2.6	2.95	2.95	2.95	3.0	
		Amps	6.3	6.3	6.3	6.4	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1	
1070		Hi-PR	251	252	253	258	290	291	292	297	331	332	333	338	375	376	378	382	422	423	425	429	473	474	476	480	
		Lo-PR	123	125	128	133	131	132	135	140	137	139	142	147	143	144	147	152	148	149	152	158	155	156	159	164	
		MBh	29.7	30.1	31.0	32.3	29.5	29.9	30.7	32.0	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.3	27.1	28.4	24.4	24.8	25.7	27.0	
1070		S/T	1.00	1.00	0.85	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8	
		ΔT	27	25	22	19	27	25	22	19	27	26	23	19	27	25	22	19	27	25	22	19	28	26	23	20	
		kW	1.72	1.71	1.71	1.71	1.92	1.91	1.91	1.91	2.14	2.14	2.13	2.1	2.38	2.38	2.37	2.4	2.64	2.64	2.64	2.7	2.96	2.96	2.96	3.0	
1070	Amps	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.0	12.1		
	Hi-PR	252	253	254	259	291	292	294	298	332	333	335	339	376	377	379	383	423	424	426	430	474	475	477	481		
	Lo-PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	153	159	156	157	160	165		

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

EXPANDED COOLING DATA — GSZM403610A* + AMST36CU1400A*

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	35.1	35.6	36.7	-	34.8	35.3	36.4	-	33.9	34.4	35.4	-	32.3	32.8	33.9	-	30.4	30.9	31.9	-	28.7	29.1	30.2	-
	S/T	0.60	0.53	0.40	-	0.61	0.54	0.41	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	1.00	0.65	0.52	-
	ΔT	18	17	13	-	18	17	13	-	18	17	14	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	2.07	2.07	2.06	-	2.32	2.31	2.31	-	2.59	2.59	2.58	-	2.89	2.88	2.88	-	3.22	3.22	3.21	-	3.61	3.61	3.60	-
	Amps	7.8	7.7	7.7	-	8.9	8.9	8.8	-	10.1	10.1	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-
	Hi PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	419	420	-	468	469	471	-
	Lo PR	119	120	123	-	126	128	131	-	132	134	137	-	138	139	142	-	143	144	147	-	149	151	154	-
	MBh	35.5	36.0	37.0	-	35.1	35.6	36.7	-	34.2	34.7	35.8	-	32.7	33.2	34.2	-	30.7	31.2	32.3	-	29.0	29.5	30.5	-
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	12	-	18	17	13	-
kW	2.08	2.08	2.07	-	2.32	2.32	2.32	-	2.60	2.60	2.59	-	2.90	2.89	2.89	-	3.23	3.23	3.22	-	3.62	3.61	3.61	-	
Amps	7.8	7.8	7.8	-	8.9	8.9	8.9	-	10.2	10.2	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-	
Hi PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	374	-	419	420	422	-	469	470	472	-	
Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-	
MBh	36.3	36.7	37.8	-	35.9	36.4	37.5	-	35.0	35.5	36.6	-	33.5	34.0	35.0	-	31.5	32.0	33.1	-	29.8	30.3	31.3	-	
S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	0.73	0.66	0.52	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	
ΔT	16	15	11	-	16	15	11	-	17	15	12	-	16	15	11	-	16	14	11	-	17	15	12	-	
kW	2.09	2.09	2.09	-	2.34	2.34	2.33	-	2.61	2.61	2.61	-	2.91	2.91	2.90	-	3.24	3.24	3.24	-	3.63	3.63	3.62	-	
Amps	7.9	7.8	7.8	-	9.0	9.0	9.0	-	10.2	10.2	10.2	-	11.6	11.6	11.6	-	13.1	13.1	13.1	-	14.9	14.9	14.9	-	
Hi PR	251	252	254	-	290	291	293	-	331	332	333	-	375	376	377	-	422	423	425	-	472	473	475	-	
Lo PR	123	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	151	-	153	155	158	-	

75	MBh	35.1	35.6	36.7	38.3	34.8	35.3	36.4	38.0	33.9	34.4	35.5	37.1	32.4	32.8	33.9	35.5	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8
	S/T	0.73	0.65	0.52	0.39	0.73	0.66	0.53	0.39	0.76	0.68	0.55	0.42	1.00	0.70	0.57	0.44	1.00	0.72	0.59	0.46	1.00	0.77	0.64	0.51
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	14	23	21	18	15
	kW	2.07	2.07	2.06	2.08	2.31	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.21	3.21	3.23	3.61	3.60	3.60	3.62
	Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.8
	Hi PR	247	248	250	254	286	287	289	293	327	328	329	334	370	372	373	378	418	419	420	425	468	469	471	475
	Lo PR	119	120	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	151	154	159
	MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	29.0	29.5	30.5	32.1
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	20	17	14
kW	2.08	2.07	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.59	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.24	3.61	3.61	3.61	3.63	
Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9	
Hi PR	249	250	251	256	287	288	290	294	328	329	331	335	372	373	375	379	419	420	422	426	470	471	472	477	
Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	140	143	148	144	146	149	154	151	152	155	160	
MBh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.0	35.5	36.6	38.2	33.5	34.0	35.0	36.6	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9	
S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.72	0.58	
ΔT	20	18	15	12	20	18	15	12	20	19	15	12	20	18	15	12	20	18	15	12	21	19	16	13	
kW	2.09	2.09	2.09	2.10	2.34	2.33	2.33	2.35	2.61	2.61	2.61	2.62	2.91	2.91	2.90	2.92	3.24	3.24	3.23	3.25	3.63	3.63	3.62	3.64	
Amps	7.8	7.8	7.8	7.9	9.0	9.0	8.9	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	14.9	
Hi PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	382	422	423	425	429	472	473	475	479	
Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	148	151	156	153	155	158	163	

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

EXPANDED COOLING DATA — GSZM403610A* + AMST36CU1400A* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1050	MBh	35.3	35.8	36.9	38.5	35.0	35.5	36.6	38.2	34.1	34.6	35.6	37.2	32.5	33.0	34.1	35.7	30.6	31.1	32.1	33.7	28.9	29.4	30.4	32.0
		S/T	0.85	0.77	0.64	0.51	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.54	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	1.00	0.76	0.63
		ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	17	27	25	22	18
		kW	2.07	2.07	2.06	2.08	2.32	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.22	3.21	3.23	3.61	3.61	3.60	3.62
		Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.8
		Hi/PR	248	249	250	255	286	287	289	293	327	328	330	334	371	372	374	378	418	419	421	425	469	470	471	476
	Lo/PR	119	121	124	129	127	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	150	151	154	160	
	1150	MBh	35.7	36.2	37.2	38.8	35.3	35.8	36.9	38.5	34.4	34.9	36.0	37.6	32.9	33.4	34.4	36.0	30.9	31.4	32.5	34.1	29.2	29.7	30.7	32.3
		S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66
		ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18
		kW	2.08	2.08	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.24	3.62	3.61	3.61	3.63
		Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9
Hi/PR		249	250	252	256	288	289	291	295	329	330	331	336	372	373	375	379	420	421	422	427	470	471	473	477	
Lo/PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	156	161		
1350	MBh	36.5	37.0	38.0	39.6	36.1	36.6	37.7	39.3	35.2	35.7	36.8	38.4	33.7	34.2	35.2	36.8	31.7	32.2	33.3	34.9	30.0	30.5	31.5	33.1	
	S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	
	ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	15	25	23	20	17	
	kW	2.09	2.09	2.09	2.11	2.34	2.34	2.33	2.35	2.61	2.61	2.61	2.63	2.91	2.91	2.90	2.92	3.24	3.24	3.24	3.25	3.63	3.63	3.62	3.64	
	Amps	7.9	7.8	7.8	7.9	9.0	9.0	9.0	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	
	Hi/PR	252	253	255	259	291	292	293	298	331	332	334	338	375	376	378	382	422	423	425	430	473	474	476	480	
Lo/PR	123	125	128	133	131	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	155	158	164		
85	1050	MBh	35.9	36.4	37.5	39.1	35.6	36.1	37.1	38.7	34.7	35.2	36.2	37.8	33.1	33.6	34.7	36.3	31.2	31.7	32.7	34.3	29.4	29.9	31.0	32.6
		S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.7
		ΔT	29	28	24	21	29	27	24	21	29	28	25	21	29	27	24	21	29	27	24	21	30	28	25	22
		kW	2.07	2.07	2.07	2.1	2.32	2.32	2.31	2.3	2.59	2.59	2.59	2.6	2.89	2.89	2.88	2.9	3.22	3.22	3.22	3.2	3.61	3.61	3.61	3.6
		Amps	7.8	7.8	7.7	7.8	8.9	8.9	8.9	9.0	10.2	10.1	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9
		Hi/PR	249	250	251	256	288	289	290	295	328	329	331	335	372	373	375	379	419	420	422	426	470	471	473	477
	Lo/PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	150	145	147	150	155	152	153	156	161	
	1150	MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.1	34.7	29.8	30.3	31.3	32.9
		S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.90	0.8
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	28	27	24	20	28	27	23	20	29	28	24	21
		kW	2.08	2.08	2.08	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6	2.90	2.90	2.89	2.9	3.23	3.23	3.23	3.2	3.62	3.62	3.61	3.6
		Amps	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.2	10.2	10.2	10.2	11.6	11.5	11.5	11.6	13.1	13.1	13.0	13.1	14.8	14.8	14.8	14.9
Hi/PR		250	251	253	257	289	290	292	296	330	331	332	337	373	375	376	381	421	422	424	428	471	472	474	478	
Lo/PR	122	124	127	132	130	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	154	157	163		
1350	MBh	37.0	37.5	38.6	40.2	36.7	37.2	38.3	39.9	35.8	36.3	37.4	39.0	34.2	34.7	35.8	37.4	32.3	32.8	33.9	35.5	30.6	31.1	32.1	33.7	
	S/T	1.00	0.95	0.82	0.7	1.00	0.95	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	1.00	0.8	
	ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	27	25	22	19	28	26	23	20	
	kW	2.10	2.10	2.09	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.91	2.91	2.91	2.9	3.25	3.24	3.24	3.3	3.64	3.63	3.63	3.6	
	Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	
	Hi/PR	253	254	256	260	292	293	295	299	333	334	335	340	376	377	379	383	424	425	426	431	474	475	477	481	
Lo/PR	125	127	130	135	132	134	137	142	139	140	143	148	144	145	148	154	149	151	154	159	156	157	160	165		

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

EXPANDED HEATING DATA

GSZM401810A*+AMST24BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	22.0	20.6	19.2	17.9	17.0	16.4	14.7	13.2	12.0	11.0	10.4	10.0	9.5	8.4	7.2	6.0	4.9
T/R	31.0	29.3	27.6	25.9	24.8	23.9	21.5	19.3	17.5	16.1	15.1	14.6	13.9	12.2	10.5	8.8	7.1
KW	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
AMPS	5.4	5.3	5.2	5.1	5.0	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.3	4.1	4.0	3.9	3.8
COP	4.36	4.16	3.95	3.74	3.60	3.49	3.20	2.93	2.71	2.56	2.45	2.40	2.31	2.07	1.83	1.57	1.29
Hi PR	384	372	359	347	339	334	322	309	297	284	272	264	259	247	234	222	209
LO PR	147	138	129	119	114	110	101	92	83	74	65	59	56	46	37	28	19

GSZM402410A*+AMST24BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	28.5	26.7	24.9	23.1	22.0	21.2	19.1	17.1	15.5	14.3	13.5	13.0	12.4	10.9	9.4	7.9	6.4
T/R	33.7	31.8	30.0	28.1	27.0	26.0	23.4	21.0	19.1	17.6	16.5	16.0	15.2	13.4	11.5	9.7	7.9
KW	2.0	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3
AMPS	7.3	7.1	6.9	6.7	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.4	5.2	5.0	4.8	4.6
COP	4.28	4.10	3.92	3.73	3.60	3.50	3.23	2.98	2.77	2.63	2.55	2.50	2.41	2.19	1.94	1.69	1.41
Hi PR	382	369	357	344	337	332	320	307	295	282	270	263	258	245	233	220	208
LO PR	140	132	123	114	109	106	97	88	79	71	62	57	53	44	36	27	18

GSZM403010A*+AMST30BU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	34.9	32.9	30.9	28.9	27.6	26.7	24.4	22.2	20.4	19.1	18.1	17.6	16.9	15.3	13.6	11.9	10.3
T/R	29.1	27.6	26.2	24.8	23.9	23.1	21.1	19.2	17.6	16.5	15.7	15.2	14.7	13.2	11.8	10.3	8.9
KW	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8
AMPS	7.7	7.6	7.5	7.4	7.3	7.3	7.2	7.0	6.9	6.8	6.7	6.6	6.6	6.4	6.3	6.2	6.1
COP	4.71	4.49	4.27	4.05	3.90	3.79	3.51	3.24	3.01	2.86	2.75	2.70	2.61	2.39	2.16	1.92	1.68
Hi PR	351	340	328	317	310	305	294	283	271	260	248	241	237	225	214	203	191
LO PR	135	127	118	110	105	102	93	85	76	68	60	54	51	43	34	26	17

GSZM403610A*+AMST36CU1400A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	43.8	41.1	38.6	36.0	34.4	33.2	30.3	27.5	25.2	23.5	22.3	21.6	20.7	18.6	16.5	14.3	12.2
T/R	33.9	32.2	30.4	28.7	27.7	26.8	24.4	22.1	20.3	18.9	17.9	17.4	16.7	15.0	13.3	11.6	9.8
KW	3.1	3.1	3.0	2.9	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1
AMPS	11.9	11.5	11.2	10.9	10.7	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.6	8.3	8.0	7.7	7.3
COP	4.07	3.92	3.77	3.61	3.50	3.41	3.20	2.98	2.81	2.69	2.63	2.60	2.53	2.34	2.14	1.93	1.70
Hi PR	434	420	406	391	383	377	363	349	335	321	307	298	293	279	264	250	236
LO PR	133	124	116	108	103	100	91	83	75	67	58	53	50	42	34	25	17

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

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

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

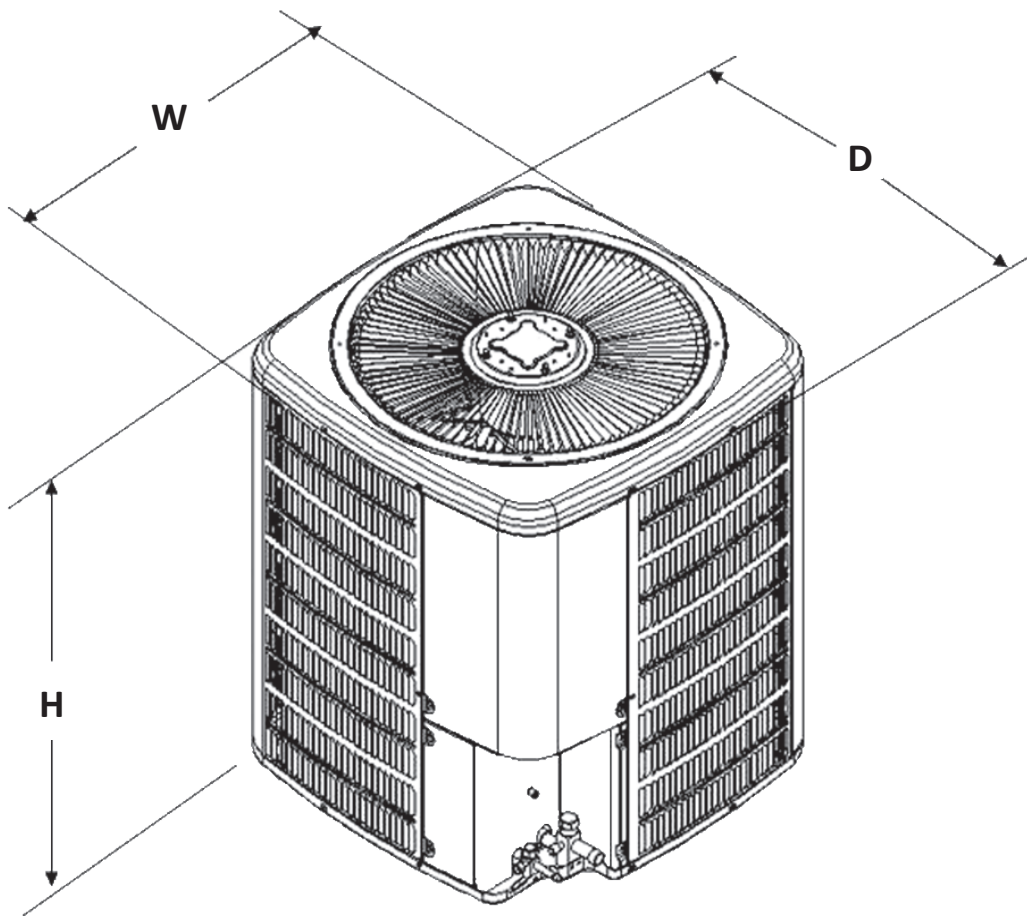
GSZM401810A* + AMST24BU1400A*				
Conditions: 80 °F IBD, 67 °F IWB @ 630 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	18,450	13,650	4,800	1,170
80	18,250	13,500	4,750	1,240
85	18,000	13,300	4,700	1,300
90	17,600	13,050	4,550	1,370
95	17,200	12,750	4,450	1,440
100	16,750	12,400	4,350	1,520
105	16,250	12,050	4,200	1,600
110	15,800	11,750	4,050	1,700
115	15,350	11,400	3,950	1,790
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	16,600	12,800	3,800	1,450

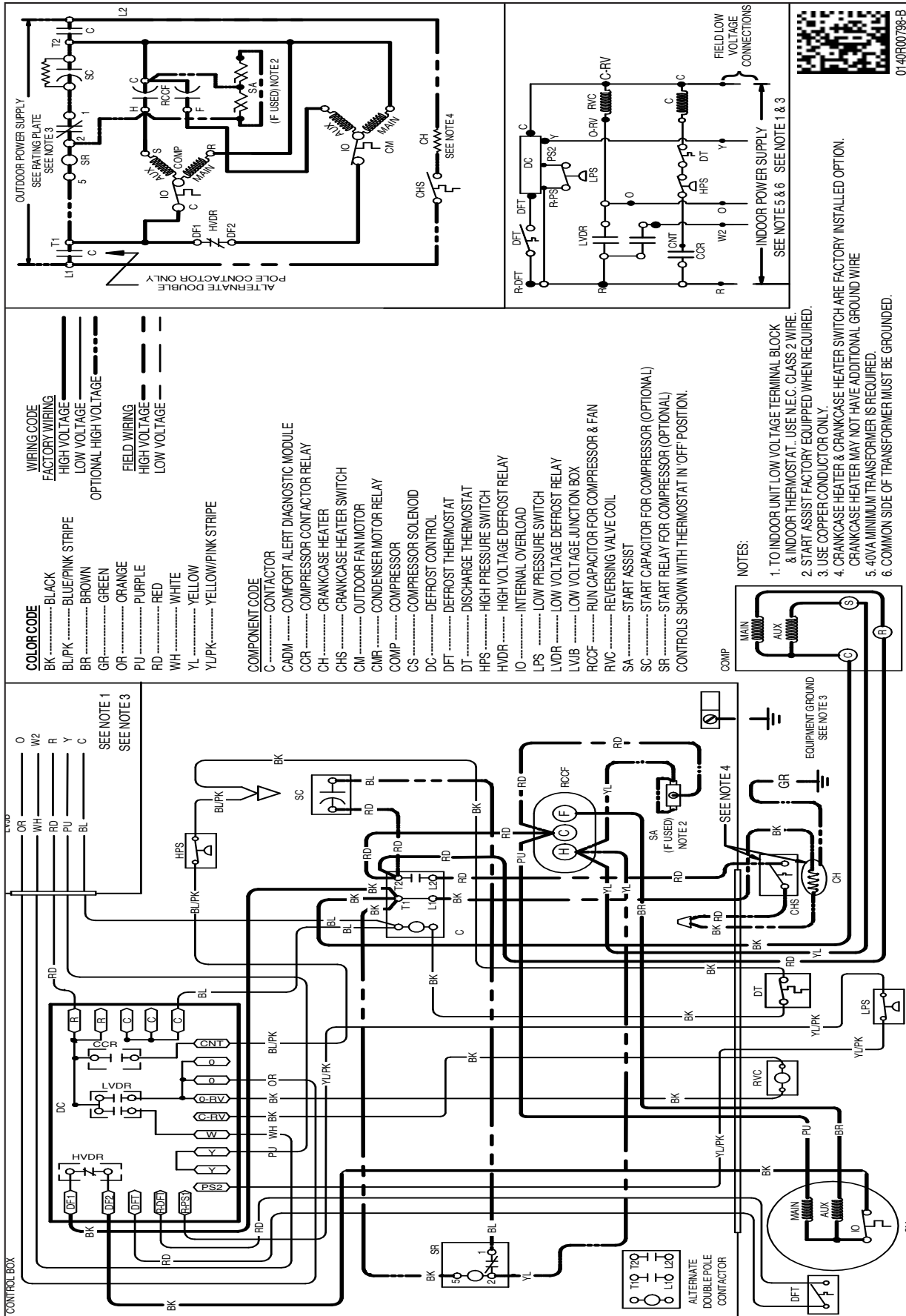
GSZM402410A* + AMST24BU1400A*				
Conditions: 80 °F IBD, 67 °F IWB @ 750 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	24,250	17,700	6,550	1,520
80	23,950	17,500	6,450	1,610
85	23,650	17,300	6,350	1,700
90	23,150	16,900	6,250	1,800
95	22,600	16,500	6,100	1,900
100	22,000	16,050	5,950	2,010
105	21,350	15,600	5,750	2,120
110	20,800	15,200	5,600	2,250
115	20,200	14,750	5,450	2,380
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	21,800	16,550	5,250	1,900

GSZM403010A* + AMST30BU1400A*				
Conditions: 80 °F IBD, 67 °F IWB @ 1070 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,250	22,700	7,550	1,910
80	29,900	22,450	7,450	2,020
85	29,500	22,150	7,350	2,130
90	28,850	21,650	7,200	2,250
95	28,200	21,150	7,050	2,370
100	27,400	20,600	6,800	2,510
105	26,600	20,000	6,600	2,640
110	25,900	19,450	6,450	2,800
115	25,200	18,900	6,300	2,950
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,200	22,050	5,150	2,370

GSZM403610A* + AMST36CU1400A*				
Conditions: 80 °F IBD, 67 °F IWB @ 1150 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	36,900	26,250	10,650	2,320
80	36,450	25,950	10,500	2,460
85	35,950	25,600	10,350	2,590
90	35,200	25,050	10,150	2,740
95	34,400	24,500	9,900	2,890
100	33,450	23,800	9,650	3,060
105	32,500	23,100	9,400	3,220
110	31,600	22,500	9,100	3,420
115	30,700	21,850	8,850	3,610
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,150	24,550	8,600	2,890

MODEL	DIMENSIONS		
	W"	D"	H"
GSZM401810A*	29	29	35 11/16
GSZM402410A*	29	29	35 11/16
GSZM403010A*	29	29	39 8/16
GSZM403610A*	35½	35½	39 10/16





0140R00798-B

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



WARNING

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

MODEL #	DESCRIPTION	GSZB4 01810A	GSZM4 02410A*	GSZM4 03010A*	GSZM4 03610A*
ABK-20	Anchor Bracket Kit [◇]	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X
CSR-U-2	Hard-start Kit				
CSR-U-3	Hard-start Kit				
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lock-out Stat	X	X	X	X
TXV-FX-KX-2T ³	TXV Kit	X	X		
TXV-FX-KX-3T ³	TXV Kit			X	X
TXV-FX-KX-5T ³	TXV Kit				

[◇] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

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

³ Condensing units and heat pumps with reciprocating or rotary compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

