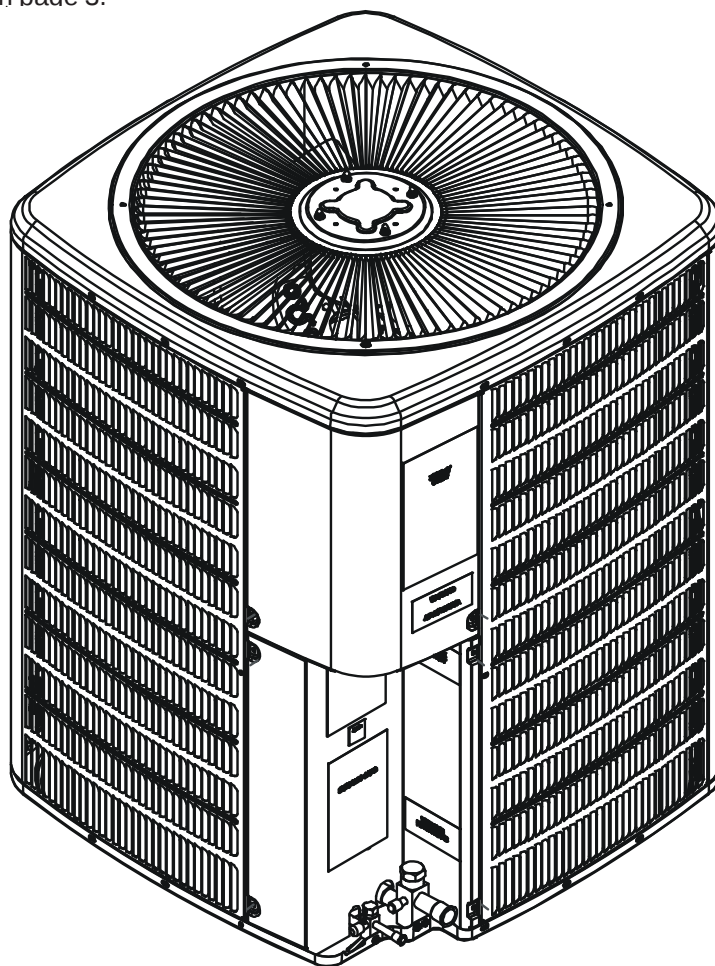




TECHNICAL MANUAL

GSX14 SEER Condensing Units

- Refer to Service Manual RS6200006 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 3.

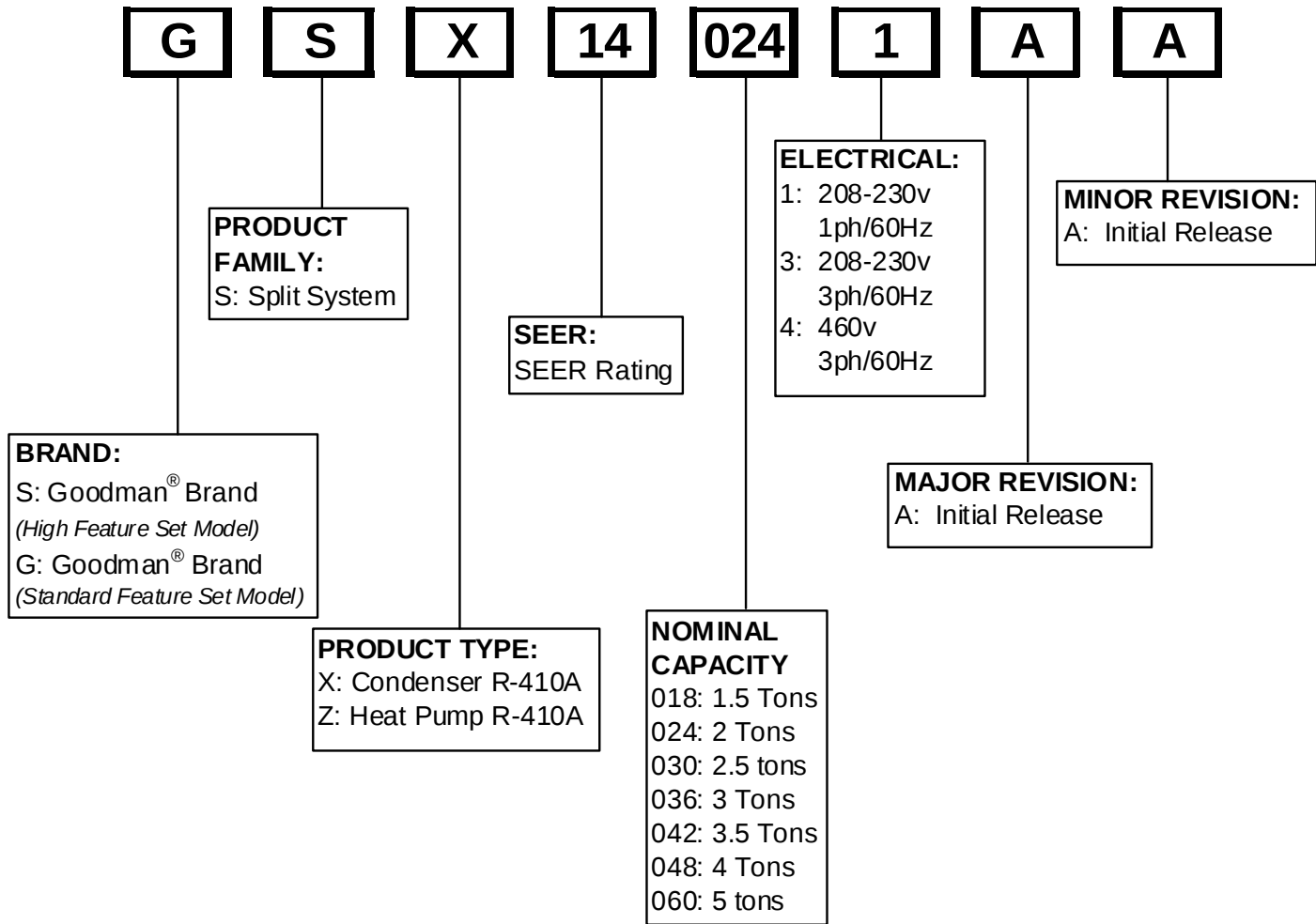


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6113010r1
January 2012

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.



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.



WARNING

Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.



WARNING

ONLY individuals meeting (at a minimum) the requirements of an "Entry Level Technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) may use this information. Attempting to install or repair this unit without such background may result in product damage, personal injury or death.

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

GSX140181A*
GSX140241A*
GSX140301A*
GSX140361A*
GSX140421A*
GSX140481A*
GSX140601A*

** Indicates minor revision & is not used for order entry or inventory management*

WARNING

The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.

WARNING

Do not connect or use any device that is not design certified by Goodman for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.

WARNING

To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

PRODUCT DESIGN

GSX14 models are available in 1 1/2 through 5 ton sizes and use R-410A refrigerant. They are designed for 208/230 volt single phase applications.

The condenser air is pulled through the condenser coil by a direct drive propeller fan. This condenser air is then discharged out of the top of the cabinet.

These units are designed for free air discharge, so no additional resistance like duct work shall be attached.

The suction and liquid line connections on present models are of the sweat type for field piping with refrigerant type copper. Front seating valves are factory installed to accept the field run copper. The total refrigerant charge for a normal installation is factory installed in the condensing unit. GSX units are charged for the matching evaporator coil and a 15 foot refrigerant line set.

Systems should be properly sized by heat gain and loss calculations made according to methods of the Air Conditioning Contractors Association (ACCA) or equivalent. It is the contractors responsibility to ensure the system has adequate capacity to heat or cool the conditioned space.

SSX models use the Copeland Scroll "Ultratech" Series compressors which are specifically designed for R-410A refrigerant. There are a number of design characteristics which are different from the traditional reciprocating and/or scroll compressors.

"Ultratech" Series scroll compressors will not have a discharge thermostat, some of the early model scroll compressors required discharge thermostats.

Due to their design Scroll compressors are inherently more tolerant of small quantities of liquid refrigerant.

NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

"Ultratech" Series scroll compressors use "POE" or polyolester oil which is **NOT** compatible with mineral oil based lubricants like 3GS. "POE" oil must be used if additional oil is required.

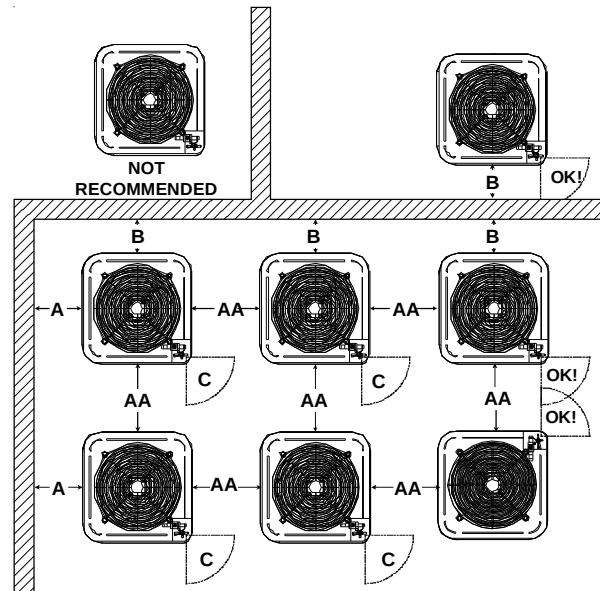
Operating pressures and amp draws may differ from standard reciprocating and/or scroll compressors. This information may be found in the "Cooling Performance Data" section.

minimum of 60 inches between the top of the unit and the obstruction(s). The specified dimensions meet requirements for air circulation only. Consult all appropriate regulatory codes prior to determining final clearances.

Another important consideration in selecting a location for the unit(s) is the angle to obstructions. Either side adjacent the valves can be placed toward the structure provided the side away from the structure maintains minimum service clearance. Corner installations are strongly discouraged.

DO NOT locate the unit:

- Directly under a vent termination for a gas appliance.
- Within 3 feet of a clothes dryer vent.
- Where the refreezing of defrost water would create a hazard.
- Where water may rise into the unit.



Minimum Airflow Clearance				
Model Type	A	B	C	AA
Residential	10"	10"	18"	20"
Light Commercial	12"	12"	18"	24"



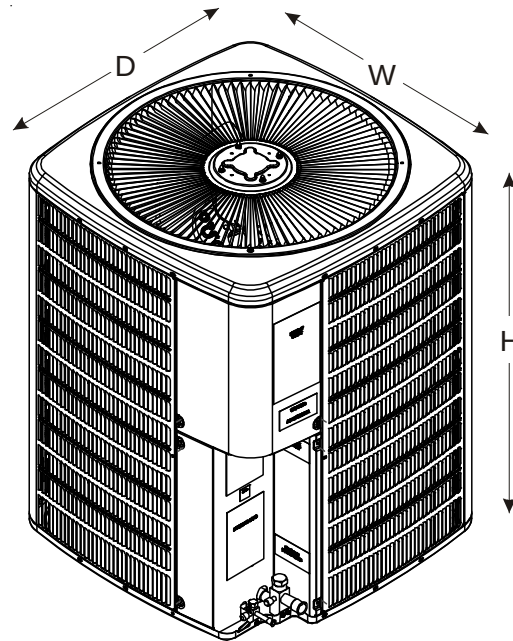
WARNING

To avoid possible injury, explosion or death, practice safe handling of refrigerants.

Special consideration must be given to location of the condensing unit(s) in regard to structures, obstructions, other units, and any/all other factors that may interfere with air circulation. Where possible, the top of the unit should be completely unobstructed; however, if vertical conditions require placement beneath an obstruction **there should be a**

PRODUCT DESIGN

DIMENSIONS



Model	Dimensions - W x D x H
GSX140181A*	26" x 26" x 27½"
GSX140241A*	26" x 26" x 32½"
GSX140301A*	29" x 29" x 32½"
GSX140361A*	29" x 29" x 32½"
GSX140421A*	29" x 29" x 36¼"
GSX140481A*	35½" x 35½" x 36¼"
GSX140601A*	35½" x 35½" x 38¼"

CONDENSING UNIT SPECIFICATIONS

GSX140**1*

	GSX140181 A*	GSX140241 A*	GSX140301 A*	GSX140361 A*
Cooling Capacity, BTUH	18,000	24,000	28,800	34,600
Compressor				
R.L. Amps	9.00	13.5	12.8	14.1
L.R. Amps	48.0	58.3	64.0	77.0
Low Pressure Switch				
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch				
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor				
Horsepower	1/6	1/12	1/6	1/6
F.L. Amps	1.1	0.6	1.1	1.1
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	7/8"
Refrigerant Charge	73.0	91.0	96.0	101.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	12.4	17.5	17.1	18.7
Maximum Overcurrent Device ⁽²⁾	20	30	25	30
Electrical Conduit Size				
Power Supply (Inches)	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	146	156	172	172

	GSX140421 A*	GSX140481 A*	GSX140601 A*
Cooling Capacity, BTUH	40,000	46,000	60,000
Compressor			
R.L. Amps	16.7	19.9	26.4
L.R. Amps	79.0	109.0	134.0
Low Pressure Switch			
Open	22 PSIG	55 PSIG	22 PSIG
Close	50 PSIG	95 PSIG	50 PSIG
High Pressure Switch			
Open	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor			
Horsepower	1/6	1/4	1/4
F.L. Amps	1.1	1.5	1.5
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	7/8"	7/8"	7/8"
Refrigerant Charge	140.0	147.0	271.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	22.0	26.4	34.5
Maximum Overcurrent Device ⁽²⁾	35	45	60
Electrical Conduit Size			
Power Supply (Inches)	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	184	236	280

* Up to 24' in equivalent line length

⁽¹⁾ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.

⁽²⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuses or HACR type Circuit Breaker of the same size as noted.

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/ circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

COOLING PERFORMANCE DATA

GSX140181*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140181*/CA*F3636*6C*

IDB*		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		Entering Indoor Temperature							Wet Bulb Temperature							Entering Indoor Temperature							Wet Bulb Temperature							Entering Indoor Temperature							Wet Bulb Temperature												
	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR													
70	525	MBh	16.7	17.3	18.9	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.5	16.1	17.6	-	14.7	15.3	16.7	-	13.7	14.2	15.5	-	13.7	14.2	15.5	-	13.7	14.2	15.5	-	13.7	14.2	15.5												
		S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	0.76	0.64	0.44	-	0.76	0.64	0.44	-	0.76	0.64	0.44												
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12												
		KW	2.00	2.03	2.08	-	2.11	2.14	2.19	-	2.20	2.24	2.29	-	2.29	2.33	2.38	-	2.36	2.40	2.46	-	2.42	2.46	2.53	-	2.42	2.46	2.53	-	2.42	2.46	2.53	-	2.42	2.46	2.53												
		AMPS	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.5	5.7	5.8	-	5.9	6.0	6.2	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-	6.2	6.3	6.5												
	600	HI PR	208	224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	377	405	428	-	377	405	428	-	377	405	428	-	377	405	428												
		LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-	130	139	151	-	130	139	151												
		MBh	18.1	18.7	20.5	-	17.7	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.0	16.6	18.1	-	14.8	15.3	16.8	-	14.8	15.3	16.8	-	14.8	15.3	16.8	-	14.8	15.3	16.8												
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46												
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12												
75	525	KW	2.03	2.07	2.11	-	2.15	2.18	2.23	-	2.25	2.28	2.34	-	2.33	2.37	2.43	-	2.41	2.45	2.51	-	2.47	2.51	2.58	-	2.47	2.51	2.58	-	2.47	2.51	2.58	-	2.47	2.51	2.58												
		AMPS	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	6.4	6.5	6.7	-	6.4	6.5	6.7	-	6.4	6.5	6.7	-	6.4	6.5	6.7												
		HI PR	215	231	244	-	241	260	274	-	274	295	312	-	312	336	355	-	351	378	399	-	388	418	441	-	388	418	441	-	388	418	441	-	388	418	441												
		LO PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	134	143	156	-	134	143	156	-	134	143	156												
		MBh	18.6	19.3	21.1	-	18.2	18.8	20.7	-	17.8	18.4	20.2	-	17.3	18.0	19.7	-	16.5	17.1	18.7	-	15.2	15.8	17.3	-	15.2	15.8	17.3	-	15.2	15.8	17.3	-	15.2	15.8	17.3												
	675	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48												
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11												
		KW	2.05	2.08	2.12	-	2.16	2.19	2.25	-	2.26	2.30	2.35	-	2.35	2.39	2.45	-	2.42	2.46	2.53	-	2.49	2.53	2.59	-	2.49	2.53	2.59	-	2.49	2.53	2.59	-	2.49	2.53	2.59												
		AMPS	4.6	4.7	4.9	-	5.0	5.1	5.2	-	5.4	5.5	5.7	-	5.7	5.9	6.0	-	6.1	6.2	6.4	-	6.4	6.6	6.8	-	6.4	6.6	6.8	-	6.4	6.6	6.8	-	6.4	6.6	6.8												
		HI PR	217	234	247	-	244	262	277	-	277	298	315	-	315	340	359	-	355	382	403	-	392	422	446	-	392	422	446	-	392	422	446	-	392	422	446												
LO PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-	136	144	158	-	136	144	158	-	136	144	158														
75	525	MBh	17.0	17.5	18.9	20.3	16.6	17.1	18.5	19.8	16.2	16.7	18.0	19.4	15.8	16.3	17.6	18.9	15.0	15.4	16.7	17.9	13.9	14.3	15.5	16.6	13.9	14.3	15.5	16.6	13.9	14.3	15.5	16.6	13.9	14.3	15.5												
		S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38	0.87	0.78	0.59												
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16												
		KW	2.01	2.04	2.09	2.14	2.12	2.15	2.20	2.26	2.22	2.25	2.31	2.37	2.30	2.34	2.40	2.46	2.38	2.42	2.48	2.54	2.44	2.48	2.54	2.61	2.44	2.48	2.54	2.61	2.44	2.48	2.54	2.61	2.44	2.48	2.54												
		AMPS	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.2	6.5	6.3	6.4	6.6	6.8	6.3	6.4	6.6	6.8	6.3	6.4	6.6	6.8	6.3	6.4	6.6												
	600	HI PR	211	227	239	250	236	254	269	280	269	289	305	319	306	329	348	363	344	371	391	408	380	409	432	451	380	409	432	451	380	409	432	451	380	409	432												
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	132	140	153	163	132	140	153	163	132	140	153												
		MBh	18.4	18.9	20.5	22.0	18.0	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.2	16.7	18.1	19.4	15.0	15.5	16.8	18.0	15.0	15.5	16.8	18.0	15.0	15.5	16.8	18.0	15.0	15.5	16.8												
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61												
		Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16												
75	525	KW	2.05	2.08	2.12	2.17	2.16	2.19	2.25	2.30	2.26	2.30	2.35	2.41	2.35	2.39	2.45	2.51	2.42	2.46	2.53	2.59	2.49	2.53	2.60	2.66	2.49	2.53	2.60	2.66	2.49	2.53	2.60	2.66	2.49	2.53	2.60												
		AMPS	4.6	4.7	4.9	5.0	5.0	5.1	5.2	5.4	5.4	5.5	5.7	5.9	5.7	5.9	6.0	6.3	6.1	6.2	6.4	6.7	6.4	6.6	6.8	7.0	6.4	6.6	6.8	7.0	6.4	6.6	6.8	7.0	6.4	6.6	6.8												
		HI PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	403	421	392	422	446	465	392	422	446	465	392	422	446	465	392	422	446												
		LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	136	145	158	168	136	145	158	168	136	145	158												
		MBh	18.9	19.5	21.1	22.6	18.5	19.0	20.6	22.1	18.1	18.6	20.1	21.6	17.6	18.1	19.6	21.1	16.7	17.2	18.6	20.0	15.5	16.0	17.3	18.5	15.5	16.0	17.3	18.5	15.5	16.0	17.3	18.5	15.5	16.0	17.3												
	675	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59																																				

COOLING OPERATION

MODEL: GSX140181*/CA*F3636*6C*

Outdoor Ambient Temperature																																															
65								75								85								95								105								115							
IDB*	Airflow	Entering Indoor Wet Bulb Temperature																																													
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71														
525	MBh	17.3	17.6	18.9	20.2	16.9	17.2	18.4	19.7	16.5	16.8	18.0	19.2	16.1	16.4	17.5	18.7	15.3	15.6	16.7	17.8	14.1	14.4	15.4	16.5	14.1	14.4	15.4	16.5	14.1	14.4	15.4	16.5														
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54	0.95	0.89	0.73	0.54														
	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	24	23	20	16	24	23	20	16														
	KW	2.02	2.05	2.10	2.15	2.13	2.17	2.22	2.27	2.23	2.27	2.32	2.38	2.32	2.36	2.41	2.48	2.39	2.43	2.49	2.56	2.45	2.50	2.56	2.63	2.45	2.50	2.56	2.63	2.45	2.50	2.56	2.63														
	AMPS	4.5	4.6	4.8	4.9	4.9	5.0	5.1	5.3	5.3	5.4	5.6	5.8	5.6	5.8	5.9	6.2	6.0	6.1	6.3	6.5	6.3	6.5	6.7	6.9	6.3	6.5	6.7	6.9	6.3	6.5	6.7	6.9														
	HI PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	414	437	455	384	414	437	455	384	414	437	455														
600	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	133	142	155	165	133	142	155	165														
	MBh	18.7	19.1	20.4	21.8	18.3	18.7	20.0	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	16.5	16.9	18.1	19.3	15.3	15.6	16.7	17.9	15.3	15.6	16.7	17.9	15.3	15.6	16.7	17.9														
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56														
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	23	22	19	15	23	22	19	15														
	KW	2.06	2.09	2.14	2.19	2.17	2.21	2.26	2.31	2.27	2.31	2.37	2.43	2.36	2.40	2.46	2.53	2.44	2.48	2.54	2.61	2.50	2.55	2.61	2.68	2.50	2.55	2.61	2.68	2.50	2.55	2.61	2.68														
	AMPS	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.6	6.9	7.1	6.5	6.6	6.9	7.1	6.5	6.6	6.9	7.1														
675	HI PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	407	425	396	426	450	470	396	426	450	470	396	426	450	470														
	LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	137	146	159	170	137	146	159	170														
	MBh	19.3	19.7	21.0	22.5	18.8	19.2	20.5	22.0	18.4	18.8	20.1	21.4	17.9	18.3	19.6	20.9	17.0	17.4	18.6	19.9	15.8	16.1	17.2	18.4	15.8	16.1	17.2	18.4	15.8	16.1	17.2	18.4														
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59														
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	19	15	21	21	19	15	21	21	19	15														
	KW	2.07	2.10	2.15	2.20	2.19	2.22	2.27	2.33	2.29	2.32	2.38	2.44	2.38	2.42	2.48	2.54	2.45	2.50	2.56	2.63	2.52	2.56	2.63	2.70	2.52	2.56	2.63	2.70	2.52	2.56	2.63	2.70														
675	AMPS	4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	6.5	6.7	6.9	7.2	6.5	6.7	6.9	7.2	6.5	6.7	6.9	7.2														
	HI PR	221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474	400	431	455	474	400	431	455	474														
	LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171	139	147	161	171	139	147	161	171														

525	MBh	17.6	17.9	18.8	20.0	17.2	17.5	18.3	19.5	16.8	17.1	17.9	19.1	16.3	16.7	17.4	18.6	15.5	15.8	16.6	17.7	14.4	14.7	15.4	16.4
	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
	Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	27	26	25	22	25	25	23	20
	KW	2.03	2.06	2.11	2.16	2.15	2.18	2.23	2.29	2.24	2.28	2.34	2.40	2.33	2.37	2.43	2.49	2.41	2.45	2.51	2.57	2.47	2.51	2.58	2.65
	AMPS	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.5	6.7	7.0
	HI PR	215	231	244	255	241	259	274	286	274	295	312	325	312	336	355	370	351	378	399	416	388	418	441	460
	LO PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	MBh	19.0	19.4	20.3	21.7	18.6	19.0	19.9	21.2	18.2	18.5	19.4	20.7	17.7	18.1	18.9	20.2	16.8	17.1	18.0	19.2	15.6	15.9	16.6	17.7
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	600	Delta T	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23
KW		2.07	2.10	2.15	2.20	2.19	2.22	2.27	2.33	2.29	2.32	2.38	2.44	2.38	2.42	2.48	2.54	2.45	2.50	2.56	2.63	2.52	2.56	2.63	2.70
AMPS		4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	6.5	6.7	6.9	7.2
HI PR		221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
LO PR		111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
MBh		19.6	20.0	20.9	22.3	19.2	19.5	20.4	21.8	18.7	19.1	20.0	21.3	18.2	18.6	19.5	20.8	17.3	17.7	18.5	19.7	16.1	16.4	17.1	18.3
S/T		0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
Delta T		25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	20	22	22	22	19
KW		2.08	2.11	2.16	2.21	2.20	2.23	2.29	2.34	2.30	2.34	2.40	2.46	2.39	2.43	2.49	2.56	2.47	2.51	2.58	2.64	2.54	2.58	2.65	2.72
AMPS		4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.2
675	HI PR	224	241	254	265	251	270	285	298	285	307	324	338	325	350	369	385	366	394	416	434	404	435	459	479
	LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173

85

AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

GSX140241*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140241*/CA*F3636*6C*

Outdoor Ambient Temperature																																			
65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
70	700	MBh	23.4	24.2	26.5	-	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.7	22.5	24.7	-	20.7	21.4	23.5	-	19.1	19.8	21.7	-	19.1	19.8	21.7	-					
		S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-					
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-					
		KW	1.60	1.63	1.68	-	1.72	1.75	1.81	-	1.82	1.86	1.92	-	1.91	1.95	2.02	-	1.99	2.03	2.10	-	2.06	2.10	2.17	-	2.06	2.10	2.17	-					
		AMPS	5.8	6.0	6.2	-	6.3	6.5	6.7	-	6.9	7.0	7.3	-	7.3	7.5	7.8	-	7.8	8.0	8.3	-	8.3	8.5	8.8	-	8.3	8.5	8.8	-					
		HI PR	233	250	264	-	261	281	297	-	297	320	337	-	338	364	384	-	380	409	432	-	420	452	478	-	420	452	478	-					
		LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-	131	140	152	-					
	725	MBh	23.6	24.5	26.8	-	23.1	23.9	26.2	-	22.5	23.3	25.6	-	22.0	22.8	24.9	-	20.9	21.6	23.7	-	19.3	20.0	21.9	-	19.3	20.0	21.9	-					
		S/T	0.65	0.54	0.38	-	0.68	0.56	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.63	0.43	-	0.75	0.63	0.43	-					
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-					
		KW	1.62	1.65	1.70	-	1.74	1.77	1.83	-	1.84	1.88	1.94	-	1.93	1.97	2.04	-	2.01	2.06	2.12	-	2.08	2.13	2.19	-	2.08	2.13	2.19	-					
		AMPS	5.9	6.1	6.2	-	6.4	6.5	6.8	-	6.9	7.1	7.3	-	7.4	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-	8.4	8.6	8.9	-					
		HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	389	-	385	415	438	-	426	458	484	-	426	458	484	-					
		LO PR	106	113	123	-	112	119	130	-	117	124	136	-	123	130	142	-	128	137	149	-	133	141	154	-	133	141	154	-					
900	MBh	24.4	25.3	27.7	-	23.9	24.7	27.1	-	23.3	24.1	26.5	-	22.7	23.6	25.8	-	21.6	22.4	24.5	-	20.0	20.7	22.7	-	20.0	20.7	22.7	-						
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-						
	Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-						
	KW	1.64	1.67	1.72	-	1.76	1.80	1.85	-	1.87	1.91	1.97	-	1.96	2.01	2.07	-	2.04	2.09	2.16	-	2.11	2.16	2.23	-	2.11	2.16	2.23	-						
	AMPS	6.0	6.2	6.4	-	6.5	6.7	6.9	-	7.1	7.2	7.5	-	7.6	7.7	8.0	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-	8.5	8.7	9.0	-						
	HI PR	240	259	273	-	270	290	307	-	307	330	349	-	349	376	397	-	383	423	447	-	434	467	494	-	434	467	494	-						
	LO PR	108	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	136	144	157	-	136	144	157	-						

75	700	MBh	23.8	24.5	26.5	28.4	23.2	23.9	25.9	27.8	22.7	23.3	25.3	27.1	22.1	22.8	24.6	26.4	21.0	21.6	23.4	25.1	19.5	20.0	21.7	23.3
		S/T	0.73	0.66	0.50	0.32	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.37
		Delta T	23	21	17	12	23	21	17	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		KW	1.61	1.64	1.69	1.75	1.73	1.77	1.82	1.88	1.84	1.87	1.93	2.00	1.93	1.97	2.03	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26
		AMPS	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.7	8.3	8.5	8.8	9.2
	725	HI PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	384	414	437	456	425	457	483	503
		LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164
		MBh	24.0	24.7	26.8	28.7	23.4	24.1	26.1	28.0	22.9	23.6	25.5	27.4	22.3	23.0	24.9	26.7	21.2	21.8	23.6	25.4	19.6	20.2	21.9	23.5
		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	0.76	0.57	0.37	0.85	0.76	0.58	0.37
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	900	KW	1.63	1.66	1.71	1.77	1.75	1.79	1.84	1.90	1.86	1.89	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.29
		AMPS	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.8	8.4	8.7	8.9	9.3
		HI PR	238	256	271	282	267	288	304	317	304	327	345	360	346	372	393	410	389	419	442	462	430	463	489	510
		LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166
		MBh	24.8	25.6	27.7	29.7	24.3	25.0	27.0	29.0	23.7	24.4	26.4	28.3	23.1	23.8	25.8	27.6	22.0	22.6	24.5	26.3	20.3	20.9	22.7	24.3

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AOCA (TVA) conditions

KW=Total system power

AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

GSX140241*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140241*/CA*F3636*6C*

		Outdoor Ambient Temperature												Indoor Wet Bulb Temperature												115											
		65				75				85				95				105				115															
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
	700	MBh	24.2	24.7	26.4	28.2	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	21.4	21.8	23.3	24.9	19.8	20.2	21.6	23.1	19.8	20.2	21.6	23.1	19.8	20.2	21.6	23.1			
		S/T	0.81	0.76	0.61	0.46	0.83	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.92	0.87	0.71	0.53	0.92	0.87	0.71	0.53	0.92	0.87	0.71	0.53			
		Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	24	23	20	16	24	23	20	16			
		KW	1.62	1.66	1.71	1.76	1.74	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.99	2.05	2.12	2.02	2.07	2.13	2.20	2.09	2.14	2.21	2.28	2.09	2.14	2.21	2.28	2.09	2.14	2.21	2.28			
		AMPS	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.4	8.6	8.9	9.3	8.4	8.6	8.9	9.3			
		HI PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	368	418	441	460	429	462	487	508	429	462	487	508	429	462	487	508			
		LO PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166	134	142	155	166	134	142	155	166			
	725	MBh	24.4	25.0	26.7	28.5	23.9	24.4	26.1	27.8	23.3	23.8	25.4	27.2	22.7	23.2	24.8	26.5	21.6	22.1	23.6	25.2	20.0	20.4	21.8	23.3	20.0	20.4	21.8	23.3	20.0	20.4	21.8	23.3			
		S/T	0.81	0.76	0.62	0.46	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.93	0.88	0.71	0.53	0.93	0.88	0.71	0.53	0.93	0.88	0.71	0.53			
		Delta T	25	24	21	17	26	24	21	17	26	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	24	23	20	16	24	23	20	16			
		KW	1.64	1.67	1.73	1.78	1.76	1.80	1.86	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.11	2.16	2.23	2.31	2.11	2.16	2.23	2.31	2.11	2.16	2.23	2.31			
		AMPS	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.1	7.2	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4	8.5	8.7	9.0	9.4	8.5	8.7	9.0	9.4			
		HI PR	241	259	273	285	270	290	307	320	307	330	349	364	350	376	397	414	393	423	447	466	435	468	494	515	435	468	494	515	435	468	494	515			
		LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	136	144	158	168	136	144	158	168	136	144	158	168			
	900	MBh	25.3	25.8	27.6	29.5	24.7	25.2	27.0	28.8	24.1	24.6	26.3	28.1	23.5	24.0	25.7	27.5	22.3	22.8	24.4	26.1	20.7	21.2	22.6	24.2	20.7	21.2	22.6	24.2	20.7	21.2	22.6	24.2			
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.93	0.76	0.57	1.00	0.93	0.76	0.57	1.00	0.93	0.76	0.57			
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	17	14	21	20	17	14	21	20	17	14			
		KW	1.67	1.70	1.75	1.81	1.79	1.83	1.88	1.94	1.90	1.94	2.00	2.07	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.20	2.27	2.34	2.15	2.20	2.27	2.34	2.15	2.20	2.27	2.34			
		AMPS	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	8.7	8.9	9.2	9.5	8.7	8.9	9.2	9.5			
		HI PR	245	264	279	291	275	296	313	326	313	337	356	371	357	384	405	423	401	432	456	476	443	477	504	525	443	477	504	525	443	477	504	525			
		LO PR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171	138	147	161	171	138	147	161	171			

85	700	700																															
		700																															
		700																															
		700																															
725	725	725																															
		725																															
		725																															
		725																															
900	900	900																															
		900																															
		900																															
		900																															

COOLING PERFORMANCE DATA

GSX140301*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140301*/CA*F3642*6C*

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
875	MBh	25.3	26.2	28.7	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.5	24.4	26.7	-	22.3	23.2	25.4	-	20.7	21.5	23.5	-	20.7	21.5	23.5	-								
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-	0.79	0.66	0.45	-								
	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
	KW	1.92	1.96	2.01	-	2.05	2.09	2.15	-	2.17	2.21	2.27	-	2.27	2.31	2.38	-	2.35	2.40	2.47	-	2.43	2.47	2.55	-	2.43	2.47	2.55	-								
	AMPS	6.8	6.9	7.1	-	7.3	7.5	7.7	-	7.9	8.1	8.3	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.7	10.0	-	9.4	9.7	10.0	-								
1000	HI PR	217	234	247	-	244	262	277	-	277	298	315	-	316	340	359	-	355	382	404	-	393	423	446	-	393	423	446	-								
	LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	131	140	153	-	131	140	153	-								
	MBh	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.7	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-	22.4	23.2	25.5	-								
	S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-								
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
1125	KW	1.97	2.00	2.06	-	2.10	2.14	2.20	-	2.22	2.26	2.32	-	2.32	2.36	2.43	-	2.41	2.45	2.53	-	2.48	2.53	2.61	-	2.48	2.53	2.61	-								
	AMPS	7.0	7.1	7.3	-	7.5	7.7	7.9	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.7	9.9	10.3	-	9.7	9.9	10.3	-								
	HI PR	224	241	255	-	251	271	286	-	286	308	325	-	326	350	370	-	366	394	416	-	405	436	460	-	405	436	460	-								
	LO PR	108	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	136	144	157	-	136	144	157	-								
	MBh	28.2	29.3	32.0	-	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-	23.1	23.9	26.2	-								
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-								
	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-								
	KW	1.98	2.02	2.07	-	2.11	2.15	2.22	-	2.23	2.28	2.34	-	2.34	2.38	2.45	-	2.42	2.47	2.55	-	2.50	2.55	2.63	-	2.50	2.55	2.63	-								
	AMPS	7.0	7.2	7.4	-	7.6	7.7	8.0	-	8.2	8.4	8.6	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.8	10.0	10.4	-	9.8	10.0	10.4	-								
	HI PR	226	244	257	-	254	273	289	-	289	311	328	-	329	354	374	-	370	398	420	-	409	440	465	-	409	440	465	-								
	LO PR	110	116	127	-	116	123	134	-	120	128	140	-	126	134	147	-	132	141	154	-	137	146	159	-	137	146	159	-								

75	MBh	25.7	26.5	28.7	30.8	33.3	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3	21.1	21.7	23.5	25.2	28.1
	S/T	0.78	0.70	0.53	0.34	0.19	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	0.60	0.39	0.89	0.80	0.60	0.39	0.40
	Delta T	21	19	16	11	7	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	21	19	16	11	21	19	16	11	10
	KW	1.94	1.97	2.03	2.09	2.13	2.07	2.11	2.17	2.23	2.18	2.23	2.29	2.36	2.28	2.33	2.40	2.47	2.37	2.42	2.49	2.57	2.44	2.49	2.57	2.65	2.44	2.49	2.57	2.65	2.71
	AMPS	6.8	7.0	7.2	7.5	7.7	7.4	7.5	7.8	8.0	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9	9.5	9.8	10.1	10.5	9.5	9.8	10.1	10.5	10.7
1000	HI PR	220	236	249	260	271	246	265	280	292	280	301	318	332	319	343	363	378	359	386	408	425	397	427	451	470	397	427	451	470	485
	LO PR	106	113	123	131	137	112	119	130	139	117	124	135	144	123	130	142	152	128	137	149	159	133	141	154	164	133	141	154	164	169
	MBh	27.9	28.7	31.1	33.3	35.5	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3	21.1	21.7	23.5	25.2	28.1
	S/T	0.81	0.72	0.55	0.35	0.19	0.84	0.75	0.57	0.36	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	0.93	0.83	0.63	0.40	0.40
	Delta T	21	19	16	11	7	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	10
1125	KW	1.98	2.02	2.07	2.13	2.17	2.11	2.15	2.22	2.28	2.23	2.28	2.34	2.41	2.34	2.38	2.45	2.53	2.43	2.47	2.55	2.63	2.50	2.55	2.63	2.71	2.50	2.55	2.63	2.71	2.73
	AMPS	7.0	7.2	7.4	7.7	7.9	7.6	7.7	8.0	8.3	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.8	10.0	10.4	10.7	9.8	10.0	10.4	10.7	10.8
	HI PR	226	244	257	268	277	254	273	289	301	289	311	328	342	329	354	374	390	370	398	421	439	409	440	465	485	409	440	465	485	489
	LO PR	110	117	127	135	141	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	137	146	159	169	171
	MBh	28.7	29.5	32.0	34.3	36.5	28.0	28.9	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1	23.5	24.2	26.2	28.1	28.1

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ACCA (TV) conditions KW=Total system power AMPS=Outdoor unit amps (comp.+fan)

COOLING OPERATION

Outdoor Ambient Temperature

85	875	MBh	26.6	27.1	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.4	28.2	23.5	24.0	25.1	26.8	21.8	22.2	23.3	24.8
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.73
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	23	23	22	19
		KW	1.97	2.00	2.06	2.12	2.10	2.14	2.20	2.26	2.21	2.26	2.32	2.39	2.32	2.36	2.43	2.51	2.41	2.45	2.53	2.60	2.48	2.53	2.61	2.69
		AMPS	7.0	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	9.9	10.3	10.6
	HI PR	224	241	255	265	251	270	286	298	286	308	325	339	326	350	370	386	366	394	416	434	405	435	460	480	
	LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	136	144	157	168	
	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9	
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	23	24	23	20	22	22	22	19	
1000	KW	2.01	2.05	2.10	2.16	2.14	2.19	2.25	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.49	2.57	2.46	2.51	2.59	2.67	2.54	2.59	2.67	2.75	
	AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.7	10.0	10.3	10.0	10.2	10.5	10.9	
	HI PR	231	248	262	274	259	279	294	307	295	317	335	349	336	361	381	398	378	406	429	447	417	449	474	494	
	LO PR	112	119	130	138	118	126	137	146	123	131	142	152	129	137	150	159	135	144	157	167	140	149	162	173	
	MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7	
1125	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
	Delta T	24	23	22	19	24	24	22	19	23	24	22	19	23	23	22	19	21	22	22	19	20	20	21	18	
	KW	2.02	2.06	2.12	2.18	2.16	2.20	2.26	2.33	2.28	2.33	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.69	2.78	
	AMPS	7.2	7.4	7.6	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.1	10.4	10.1	10.3	10.6	11.0	
	HI PR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	
LO PR	113	120	131	140	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	175		

NOTE: Shaded area is AHRI Rating Conditions

KW=Total system power

AMP S=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

GSX140361*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140361*/CA*F3642*6C*

IDB*	Airflow	Outdoor Ambient Temperature															Cooling Performance														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
70	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-	23.9	24.8	27.5	-	22.9	23.8
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65
	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15
	KW	2.17	2.21	2.28	-	2.33	2.38	2.46	-	2.48	2.54	2.62	-	2.61	2.67	2.76	-	2.73	2.79	2.88	-	2.82	2.89	2.98	-	2.87	2.94	3.03	-	2.96	3.04
	AMPS	7.6	7.8	8.0	-	8.2	8.4	8.6	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.1	10.3	10.7	-	10.7	10.9	11.3	-	10.7	10.9	11.3	-	10.7	10.9
	Hi PR	218	235	248	-	245	264	279	-	279	300	317	-	318	342	361	-	357	384	406	-	395	425	449	-	395	425	449	-	395	425
	LO PR	103	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	128	136	149	-	128	136
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	26.9	27.9	30.6	-	26.9	27.9
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15
70	KW	2.22	2.27	2.34	-	2.39	2.45	2.53	-	2.55	2.60	2.69	-	2.68	2.74	2.83	-	2.80	2.86	2.96	-	2.90	2.96	3.06	-	2.90	2.96	3.06	-	2.90	2.96
	AMPS	7.8	8.0	8.2	-	8.4	8.6	8.9	-	9.1	9.3	9.6	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	11.0	11.2	11.6	-	11.0	11.2	11.6	-	11.0	11.2
	Hi PR	225	242	256	-	253	272	287	-	287	309	327	-	327	352	372	-	368	396	419	-	407	438	462	-	407	438	462	-	407	438
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	132	141	154	-	132	141
	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	27.8	28.8	31.5	-	27.8	28.8
	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	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71
	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14
	KW	2.24	2.29	2.36	-	2.41	2.47	2.55	-	2.57	2.63	2.71	-	2.70	2.77	2.86	-	2.82	2.89	2.98	-	2.92	2.99	3.09	-	2.92	2.99	3.09	-	2.92	2.99
	AMPS	7.9	8.0	8.3	-	8.5	8.7	9.0	-	9.2	9.4	9.7	-	9.8	10.1	10.4	-	10.5	10.7	11.1	-	11.1	11.3	11.7	-	11.1	11.3	11.7	-	11.1	11.3
	Hi PR	227	245	259	-	255	275	290	-	290	312	330	-	331	356	376	-	372	400	423	-	411	442	467	-	411	442	467	-	411	442
	LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-	134	142

75	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	23.9	24.8	27.5	-	22.9	23.8
	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	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	0.89	0.80	0.60	-	0.89	0.80
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	-	20	18
	KW	2.18	2.23	2.30	2.38	2.35	2.41	2.48	2.57	2.50	2.56	2.64	2.73	2.64	2.70	2.79	2.88	2.75	2.81	2.91	3.01	2.85	2.91	3.01	3.11	2.85	2.91	3.01	-	2.85	2.91
	AMPS	7.7	7.8	8.1	8.4	8.3	8.5	8.7	9.0	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.0	11.4	11.8	10.8	11.0	11.4	-	10.8	11.0
	Hi PR	221	238	251	262	248	267	281	294	282	303	320	334	321	345	365	380	361	388	410	428	399	429	453	473	399	429	453	-	399	429
	LO PR	104	110	120	128	110	117	127	135	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160	130	138	151	-	130	138
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	27.4	28.2	30.5	-	27.4	28.2
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40	0.92	0.83	0.62	-	0.92	0.83
	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	-	19	18
75	KW	2.24	2.29	2.36	2.44	2.41	2.47	2.55	2.63	2.57	2.63	2.71	2.80	2.71	2.77	2.86	2.96	2.82	2.89	2.98	3.09	2.92	2.99	3.09	3.20	2.92	2.99	3.09	-	2.92	2.99
	AMPS	7.9	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.3	11.7	12.2	11.1	11.3	11.7	-	11.1	11.3
	Hi PR	228	245	259	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	411	442	467	-	411	442
	LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165	134	142	155	-	134	142
	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8	28.2	29.1	31.5	-	28.2	29.1
	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	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42	0.97	0.87	0.65	-	0.97	0.87
	Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10	19	17	14	-	19	17
	KW	2.26	2.30	2.38	2.46	2.43	2.49	2.57	2.65	2.59	2.65	2.74	2.83	2.73	2.79	2.88	2.98	2.85	2.91	3.01	3.11	2.95	3.01	3.12	3.22	2.95	3.01	3.12	-	2.95	3.01
	AMPS	7.9	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.8	12.3	11.2	11.5	11.8	-	11.2	11.5
	Hi PR	230	247	261	272	258	277	293	306	293	316	333	348	334	359	380	396	376	404	427	445	415	447	472	492	415	447	472	-	415	447
	LO PR	108	115	125	134	114	121	132	141	119	126	138	147	124	132	145	154	130	139	152	161	135	144	157	167	135	144	157	-	135	144

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

KW=Total system power

AMPS=Outdoor unit amps (comp.+fan)

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140361*/CA*F3642*6C*

IDB* Airflow		Outdoor Ambient Temperature															Cooling Operation																								
		65					75					85					95					105					115														
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
		Entering Indoor Wet Bulb Temperature																																							
80	1050	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0									
		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.74	0.56	0.56	0.56	0.56	0.56	0.56	0.56									
		Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	15	15	15	15	15	15									
		KW	2.20	2.25	2.32	2.40	2.37	2.43	2.50	2.59	2.53	2.58	2.67	2.76	2.66	2.72	2.81	2.90	2.77	2.84	2.93	3.03	2.87	2.94	3.04	3.14	3.14	3.14	3.14	3.14	3.14	3.14									
		AMPS	7.7	7.9	8.2	8.5	8.3	8.5	8.8	9.1	9.0	9.3	9.6	9.9	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9	11.9	11.9	11.9	11.9	11.9	11.9									
	1200	HIPR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	365	392	414	432	403	433	458	477	477	477	477	477	477	477	477								
		LO PR	105	111	122	130	111	118	128	137	115	122	134	142	121	128	140	149	127	135	147	157	131	139	152	162	162	162	162	162	162	162									
		MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5								
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58								
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	23	22	20	16	23	22	19	15	21	21	18	14	14	14	14	14	14	14	14								
85	1200	KW	2.26	2.30	2.38	2.46	2.43	2.49	2.57	2.65	2.59	2.65	2.74	2.83	2.73	2.79	2.88	2.98	2.85	2.91	3.01	3.11	2.95	3.01	3.12	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22								
		AMPS	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.8	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3								
		HIPR	230	247	261	272	258	278	293	306	293	316	333	348	334	359	380	396	376	404	427	445	415	447	472	492	492	492	492	492	492	492	492								
		LO PR	108	115	125	134	114	121	132	141	119	126	138	147	125	132	145	154	130	139	152	161	135	144	157	167	167	167	167	167	167	167	167								
		MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5							
	1350	S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61								
		Delta T	22	21	18	15	22	21	19	15	23	21	19	15	22	22	19	15	21	22	19	15	20	20	17	14	14	14	14	14	14	14	14								
		KW	2.27	2.32	2.40	2.48	2.45	2.51	2.59	2.68	2.61	2.67	2.76	2.85	2.75	2.81	2.91	3.01	2.87	2.94	3.03	3.14	2.97	3.04	3.14	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25								
		AMPS	8.0	8.2	8.5	8.8	8.6	8.8	9.1	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	11.9	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4								
		HIPR	232	250	264	275	260	280	296	309	296	319	337	351	337	363	383	400	380	408	431	450	419	451	477	497	497	497	497	497	497	497	497								
LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	169	169	169	169	169	169	169										

COOLING PERFORMANCE DATA

GSX140421*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140421*/CA*F4860*6B*

IDB* Airflow		Outdoor Ambient Temperature										75										85										95										105										115																											
70	1225	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-	28.8	29.8	32.7	-																																	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-																																	
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-																																	
		KW	2.06	2.11	2.18	-	2.23	2.29	2.37	-	2.39	2.45	2.53	-	2.52	2.59	2.68	-	2.64	2.70	2.80	-	2.74	2.81	2.91	-	2.74	2.81	2.91	-	2.74	2.81	2.91	-	2.74	2.81	2.91	-	2.74	2.81	2.91	-	2.74	2.81	2.91	-																																	
		AMPS	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.3	10.5	10.9	-	11.0	11.3	11.6	-	11.7	12.0	12.4	-	12.4	12.7	13.1	-	12.4	12.7	13.1	-	12.4	12.7	13.1	-	12.4	12.7	13.1	-	12.4	12.7	13.1	-	12.4	12.7	13.1	-																																	
		HI PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-	406	436	461	-	406	436	461	-	406	436	461	-	406	436	461	-	406	436	461	-																																	
		LO PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	134	143	156	-	134	143	156	-	134	143	156	-	134	143	156	-	134	143	156	-																																	
		MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-	31.2	32.3	35.4	-	31.2	32.3	35.4	-	31.2	32.3	35.4	-	31.2	32.3	35.4	-	31.2	32.3	35.4	-																																	
	S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-																																		
	Delta T	17	15	11	-	18	15	11	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-																																		
	1450	KW	2.11	2.16	2.24	-	2.29	2.35	2.43	-	2.45	2.51	2.60	-	2.60	2.66	2.75	-	2.71	2.78	2.88	-	2.82	2.89	2.99	-	2.82	2.89	2.99	-	2.82	2.89	2.99	-	2.82	2.89	2.99	-	2.82	2.89	2.99	-	2.82	2.89	2.99	-																																	
AMPS		9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.6	10.8	11.2	-	11.3	11.6	12.0	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-	12.8	13.1	13.5	-																																		
HI PR		231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-	418	450	475	-	418	450	475	-	418	450	475	-	418	450	475	-																																		
LO PR		111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	139	147	161	-	139	147	161	-	139	147	161	-	139	147	161	-	139	147	161	-																																		
MBh		38.4	39.8	43.6	-	37.5	38.9	42.6	-	36.6	38.0	41.6	-	35.8	37.1	40.6	-	34.0	35.2	38.6	-	31.5	32.6	35.7	-	31.5	32.6	35.7	-	31.5	32.6	35.7	-	31.5	32.6	35.7	-	31.5	32.6	35.7	-	31.5	32.6	35.7	-																																		
S/T		0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-																																		
Delta T		16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-																																		
KW		2.12	2.17	2.25	-	2.30	2.36	2.44	-	2.46	2.52	2.61	-	2.60	2.67	2.76	-	2.72	2.79	2.89	-	2.83	2.89	3.00	-	2.83	2.89	3.00	-	2.83	2.89	3.00	-	2.83	2.89	3.00	-	2.83	2.89	3.00	-	2.83	2.89	3.00	-																																		
1575	AMPS	9.0	9.2	9.6	-	9.8	10.0	10.3	-	10.6	10.9	11.2	-	11.3	11.6	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.6	-	12.8	13.1	13.6	-	12.8	13.1	13.6	-	12.8	13.1	13.6	-	12.8	13.1	13.6	-	12.8	13.1	13.6	-																																		
	HI PR	232	250	264	-	260	280	296	-	296	319	337	-	337	363	383	-	380	408	431	-	419	451	476	-	419	451	476	-	419	451	476	-	419	451	476	-	419	451	476	-	419	451	476	-																																		
	LO PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-	139	148	161	-	139	148	161	-	139	148	161	-	139	148	161	-	139	148	161	-																																		

			* Entering Indoor Dry Bulb Temperature																														NOTE: Shaded area is ACCA (TVSA) conditions										KW=Total system power										AMPS=Outdoor unit amps (comp.+fan)									
			1225										1450										1575																																							
75			MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0	29.2	30.1	32.6	35.0																															
			S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39																															
			Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10																															
			KW	2.08	2.13	2.20	2.28	2.25	2.31	2.39	2.47	2.41	2.47	2.56	2.65	2.55	2.61	2.70	2.80	2.67	2.73	2.83	2.93	2.77	2.83	2.94	3.04	2.77	2.83	2.94	3.04																															
			AMPS	8.8	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.3	13.8	12.5	12.8	13.3	13.8																															
			HIPR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486	410	441	466	486																															
			LOPR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	145	155	131	140	152	162	136	144	158	168	136	144	158	168																															
			MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9	31.7	32.6	35.3	37.9																															
			S/T	0.81	0.73	0.55	0.35	0.84	0.76	0.57	0.37	0.87	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41																															
			Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10	19	17	14	10																															
			KW	2.13	2.18	2.26	2.34	2.32	2.37	2.45	2.54	2.48	2.54	2.63	2.72	2.62	2.68	2.78	2.88	2.74	2.81	2.91	3.01	2.84	2.91	3.02	3.13	2.84	2.91	3.02	3.13																															
			AMPS	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.4	12.9	13.2	13.6	14.2	12.9	13.2	13.6	14.2																															
			HIPR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501	422	454	480	501																															
			LOPR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	140	149	163	173																															
			MBh	39.1	40.2	43.6	46.8	38.2	39.3	42.5	45.7	37.3	38.4	41.5	44.6	36.4	37.4	40.5	43.5	34.5	35.6	38.5	41.3	32.0	32.9	35.7	38.3	32.0	32.9	35.7	38.3																															
			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	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42	0.95	0.85	0.65	0.42																															
			Delta T	19	17	14	10	19	18	14	10	19	18	14	10	19	18	15	10	19	18	14	10	18	16	13	9	18	16	13	9																															
			KW	2.14	2.19	2.27	2.35	2.32	2.38	2.46	2.55	2.48	2.54	2.63	2.73	2.63	2.69	2.79	2.89	2.75	2.81	2.92	3.02	2.85	2.92	3.03	3.14	2.85	2.92	3.03	3.14																															
			AMPS	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2	12.9	13.2	13.7	14.2																															
			HIPR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502	424	456	481	502																															
			LOPR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	140	149	163	174																															

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140421*/CA*F4860*6B*

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1225	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7	29.8	30.4	32.5	34.7							
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	0.99	0.93	0.75	0.56							
		Delta T	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.2	2.1	1.8	1.5	2.2	2.1	1.8	1.5							
		KW	2.10	2.14	2.22	2.30	2.27	2.33	2.41	2.50	2.43	2.49	2.58	2.67	2.57	2.63	2.73	2.83	2.69	2.75	2.85	2.96	2.79	2.86	2.96	3.07	2.79	2.86	2.96	3.07							
		AMPS	8.9	9.1	9.4	9.8	9.6	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1	12.6	12.9	13.4	13.9	12.6	12.9	13.4	13.9							
	1450	HIPR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490	414	445	470	490							
		LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	137	146	159	170							
		MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6	32.2	32.9	35.2	37.6							
		S/T	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59							
		Delta T	2.2	2.1	1.9	1.5	2.3	2.2	1.9	1.5	2.3	2.2	1.9	1.5	2.3	2.2	1.9	1.5	2.2	2.2	1.9	1.5	2.0	2.0	1.7	1.4	2.0	2.0	1.7	1.4							
85	1225	KW	2.15	2.20	2.28	2.36	2.34	2.39	2.48	2.57	2.50	2.56	2.65	2.75	2.64	2.71	2.80	2.91	2.77	2.83	2.93	3.04	2.87	2.94	3.05	3.16	2.87	2.94	3.05	3.16							
		AMPS	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.8	14.3	12.3	12.6	13.0	13.5							
		HIPR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506	427	459	485	506							
		LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	141	150	164	175							
		MBh	39.8	40.7	43.4	46.4	38.9	39.7	42.4	45.3	37.9	38.8	41.4	44.3	37.0	37.8	40.4	43.2	35.2	35.9	38.4	41.0	32.6	33.3	35.6	38.0	32.6	33.3	35.6	38.0							
	1575	S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	1.00	0.98	0.80	0.60							
		Delta T	2.1	2.0	1.8	1.4	2.1	2.1	1.8	1.4	2.1	2.1	1.8	1.4	2.2	2.1	1.8	1.4	2.1	2.0	1.8	1.4	1.9	1.9	1.7	1.3	1.9	1.9	1.7	1.3							
		KW	2.16	2.21	2.29	2.37	2.34	2.40	2.48	2.57	2.51	2.57	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	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	13.0	13.4	13.8	14.3							
		HIPR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507	428	460	486	507							
LO PR	113	121	132	140	120	127	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	175	142	151	165	175									

COOLING PERFORMANCE DATA

GSX140481*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140481*/CA*F4860*6D*

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1750	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-			
		S/T	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-			
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-			
		KW	3.04	3.10	3.19	-	3.25	3.32	3.42	-	3.44	3.51	3.62	-	3.61	3.69	3.80	-	3.75	3.83	3.95	-	3.88	3.96	4.08	-	3.75	3.83	3.95	-	3.88	3.96	4.08	-			
		AMPS	10.8	11.1	11.5	-	11.7	12.1	12.5	-	12.9	13.2	13.7	-	13.8	14.2	14.7	-	14.8	15.2	15.7	-	15.7	16.2	16.8	-	14.8	15.2	15.7	-	15.7	16.2	16.8	-			
	1550	HI PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	365	392	414	-	403	433	458	-	365	392	414	-	403	433	458	-			
		LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	129	137	149	-	133	142	155	-			
		MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-			
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-			
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	19	16	12	-	18	15	12	-			
1350	1750	KW	3.01	3.07	3.16	-	3.23	3.29	3.39	-	3.42	3.49	3.59	-	3.58	3.66	3.77	-	3.72	3.80	3.92	-	3.85	3.93	4.05	-	3.72	3.80	3.92	-	3.85	3.93	4.05	-			
		AMPS	10.7	10.9	11.3	-	11.6	11.9	12.4	-	12.7	13.1	13.5	-	13.7	14.1	14.6	-	14.6	15.0	15.6	-	15.6	16.0	16.6	-	14.6	15.0	15.6	-	15.6	16.0	16.6	-			
		HI PR	221	238	251	-	248	267	281	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-	361	388	410	-	399	429	453	-			
		LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	127	135	148	-	132	140	153	-			
		MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-			
	1550	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-			
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	19	17	13	-	18	16	12	-			
		KW	2.95	3.01	3.09	-	3.16	3.22	3.31	-	3.34	3.41	3.51	-	3.50	3.57	3.68	-	3.64	3.71	3.83	-	3.76	3.83	3.95	-	3.64	3.71	3.83	-	3.76	3.83	3.95	-			
		AMPS	10.3	10.6	11.0	-	11.3	11.6	12.0	-	12.4	12.7	13.1	-	13.3	13.6	14.1	-	14.2	14.6	15.1	-	15.1	15.5	16.1	-	14.2	14.6	15.1	-	15.1	15.5	16.1	-			
		HI PR	214	230	243	-	240	259	273	-	273	294	310	-	311	335	354	-	350	377	398	-	387	416	440	-	350	377	398	-	387	416	440	-			
LO PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-	124	131	143	-	128	136	148	-					

		Outdoor Ambient Temperature																																																											
		65						75						85						95						105						115																													
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
1750	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	40.5	41.7	45.1	48.5																
	S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.98	0.88	0.66	0.43																
	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	21	19	16	11	19	18	15	10	21	19	16	11	19	18	15	10	21	19	16	11																
	KW	3.06	3.12	3.21	3.31	3.28	3.34	3.44	3.55	3.47	3.54	3.65	3.76	3.64	3.71	3.83	3.95	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	3.78	3.86	3.98	4.11																
	AMPS	10.9	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.4	14.0	14.3	14.9	15.5	14.9	15.3	15.9	16.6	15.9	16.3	16.9	17.6	14.9	15.3	15.9	16.6	15.9	16.3	16.9	17.6	14.9	15.3	15.9	16.6	15.9	16.3	16.9	17.6	14.9	15.3	15.9	16.6																
1550	HI PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482	368	396	418	436	407	438	462	482	368	396	418	436	407	438	462	482	368	396	418	436																
	LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	130	138	151	161	134	143	156	166	130	138	151	161	134	143	156	166	130	138	151	161																
	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	39.3	40.5	43.8	47.0																
	S/T	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.93	0.84	0.63	0.41																
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	22	20	16	11	20	19	15	11	22	20	16	11	20	19	15	11	22	20	16	11																
1350	KW	3.04	3.10	3.19	3.28	3.25	3.32	3.42	3.52	3.44	3.51	3.62	3.73	3.61	3.69	3.80	3.92	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21	3.75	3.83	3.95	4.08																
	AMPS	10.8	11.1	11.5	11.9	11.7	12.1	12.5	13.0	12.9	13.2	13.7	14.2	13.8	14.2	14.7	15.3	14.8	15.2	15.7	16.4	15.8	16.2	16.8	17.4	14.8	15.2	15.7	16.4	15.8	16.2	16.8	17.4	14.8	15.2	15.7	16.4	15.8	16.2	16.8	17.4	14.8	15.2	15.7	16.4																
	HI PR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	477	365	392	414	432	403	434	458	477	365	392	414	432	403	434	458	477	365	392	414	432																
	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	129	137	149	159	133	142	155	165	129	137	149	159	133	142	155	165	129	137	149	159																
	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	36.3	37.4	40.5																	
1150	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.90	0.81	0.61	0.39																
	Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	22	21	17	12	21	19	16	11	22	21	17	12	21	19	16	11	22	21	17	12																
	KW	2.97	3.03	3.12	3.21	3.18	3.24	3.34	3.44	3.36	3.43	3.54	3.65	3.53	3.60	3.71	3.83	3.67	3.74	3.86	3.98	3.79	3.86	3.99	4.11	3.67	3.74	3.86	3.98	3.79	3.86	3.99	4.11	3.67	3.74	3.86	3.98	3.79	3.86	3.99	4.11	3.67	3.74	3.86	3.98																
	AMPS	10.5	10.7	11.1	11.6	11.4	11.7	12.1	12.6	12.5	12.8	13.3	13.8	13.4	13.8	14.3	14.9	14.4	14.7	15.3	15.9	15.3	15.7	16.3	16.9	14.4	14.7	15.3	15.9	15.3	15.7	16.3	16.9	14.4	14.7	15.3	15.9	15.3	15.7	16.3	16.9	14.4	14.7	15.3	15.9																
	HI PR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	421	444	463	354	381	402	419	391	421	444	463	354	381	402	419	391	421	444	463	354	381	402	419																
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	125	133	145	154	129	137	150	160	125	133	145	154	129	137	150	160	125	133	145	154																	

COOLING PERFORMANCE DATA

GSX140481*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140481*/CA*F4860*6D*

IDB* Airflow			Outdoor Ambient Temperature															115																
			65					75					85								95					105								
			Entering Indoor Wet Bulb Temperature																															
1750	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
	S/T	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6	38.2	39.0	41.7	44.6	38.2	39.0	41.7	44.6	
	Delta T	23	22	19	15	24	22	20	16	23	22	20	16	23	23	23	20	16	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14
	KW	3.08	3.14	3.23	3.33	3.30	3.37	3.47	3.58	3.50	3.57	3.68	3.79	3.67	3.74	3.86	3.98	3.81	3.89	4.02	4.14	3.94	4.02	4.15	4.28	3.94	4.02	4.15	4.28	3.94	4.02	4.15	4.28	
	AMPS	11.0	11.3	11.7	12.2	12.0	12.3	12.7	13.3	13.1	13.5	14.0	14.5	14.1	14.5	15.0	15.6	15.1	15.5	16.1	16.7	16.1	16.5	17.1	17.8	16.1	16.5	17.1	17.8	16.1	16.5	17.1	17.8	
	HI PR	227	245	258	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	411	442	467	487	411	442	467	487	
	LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	136	144	158	168	136	144	158	168	
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	
	S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59	
	Delta T	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	22	22	19	15	24	23	20	16	22	22	19	15	
1550	KW	3.06	3.12	3.21	3.31	3.28	3.34	3.44	3.55	3.47	3.54	3.65	3.76	3.64	3.72	3.83	3.95	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	3.91	3.99	4.12	4.25	3.91	3.99	4.12	4.25	
	AMPS	10.9	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.4	14.0	14.3	14.9	15.5	14.9	15.3	15.9	16.6	15.9	16.3	16.9	17.6	15.9	16.3	16.9	17.6	15.9	16.3	16.9	17.6	
	HI PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	419	436	407	438	462	482	407	438	462	482	407	438	462	482	
	LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	134	143	156	166	134	143	156	166	
	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	
	S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57	1.00	0.93	0.75	0.56	1.00	0.93	0.76	0.57	
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	25	24	21	17	23	22	19	15	
	KW	2.99	3.05	3.14	3.23	3.20	3.27	3.36	3.47	3.39	3.46	3.56	3.67	3.55	3.63	3.74	3.86	3.69	3.77	3.89	4.01	3.82	3.90	4.02	4.15	3.82	3.90	4.02	4.15	3.82	3.90	4.02	4.15	
	AMPS	10.6	10.8	11.2	11.7	11.5	11.8	12.2	12.7	12.6	12.9	13.4	14.0	13.6	13.9	14.4	15.0	14.5	14.9	15.4	16.1	15.4	15.8	16.4	17.1	15.4	15.8	16.4	17.1	15.4	15.8	16.4	17.1	
	HI PR	218	235	248	259	245	264	279	291	279	300	317	330	318	342	361	376	357	384	406	423	395	425	449	468	395	425	449	468	395	425	449	468	
LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	126	134	146	156	130	139	151	161		

		85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		1750										1550										1350																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR	MBh	S/T	Delta T	KW	AMPS	HI PR	LO PR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

COOLING PERFORMANCE DATA

GSX140601*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140601*/CA*F4860D*6C*

IDB* Airflow		Outdoor Ambient Temperature																105																115			
		65								75								85								95											
		Entering Indoor Wet Bulb Temperature																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
2025	MBh	54.9	56.9	62.3	-	53.6	55.6	60.9	-	52.3	54.2	59.4	-	51.0	52.9	58.0	-	48.5	50.3	55.1	-	44.9	46.6	51.0	-	44.9	46.6	51.0	-	44.9	46.6	51.0	-				
	S/T	0.71	0.60	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	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-				
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-	17	14	11	-				
	KW	4.04	4.13	4.25	-	4.35	4.44	4.58	-	4.61	4.71	4.86	-	4.85	4.95	5.11	-	5.05	5.16	5.33	-	5.22	5.34	5.51	-	5.22	5.34	5.51	-	5.22	5.34	5.51	-				
	AMPS	14.5	14.8	15.3	-	15.6	16.0	16.6	-	17.0	17.4	18.0	-	18.2	18.7	19.3	-	21.3	21.8	22.6	-	22.5	23.1	23.8	-	22.5	23.1	23.8	-	22.5	23.1	23.8	-				
	HIPR	249	268	272	-	274	294	298	-	320	344	349	-	365	392	398	-	411	441	448	-	474	510	517	-	474	510	517	-	474	510	517	-				
	LO PR	117	120	132	-	120	124	135	-	124	128	140	-	128	132	144	-	130	134	147	-	133	138	150	-	133	138	150	-	133	138	150	-				
1800	MBh	53.3	55.2	60.5	-	52.0	53.9	59.1	-	50.8	52.7	57.7	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-	43.6	45.2	49.5	-	43.6	45.2	49.5	-				
	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	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-				
	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-				
	KW	4.01	4.09	4.22	-	4.31	4.40	4.54	-	4.58	4.67	4.82	-	4.81	4.91	5.07	-	5.01	5.12	5.29	-	5.18	5.30	5.47	-	5.18	5.30	5.47	-	5.18	5.30	5.47	-				
	AMPS	14.3	14.7	15.2	-	15.5	15.9	16.4	-	16.9	17.3	17.9	-	18.1	18.5	19.1	-	21.1	21.6	22.4	-	22.3	22.8	23.6	-	22.3	22.8	23.6	-	22.3	22.8	23.6	-				
	HIPR	247	265	269	-	271	291	296	-	317	341	346	-	361	388	394	-	406	437	443	-	470	505	512	-	470	505	512	-	470	505	512	-				
	LO PR	116	119	130	-	119	123	134	-	123	127	139	-	126	130	142	-	129	133	145	-	132	136	149	-	132	136	149	-	132	136	149	-				
1575	MBh	49.2	51.0	55.8	-	48.0	49.8	54.5	-	46.9	48.6	53.2	-	45.7	47.4	51.9	-	43.5	45.0	49.3	-	40.3	41.7	45.7	-	40.3	41.7	45.7	-	40.3	41.7	45.7	-				
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-	0.75	0.63	0.44	-	0.75	0.63	0.44	-				
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-				
	KW	3.98	4.06	4.19	-	4.28	4.37	4.50	-	4.54	4.64	4.78	-	4.77	4.87	5.03	-	4.97	5.08	5.24	-	5.14	5.25	5.42	-	5.14	5.25	5.42	-	5.14	5.25	5.42	-				
	AMPS	14.2	14.5	15.0	-	15.4	15.7	16.3	-	16.7	17.1	17.7	-	17.9	18.3	19.0	-	20.9	21.4	22.2	-	22.1	22.6	23.4	-	22.1	22.6	23.4	-	22.1	22.6	23.4	-				
	HIPR	244	263	266	-	268	288	293	-	314	338	342	-	358	385	390	-	402	433	439	-	465	500	507	-	465	500	507	-	465	500	507	-				
	LO PR	114	118	129	-	118	122	133	-	122	126	137	-	125	129	141	-	128	132	144	-	131	135	147	-	131	135	147	-	131	135	147	-				

75	2025	MBh	55.8	57.5	62.2	66.7	54.5	56.1	60.7	65.2	53.2	54.8	59.3	63.6	51.9	53.4	57.9	62.1	49.3	50.8	55.0	59.0	45.7	47.0	50.9	54.6
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	4.04	4.13	4.25	4.39	4.35	4.44	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.95	5.11	5.28	5.05	5.16	5.33	5.51	5.22	5.34	5.51	5.70
		AMPS	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.7	19.3	20.1	21.3	21.8	22.6	23.5	22.5	23.1	23.8	24.8
		HIPR	249	268	272	278	274	294	298	305	320	344	349	357	365	392	398	407	411	441	448	458	474	510	517	529
		LOPR	117	120	132	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	147	156	133	138	150	160
	1800	MBh	54.2	55.8	60.4	64.8	52.9	54.5	59.0	63.3	51.7	53.2	57.6	61.8	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.3	44.4	45.7	49.4	53.0
		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
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
KW		4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.67	4.82	4.98	4.81	4.91	5.07	5.24	5.01	5.12	5.29	5.46	5.18	5.30	5.47	5.65	
AMPS		14.3	14.7	15.2	15.7	15.5	15.9	16.4	17.0	16.9	17.3	17.9	18.6	18.1	18.5	19.1	19.9	21.1	21.6	22.4	23.2	22.3	22.8	23.6	24.5	
HIPR		247	265	269	275	271	291	296	302	317	341	346	354	361	388	394	403	406	437	443	453	470	505	512	523	
LOPR		116	119	130	139	119	123	134	143	123	127	139	148	126	130	142	152	129	133	145	155	132	136	149	158	
1575	MBh	50.0	51.5	55.7	59.8	48.8	50.3	54.4	58.4	47.7	49.1	53.1	57.0	46.5	47.9	51.8	55.6	44.2	45.5	49.3	52.9	40.9	42.1	45.6	49.0	
	S/T	0.75	0.67	0.51	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37	
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11	
	KW	3.98	4.06	4.19	4.32	4.28	4.37	4.50	4.65	4.54	4.64	4.78	4.94	4.77	4.87	5.03	5.20	4.97	5.08	5.24	5.41	5.14	5.25	5.42	5.60	
	AMPS	14.2	14.5	15.0	15.6	15.4	15.7	16.3	16.9	16.7	17.1	17.7	18.4	17.9	18.3	19.0	19.7	20.9	21.4	22.2	23.0	22.1	22.6	23.4	24.3	
	HIPR	244	263	266	272	268	288	293	299	314	338	342	350	358	385	390	399	402	433	439	448	465	500	507	518	
	LOPR	114	118	129	137	118	122	133	141	122	126	137	146	125	129	141	150	128	132	144	153	131	135	147	157	

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GSX140601*/CA*F4860D*6C*

		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		Entering Indoor Wet Bulb Temperature																							
2025	MBh	56.8	58.0	62.0	66.3	55.5	56.7	60.6	64.7	54.2	55.3	59.1	63.2	52.8	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	24	22	20	16	23	22	19	15	21	21	18	14
	KW	4.04	4.13	4.25	4.39	4.35	4.44	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.95	5.11	5.28	5.05	5.16	5.33	5.51	5.22	5.34	5.51	5.70
	AMPS	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.7	19.3	20.1	21.3	21.8	22.6	23.5	22.5	23.1	23.8	24.8
	HI PR	249	268	272	278	274	294	298	305	320	344	349	357	365	392	398	407	411	441	448	458	474	510	517	529
	LO PR	117	120	132	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	147	156	133	138	150	160
1800	MBh	55.1	56.3	60.2	64.4	53.9	55.0	58.8	62.9	52.6	53.7	57.4	61.4	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7
	S/T	0.85	0.80	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
	KW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.67	4.82	4.98	4.81	4.91	5.07	5.24	5.01	5.12	5.29	5.46	5.18	5.30	5.47	5.65
	AMPS	14.3	14.7	15.2	15.7	15.5	15.9	16.4	17.0	16.9	17.3	17.9	18.6	18.1	18.5	19.1	19.9	21.1	21.6	22.4	23.2	22.3	22.8	23.6	24.5
	HI PR	247	265	269	275	271	291	296	302	317	341	346	354	361	388	394	403	406	437	443	453	470	505	512	523
	LO PR	116	119	130	139	119	123	134	143	123	127	139	148	126	130	142	152	129	133	145	155	132	136	149	158
1575	MBh	50.9	52.0	55.6	59.4	49.7	50.8	54.3	58.0	48.5	49.6	53.0	56.6	47.3	48.4	51.7	55.3	45.0	46.0	49.1	52.5	41.7	42.6	45.5	48.6
	S/T	0.82	0.77	0.62	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
	Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
	KW	3.98	4.06	4.19	4.32	4.28	4.37	4.50	4.65	4.54	4.64	4.78	4.94	4.77	4.87	5.03	5.20	4.97	5.08	5.24	5.41	5.14	5.25	5.42	5.60
	AMPS	14.2	14.5	15.0	15.6	15.4	15.7	16.3	16.9	16.7	17.1	17.7	18.4	17.9	18.3	19.0	19.7	20.9	21.4	22.2	23.0	22.1	22.6	23.4	24.3
	HI PR	244	263	266	272	268	288	293	299	314	338	342	350	358	385	390	399	402	433	439	448	465	500	507	518
	LO PR	114	118	129	137	118	122	133	141	122	126	137	146	125	129	141	150	128	132	144	153	131	135	147	157

85	2025	MBh	57.8	58.9	61.7	65.8	56.4	57.5	60.3	64.3	55.1	56.2	58.8	62.8	53.8	54.8	57.4	61.2	51.1	52.1	54.5	58.2	47.3	48.2	50.5	53.9	47.3	48.2	50.5	53.9
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	1.00	1.00	0.92	0.75
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	24	23	20	21	22	21	19	21	22	21	19
		KW	4.04	4.13	4.25	4.39	4.35	4.44	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.95	5.11	5.28	5.05	5.16	5.33	5.51	5.22	5.34	5.51	5.70	5.22	5.34	5.51	5.70
		AMPS	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.7	19.3	20.1	21.3	21.8	22.6	23.5	22.5	23.1	23.8	24.8	22.5	23.1	23.8	24.8
		HI PR	249	268	272	278	274	294	298	305	320	344	349	357	365	392	398	407	411	441	448	458	474	510	517	529	474	510	517	529
		LO PR	117	120	132	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	147	156	133	138	150	160	133	138	150	160
	1800	MBh	56.1	57.2	59.9	63.9	54.8	55.9	58.5	62.4	53.5	54.5	57.1	60.9	52.2	53.2	55.7	59.4	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3	45.9	46.8	49.0	52.3
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72
		Delta T	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	24	22	19	23	24	22	19
KW		4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.67	4.82	4.98	4.81	4.91	5.07	5.24	5.01	5.12	5.29	5.46	5.18	5.30	5.47	5.65	5.18	5.30	5.47	5.65	
AMPS		14.3	14.7	15.2	15.7	15.5	15.9	16.4	17.0	16.9	17.3	17.9	18.6	18.1	18.5	19.1	19.9	21.1	21.6	22.4	23.2	22.3	22.8	23.6	24.5	22.3	22.8	23.6	24.5	
HI PR		247	265	269	275	271	291	296	302	317	341	346	354	361	388	394	403	406	437	443	453	470	505	512	523	470	505	512	523	
LO PR		116	119	130	139	119	123	134	143	123	127	139	148	126	130	142	152	129	133	145	155	132	136	149	158	132	136	149	158	
1575	MBh	51.8	52.8	55.3	59.0	50.6	51.6	54.0	57.6	49.4	50.3	52.7	56.2	48.2	49.1	51.4	54.9	45.8	46.7	48.9	52.1	42.4	43.2	45.3	48.3	42.4	43.2	45.3	48.3	
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	0.98	0.95	0.86	0.70	0.98	0.95	0.86	0.70	
	Delta T	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20	24	24	23	20	
	KW	3.98	4.06	4.19	4.32	4.28	4.37	4.50	4.65	4.54	4.64	4.78	4.94	4.77	4.87	5.03	5.20	4.97	5.08	5.24	5.41	5.14	5.25	5.42	5.60	5.14	5.25	5.42	5.60	
	AMPS	14.2	14.5	15.0	15.6	15.4	15.7	16.3	16.9	16.7	17.1	17.7	18.4	17.9	18.3	19.0	19.7	20.9	21.4	22.2	23.0	22.1	22.6	23.4	24.3	22.1	22.6	23.4	24.3	
	HI PR	244	263	266	272	268	288	293	299	314	338	342	350	358	385	390	399	402	433	439	448	465	500	507	518	465	500	507	518	
	LO PR	114	118	129	137	118	122	133	141	122	126	137	146	125	129	141	150	128	132	144	153	131	135	147	157	131	135	147	157	

PERFORMANCE DATA

GSX140[18-36]1*

MODEL: GSX140181A* / CA*F3636*6C* W/.052 Orifice Conditions: 80°F IDB, 67°F IWB @ 600 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	20,000	13,600	6,400	2,260
80°	19,750	13,628	6,123	2,315
85°	19,500	13,650	5,850	2,370
90°	19,250	13,668	5,583	2,415
95°	19,000	13,680	5,320	2,460
100°	18,550	13,634	4,916	2,500
105°	18,100	13,575	4,525	2,540
110°	17,400	13,050	4,350	2,575
115°	16,700	12,525	4,175	2,610
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,600	13,552	4,048	2,390

MODEL: GSX140241A* / CA*F3636*6C* W/.055 Orifice, Conditions: 80°F IDB, 67°F IWB @ 725 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	26,100	16,704	9,396	1,860
80°	25,750	16,738	9,013	1,915
85°	25,400	16,764	8,636	1,970
90°	25,100	16,817	8,283	2,020
95°	24,800	16,864	7,936	2,070
100°	24,200	16,819	7,381	2,115
105°	23,600	16,756	6,844	2,160
110°	22,700	16,117	6,583	2,195
115°	21,800	15,478	6,322	2,230
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	23,000	16,790	6,210	1,990

MODEL: GSX140301A* / CA*F3642*6C* W/.065 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1000 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	30,200	21,140	9,060	2,230
80°	29,850	21,194	8,657	2,295
85°	29,500	21,240	8,260	2,360
90°	29,150	21,280	7,871	2,415
95°	28,800	21,312	7,488	2,070
100°	28,100	21,216	6,885	2,520
105°	27,400	21,098	6,302	2,570
110°	26,350	20,421	5,929	2,610
115°	25,300	19,734	5,566	2,650
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	26,700	21,093	5,607	23,800

MODEL: GSX140361A* / CA*F3642*6C* W/.065 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1,200 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	36,791	25,646	11,145	2,608
80°	36,353	25,663	10,690	2,684
85°	35,915	25,672	10,243	2,760
90°	35,477	25,768	9,710	2,830
95°	35,040	25,853	9,186	2,900
100°	34,164	25,684	8,479	2,955
105°	33,288	25,491	7,796	3,010
110°	32,061	24,655	7,406	3,060
115°	30,835	23,811	7,024	3,110
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	32,500	25,675	6,825	2,790

PERFORMANCE DATA

GSX140[42-60]1*

MODEL: GSX140421A* / CA*F4860*6B* W/.077 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1450 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	42,116	29,985	12,131	2,950
80°	41,614	30,004	11,610	3,040
85°	41,113	30,015	11,098	3,130
90°	40,611	30,127	10,485	3,205
95°	40,110	30,227	9,883	3,280
100°	39,107	30,029	9,078	3,350
105°	38,105	29,803	8,301	3,420
110°	36,701	28,826	7,875	3,475
115°	35,297	27,839	7,458	3,530
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,200	30,132	7,068	3,160

GSX140481A* / CA*F4860*6D* Conditions: 80°F IDB, 67°F IWB @ 1550 CFM, High Stage				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	48,300	33,810	14,490	3,440
80°	47,750	34,141	13,609	3,540
85°	47,200	34,456	12,744	3,640
90°	46,600	34,484	12,116	3,735
95°	46,000	34,500	11,500	3,830
100°	44,850	34,310	10,540	3,905
105°	43,700	34,086	9,614	3,980
110°	42,100	33,049	9,052	4,045
115°	40,500	31,995	8,505	4,110
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	42,600	34,506	8,094	3,690

MODEL: GSX140601A* / CA*F4860D6A* W/.088 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1800 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	58,800	39,475	19,325	4,540
80°	58,100	39,501	18,599	4,682
85°	57,400	39,515	17,885	4,823
90°	56,700	39,662	17,038	4,948
95°	56,000	39,794	16,206	5,073
100°	54,600	39,534	15,066	5,179
105°	53,200	39,236	13,964	5,285
110°	51,240	37,949	13,291	5,377
115°	49,280	36,650	12,630	5,468
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	51,892	39,396	12,496	4,915

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus 2 **degrees** of the subcooling value shown in the installation instructions.

A properly operating unit should be within plus or minus 3 **degrees** of the typical (Delta T) value shown.

A properly operating unit should be within plus or minus 10 **PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus 5 **PSIG** of the **LO PR** shown.

A properly operating unit should be within plus or minus 3 **Amps** of the typical value shown.

NOTE: Pressures are measures at the liquid and suction service valve ports.

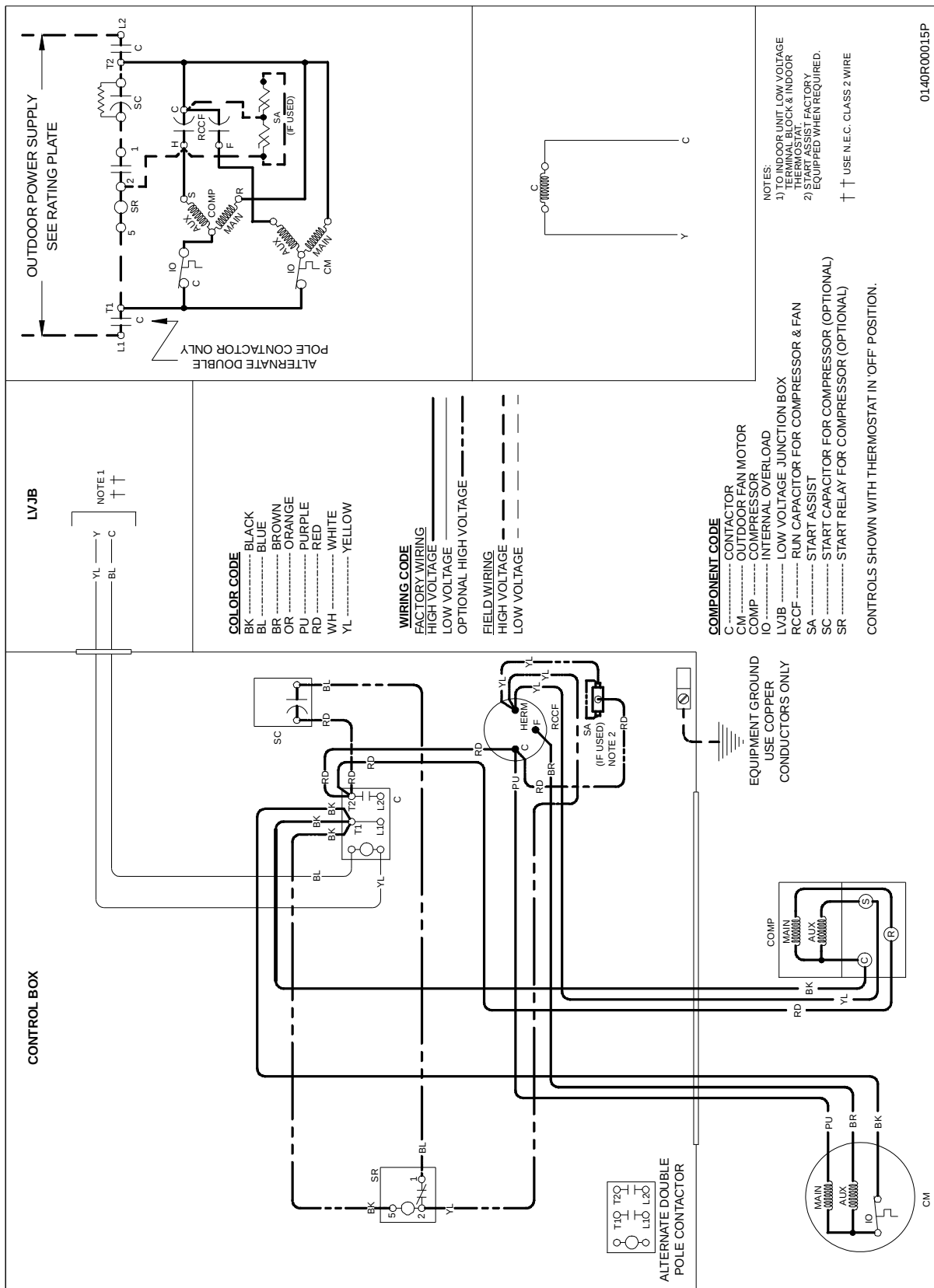
WIRING DIAGRAMS

GSX140[18-48]1*



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 on the unit for the most up-to-date wiring.

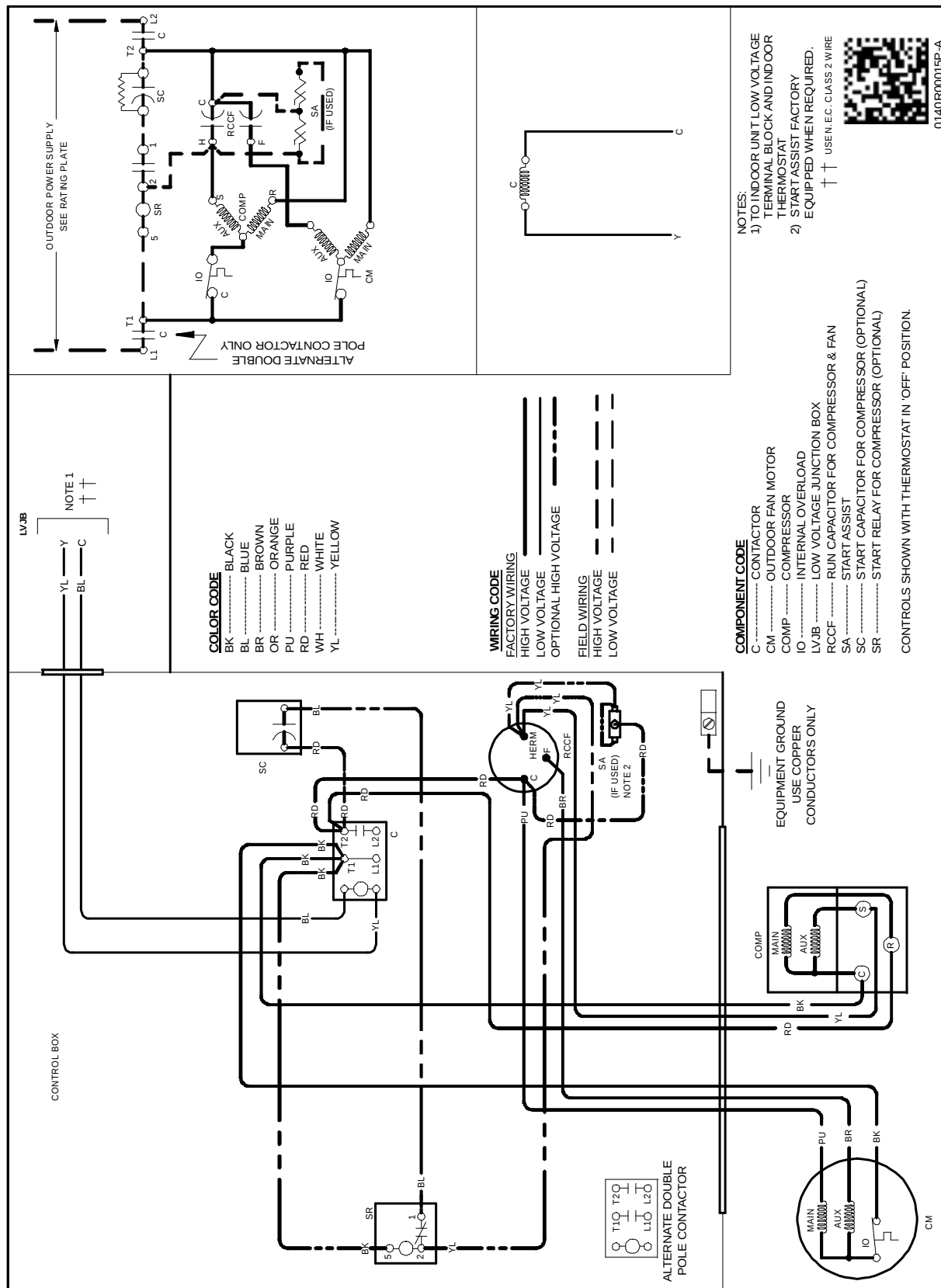
WIRING DIAGRAMS

GSX140[18-48]1*



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.

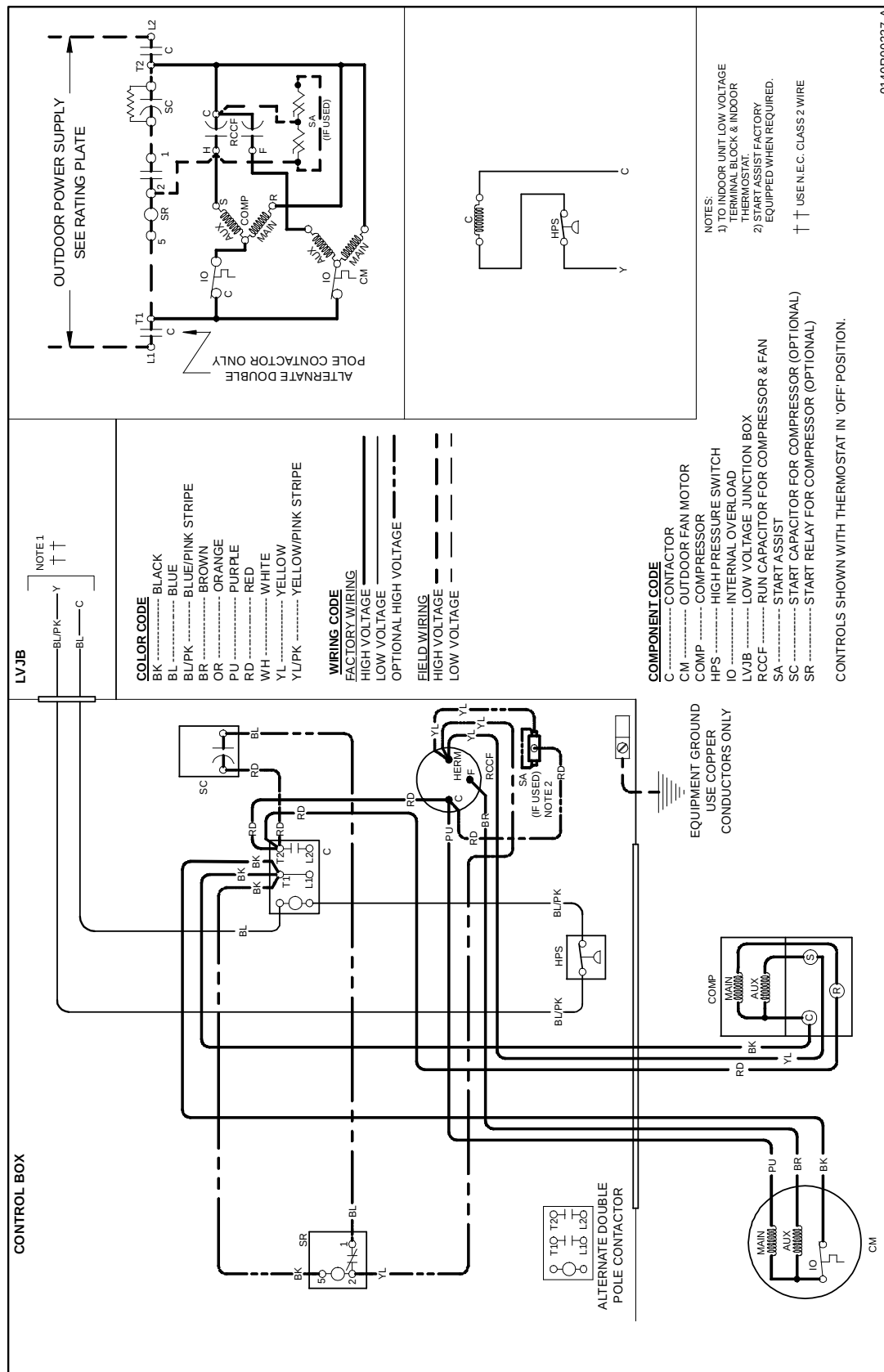


Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.



WARNING

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