



Air Conditioning & Heating

# GSX13

**SPLIT SYSTEM  
AIR CONDITIONER**

**7.10 EER**

**COOLING CAPACITY:  
19,300 - 48,000 BTU/H**

#### Standard Features

- R-410A chlorine-free refrigerant
- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection

#### Cabinet Features

- Goodman® brand louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



# NOMENCLATURE

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

\* Neither used for order entry or inventory management.



# SPECIFICATIONS

	GSX13 0242A*	GSX13 0362A*	GSX13 0365A*	GSX13 0485A*	GSX13 0605A*
<b>CAPACITIES</b>					
Nominal Cooling (BTU/h / kW) <sup>7</sup>	19,300/ 5.66	29,200/ 8.56	30,500/ 8.93	38,400/ 11.25	48000/ 14.07
EER <sup>6</sup>	7.10	7.50	7.50	7.30	7.35
Decibels	74	74	75	76	77
<b>COMPRESSOR</b>					
RLA	11.2	16.0	6.0	6.8	8.5
LRA	60	87	46	51.5	67.1
<b>CONDENSER FAN MOTOR</b>					
Horsepower	1/4	1/4	1/4	1/4	1/3
FLA	0.9	0.9	0.8	0.8	1.2
<b>REFRIGERATION SYSTEM</b>					
Refrigerant Line Size <sup>1</sup>					
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) <sup>4 5</sup>	3/4"	7/8" <sup>5</sup>	7/8" <sup>5</sup>	7/8" <sup>5</sup>	7/8" <sup>5</sup>
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	73	89	70	87	138
Shipped with Orifice Size	0.055	0.065	0.065	0.076	0.082
<b>CONDENSER FAN/COIL</b>					
Horsepower - RPM	1/4-950	1/4-950	1/4-892	1/4-892	1/3-1075
Fan Diameter/# Fan Blades	18/3	22/3	22/4	22/3	26/3
Outdoor Nominal CFM	1,250	2,200	2,200	2,500	3,000
Face Area (ft <sup>2</sup> )	11.38	15.16	15.16	19.49	25.32
Rows Deep/Fins Per Inch	1/28	1/28	1/28	1/28	1/28
Fin Type	Slit/Lanced	Slit/Lanced	Slit/Lanced	Slit/Lanced	Slit/Lanced
Coil No. of Tubes	40	42	42	54	54
Coil Tube Diameter (in.)	1/5	1/5	1/5	1/5	1/5
<b>ELECTRICAL DATA</b>					
Voltage/Hz	216-253/50/1	216-253/50/1	376-440/50/3	376-440/50/3	376-440/50/3
Minimum Circuit Ampacity <sup>2</sup>	14.9	20.9	8.3	9.3	11.8
Max. Overcurrent Protection <sup>3</sup>	25 amps	35 amps	15 amps	15 amps	20 amps
Min / Max Volts	198/264	198/264	342/462	342/462	342/462
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"
<b>EQUIPMENT WEIGHT (LBS)</b>					
	115	156	154	192	288
<b>SHIP WEIGHT (LBS)</b>					
	132	174	172	210	310

<sup>1</sup> Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

<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.

<sup>4</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>5</sup> Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.

<sup>6</sup> Energy Efficiency Ratio @ 80°F / 67°F / 118.4°F

<sup>7</sup> Nominal Capacity @ 80°F / 67°F / 118.4°F

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- 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 — GSX130242AA + A24-00-2RC

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	700	MBh	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.0	-	18.4	19.1	20.9	-	17.1	17.7	19.4	-	15.7	16.3	17.8	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-	0.82	0.69	0.48	-
		Δ T	18.5	16.0	12.1	-	18.7	16.2	12.3	-	18.7	16.2	12.3	-	18.8	16.3	12.4	-	18.6	16.1	12.2	-	17.4	15.0	11.4	-	17.0	14.7	11.1	-
		kW	1.41	1.45	1.50	-	1.53	1.57	1.63	-	1.64	1.68	1.74	-	1.74	1.78	1.84	-	1.82	1.86	1.93	-	1.89	1.93	2.00	-	1.89	1.93	2.00	-
		Amps	6.4	6.5	6.7	-	6.8	7.0	7.2	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	8.9	9.1	9.4	-
		Hi PR	234	251	265	-	262	282	298	-	298	321	339	-	339	365	386	-	382	411	434	-	422	454	480	-	422	454	480	-
	Lo PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	124	132	144	-	124	132	144	-	
	770	MBh	21.5	22.3	24.4	-	21.0	21.8	23.8	-	20.5	21.2	23.3	-	20.0	20.7	22.7	-	19.0	19.7	21.6	-	17.6	18.2	20.0	-	16.2	16.8	18.4	-
		S/T	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	0.84	0.70	0.49	-
		Δ T	17.7	15.3	11.6	-	17.9	15.5	11.8	-	17.9	15.5	11.8	-	18.0	15.6	11.8	-	17.8	15.4	11.7	-	16.6	14.4	10.9	-	16.2	14.0	10.7	-
		kW	1.43	1.47	1.52	-	1.56	1.60	1.65	-	1.67	1.71	1.77	-	1.76	1.81	1.87	-	1.85	1.89	1.96	-	1.92	1.96	2.03	-	1.92	1.96	2.03	-
		Amps	6.4	6.6	6.8	-	6.9	7.1	7.3	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-	9.0	9.2	9.5	-
Hi PR		238	256	270	-	267	287	303	-	303	326	345	-	345	372	392	-	389	418	441	-	429	462	488	-	429	462	488	-	
Lo PR	101	108	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-		
900	MBh	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.8	23.9	-	20.5	21.2	23.3	-	19.5	20.2	22.1	-	18.0	18.7	20.5	-	16.6	17.2	18.9	-	
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.88	0.74	0.51	-	
	Δ T	16.3	14.1	10.7	-	16.5	14.3	10.9	-	16.5	14.3	10.9	-	16.7	14.4	10.9	-	16.4	14.2	10.8	-	15.3	13.3	10.1	-	15.0	13.0	9.9	-	
	kW	1.45	1.48	1.53	-	1.57	1.61	1.67	-	1.68	1.72	1.78	-	1.78	1.82	1.89	-	1.86	1.91	1.98	-	1.93	1.98	2.05	-	1.93	1.98	2.05	-	
	Amps	6.5	6.7	6.9	-	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.1	9.3	9.6	-	
	Hi PR	240	258	273	-	269	290	306	-	306	330	348	-	349	375	396	-	392	422	446	-	434	467	493	-	434	467	493	-	
Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-	128	136	148	-		
75	700	MBh	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	20.2	20.8	22.5	24.2	19.7	20.3	22.0	23.6	18.7	19.3	20.9	22.4	17.4	17.9	19.3	20.8	16.0	16.5	17.8	19.1
		S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38	0.93	0.84	0.63	0.41
		Δ T	21.3	19.7	16.1	11.1	21.6	19.9	16.3	11.3	21.6	19.9	16.3	11.3	21.8	20.1	16.4	11.3	21.5	19.8	16.2	11.2	20.1	18.5	15.1	10.5	19.6	18.1	14.8	10.2
		kW	1.43	1.46	1.51	1.56	1.55	1.59	1.64	1.70	1.66	1.70	1.76	1.82	1.75	1.80	1.86	1.93	1.83	1.88	1.95	2.02	1.90	1.95	2.02	2.10	1.90	1.95	2.02	2.10
		Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.3	9.0	9.2	9.5	9.8	9.0	9.2	9.5	9.8
		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	426	459	484	505
	Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	126	134	146	155	126	134	146	155	
	770	MBh	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.5	20.8	21.5	23.2	24.9	20.3	20.9	22.7	24.3	19.3	19.9	21.5	23.1	17.9	18.4	19.9	21.4	16.5	17.0	18.4	19.7
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	0.95	0.85	0.65	0.42
		Δ T	20.4	18.8	15.4	10.6	20.7	19.0	15.6	10.8	20.7	19.1	15.6	10.8	20.8	19.2	15.7	10.9	20.6	18.9	15.5	10.7	19.2	17.7	14.5	10.0	18.8	17.3	14.2	9.8
		kW	1.45	1.48	1.53	1.59	1.57	1.61	1.67	1.73	1.68	1.72	1.79	1.85	1.78	1.82	1.89	1.96	1.86	1.91	1.98	2.05	1.93	1.98	2.05	2.13	1.93	1.98	2.05	2.13
		Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.1	9.3	9.6	10.0
Hi PR		240	258	273	284	269	290	306	319	306	330	348	363	349	375	396	413	392	422	446	465	434	467	493	514	434	467	493	514	
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	128	136	148	158		
900	MBh	22.4	23.1	25.0	26.8	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.6	20.8	21.5	23.2	24.9	20.3	20.9	22.6	24.3	19.8	20.4	22.1	23.7	18.3	18.9	20.4	21.9	
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	1.00	0.90	0.68	0.44	
	Δ T	18.9	17.4	14.2	9.8	19.1	17.6	14.4	10.0	19.1	17.6	14.4	10.0	19.3	17.7	14.5	10.0	19.0	17.5	14.3	9.9	17.7	16.3	13.4	9.2	17.3	16.0	13.1	9.0	
	kW	1.46	1.50	1.55	1.60	1.59	1.62	1.68	1.74	1.70	1.74	1.80	1.87	1.80	1.84	1.91	1.98	1.88	1.93	2.00	2.07	1.95	2.00	2.07	2.15	1.95	2.00	2.07	2.15	
	Amps	6.6	6.7	6.9	7.2	7.1	7.2	7.5	7.7	7.7	7.8	8.1	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.2	9.4	9.7	10.1	
	Hi PR	242	261	275	287	272	293	309	322	309	333	352	367	352	379	400	418	396	427	450	470	438	471	498	519	438	471	498	519	
Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160	129	137	150	160		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects ACCA (TVA) Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

EXPANDED COOLING DATA — GSX130242AA + A24-00-2RC (CONT.)

IDB		Outdoor Ambient Temperature (°F)																											
		65			75			85			105			115			125												
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127										
		Entering Indoor Wet Bulb Temperature (°F)																											
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127										
700	MBh	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.6	21.0	22.5	24.0	20.1	20.5	21.9	23.4	19.1	19.5	20.8	22.3	17.7	18.1	19.3	20.6	16.3	16.6	17.8	19.0
	S/T	0.84	0.79	0.64	0.48	0.9	0.82	0.66	0.50	0.9	0.84	0.68	0.51	0.9	0.86	0.70	0.53	1.0	0.90	0.73	0.55	1.0	0.90	0.74	0.55	1.0	0.96	0.78	0.58
	Δ T	23.8	22.8	19.9	15.9	24.1	23.1	20.1	16.1	24.1	23.1	20.1	16.1	24.3	23.3	20.3	16.2	24.0	23.0	20.0	16.0	22.4	21.5	18.7	14.9	21.9	21.0	18.2	14.6
	KW	1.44	1.47	1.52	1.58	1.6	1.60	1.66	1.72	1.7	1.71	1.77	1.84	1.8	1.81	1.88	1.95	1.9	1.90	1.96	2.04	1.9	1.97	2.04	2.12	1.9	1.97	2.04	2.12
	Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4	9.0	9.3	9.6	9.9	9.0	9.3	9.6	9.9
80	Hi PR	238	256	271	282	267.4	288	304	317	304.1	327	346	360	346.4	373	394	411	389.7	419	443	462	430.6	463	489	510	430.6	463	489	510
	Lo PR	101	108	118	125	107.1	114	124	133	111.4	118	129	138	117.0	124	136	145	122.6	130	142	152	126.8	135	147	157	126.8	135	147	157
	MBh	22.3	22.7	24.3	26.0	21.7	22.2	23.7	25.4	21.2	21.7	23.2	24.8	20.7	21.2	22.6	24.2	19.7	20.1	21.5	23.0	18.2	18.6	19.9	21.3	16.8	17.1	18.3	19.6
	S/T	0.86	0.80	0.66	0.49	0.9	0.83	0.68	0.51	0.9	0.86	0.70	0.52	0.9	0.88	0.72	0.54	1.0	0.92	0.75	0.56	1.0	0.92	0.75	0.56	1.0	0.98	0.80	0.60
	Δ T	22.8	21.9	19.0	15.2	23.1	22.1	19.2	15.4	23.1	22.1	19.3	15.4	23.3	22.3	19.4	15.5	22.9	22.0	19.1	15.3	21.4	20.5	17.9	14.3	20.0	20.1	17.5	13.9
900	KW	1.46	1.50	1.55	1.60	1.6	1.62	1.68	1.74	1.7	1.74	1.80	1.87	1.8	1.84	1.91	1.98	1.9	1.93	2.00	2.07	2.0	2.00	2.07	2.15	2.0	2.00	2.07	2.15
	Amps	6.6	6.7	6.9	7.2	7.1	7.2	7.5	7.7	7.7	7.8	8.1	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.2	9.4	9.7	10.1
	Hi PR	242	261	276	287	272.0	293	309	322	309.4	333	352	367	352.4	379	400	418	396.4	427	451	470	438.0	471	498	519	438.0	471	498	519
	Lo PR	103	110	120	128	109.0	116	127	135	113.3	121	132	140	119.0	127	138	147	124.7	133	145	154	129.0	137	150	160	129.0	137	150	160
	MBh	22.8	23.3	24.9	26.6	22.3	22.8	24.3	26.0	21.7	22.2	23.7	25.4	21.2	21.7	23.2	24.8	20.2	20.6	22.0	23.5	18.7	19.1	20.4	21.8	17.2	17.6	18.8	20.1
85	S/T	0.90	0.85	0.69	0.52	0.9	0.88	0.72	0.53	1.0	0.90	0.73	0.55	1.0	0.93	0.76	0.57	1.0	0.97	0.79	0.59	1.0	0.97	0.79	0.59	1.0	1.00	0.84	0.63
	Δ T	21.1	20.2	17.6	14.0	21.3	20.4	17.8	14.2	21.3	20.5	17.9	14.3	20.6	20.3	17.7	14.1	19.1	19.0	16.5	13.2	17.6	17.9	16.1	12.9	17.9	16.1	12.9	
	KW	1.47	1.51	1.56	1.62	1.6	1.64	1.70	1.76	1.7	1.76	1.82	1.88	1.8	1.86	1.92	1.99	1.9	1.94	2.01	2.09	2.0	2.02	2.09	2.17	2.0	2.02	2.09	2.17
	Amps	6.6	6.8	7.0	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2	9.3	9.5	9.8	10.2
	Hi PR	245	264	278	290	274.8	296	312	326	312.5	336	355	370	355.9	383	404	422	400.4	431	455	475	442.4	476	503	524	442.4	476	503	524
700	Lo PR	104	111	121	129	110.1	117	128	136	114.4	122	133	142	120.2	128	140	149	125.9	134	146	156	130.3	139	151	161	130.3	139	151	161
	MBh	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.2	21.6	22.0	23.0	24.6	21.1	21.5	22.5	24.0	20.0	20.4	21.4	22.8	18.5	18.9	19.8	21.1	17.1	17.4	18.2	19.4
	S/T	0.90	0.87	0.78	0.64	0.9	0.90	0.81	0.66	1.0	0.92	0.83	0.68	1.0	0.95	0.86	0.70	1.0	0.99	0.89	0.72	1.0	1.00	0.90	0.73	1.0	1.00	0.95	0.77
	Δ T	24.3	23.9	22.6	19.6	24.6	24.2	22.9	19.8	24.6	24.2	22.9	19.8	24.8	24.4	23.1	20.0	23.9	24.1	22.8	19.7	22.1	22.5	21.3	18.4	20.4	20.8	20.8	18.0
	KW	1.47	1.51	1.56	1.62	1.6	1.64	1.70	1.76	1.7	1.76	1.82	1.88	1.8	1.86	1.92	1.99	1.9	1.94	2.01	2.09	2.0	2.02	2.09	2.17	2.0	2.02	2.09	2.17
770	Amps	6.6	6.8	7.0	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2	9.3	9.5	9.8	10.2
	Hi PR	245	264	278	290	274.8	296	312	326	312.5	336	355	370	355.9	383	404	422	400.4	431	455	475	442.4	476	503	524	442.4	476	503	524
	Lo PR	104	111	121	129	110.1	117	128	136	114.4	122	133	142	120.2	128	140	149	125.9	134	146	156	130.3	139	151	161	130.3	139	151	161
	MBh	23.2	23.7	24.8	26.4	22.7	23.1	24.2	25.8	22.1	22.6	23.6	25.2	21.6	22.0	23.0	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.6	17.5	17.8	18.7	19.9
	S/T	0.95	0.91	0.83	0.67	1.0	0.95	0.86	0.69	1.0	0.97	0.88	0.71	1.0	1.00	0.91	0.73	1.0	1.00	0.94	0.76	1.0	1.00	0.95	0.77	1.0	1.00	1.00	0.82
900	Δ T	22.5	22.1	20.9	18.1	22.8	22.4	21.2	18.3	22.6	22.4	21.2	18.3	22.1	22.5	21.3	18.5	21.0	21.4	21.0	18.2	19.4	19.8	19.6	17.0	17.9	18.2	19.1	16.6
	KW	1.49	1.52	1.58	1.63	1.6	1.65	1.71	1.78	1.7	1.77	1.83	1.90	1.8	1.87	1.94	2.01	1.9	1.96	2.03	2.11	2.0	2.04	2.11	2.19	2.0	2.04	2.11	2.19
	Amps	6.7	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.6	9.9	10.2	9.3	9.6	9.9	10.2
	Hi PR	247	266	281	293	277.5	299	315	329	315.6	340	359	374	359.5	387	408	426	404.4	435	460	479	446.8	481	508	530	446.8	481	508	530
	Lo PR	105	112	122	130	111.2	118	129	138	115.6	123	134	143	121.4	129	141	150	127.2	135	148	157	131.6	140	153	163	131.6	140	153	163

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects AHRI Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

# EXPANDED COOLING DATA — GSX130362AA + A36-00-2RC

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	1085	MBh	32.2	33.3	36.5	-	31.4	32.6	35.7	-	30.7	31.8	34.8	-	29.9	31.0	34.0	-	28.4	29.5	32.3	-	26.3	27.3	29.9	-	24.2	25.1	27.5	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.85	0.71	0.49	-
		ΔT	19.0	16.5	12.5	-	19.2	16.7	12.6	-	19.3	16.7	12.7	-	19.4	16.8	12.7	-	19.1	16.6	12.6	-	17.9	15.5	11.7	-	17.5	15.1	11.5	-
		kW	2.09	2.14	2.21	-	2.27	2.32	2.41	-	2.43	2.49	2.58	-	2.57	2.63	2.73	-	2.69	2.76	2.86	-	2.79	2.86	2.97	-	2.79	2.86	2.97	-
		Amps	9.3	9.5	9.9	-	10.1	10.3	10.7	-	10.9	11.2	11.6	-	11.7	12.0	12.4	-	12.4	12.7	13.2	-	13.2	13.5	13.9	-	13.2	13.5	13.9	-
		Hi PR	226	243	257	-	253	273	288	-	288	310	328	-	328	353	373	-	369	397	420	-	408	439	464	-	408	439	464	-
	Lo PR	97	104	113	-	103	110	120	-	107	114	124	-	112	120	131	-	118	125	137	-	122	130	141	-	122	130	141	-	
	MBh	32.6	33.8	37.1	-	31.9	33.0	36.2	-	31.1	32.3	35.3	-	30.4	31.5	34.5	-	28.8	29.9	32.8	-	26.7	27.7	30.3	-	24.6	25.5	27.9	-	
	S/T	0.73	0.61	0.42	-	0.76	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	-	0.89	0.74	0.51	-	
	ΔT	18.2	15.8	12.0	-	18.4	16.0	12.1	-	18.5	16.0	12.1	-	18.6	16.1	12.2	-	18.3	15.9	12.0	-	17.1	14.8	11.3	-	16.7	14.5	11.0	-	
	kW	2.10	2.15	2.23	-	2.28	2.34	2.42	-	2.44	2.50	2.59	-	2.59	2.65	2.75	-	2.71	2.77	2.87	-	2.81	2.88	2.98	-	2.81	2.88	2.98	-	
	Amps	9.4	9.6	9.9	-	10.1	10.4	10.7	-	11.0	11.3	11.6	-	11.8	12.0	12.4	-	12.5	12.8	13.2	-	13.3	13.6	14.0	-	13.3	13.6	14.0	-	
Hi PR	227	245	258	-	255	275	290	-	290	312	330	-	331	356	376	-	372	400	423	-	411	442	467	-	411	442	467	-		
Lo PR	98	104	114	-	104	110	120	-	108	115	125	-	113	120	131	-	119	126	138	-	123	130	142	-	123	130	142	-		
MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.0	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.2	28.2	30.9	-	25.1	26.0	28.5	-		
S/T	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	0.71	0.49	-	0.85	0.71	0.49	-	0.90	0.75	0.52	-		
ΔT	16.8	14.5	11.0	-	17.0	14.7	11.2	-	17.0	14.7	11.2	-	17.2	14.8	11.3	-	16.9	14.6	11.1	-	15.8	13.7	10.4	-	15.4	13.4	10.1	-		
kW	2.13	2.18	2.25	-	2.31	2.37	2.45	-	2.47	2.53	2.62	-	2.62	2.68	2.78	-	2.74	2.81	2.91	-	2.84	2.91	3.02	-	2.84	2.91	3.02	-		
Amps	9.5	9.7	10.0	-	10.3	10.5	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.7	14.2	-	13.4	13.7	14.2	-		
Hi PR	230	248	262	-	258	278	294	-	294	316	334	-	335	360	380	-	377	405	428	-	416	448	473	-	416	448	473	-		
Lo PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	124	132	144	-	124	132	144	-		
MBh	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.2	32.1	34.7	37.3	30.4	31.3	33.9	36.4	28.9	29.8	32.2	34.6	26.8	27.6	29.8	32.0	24.6	25.4	27.5	29.5		
S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.97	0.86	0.65	0.42		
ΔT	20.0	20.2	16.6	11.4	22.2	20.5	16.8	11.6	22.3	20.5	16.8	11.6	22.4	20.7	16.9	11.7	22.1	20.4	16.7	11.5	20.7	19.0	15.6	10.8	20.2	18.6	15.2	10.5		
kW	2.11	2.16	2.24	2.32	2.29	2.35	2.43	2.52	2.45	2.51	2.60	2.70	2.59	2.66	2.75	2.85	2.71	2.78	2.88	2.99	2.82	2.89	2.99	3.10	2.82	2.89	2.99	3.10		
Amps	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	13.3	13.6	14.1	14.6		
Hi PR	228	246	259	270	256	276	291	303	291	313	331	345	332	357	377	393	373	401	424	442	412	444	468	489	412	444	468	489		
Lo PR	98	105	114	122	104	111	121	129	108	115	126	134	114	121	132	140	119	127	138	147	123	131	143	152	123	131	143	152		
MBh	33.2	34.2	37.0	39.7	32.4	33.4	36.1	38.8	31.6	32.6	35.3	37.9	30.9	31.8	34.4	36.9	29.3	30.2	32.7	35.1	27.2	28.0	30.3	32.5	25.0	25.8	27.9	29.9		
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	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	1.00	0.90	0.68	0.44		
ΔT	21.1	19.4	15.9	11.0	21.3	19.6	16.1	11.1	21.3	19.7	16.1	11.1	21.5	19.8	16.2	11.2	21.2	19.5	16.0	11.0	19.8	18.2	14.9	10.3	19.2	17.8	14.6	10.1		
kW	2.12	2.17	2.25	2.33	2.31	2.36	2.45	2.53	2.47	2.53	2.62	2.71	2.61	2.67	2.77	2.87	2.73	2.80	2.90	3.01	2.84	2.91	3.01	3.12	2.84	2.91	3.01	3.12		
Amps	9.5	9.7	10.0	10.4	10.2	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	13.4	13.9	13.4	13.7	14.2	14.7	13.4	13.7	14.2	14.7		
Hi PR	230	247	261	272	258	277	293	306	293	316	333	348	334	359	379	396	376	404	427	445	415	447	472	492	415	447	472	492		
Lo PR	99	105	115	123	105	111	122	130	109	116	126	135	114	122	133	141	120	127	139	148	124	132	144	153	124	132	144	153		
MBh	33.8	34.8	37.7	40.5	33.1	34.0	36.8	39.5	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	33.1	25.5	26.3	28.4	30.5		
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	0.92	0.83	0.63	0.40	0.95	0.86	0.65	0.42	0.97	0.87	0.66	0.42	1.00	0.92	0.70	0.45		
ΔT	19.4	17.9	14.7	10.1	19.7	18.1	14.8	10.2	19.7	18.1	14.8	10.3	19.8	18.3	15.0	10.3	19.5	18.0	14.7	10.2	18.3	16.8	13.8	9.5	17.4	16.4	13.5	9.3		
kW	2.15	2.20	2.28	2.36	2.33	2.39	2.47	2.56	2.50	2.56	2.65	2.75	2.64	2.71	2.80	2.91	2.76	2.83	2.94	3.04	2.87	2.94	3.05	3.16	2.87	2.94	3.05	3.16		
Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.4	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.0	13.5	13.9	14.3	14.9	13.5	13.9	14.3	14.9		
Hi PR	233	250	264	276	261	281	297	310	297	320	337	352	338	364	384	401	381	410	432	451	420	452	478	498	420	452	478	498		
Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	126	134	146	155	126	134	146	155		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects ACCA (TVA) Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps



EXPANDED COOLING DATA — GSX130362AA + A36-00-2RC (CONT.)

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	1085	MBh	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	31.0	31.6	33.8	36.1	29.4	30.1	32.1	34.3	27.2	27.8	29.7	31.8	25.1	25.6	27.4	29.3
		S/T	0.87	0.82	0.66	0.50	0.9	0.85	0.69	0.51	0.9	0.87	0.71	0.53	1.0	0.89	0.73	0.54	1.0	0.93	0.76	0.57	1.0	0.94	0.76	0.57	1.0	0.99	0.81	0.60
		Δ T	24.5	23.5	20.4	16.3	24.8	23.8	20.7	16.5	24.9	23.8	20.7	16.6	25.0	24.0	20.9	16.7	24.7	23.7	20.6	16.4	23.1	22.1	19.2	15.4	21.2	21.6	18.8	15.0
		kW	2.13	2.18	2.26	2.34	2.3	2.37	2.45	2.54	2.5	2.53	2.63	2.72	2.6	2.68	2.78	2.88	2.7	2.81	2.91	3.02	2.8	2.92	3.02	3.13	2.8	2.92	3.02	3.13
		Amps	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.3	11.1	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	14.8	13.4	13.7	14.2	14.8
		Hi PR	230	248	262	273	258.6	278	294	306	294.1	316	334	349	335.0	360	381	397	376.8	406	428	447	416.4	448	473	493	416.4	448	473	493
	Lo PR	99	106	115	123	105.0	112	122	130	109.2	116	127	135	114.7	122	133	142	120.2	128	140	149	124.3	132	144	154	124.3	132	144	154	
	1200	MBh	33.8	34.5	36.9	39.4	33.0	33.7	36.0	38.5	32.2	32.9	35.2	37.6	31.4	32.1	34.3	36.7	29.9	30.5	32.6	34.8	27.7	28.3	30.2	32.3	25.5	26.0	27.8	29.7
		S/T	0.91	0.85	0.69	0.52	0.9	0.88	0.72	0.54	1.0	0.91	0.74	0.55	1.0	0.93	0.76	0.57	1.0	0.97	0.79	0.59	1.0	0.98	0.80	0.60	1.0	1.00	0.85	0.63
		Δ T	23.5	22.5	19.6	15.7	23.8	22.8	19.8	15.8	23.8	22.8	19.9	15.9	24.0	23.0	20.0	16.0	22.9	22.7	19.7	15.8	21.2	21.2	18.4	14.7	19.5	19.9	18.0	14.4
		kW	2.14	2.19	2.27	2.35	2.3	2.38	2.47	2.56	2.5	2.55	2.64	2.74	2.6	2.70	2.80	2.90	2.8	2.83	2.93	3.04	2.9	2.93	3.04	3.15	2.9	2.93	3.04	3.15
		Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.7	13.1	13.5	14.0	13.5	13.8	14.3	14.9	13.5	13.8	14.3	14.9
Hi PR		232	250	264	275	260.4	280	296	309	296.2	319	337	351	337.3	363	383	400	379.5	408	431	450	419.3	451	476	497	419.3	451	476	497	
Lo PR	100	107	116	124	105.8	113	123	131	109.9	117	128	136	115.5	123	134	143	121.0	129	141	150	125.2	133	145	155	125.2	133	145	155		
1350	MBh	34.4	35.2	37.6	40.2	33.6	34.4	36.7	39.3	32.8	33.6	35.9	38.3	32.0	32.7	35.0	37.4	30.4	31.1	33.2	35.5	28.2	28.8	30.8	32.9	26.0	26.5	28.3	30.3	
	S/T	0.92	0.87	0.71	0.53	1.0	0.90	0.73	0.55	1.0	0.92	0.75	0.56	1.0	0.95	0.77	0.58	1.0	1.00	0.80	0.60	1.0	1.00	0.81	0.61	1.0	1.00	0.86	0.64	
	Δ T	21.7	20.8	18.1	14.4	22.0	21.0	18.3	14.6	22.4	21.1	18.3	14.6	21.8	21.2	18.4	14.7	20.7	21.2	18.2	14.5	19.2	19.6	17.0	13.6	17.7	18.1	16.6	13.3	
	kW	2.17	2.22	2.30	2.38	2.4	2.41	2.50	2.59	2.5	2.58	2.67	2.77	2.7	2.73	2.83	2.93	2.8	2.86	2.96	3.07	2.9	2.97	3.08	3.19	2.9	2.97	3.08	3.19	
	Amps	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.5	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.0	13.7	14.0	14.5	15.0	
	Hi PR	235	253	267	279	263.8	284	300	313	300.0	323	341	356	341.7	368	388	405	384.4	414	437	456	424.7	457	483	503	424.7	457	483	503	
Lo PR	101	108	118	125	107.1	114	124	133	111.3	118	129	138	117.0	124	136	145	122.6	130	142	152	126.8	135	147	157	126.8	135	147	157		
85	1085	MBh	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.5	36.8	31.5	32.1	33.6	35.9	29.9	30.5	31.9	34.1	27.7	28.3	29.6	31.6	25.5	26.0	27.2	29.1
		S/T	0.91	0.88	0.79	0.64	0.9	0.91	0.82	0.67	1.0	0.94	0.84	0.68	1.0	0.97	0.87	0.71	1.0	1.00	0.90	0.73	1.0	1.00	0.91	0.74	1.0	1.00	0.97	0.79
		Δ T	26.2	25.7	24.3	21.1	26.5	26.1	24.6	21.3	26.5	26.1	24.7	21.3	26.7	26.3	24.8	21.5	25.4	25.8	24.5	21.2	23.5	23.9	22.9	19.8	21.6	22.0	22.3	19.3
		kW	2.15	2.20	2.28	2.36	2.3	2.39	2.47	2.56	2.5	2.56	2.65	2.75	2.6	2.71	2.80	2.91	2.8	2.83	2.94	3.04	2.9	2.94	3.05	3.16	2.9	2.94	3.05	3.16
		Amps	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.4	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.1	13.5	13.9	14.3	14.9	13.5	13.9	14.3	14.9
		Hi PR	233	250	265	276	261.2	281	297	310	297.0	320	338	352	338.3	364	384	401	380.6	410	433	451	420.5	453	478	498	420.5	453	478	498
	Lo PR	100	107	117	124	106.1	113	123	131	110.2	117	128	136	115.8	123	135	143	121.4	129	141	150	125.5	134	146	155	125.5	134	146	155	
	1200	MBh	34.4	35.0	36.7	39.1	33.6	34.2	35.8	38.2	32.8	33.4	35.0	37.3	32.0	32.6	34.1	36.4	30.4	31.0	32.4	34.6	28.1	28.7	30.0	32.0	25.9	26.4	27.6	29.5
		S/T	0.95	0.92	0.83	0.67	1.0	0.95	0.86	0.70	1.0	0.98	0.88	0.72	1.0	1.00	0.91	0.74	1.0	1.00	0.94	0.77	1.0	1.00	0.95	0.77	1.0	1.00	1.00	0.82
		Δ T	25.1	24.7	23.3	20.2	25.4	25.0	23.6	20.4	25.1	25.0	23.6	20.4	24.5	25.0	23.8	20.6	23.3	23.7	23.5	20.3	21.6	22.0	21.9	19.0	19.8	20.2	21.2	18.5
		kW	2.16	2.21	2.29	2.37	2.3	2.40	2.49	2.58	2.5	2.57	2.67	2.76	2.7	2.72	2.82	2.93	2.8	2.85	2.95	3.06	2.9	2.96	3.07	3.18	2.9	2.96	3.07	3.18
		Amps	9.6	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	14.0	14.4	15.0	13.6	14.0	14.4	15.0
Hi PR		234	252	266	278	263.0	283	299	312	299.1	322	340	355	340.7	367	387	404	383.3	412	436	454	423.5	456	481	502	423.5	456	481	502	
Lo PR	101	108	117	125	106.8	114	124	132	111.0	118	129	137	116.6	124	135	144	122.2	130	142	151	126.4	134	147	156	126.4	134	147	156		
1350	MBh	35.0	35.7	37.4	39.9	34.2	34.9	36.5	39.0	33.4	34.1	35.7	38.1	32.6	33.2	34.8	37.1	31.0	31.6	33.1	35.3	28.7	29.2	30.6	32.7	26.4	26.9	28.2	30.1	
	S/T	0.97	0.94	0.84	0.68	1.0	0.97	0.87	0.71	1.0	0.99	0.90	0.73	1.0	1.00	0.93	0.75	1.0	1.00	0.96	0.78	1.0	1.00	0.97	0.79	1.0	1.00	1.00	0.83	
	Δ T	23.1	22.8	21.5	18.6	23.3	23.0	21.8	18.8	22.8	23.1	21.8	18.9	22.2	22.6	21.9	19.0	21.1	21.5	21.6	18.7	19.5	19.9	20.2	17.5	18.0	18.3	19.2	17.1	
	kW	2.18	2.24	2.32	2.40	2.4	2.43	2.52	2.61	2.5	2.60	2.70	2.80	2.7	2.76	2.86	2.96	2.8	2.88	2.99	3.10	2.9	3.00	3.11	3.22	2.9	3.00	3.11	3.22	
	Amps	9.8	10.0	10.3	10.7	10.5	10.8	11.1	11.6	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2	13.8	14.1	14.6	15.2	
	Hi PR	237	255	270	281	266.4	287	303	316	303.0	326	344	359	345.1	371	392	409	388.2	418	441	460	428.9	462	487	508	428.9	462	487	508	
Lo PR	102	109	119	127	108.2	115	126	134	112.5	120	131	139	118.1	126	137	146	123.8	132	144	153	128.0	136	149	158	128.0	136	149	158		

IDB = Entering Indoor Dry Bulb Temperature  
 HI PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects AHRI Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

# EXPANDED COOLING DATA — GSX130365AA + A36-00-2RC

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
70	1050	MBh	31.4	32.5	35.6	-	30.6	31.8	34.8	-	29.9	31.0	34.0	-	29.2	30.2	33.1	-	27.7	28.7	31.5	-	25.7	26.6	29.2	-	23.6	24.5	26.8	-
		S/T	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.73	0.61	0.42	-	0.78	0.65	0.45	-
	Δ T	17.5	15.1	11.5	-	17.7	15.3	11.6	-	17.7	15.3	11.6	-	17.8	15.4	11.7	-	17.6	15.2	11.6	-	16.4	14.2	10.8	-	16.1	13.9	10.5	-	
	kW	2.09	2.14	2.22	-	2.28	2.33	2.41	-	2.43	2.49	2.58	-	2.58	2.64	2.73	-	2.70	2.76	2.86	-	2.80	2.87	2.97	-	2.80	2.87	2.97	-	
	Amps	4.1	4.2	4.4	-	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.0	5.2	5.3	-	5.3	5.5	5.6	-	5.6	5.8	6.0	-	5.6	5.8	6.0	-	
	Hi PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	408	-	397	427	451	-	397	427	451	-	
	Lo PR	92	98	107	-	97	104	113	-	101	108	118	-	106	113	123	-	111	118	129	-	115	123	134	-	115	123	134	-	
	MBh	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.5	32.6	35.7	-	30.7	31.8	34.9	-	29.2	30.2	33.1	-	27.0	28.0	30.7	-	24.9	25.8	28.2	-	
	S/T	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.62	0.43	-	0.79	0.66	0.46	-	
	Δ T	16.6	14.4	10.9	-	16.8	14.5	11.0	-	16.8	14.5	11.0	-	16.9	14.7	11.1	-	16.7	14.4	11.0	-	15.6	13.5	10.2	-	15.2	13.2	10.0	-	
kW	2.13	2.18	2.26	-	2.32	2.37	2.46	-	2.48	2.54	2.63	-	2.62	2.69	2.78	-	2.75	2.81	2.91	-	2.85	2.92	3.03	-	2.85	2.92	3.03	-		
Amps	4.1	4.2	4.4	-	4.4	4.6	4.7	-	4.8	4.9	5.1	-	5.1	5.2	5.4	-	5.4	5.6	5.7	-	5.7	5.9	6.1	-	5.7	5.9	6.1	-		
Hi PR	224	241	254	-	251	270	286	-	286	308	325	-	325	350	370	-	366	394	416	-	405	435	460	-	405	435	460	-		
Lo PR	94	100	109	-	99	106	115	-	103	110	120	-	108	115	126	-	114	121	132	-	118	125	137	-	118	125	137	-		
MBh	33.8	35.1	38.4	-	33.1	34.3	37.5	-	32.3	33.4	36.6	-	31.5	32.6	35.7	-	29.9	31.0	34.0	-	27.7	28.7	31.5	-	25.5	26.4	29.0	-		
S/T	0.69	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	-	0.79	0.66	0.46	-	0.84	0.70	0.48	-		
Δ T	15.8	13.7	10.4	-	16.0	13.8	10.5	-	16.0	13.9	10.5	-	16.1	13.9	10.6	-	15.9	13.8	10.4	-	14.8	12.8	9.8	-	14.5	12.6	9.5	-		
kW	2.15	2.20	2.28	-	2.34	2.39	2.48	-	2.50	2.56	2.65	-	2.65	2.71	2.81	-	2.77	2.84	2.94	-	2.88	2.95	3.05	-	2.88	2.95	3.05	-		
Amps	4.2	4.3	4.4	-	4.5	4.6	4.7	-	4.9	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.8	5.9	6.1	-	5.8	5.9	6.1	-		
Hi PR	226	243	257	-	254	273	288	-	289	311	328	-	329	354	374	-	370	398	420	-	409	440	464	-	409	440	464	-		
Lo PR	95	101	110	-	100	107	117	-	104	111	121	-	110	117	127	-	115	122	133	-	119	126	138	-	119	126	138	-		
75	1050	MBh	31.9	32.8	35.5	38.1	31.2	32.1	34.7	37.3	30.4	31.3	33.9	36.4	29.7	30.5	33.1	35.5	28.2	29.0	31.4	33.7	26.1	26.9	29.1	31.2	24.0	24.7	26.8	28.7
		S/T	0.72	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.83	0.74	0.56	0.36	0.88	0.79	0.60	0.38
	Δ T	20.2	18.6	15.2	10.5	20.5	18.8	15.4	10.7	20.5	18.9	15.4	10.7	20.6	19.0	15.6	10.7	20.3	18.7	15.3	10.6	19.0	17.5	14.3	9.9	18.6	17.1	14.0	9.7	
	kW	2.11	2.16	2.24	2.32	2.30	2.35	2.43	2.52	2.46	2.52	2.61	2.70	2.60	2.66	2.76	2.86	2.72	2.79	2.89	2.99	2.82	2.89	3.00	3.11	2.82	2.89	3.00	3.11	
	Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2	
	Hi PR	222	239	252	263	249	268	283	295	283	304	322	335	322	347	366	382	363	390	412	430	401	431	455	475	401	431	455	475	
	Lo PR	93	99	108	115	98	105	114	122	102	109	119	126	107	114	125	133	113	120	131	139	116	124	135	144	116	124	135	144	
	MBh	33.6	34.6	37.4	40.2	32.8	33.8	36.5	39.2	32.0	33.0	35.7	38.3	31.2	32.2	34.8	37.4	29.7	30.5	33.1	35.5	27.5	28.3	30.6	32.9	25.3	26.0	28.2	30.3	
	S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.33	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37	0.90	0.81	0.61	0.39	
	Δ T	19.2	17.7	14.5	10.0	19.4	17.9	14.6	10.1	19.4	17.9	14.7	10.1	19.6	18.0	14.8	10.2	19.3	17.8	14.6	10.0	18.0	16.6	13.6	9.4	17.6	16.2	13.3	9.2	
kW	2.15	2.20	2.28	2.36	2.34	2.39	2.48	2.57	2.50	2.56	2.66	2.75	2.65	2.71	2.81	2.91	2.77	2.84	2.94	3.05	2.88	2.95	3.06	3.17	2.88	2.95	3.06	3.17		
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.7	4.9	4.9	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	5.8	5.9	6.1	6.4		
Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	464	484	409	440	464	484		
Lo PR	95	101	110	117	100	107	117	124	104	111	121	129	110	117	127	136	115	122	133	142	119	126	138	147	119	126	138	147		
MBh	34.4	35.4	38.3	41.2	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.2	32.0	33.0	35.7	38.3	30.4	31.3	33.9	36.4	28.2	29.0	31.4	33.7	25.9	26.7	28.9	31.0		
S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.61	0.39	0.95	0.85	0.64	0.41		
Δ T	18.3	16.8	13.8	9.5	18.5	17.0	13.9	9.6	18.5	17.0	14.0	9.6	18.6	17.2	14.1	9.7	18.4	16.9	13.9	9.6	17.2	15.8	12.9	8.9	16.8	15.4	12.6	8.7		
kW	2.17	2.22	2.30	2.38	2.36	2.42	2.50	2.59	2.53	2.59	2.68	2.78	2.67	2.74	2.84	2.94	2.80	2.86	2.97	3.08	2.90	2.98	3.08	3.20	2.90	2.98	3.08	3.20		
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	5.9	6.0	6.2	6.4		
Hi PR	228	246	260	271	256	276	291	304	292	314	331	346	332	357	377	394	374	402	425	443	413	444	469	489	413	444	469	489		
Lo PR	96	102	111	119	101	108	118	125	105	112	122	130	111	118	129	137	116	123	135	143	120	128	139	148	120	128	139	148		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; Lo PR = Pressure at vapor service valve, psig  
 Shaded area reflects ACCA (TVA) Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps



EXPANDED COOLING DATA — GSX130365AA + A36-00-2RC (CONT.)

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	32.5	33.2	35.4	37.9	31.7	32.4	34.6	37.0	31.0	31.6	33.8	36.1	30.2	30.9	33.0	35.2	28.7	29.3	31.3	33.5	26.6	27.2	29.0	31.0	24.5	25.0	26.7	28.5
		S/T	0.79	0.74	0.61	0.5	0.82	0.77	0.63	0.5	0.84	0.79	0.64	0.5	0.87	0.82	0.66	0.5	0.90	0.85	0.69	0.5	0.91	0.85	0.70	0.5	0.97	0.91	0.74	0.6
		Δ T	22.6	21.6	18.8	15.0	22.8	21.9	19.0	15.2	22.9	21.9	19.0	15.2	23.0	22.1	19.2	15.3	22.7	21.8	18.9	15.1	21.2	20.3	17.7	14.1	20.7	19.9	17.3	13.8
		kW	2.13	2.18	2.26	2.3	2.32	2.37	2.46	2.5	2.48	2.54	2.63	2.7	2.62	2.69	2.78	2.9	2.75	2.81	2.91	3.0	2.85	2.92	3.03	3.1	2.85	2.92	3.03	3.1
		Amps	4.1	4.2	4.4	4.5	4.4	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.6	5.7	6.0	5.7	5.9	6.1	6.3	5.7	5.9	6.1	6.3
	Hi PR	224	241	254	265.4	251	270	286	297.8	286	308	325	338.7	325	350	370	385.8	366	394	416	434.0	405	435	460	479.5	405	435	460	479.5	
	Lo PR	94	100	109	116.3	99	106	115	122.9	103	110	120	127.7	108	115	126	134.1	114	121	132	140.6	118	125	137	145.4	118	125	137	145.4	
	1190	MBh	34.2	34.9	37.3	39.9	33.4	34.1	36.4	38.9	32.6	33.3	35.6	38.0	31.8	32.5	34.7	37.1	30.2	30.9	33.0	35.2	28.0	28.6	30.5	32.6	25.7	26.3	28.1	30.0
		S/T	0.81	0.76	0.62	0.5	0.84	0.79	0.64	0.5	0.86	0.81	0.66	0.5	0.89	0.83	0.68	0.5	0.92	0.87	0.70	0.5	0.93	0.87	0.71	0.5	0.99	0.93	0.75	0.6
		Δ T	21.4	20.5	17.8	14.3	21.7	20.8	18.1	14.4	21.7	20.8	18.1	14.4	21.8	20.9	18.2	14.5	21.5	20.6	17.9	14.3	20.1	19.3	16.8	13.4	19.7	18.8	16.4	13.1
kW		2.17	2.22	2.30	2.4	2.36	2.42	2.50	2.6	2.53	2.59	2.68	2.8	2.67	2.74	2.84	2.9	2.80	2.87	2.97	3.1	2.90	2.98	3.08	3.2	2.90	2.98	3.08	3.2	
Amps		4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	5.9	6.0	6.2	6.4	
Hi PR	229	246	260	270.8	256	276	291	303.9	292	314	331	345.6	332	357	377	393.7	374	402	425	442.9	413	444	469	489.3	413	444	469	489.3		
Lo PR	96	102	111	118.7	101	108	118	125.4	105	112	122	130.3	111	118	129	136.9	116	123	135	143.5	120	128	139	148.4	120	128	139	148.4		
85	1050	MBh	35.0	35.8	38.2	40.9	34.2	35.0	37.3	39.9	33.4	34.1	36.5	39.0	32.6	33.3	35.6	38.0	31.0	31.6	33.8	36.1	28.7	29.3	31.3	33.5	26.4	27.0	28.8	30.8
		S/T	0.85	0.80	0.65	0.5	0.89	0.83	0.68	0.5	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.6	1.00	0.92	0.75	0.6	1.00	1.00	0.79	0.6
		Δ T	20.4	19.5	17.0	13.6	20.6	19.8	17.2	13.7	20.6	19.8	17.2	13.7	20.8	19.9	17.3	13.8	20.5	19.6	17.1	13.7	19.5	18.4	16.0	12.8	18.0	18.4	15.6	12.5
		kW	2.19	2.24	2.32	2.4	2.38	2.44	2.53	2.6	2.55	2.61	2.70	2.8	2.70	2.76	2.86	3.0	2.82	2.89	3.00	3.1	2.93	3.00	3.11	3.2	2.93	3.00	3.11	3.2
		Amps	4.2	4.3	4.4	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5	5.9	6.0	6.2	6.5
	Hi PR	231	248	262	273.5	259	279	294	306.9	295	317	335	349.1	335	361	381	397.6	377	406	429	447.3	417	449	474	494.2	417	449	474	494.2	
	Lo PR	97	103	113	119.9	102	109	119	126.6	106	113	124	131.6	112	119	130	138.3	117	125	136	144.9	121	129	141	149.9	121	129	141	149.9	
	1190	MBh	33.0	33.7	35.3	37.6	32.3	32.9	34.4	36.7	31.5	32.1	33.6	35.9	30.7	31.3	32.8	35.0	29.2	29.8	31.2	33.2	27.0	27.6	28.9	30.8	24.9	25.4	26.6	28.3
		S/T	0.83	0.80	0.72	0.6	0.86	0.83	0.75	0.6	0.88	0.85	0.77	0.6	0.91	0.88	0.79	0.6	0.94	0.91	0.83	0.7	0.96	0.92	0.83	0.7	1.00	0.98	0.88	0.7
		Δ T	24.1	23.7	22.4	19.4	24.4	24.0	22.6	19.6	24.4	24.0	22.6	19.6	24.6	24.2	22.8	19.8	24.2	23.8	22.5	19.5	22.6	22.2	21.0	18.2	21.8	21.7	20.5	17.8
kW		2.15	2.20	2.28	2.4	2.34	2.39	2.48	2.6	2.50	2.56	2.65	2.8	2.65	2.71	2.81	2.9	2.77	2.84	2.94	3.0	2.88	2.95	3.05	3.2	2.88	2.95	3.05	3.2	
Amps		4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.9	4.9	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	5.8	5.9	6.1	6.4	
Hi PR	226	243	257	268.1	254	273	288	300.8	289	311	328	342.1	329	354	374	389.6	370	398	420	438.4	409	440	464	484.3	409	440	464	484.3		
Lo PR	95	101	110	117.5	100	107	117	124.1	104	111	121	129.0	110	117	127	135.5	115	122	133	142.0	119	126	138	146.9	119	126	138	146.9		
85	1050	MBh	34.8	35.4	37.1	39.6	34.0	34.6	36.3	38.7	33.1	33.8	35.4	37.8	32.3	33.0	34.5	36.8	30.7	31.3	32.8	35.0	28.5	29.0	30.4	32.4	26.2	26.7	28.0	29.8
		S/T	0.85	0.82	0.74	0.6	0.88	0.85	0.77	0.6	0.90	0.87	0.79	0.6	0.93	0.90	0.81	0.7	0.97	0.93	0.84	0.7	0.98	0.94	0.85	0.7	1.00	1.00	0.90	0.7
		Δ T	22.8	22.5	21.2	18.4	23.1	22.7	21.5	18.6	23.1	22.8	21.5	18.6	23.3	22.9	21.7	18.7	23.0	22.6	21.4	18.5	21.5	21.1	19.9	17.3	20.2	20.6	19.5	16.9
		kW	2.19	2.24	2.32	2.4	2.38	2.44	2.53	2.6	2.55	2.61	2.70	2.8	2.70	2.76	2.86	3.0	2.82	2.89	3.00	3.1	2.93	3.00	3.11	3.2	2.93	3.00	3.11	3.2
		Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5	5.9	6.0	6.2	6.5
	Hi PR	231	248	262	273.5	259	279	294	306.9	295	317	335	349.1	335	361	381	397.6	377	406	429	447.3	417	449	474	494.2	417	449	474	494.2	
	Lo PR	97	103	113	119.9	102	109	119	126.6	106	113	124	131.6	112	119	130	138.3	117	125	136	144.9	121	129	141	149.9	121	129	141	149.9	
	1350	MBh	35.6	36.3	38.0	40.6	34.8	35.5	37.2	39.6	34.0	34.6	36.3	38.7	33.1	33.8	35.4	37.8	31.5	32.1	33.6	35.9	29.2	29.7	31.1	33.2	26.9	27.4	28.7	30.6
		S/T	0.90	0.86	0.78	0.6	0.93	0.90	0.81	0.7	0.95	0.92	0.83	0.7	0.98	0.95	0.86	0.7	1.00	0.98	0.89	0.7	1.00	0.99	0.90	0.7	1.00	1.00	0.95	0.8
		Δ T	21.7	21.4	20.2	17.5	22.0	21.6	20.5	17.7	22.0	21.7	20.5	17.7	22.2	21.8	20.6	17.8	21.4	21.5	20.3	17.6	19.9	20.1	19.0	16.4	18.3	18.6	18.6	16.1
kW		2.21	2.26	2.34	2.4	2.40	2.46	2.55	2.6	2.57	2.63	2.73	2.8	2.72	2.79	2.89	3.0	2.85	2.92	3.02	3.1	2.96	3.03	3.14	3.3	2.96	3.03	3.14	3.3	
Amps		4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5	6.0	6.1	6.3	6.5	
Hi PR	233	251	265	276.3	262	281	297	310.0	297	320	338	352.6	339	365	385	401.6	381	410	433	451.8	421	453	479	499.2	421	453	479	499.2		
Lo PR	98	104	114	121.1	103	110	120	127.9	107	114	125	132.9	113	120	131	139.6	118	126	137	146.3	122	130	142	151.4	122	130	142	151.4		

IDB = Entering Indoor Dry Bulb Temperature  
 HI PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects AHRI Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

# EXPANDED COOLING DATA — GSX130485AA + A48-00-2RC

IDB	Airflow	Outdoor Ambient Temperature (°F)																													
		65				75				85				105				115				125									
		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	1320	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-	32.3	33.4	36.6	-	
		S/T	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.61	0.43	-	0.78	0.65	0.45	-	
		Δ T	19.1	16.5	12.5	-	19.3	16.7	12.7	-	19.4	16.8	12.7	-	19.5	16.9	12.8	-	19.2	16.6	12.6	-	17.9	15.5	11.8	-	17.5	15.2	11.5	-	
	1600	MBh	2.77	2.84	2.94	-	3.02	3.09	3.21	-	3.24	3.32	3.44	-	3.43	3.52	3.65	-	3.60	3.69	3.83	-	3.74	3.83	3.98	-	3.74	3.83	3.98	-	
		Amps	4.8	4.9	5.0	-	5.1	5.3	5.4	-	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.3	6.5	6.7	-	6.7	6.9	7.1	-	6.7	6.9	7.1	-	
		Hi PR	237	255	269	-	266	286	302	-	302	325	343	-	344	370	391	-	387	417	440	-	428	460	486	-	428	460	486	-	
	1800	MBh	44.3	45.9	50.3	-	43.3	44.9	49.1	-	42.2	43.8	48.0	-	41.2	42.7	46.8	-	39.2	40.6	44.5	-	36.3	37.6	41.2	-	33.4	34.6	37.9	-	
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.83	0.69	0.48	-	
		Δ T	17.3	15.0	11.4	-	17.5	15.2	11.5	-	17.6	15.2	11.5	-	17.7	15.3	11.6	-	17.4	15.1	11.5	-	16.3	14.1	10.7	-	15.9	13.8	10.5	-	
	75	1320	MBh	2.82	2.89	3.00	-	3.07	3.15	3.27	-	3.30	3.38	3.51	-	3.50	3.59	3.72	-	3.67	3.76	3.90	-	3.81	3.91	4.05	-	3.81	3.91	4.05	-
			Amps	4.9	5.0	5.1	-	5.2	5.4	5.5	-	5.7	5.8	6.0	-	6.1	6.2	6.4	-	6.4	6.6	6.8	-	6.8	7.0	7.2	-	6.8	7.0	7.2	-
			Hi PR	242	260	274	-	271	292	308	-	308	332	350	-	351	378	399	-	395	425	449	-	436	470	496	-	436	470	496	-
1600		MBh	45.0	46.6	51.0	-	43.9	45.5	49.9	-	42.9	44.4	48.7	-	41.8	43.3	47.5	-	39.7	41.2	45.1	-	36.8	38.1	41.8	-	33.9	35.1	38.5	-	
		S/T	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	0.64	0.45	-	0.78	0.65	0.45	-	0.83	0.69	0.48	-	
		Δ T	15.5	13.5	10.2	-	15.7	13.6	10.3	-	15.8	13.6	10.3	-	15.9	13.7	10.4	-	15.6	13.5	10.3	-	14.6	12.6	9.6	-	14.3	12.4	9.4	-	
1800		MBh	2.85	2.92	3.02	-	3.10	3.18	3.30	-	3.33	3.41	3.54	-	3.53	3.62	3.75	-	3.70	3.79	3.93	-	3.85	3.94	4.09	-	3.85	3.94	4.09	-	
		Amps	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.9	6.1	-	6.1	6.3	6.5	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	6.9	7.1	7.3	-	
		Hi PR	244	262	277	-	274	295	311	-	311	335	354	-	355	382	403	-	399	429	453	-	441	474	501	-	441	474	501	-	
70		1320	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6	32.8	33.8	36.6	39.2
			S/T	0.73	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.36	0.89	0.79	0.60	0.39
			Δ T	22.1	20.3	16.7	11.5	22.3	20.6	16.9	11.6	22.4	20.6	16.9	11.7	22.5	20.7	17.0	11.7	22.2	20.5	16.8	11.6	20.7	19.1	15.7	10.8	20.3	18.7	15.3	10.6
	1600	MBh	2.80	2.86	2.97	3.08	3.05	3.12	3.24	3.36	3.27	3.35	3.48	3.61	3.47	3.55	3.69	3.82	3.63	3.72	3.86	4.01	3.78	3.87	4.02	4.17	3.78	3.87	4.02	4.17	
		Amps	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.5	6.8	7.0	6.8	6.9	7.2	7.4	6.8	6.9	7.2	7.4	
		Hi PR	239	257	272	284	268	289	305	318	305	329	347	362	348	374	395	412	391	421	445	464	432	465	491	512	432	465	491	512	
	1800	MBh	45.1	46.4	50.2	53.9	44.0	45.3	49.1	52.6	43.0	44.2	47.9	51.4	41.9	43.2	46.7	50.1	39.8	41.0	44.4	47.6	36.9	38.0	41.1	44.1	34.0	35.0	37.8	40.6	
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39	0.94	0.84	0.64	0.41	
		Δ T	20.0	18.5	15.1	10.4	20.3	18.7	15.3	10.6	20.3	18.7	15.3	10.6	20.4	18.8	15.4	10.6	20.2	18.6	15.2	10.5	18.8	17.3	14.2	9.8	18.4	16.9	13.9	9.6	
	75	1320	MBh	2.85	2.92	3.03	3.14	3.10	3.18	3.30	3.42	3.33	3.41	3.54	3.68	3.53	3.62	3.75	3.90	3.70	3.79	3.94	4.09	3.85	3.94	4.09	4.25	3.85	3.94	4.09	4.25
			Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	6.9	7.1	7.3	7.6
			Hi PR	244	263	277	289	274	295	311	325	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	523	441	474	501	523
1600		MBh	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156	126	134	146	156	
		S/T	45.7	47.1	50.9	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	42.5	43.8	47.4	50.9	40.4	41.6	45.0	48.3	37.4	38.5	41.7	44.8	34.4	35.5	38.4	41.2	
		Δ T	18.0	16.5	13.6	9.4	18.2	16.8	13.7	9.5	18.2	16.8	13.7	9.5	18.3	16.9	13.8	9.6	18.1	16.7	13.6	9.4	16.9	15.6	12.7	8.8	16.5	15.2	12.5	8.6	
1800		MBh	2.87	2.94	3.05	3.17	3.13	3.21	3.33	3.46	3.36	3.45	3.57	3.71	3.56	3.65	3.79	3.93	3.74	3.83	3.97	4.12	3.88	3.98	4.13	4.29	3.88	3.98	4.13	4.29	
		Amps	4.9	5.1	5.2	5.4	5.3	5.5	5.6	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.6	6.7	6.9	7.2	7.0	7.1	7.4	7.6	7.0	7.1	7.4	7.6	
		Hi PR	246	265	280	292	276	298	314	328	314	338	357	373	358	385	407	424	403	434	458	478	445	479	506	528	445	479	506	528	

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects ACCA (TVA) Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

EXPANDED COOLING DATA — GSX130485AA + A48-00-2RC (CONT.)

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				95				105				115				125				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1320	MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3	33.4	34.1	36.5	39.0
		S/T	0.80	0.75	0.61	0.5	0.83	0.78	0.63	0.5	0.85	0.80	0.65	0.5	0.88	0.82	0.67	0.5	0.91	0.85	0.69	0.5	0.92	0.86	0.70	0.5	0.97	0.91	0.74	0.6
		ΔT	24.6	23.6	20.5	16.4	24.9	23.9	20.8	16.6	25.0	23.9	20.8	16.6	25.1	24.1	21.0	16.7	24.8	23.8	20.7	16.5	23.2	22.2	19.3	15.4	22.6	21.7	18.9	15.1
		kW	2.82	2.89	3.00	3.1	3.08	3.15	3.27	3.4	3.30	3.38	3.51	3.6	3.50	3.59	3.72	3.9	3.67	3.76	3.90	4.0	3.81	3.91	4.05	4.2	3.81	3.91	4.05	4.2
		Amps	4.9	5.0	5.1	5.3	5.2	5.4	5.5	5.7	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.5	6.6	6.8	7.1	6.8	7.0	7.2	7.5	6.8	7.0	7.2	7.5
		Hi PR	242	260	275	286.4	271	292	308	321.4	308	332	350	365.5	351	378	399	416.3	395	425	449	468.3	437	470	496	517.5	437	470	496	517.5
	Lo PR	100	106	116	123.6	106	112	123	130.6	110	117	127	135.7	115	123	134	142.5	121	128	140	149.4	125	133	145	154.5	125	133	145	154.5	
	1600	MBh	45.9	46.9	50.1	53.5	44.8	45.8	48.9	52.3	43.7	44.7	47.7	51.0	42.7	43.6	46.6	49.8	40.5	41.4	44.2	47.3	37.5	38.4	41.0	43.8	34.6	35.3	37.7	40.3
		S/T	0.85	0.80	0.65	0.5	0.88	0.82	0.67	0.5	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.5	0.97	0.91	0.74	0.6	0.97	0.91	0.74	0.6	1.00	0.97	0.79	0.6
		ΔT	22.4	21.4	18.6	14.9	22.6	21.7	18.9	15.1	22.7	21.7	18.9	15.1	22.8	21.9	19.0	15.2	22.5	21.6	18.8	15.0	21.0	20.1	17.5	14.0	19.9	19.7	17.1	13.7
		kW	2.87	2.95	3.05	3.2	3.13	3.21	3.33	3.5	3.36	3.45	3.58	3.7	3.56	3.65	3.79	3.9	3.74	3.83	3.97	4.1	3.88	3.98	4.13	4.3	3.88	3.98	4.13	4.3
		Amps	4.9	5.1	5.2	5.4	5.3	5.5	5.6	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.6	6.7	6.9	7.2	7.0	7.1	7.4	7.6	7.0	7.1	7.4	7.6
Hi PR		246	265	280	292.1	277	298	314	327.8	315	339	357	372.8	358	386	407	424.6	403	434	458	477.7	445	479	506	527.8	445	479	506	527.8	
Lo PR	102	108	118	126.0	108	115	125	133.2	112	119	130	138.4	118	125	137	145.4	123	131	143	152.4	127	136	148	157.6	127	136	148	157.6		
1800	MBh	46.5	47.5	50.8	54.3	45.4	46.4	49.6	53.0	44.4	45.3	48.4	51.8	43.3	44.2	47.3	50.5	41.1	42.0	44.9	48.0	38.1	38.9	41.6	44.4	35.1	35.8	38.3	40.9	
	S/T	0.84	0.79	0.64	0.5	0.87	0.82	0.67	0.5	0.90	0.84	0.68	0.5	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.5	0.97	0.91	0.74	0.6	1.00	0.96	0.79	0.6	
	ΔT	20.1	19.2	16.7	13.4	20.3	19.5	16.9	13.5	20.3	19.5	16.9	13.5	20.5	19.6	17.1	13.6	20.2	19.3	16.8	13.4	18.9	18.1	15.7	12.6	17.9	17.7	15.4	12.3	
	kW	2.90	2.97	3.08	3.2	3.16	3.24	3.36	3.5	3.39	3.48	3.61	3.7	3.60	3.69	3.83	4.0	3.77	3.87	4.01	4.2	3.92	4.02	4.17	4.3	3.92	4.02	4.17	4.3	
	Amps	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7	7.0	7.2	7.4	7.7	
	Hi PR	249	268	283	295.0	279	301	317	331.0	318	342	361	376.5	362	389	411	428.8	407	438	462	482.4	450	484	511	533.0	450	484	511	533.0	
Lo PR	103	109	120	127.3	109	116	126	134.5	113	120	131	139.8	119	126	138	146.8	124	132	144	153.9	129	137	149	159.1	129	137	149	159.1		
85	1320	MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0	34.0	34.6	36.3	38.7
		S/T	0.84	0.81	0.73	0.6	0.87	0.84	0.76	0.6	0.89	0.86	0.77	0.6	0.92	0.89	0.80	0.6	0.95	0.92	0.83	0.7	0.96	0.93	0.84	0.7	1.00	0.98	0.89	0.7
		ΔT	26.3	25.9	24.4	21.2	26.6	26.2	24.7	21.4	26.6	26.2	24.9	21.6	26.8	26.4	24.9	21.6	26.4	26.0	24.6	21.3	24.7	24.3	23.0	19.9	23.7	23.7	22.4	19.4
		kW	2.85	2.92	3.03	3.1	3.10	3.18	3.30	3.4	3.33	3.42	3.54	3.7	3.53	3.62	3.76	3.9	3.70	3.79	3.94	4.1	3.85	3.95	4.09	4.2	3.85	3.95	4.09	4.2
		Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	6.9	7.1	7.3	7.6
		Hi PR	244	263	277	289.3	274	295	311	324.6	311	335	354	369.2	355	382	403	420.5	399	429	454	473.0	441	475	501	522.6	441	475	501	522.6
	Lo PR	101	107	117	124.8	107	113	124	131.9	111	118	129	137.0	116	124	135	144.0	122	130	142	150.9	126	134	147	156.0	126	134	147	156.0	
	1600	MBh	46.7	47.6	49.8	53.1	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.4	44.2	46.3	49.4	41.2	42.0	44.0	47.0	38.2	38.9	40.8	43.5	35.2	35.8	37.5	40.0
		S/T	0.89	0.86	0.77	0.6	0.92	0.89	0.80	0.7	0.95	0.91	0.82	0.7	0.98	0.94	0.85	0.7	1.00	0.98	0.88	0.7	1.00	0.99	0.89	0.7	1.00	1.00	0.94	0.8
		ΔT	23.9	23.5	22.2	19.2	24.1	23.8	22.4	19.4	24.2	23.8	22.5	19.5	24.3	23.9	22.6	19.6	23.7	23.6	22.3	19.3	21.9	22.1	20.8	18.0	20.2	20.6	20.4	17.6
		kW	2.90	2.97	3.08	3.2	3.16	3.24	3.36	3.5	3.39	3.48	3.61	3.7	3.60	3.69	3.83	4.0	3.77	3.87	4.01	4.2	3.92	4.02	4.17	4.3	3.92	4.02	4.17	4.3
		Amps	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7	7.0	7.2	7.4	7.7
Hi PR		249	268	283	295.1	279	301	317	331.1	318	342	361	376.5	362	389	411	428.9	407	438	463	482.5	450	484	511	533.1	450	484	511	533.1	
Lo PR	103	109	120	127.3	109	116	126	134.5	113	120	131	139.8	119	126	138	146.8	124	132	144	153.9	129	137	149	159.2	129	137	149	159.2		
1800	MBh	47.3	48.3	50.5	53.9	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	44.0	44.9	47.0	50.2	41.8	42.6	44.7	47.6	38.8	39.5	41.4	44.1	35.7	36.4	38.1	40.6	
	S/T	0.88	0.85	0.77	0.6	0.92	0.88	0.80	0.6	0.94	0.91	0.82	0.7	0.97	0.94	0.85	0.7	1.00	0.97	0.88	0.7	1.00	0.98	0.88	0.7	1.00	1.00	0.94	0.8	
	ΔT	21.4	21.0	19.9	17.2	21.7	21.3	20.1	17.4	21.7	21.3	20.1	17.4	21.8	21.5	20.3	17.6	21.4	21.2	20.0	17.3	19.8	19.8	18.7	16.2	18.2	18.6	18.3	15.8	
	kW	2.93	3.00	3.11	3.2	3.19	3.27	3.39	3.5	3.43	3.51	3.64	3.8	3.63	3.72	3.86	4.0	3.81	3.90	4.05	4.2	3.96	4.06	4.21	4.4	3.96	4.06	4.21	4.4	
	Amps	5.0	5.1	5.3	5.5	5.4	5.6	5.7	5.9	5.9	6.0	6.2	6.5	6.3	6.4	6.7	6.9	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.1	7.3	7.5	7.8	
	Hi PR	251	271	286	298.0	282	304	321	334.3	321	345	365	380.2	365	393	415	433.1	411	442	467	487.2	454	489	516	538.3	454	489	516	538.3	
Lo PR	104	111	121	128.6	110	117	128	135.8	114	121	133	141.2	120	128	139	148.3	126	134	146	155.4	130	138	151	160.7	130	138	151	160.7		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects AHRI Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

# EXPANDED COOLING DATA — GSX130605AA + A60-00-2RC

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	1500	MBh	51.4	53.2	58.3	-	50.2	52.0	57.0	-	49.0	50.8	55.6	-	47.8	49.5	54.3	-	45.4	47.1	51.6	-	42.1	43.6	47.8	-	38.7	40.1	44.0	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-	0.82	0.69	0.48	-
		Δ T	21.2	18.4	13.9	-	21.5	18.6	14.1	-	21.5	18.6	14.1	-	21.7	18.7	14.2	-	21.3	18.5	14.0	-	19.9	17.3	13.1	-	19.5	16.9	12.8	-
		kW	2.55	2.61	2.70	-	2.77	2.84	2.94	-	2.97	3.04	3.15	-	3.14	3.22	3.33	-	3.29	3.37	3.49	-	3.41	3.50	3.63	-	3.41	3.50	3.63	-
		Amps	6.8	6.9	7.1	-	7.3	7.4	7.6	-	7.8	8.0	8.2	-	8.3	8.4	8.7	-	8.7	8.9	9.2	-	9.2	9.4	9.6	-	9.2	9.4	9.6	-
		Hi PR	230	248	261	-	258	278	293	-	294	316	334	-	334	360	380	-	376	405	428	-	416	447	472	-	416	447	472	-
	Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-	128	136	148	-	
	2000	MBh	53.9	55.9	61.3	-	52.7	54.6	59.8	-	51.4	53.3	58.4	-	50.2	52.0	57.0	-	47.7	49.4	54.1	-	44.2	45.8	50.1	-	40.6	42.1	46.2	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.87	0.73	0.50	-
		Δ T	17.7	15.3	11.6	-	17.9	15.5	11.7	-	17.9	15.5	11.8	-	18.0	15.6	11.8	-	17.8	15.4	11.7	-	16.6	14.4	10.9	-	16.2	14.0	10.7	-
		kW	2.62	2.68	2.77	-	2.84	2.91	3.02	-	3.05	3.12	3.24	-	3.23	3.31	3.43	-	3.38	3.46	3.59	-	3.51	3.60	3.73	-	3.51	3.60	3.73	-
		Amps	7.0	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.5	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-
Hi PR		237	255	269	-	266	286	302	-	302	325	344	-	344	371	391	-	388	417	440	-	428	461	487	-	428	461	487	-	
Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-		
2250	MBh	53.9	55.9	61.3	-	52.7	54.6	59.8	-	51.4	53.3	58.4	-	50.2	52.0	57.0	-	47.7	49.4	54.1	-	44.2	45.8	50.1	-	40.6	42.1	46.2	-	
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.87	0.73	0.50	-	
	Δ T	15.7	13.6	10.3	-	15.9	13.8	10.4	-	15.9	13.8	10.5	-	16.0	13.9	10.5	-	15.8	13.7	10.4	-	14.8	12.8	9.7	-	14.4	12.5	9.5	-	
	kW	2.62	2.68	2.77	-	2.84	2.91	3.02	-	3.05	3.12	3.24	-	3.23	3.31	3.43	-	3.38	3.46	3.59	-	3.51	3.60	3.73	-	3.51	3.60	3.73	-	
	Amps	7.0	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.5	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	
	Hi PR	237	255	269	-	266	286	302	-	302	325	344	-	344	371	391	-	388	417	440	-	428	461	487	-	428	461	487	-	
Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-		
75	1500	MBh	52.2	53.8	58.2	62.5	51.0	52.5	56.9	61.0	49.8	51.3	55.5	59.6	48.6	50.0	54.2	58.1	46.2	47.5	51.5	55.2	42.8	44.0	47.7	51.2	39.4	40.5	43.9	47.1
		S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38	0.93	0.84	0.63	0.41
		Δ T	24.5	22.6	18.5	12.8	24.8	22.9	18.7	12.9	24.9	22.9	18.7	12.9	25.0	23.0	18.9	13.0	24.7	22.7	18.6	12.9	23.1	21.2	17.4	12.0	22.5	20.7	17.0	11.7
		kW	2.57	2.63	2.73	2.83	2.80	2.86	2.97	3.07	2.99	3.07	3.18	3.30	3.17	3.25	3.36	3.49	3.32	3.40	3.52	3.65	3.45	3.53	3.66	3.80	3.45	3.53	3.66	3.80
		Amps	6.9	7.0	7.2	7.4	7.3	7.5	7.7	7.9	7.9	8.0	8.3	8.5	8.3	8.5	8.7	9.0	8.8	9.0	9.2	9.5	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0
		Hi PR	232	250	264	275	261	281	296	309	297	319	337	352	338	364	384	400	380	409	432	450	420	452	477	498	420	452	477	498
	Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160	129	137	150	160	
	2000	MBh	54.9	56.5	61.1	65.6	53.6	55.2	59.7	64.1	52.3	53.9	58.3	62.6	51.0	52.5	56.9	61.0	48.5	49.9	54.0	58.0	44.9	46.2	50.0	53.7	41.3	42.6	46.1	49.4
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.99	0.88	0.67	0.43
		Δ T	20.4	18.8	15.4	10.6	20.7	19.0	15.6	10.8	20.7	19.1	15.6	10.8	20.8	19.2	15.7	10.9	20.5	18.9	15.5	10.7	19.2	17.7	14.5	10.0	18.8	17.3	14.1	9.8
		kW	2.64	2.70	2.80	2.90	2.87	2.94	3.05	3.16	3.08	3.15	3.27	3.39	3.26	3.34	3.46	3.59	3.41	3.49	3.62	3.76	3.54	3.63	3.76	3.90	3.54	3.63	3.76	3.90
		Amps	7.0	7.2	7.4	7.6	7.5	7.6	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3
Hi PR		239	258	272	284	269	289	305	318	306	329	347	362	348	374	395	412	391	421	445	464	433	465	492	513	433	465	492	513	
Lo PR	106	113	124	132	112	120	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164	133	141	154	164		
2250	MBh	54.9	56.5	61.1	65.6	53.6	55.2	59.7	64.1	52.3	53.9	58.3	62.6	51.0	52.5	56.9	61.0	48.5	49.9	54.0	58.0	44.9	46.2	50.0	53.7	41.3	42.6	46.1	49.4	
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.99	0.88	0.67	0.43	
	Δ T	18.1	16.7	13.7	9.5	18.4	16.9	13.9	9.6	18.4	16.9	13.9	9.6	18.5	17.1	14.0	9.6	18.3	16.8	13.8	9.5	17.1	15.7	12.9	8.9	16.7	15.4	12.6	8.7	
	kW	2.64	2.70	2.80	2.90	2.87	2.94	3.05	3.16	3.08	3.15	3.27	3.39	3.26	3.34	3.46	3.59	3.41	3.49	3.62	3.76	3.54	3.63	3.76	3.90	3.54	3.63	3.76	3.90	
	Amps	7.0	7.2	7.4	7.6	7.5	7.6	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	
	Hi PR	239	258	272	284	269	289	305	318	306	329	347	362	348	374	395	412	391	421	445	464	433	465	492	513	433	465	492	513	
Lo PR	106	113	124	132	112	120	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164	133	141	154	164		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects ACCA (TVA) Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps

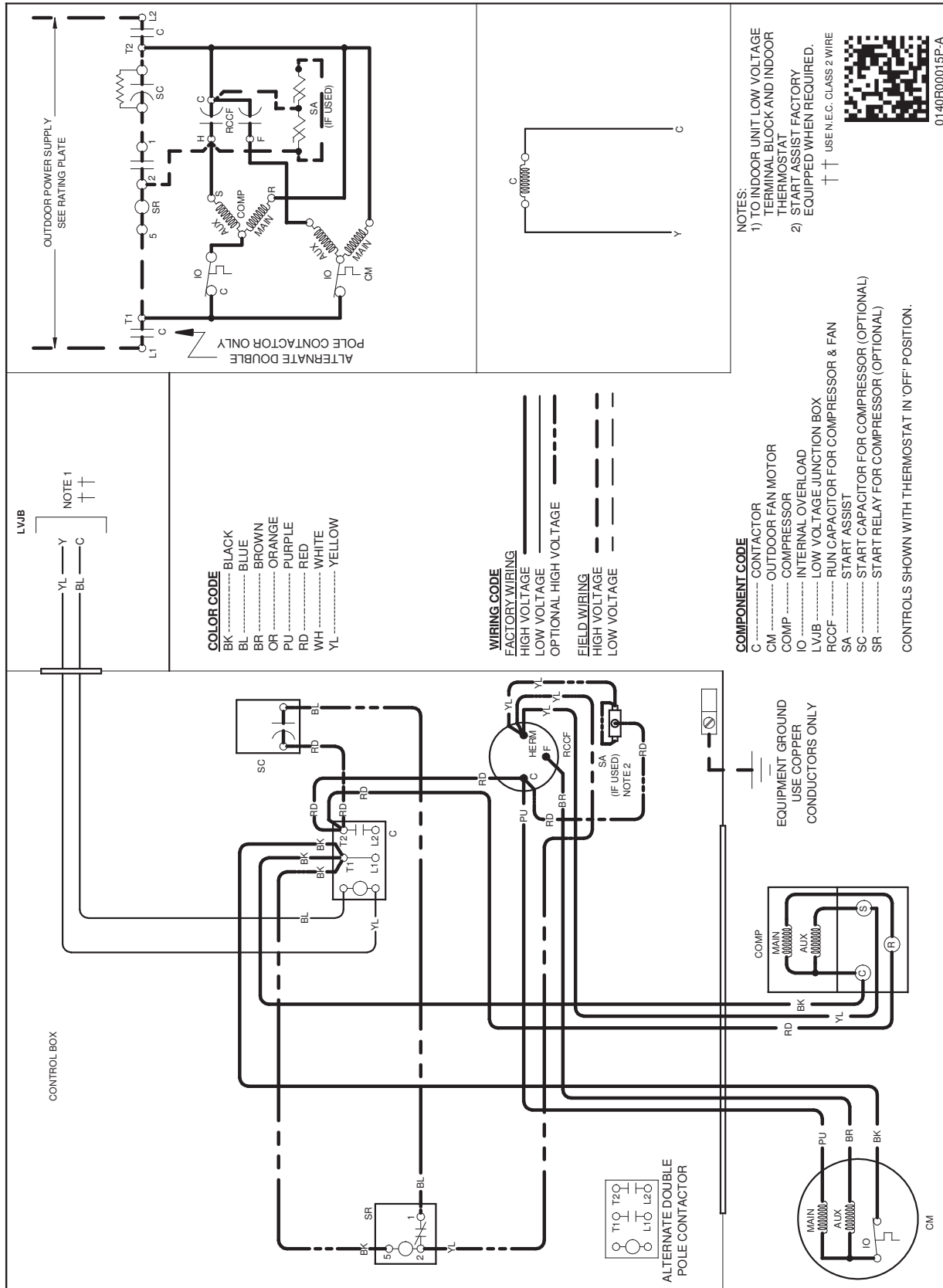
# EXPANDED COOLING DATA — GSX130605AA + A60-00-2RC (CONT.)

IDB	Airflow	Outdoor Ambient Temperature (°F)																												
		65				75				85				105				115				125								
		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	1500	MBh	53.2	54.3	58.1	62.1	51.9	53.1	56.7	60.6	50.7	51.8	55.4	59.2	49.5	50.5	54.0	57.7	47.0	48.0	51.3	54.8	43.5	44.5	47.5	50.8	40.1	40.9	43.7	46.8
		S/T	0.84	0.79	0.64	0.5	0.87	0.82	0.66	0.5	0.89	0.84	0.68	0.5	0.92	0.86	0.70	0.5	0.96	0.90	0.73	0.5	0.96	0.90	0.74	0.6	1.02	0.96	0.78	0.6
		Δ T	27.4	26.2	22.8	18.2	27.7	26.6	23.1	18.5	27.9	26.8	23.3	18.6	27.5	26.4	23.0	18.3	25.7	24.7	21.4	17.1	25.1	24.1	21.0	16.7	25.1	24.1	21.0	16.7
		KW	2.59	2.66	2.75	2.9	2.82	2.89	2.99	3.1	3.02	3.10	3.21	3.3	3.20	3.28	3.40	3.5	3.35	3.43	3.56	3.7	3.48	3.56	3.70	3.8	3.48	3.56	3.70	3.8
		Amps	6.9	7.1	7.2	7.5	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.6	8.8	9.1	8.9	9.0	9.3	9.6	9.3	9.5	9.8	10.1	9.3	9.5	9.8	10.1
	Hi PR	235	253	267	278.3	263	284	299	312.3	300	322	340	355.1	341	367	388	404.5	384	413	436	455.0	424	456	482	502.8	424	456	482	502.8	
	Lo PR	104	111	121	129.0	110	117	128	136.3	115	122	133	141.6	120	128	140	148.8	126	134	146	155.9	130	139	151	161.3	130	139	151	161.3	
	MBh	55.8	57.1	61.0	65.2	54.5	55.7	59.5	63.6	53.2	54.4	58.1	62.1	51.9	53.1	56.7	60.6	49.3	50.4	53.9	57.6	45.7	46.7	49.9	53.3	42.1	43.0	45.9	49.1	
	S/T	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.5	0.94	0.89	0.72	0.5	0.97	0.91	0.74	0.6	1.00	0.95	0.77	0.6	1.00	0.96	0.78	0.6	1.00	1.00	0.83	0.6	
	Δ T	22.8	21.8	19.0	15.2	23.1	22.1	19.2	15.4	23.1	22.1	19.2	15.4	23.3	22.3	19.4	15.5	22.7	22.0	19.1	15.3	21.0	20.5	17.9	14.3	19.3	19.8	17.4	13.9	
KW	2.66	2.73	2.83	2.9	2.90	2.97	3.08	3.2	3.10	3.18	3.30	3.4	3.29	3.37	3.49	3.6	3.44	3.53	3.66	3.8	3.58	3.66	3.80	3.9	3.58	3.66	3.80	3.9		
Amps	7.1	7.2	7.4	7.6	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.1	9.3	9.5	9.9	9.5	9.8	10.0	10.4	9.5	9.8	10.0	10.4		
Hi PR	242	260	275	286.6	271	292	308	321.6	309	332	351	365.8	352	378	399	416.6	395	426	449	468.7	437	470	496	517.8	437	470	496	517.8		
Lo PR	107	114	125	132.9	113	121	132	140.4	118	125	137	145.9	124	132	144	153.2	130	138	151	160.6	134	143	156	166.1	134	143	156	166.1		
MBh	55.8	57.1	61.0	65.2	54.5	55.7	59.5	63.6	53.2	54.4	58.1	62.1	51.9	53.1	56.7	60.6	49.3	50.4	53.9	57.6	45.7	46.7	49.9	53.3	42.1	43.0	45.9	49.1		
S/T	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.5	0.94	0.89	0.72	0.5	0.97	0.91	0.74	0.6	1.00	0.95	0.77	0.6	1.00	0.96	0.78	0.6	1.00	1.00	0.83	0.6		
Δ T	20.3	19.4	16.9	13.5	20.5	19.7	17.1	13.7	20.5	19.7	17.1	13.7	20.7	19.8	17.2	13.8	20.2	19.5	17.0	13.6	18.7	18.2	15.9	12.7	17.2	17.6	15.5	12.4		
KW	2.66	2.73	2.83	2.9	2.90	2.97	3.08	3.2	3.10	3.18	3.30	3.4	3.29	3.37	3.49	3.6	3.44	3.53	3.66	3.8	3.58	3.66	3.80	3.9	3.58	3.66	3.80	3.9		
Amps	7.1	7.2	7.4	7.6	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.1	9.3	9.5	9.9	9.5	9.8	10.0	10.4	9.5	9.8	10.0	10.4		
Hi PR	242	260	275	286.6	271	292	308	321.6	309	332	351	365.8	352	378	399	416.6	395	426	449	468.7	437	470	496	517.8	437	470	496	517.8		
Lo PR	107	114	125	132.9	113	121	132	140.4	118	125	137	145.9	124	132	144	153.2	130	138	151	160.6	134	143	156	166.1	134	143	156	166.1		
MBh	54.1	55.1	57.8	61.6	52.8	53.9	56.4	60.2	51.6	52.6	55.1	58.8	50.3	51.3	53.7	57.3	47.8	48.7	51.0	54.5	44.3	45.1	47.3	50.4	40.8	41.6	43.5	46.4		
S/T	0.88	0.85	0.77	0.6	0.91	0.88	0.79	0.6	0.94	0.90	0.82	0.7	0.97	0.93	0.84	0.7	1.00	0.97	0.87	0.7	1.00	0.98	0.88	0.7	1.00	1.00	0.93	0.8		
Δ T	29.2	28.7	27.2	23.5	29.6	29.1	27.5	23.8	29.6	29.1	27.5	23.8	29.8	29.3	27.7	24.0	29.3	28.9	27.3	23.6	27.1	27.0	25.5	22.1	25.0	25.5	24.9	21.6		
KW	2.62	2.68	2.78	2.9	2.85	2.92	3.02	3.1	3.05	3.12	3.24	3.4	3.23	3.31	3.43	3.6	3.38	3.46	3.59	3.7	3.51	3.60	3.73	3.9	3.51	3.60	3.73	3.9		
Amps	7.0	7.1	7.3	7.5	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.5	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2		
Hi PR	237	255	269	281.1	266	286	302	315.4	303	326	344	358.7	345	371	392	408.5	388	417	441	459.6	428	461	487	507.8	428	461	487	507.8		
Lo PR	105	112	122	130.3	111	118	129	137.6	116	123	134	143.1	121	129	141	150.3	127	135	148	157.5	132	140	153	162.9	132	140	153	162.9		
MBh	56.8	57.9	60.6	64.7	55.5	56.6	59.2	63.2	54.2	55.2	57.8	61.7	52.8	53.9	56.4	60.2	50.2	51.2	53.6	57.2	46.5	47.4	49.6	53.0	42.8	43.6	45.7	48.8		
S/T	0.93	0.90	0.81	0.7	0.96	0.93	0.84	0.7	0.99	0.95	0.86	0.7	1.00	0.99	0.89	0.7	1.00	1.00	0.92	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.99	0.8		
Δ T	24.3	23.9	22.6	19.6	24.6	24.2	22.9	19.8	24.6	24.2	22.9	19.8	24.3	24.4	23.1	20.0	23.1	23.5	22.7	19.7	21.4	21.8	21.2	18.4	19.7	20.1	20.8	18.0		
KW	2.69	2.75	2.85	3.0	2.92	3.00	3.10	3.2	3.13	3.21	3.33	3.4	3.32	3.40	3.52	3.7	3.47	3.56	3.69	3.8	3.61	3.70	3.83	4.0	3.61	3.70	3.83	4.0		
Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.9	8.7	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5		
Hi PR	244	263	278	289.5	274	295	311	324.8	312	335	354	369.4	355	382	403	420.8	399	430	454	473.4	441	475	501	523.0	441	475	501	523.0		
Lo PR	108	115	126	134.2	115	122	133	141.8	119	127	138	147.3	125	133	145	154.8	131	140	152	162.2	136	144	158	167.8	136	144	158	167.8		
MBh	56.8	57.9	60.6	64.7	55.5	56.6	59.2	63.2	54.2	55.2	57.8	61.7	52.8	53.9	56.4	60.2	50.2	51.2	53.6	57.2	46.5	47.4	49.6	53.0	42.8	43.6	45.7	48.8		
S/T	0.93	0.90	0.81	0.7	0.96	0.93	0.84	0.7	0.99	0.95	0.86	0.7	1.00	0.99	0.89	0.7	1.00	1.00	0.92	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.99	0.8		
Δ T	21.6	21.3	20.1	17.4	21.9	21.5	20.3	17.6	21.9	21.5	20.4	17.6	21.6	21.7	20.5	17.7	20.5	20.9	20.2	17.5	19.0	19.4	18.9	16.3	17.5	17.8	18.5	16.0		
KW	2.69	2.75	2.85	3.0	2.92	3.00	3.10	3.2	3.13	3.21	3.33	3.4	3.32	3.40	3.52	3.7	3.47	3.56	3.69	3.8	3.61	3.70	3.83	4.0	3.61	3.70	3.83	4.0		
Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.9	8.7	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5		
Hi PR	244	263	278	289.5	274	295	311	324.8	312	335	354	369.4	355	382	403	420.8	399	430	454	473.4	441	475	501	523.0	441	475	501	523.0		
Lo PR	108	115	126	134.2	115	122	133	141.8	119	127	138	147.3	125	133	145	154.8	131	140	152	162.2	136	144	158	167.8	136	144	158	167.8		

IDB = Entering Indoor Dry Bulb Temperature  
 Hi PR = Pressure at liquid service valve, psig; LO PR = Pressure at vapor service valve, psig  
 Shaded area reflects AHRI Standard Rating Conditions  
 S/T = Sensible to Total Capacity Ratio  
 kW = Total outdoor unit power, kW  
 Amps = Total outdoor unit current, amps



# WIRING DIAGRAM — GSX13024-362A\*



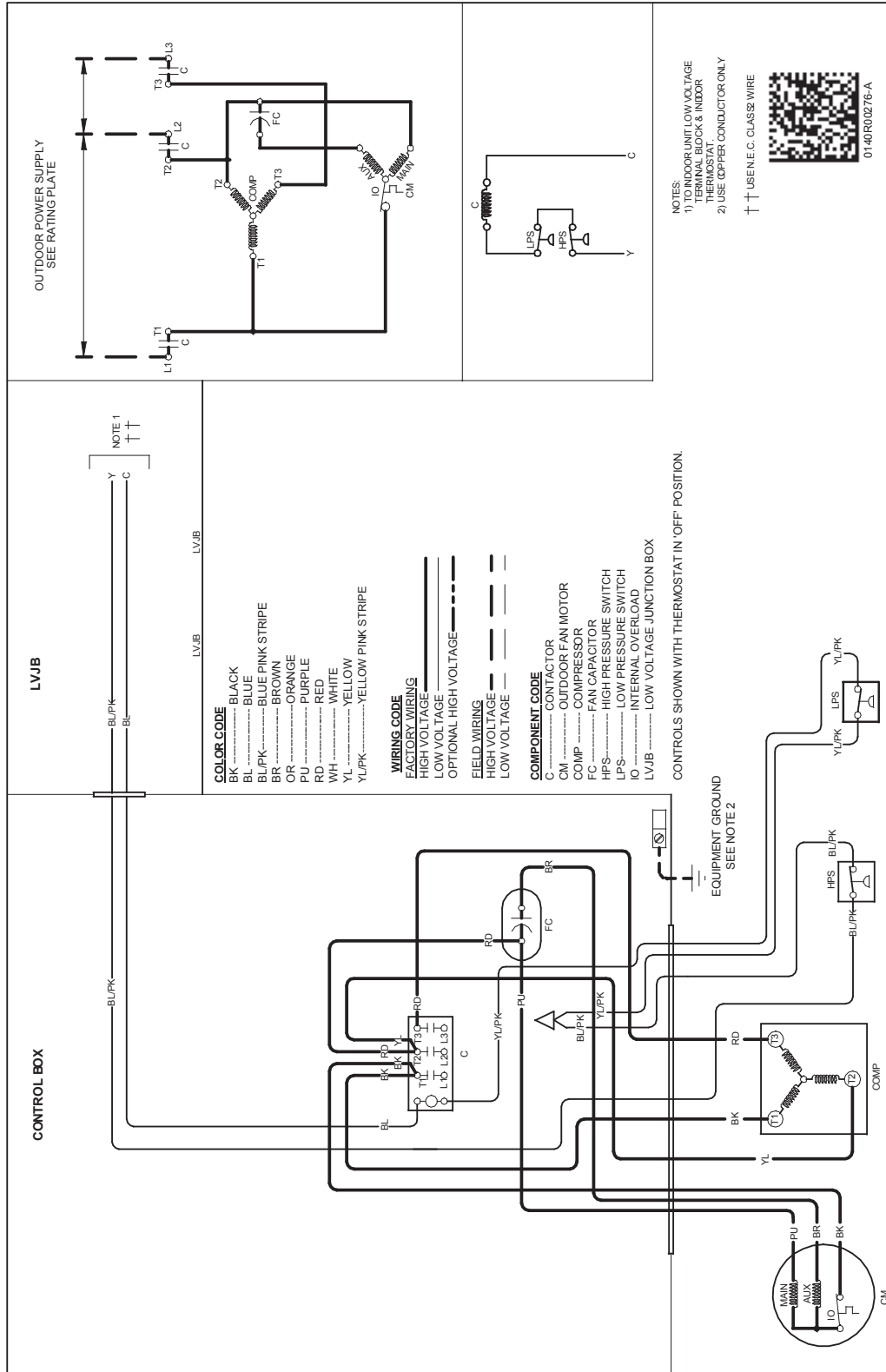
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

**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.



# WIRING DIAGRAM — GSX13036-605A\*



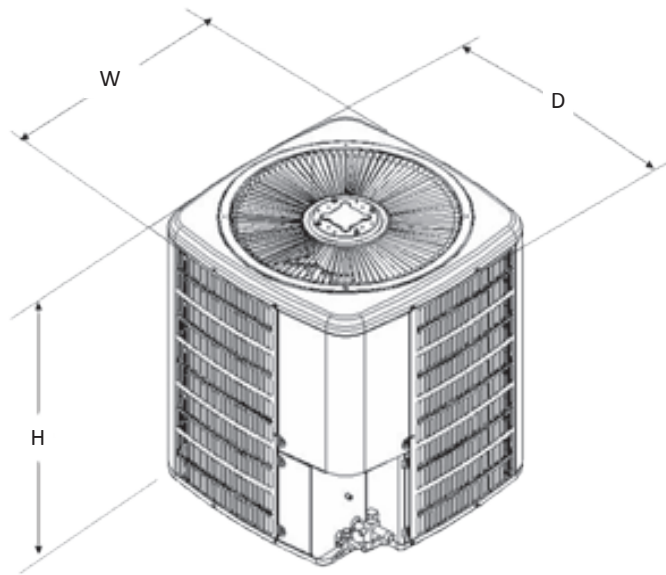
**WARNING**

⚠

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

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

## DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSX130242A*	23	23	25¾
GSX130362A*	29	29	28¾
GSX130365A*	29	29	28¾
GSX130485A*	29	29	36¾
GSX130605A*	35½	35½	36¾

## ACCESSORIES

Model #	Description	GSX13 0242A*	GSX13 036*A*	GSX13 0485A*	GSX13 0605A*
ABK-20	Anchor Bracket Kit ▼			X	X
ABK-21	Anchor Bracket Kit ▼	X	X		
ASC-01	Anti-Short Cycle Kit	X	X	X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X
LSK02A <sup>2</sup>	Liquid Line Solenoid Kit	X	X	X	X
TX2N4 <sup>2</sup>	TXV Kit				
TX2N4A <sup>2</sup>	TXV Kit	X			
TX3N4 <sup>2</sup>	TXV Kit		X		
TX5N4 <sup>2</sup>	TXV Kit			X	X

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

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

<sup>2</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.