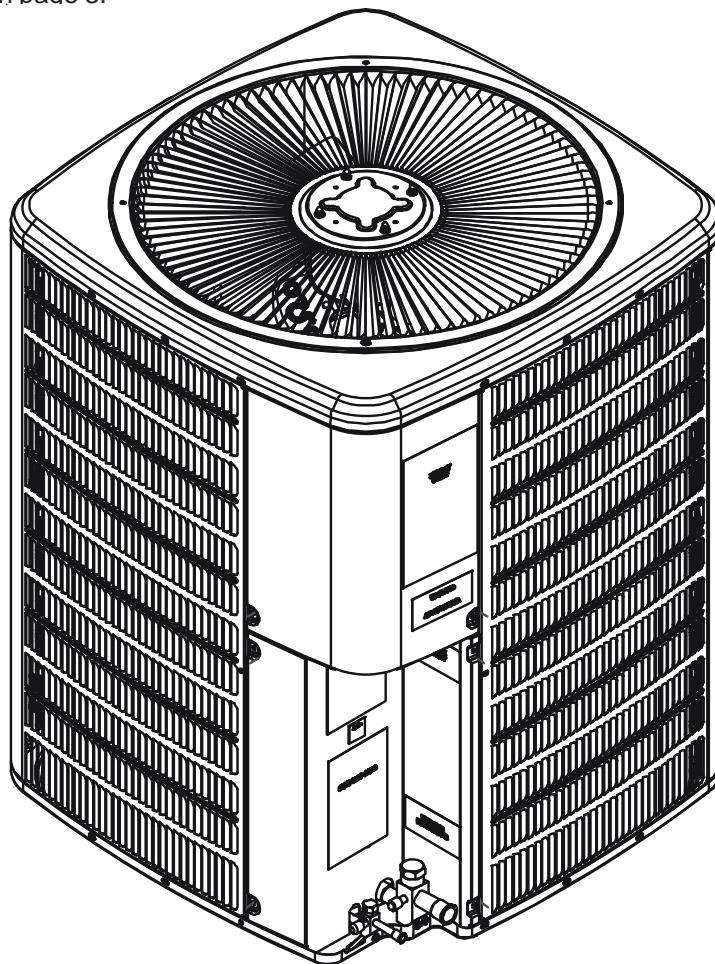


Goodman[®]

TECHNICAL MANUAL

GSX/SSX 14 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.

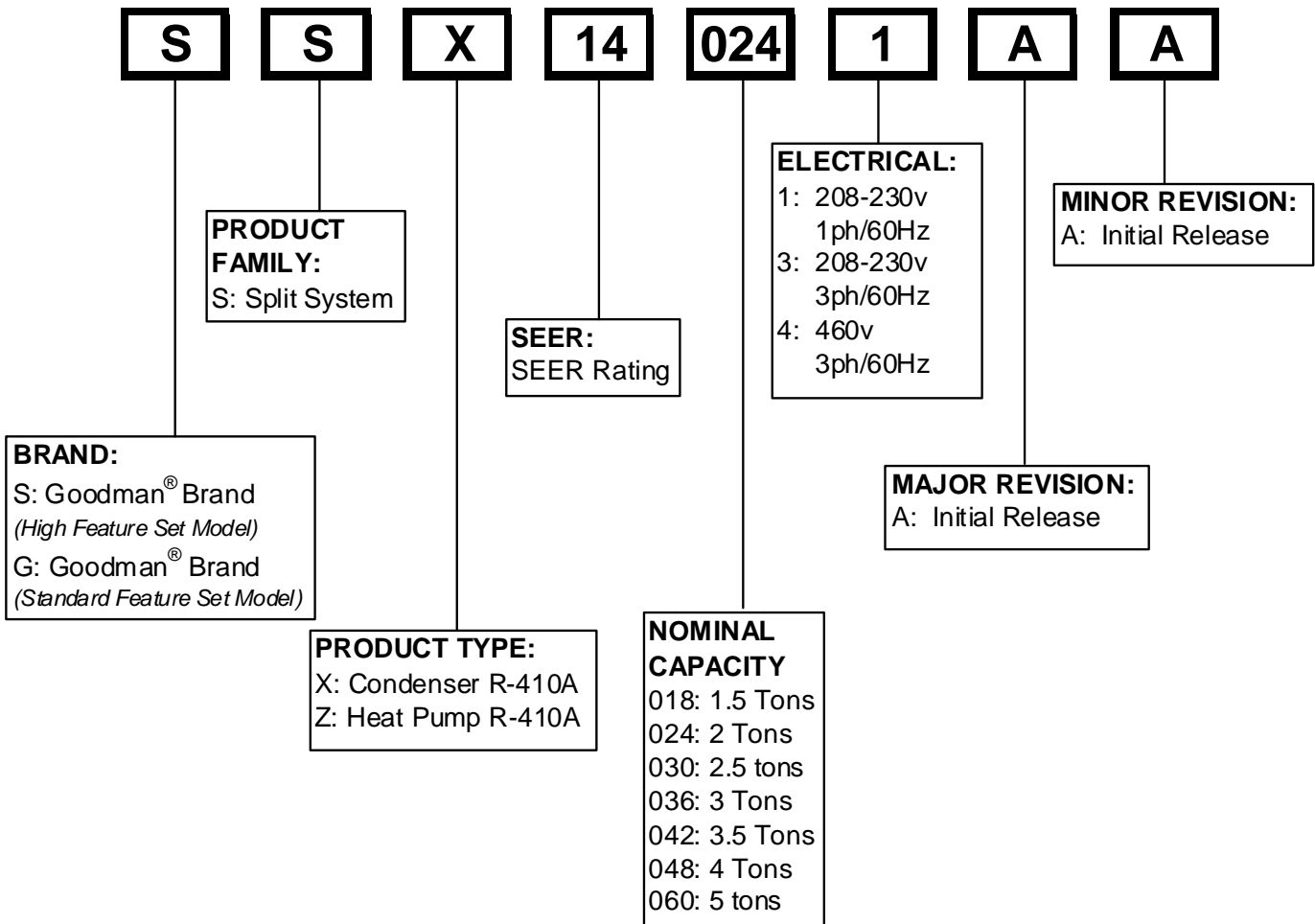




This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.


RT6113003r7
August 2010


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.

SSX140181A*	GSX140181A*
SSX140241A*	GSX140241A*
SSX140301A*	GSX140301A*
SSX140361A*	GSX140361A*
SSX140421A*	GSX140421A*
SSX140481A*	GSX140481A*
SSX140601A*	GSX140601A

SSX140181B*
SSX140241B*
SSX140301B*
SSX140361B*
SSX140421B*

SSX140421C*

** 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

GSX/SSX14 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. SSX 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.

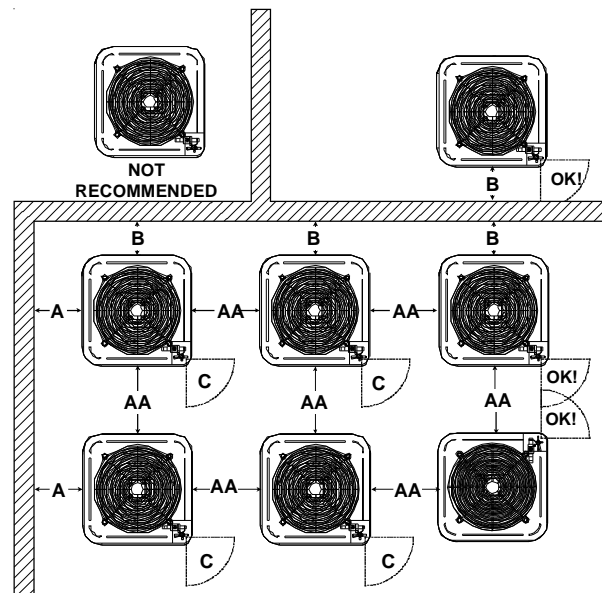
Operating pressures and amp draws may differ from standard reciprocating and/or scroll compressors. This information may be found in the "Cooling Performance Data" section.

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

SSX140**1*

Model	Dimensions - W x D x H
SSX140181A*	26" x 26" x 32¼"
SSX140181B*	26" x 26" x 27½"
SSX140241A*	26" x 26" x 32½"
SSX140241B*	26" x 26" x 32½"
SSX140301A*	29" x 29" x 32¼"
SSX140301B*	29" x 29" x 32½"
SSX140361A*	29" x 29" x 34¼"
SSX140361B*	29" x 29" x 32½"
SSX140421A*	35½" x 35½" x 38¼"
SSX140421B*	29" x 29" x 38¼"
SSX140421C*	29" x 29" x 36¼"
SSX140481A*	35½" x 35½" x 38¼"
SSX140601A*	35½" x 35½" x 38¼"

GSX140**1*

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 38¼"
GSX140601A*	35½" x 35½" x 38¼"

CONDENSING UNIT SPECIFICATIONS

SSX140181A* - SSX140361A*

	SSX14018 AA/AB	SSX14018 AC	SSX14024 AA/AB	SSX14024 AC	SSX140301 AA/AB/AC	SSX140301 AD/AE	SSX140361 AA/AB/AC	SSX140361 AD/AE
Cooling Capacity, BTUH	18,000	18,000	24,000	24,000	30,000	30,000	36,000	36,000
Compressor								
R.L. Amps	9.00	9.00	13.4	13.4	12.8	12.8	14.1	14.1
L.R. Amps	48.0	48.0	58.3	58.3	64.0	64.0	77.0	77.0
Low Pressure Switch								
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch								
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor								
Horsepower	1/12	1/12	1/12	1/12	1/6	1/6	1/4	1/4
F.L. Amps	0.6	0.6	0.6	0.6	1.5	1.5	1.6	1.6
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"
Refrigerant Charge	130.0	121.0	135.0	126.0	140.0	131.0	155.0	146.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	11.8	11.8	17.4	17.4	17.5	17.5	19.2	19.2
Maximum Overcurrent Device ⁽²⁾	20	20	30	30	30	30	30	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	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	178	178	178	178	195	195	199	199

SSX140421A* - SSX140601A*

	SSX140421 AA/AB/AC	SSX140421 AD/AE	SSX140481 AA/AB/AC	SSX140481 AD/AE	SSX140601 AA/AB/AC	SSX140601 AD/AE
Cooling Capacity, BTUH	42,000	42,000	48,000	48,000	60,000	60,000
Compressor						
R.L. Amps	17.9	17.9	19.8	19.8	26.4	26.4
L.R. Amps	112.0	112.0	109.0	109.0	134.0	134.0
Low Pressure Switch						
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch						
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor						
Horsepower	1/4	1/4	1/4	1/4	1/4	1/4
F.L. Amps	1.6	1.6	1.6	1.6	1.6	1.6
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Refrigerant Charge	180.0	174.0	195.0	186.0	280.0	271.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	24.0	24.0	26.4	26.4	34.6	34.6
Maximum Overcurrent Device ⁽²⁾	40	40	40	40	60	60
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	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	207	207	242	242	280	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.

CONDENSING UNIT SPECIFICATIONS

SSX140[18-42]1B* - SSX140421C*

	SSX140181 BA	SSX140241 BA	SSX140301 BA	SSX140361 BA	SSX140421 BA	SSX140421 CA
Cooling Capacity, BTUH	18,000	24,000	28,800	34,600	40,000	40,000
Compressor						
R.L. Amps	9.00	13.4	12.8	14.1	17.9	16.7
L.R. Amps	48.0	58.3	64.0	77.0	112.0	79.0
Low Pressure Switch						
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch						
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor						
Horsepower	1/6	1/12	1/6	1/6	1/6	1/6
F.L. Amps	1.1	0.6	1.1	1.1	1.0	1.1
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Refrigerant Charge	73.0	91.0	96.0	101.0	167.0	140.0
Power Supply	208/230-60-1	208/230-60-1	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	23.4	22.0
Maximum Overcurrent Device ⁽²⁾	20	30	30	30	40	35
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	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	146	156	172	172	207	184

* 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.

CONDENSING UNIT SPECIFICATIONS

GSX140**1A*

	GSX140181 AA	GSX140241 AA	GSX140301 AA	GSX140361 AA
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 AA	GSX140481 AA	GSX140601 AA
Cooling Capacity, BTUH	40,000	48,000	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	22 PSIG	22 PSIG
Close	50 PSIG	50 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	186.0	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	242	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

GSX140241A*/SSX140241B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140241B* / CA*F3636*6C*

Table with columns for IDB*, Airflow, and Outdoor Ambient Temperature (65, 75, 85, 95) and Entering Indoor Wet Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111). Rows include performance metrics like MBh, S/T, Delta T, KW, AMPS, HI/PR, LO/PR for airflows 700, 725, and 900.

Table with columns for IDB*, Airflow, and Outdoor Ambient Temperature (65, 75, 85, 95) and Entering Indoor Wet Bulb Temperature (59, 63, 67, 71, 75, 79, 83, 87, 91, 95, 99, 103, 107, 111). Rows include performance metrics like MBh, S/T, Delta T, KW, AMPS, HI/PR, LO/PR for airflows 700, 725, and 900.

* Entering Indoor Dry Bulb Temperature. NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

SSX140301A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140301A* / CA*F3642C6A* / .063 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1181	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.59	1.00	1.00	0.80	0.60
		Delta T	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	20	21	17	14	19	19	16	13
		KW	1.93	1.97	2.03	2.08	2.07	2.11	2.17	2.23	2.18	2.23	2.29	2.36	2.29	2.33	2.40	2.48	2.37	2.42	2.50	2.57	2.45	2.50	2.58	2.66
		AMPS	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.8	7.8	7.9	8.2	8.5	8.3	8.5	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2
	1050	HI PR	233	250	254	259	263	283	287	293	299	322	326	333	341	366	372	380	383	412	418	427	429	462	468	478
		LO PR	122	126	137	146	125	129	141	150	130	134	146	156	133	137	150	160	136	140	153	163	139	144	157	167
		MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1
		S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	20	20	17	14
919	KW	1.92	1.96	2.01	2.07	2.05	2.09	2.15	2.21	2.17	2.21	2.27	2.34	2.27	2.31	2.38	2.46	2.36	2.40	2.48	2.55	2.43	2.48	2.56	2.64	
	AMPS	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6	9.2	9.4	9.8	10.1	
	HI PR	230	248	251	257	260	280	284	290	296	318	323	330	337	363	368	376	380	408	414	423	425	457	464	474	
	LO PR	121	124	136	145	124	128	140	149	128	132	145	154	132	136	149	158	135	139	151	161	138	142	155	165	
	MBh	26.2	26.7	28.6	30.5	25.6	26.1	27.9	29.8	25.0	25.5	27.2	29.1	24.3	24.9	26.6	28.4	23.1	23.6	25.3	27.0	21.4	21.9	23.4	25.0	

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	1181	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
		S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Delta T	22	22	21	18	22	22	21	18	22	22	21	18	22	22	21	18	20	21	21	18	19	19	19	17
		KW	1.93	1.97	2.03	2.08	2.07	2.11	2.17	2.23	2.18	2.23	2.29	2.36	2.29	2.33	2.40	2.48	2.37	2.42	2.50	2.57	2.45	2.50	2.58	2.66
		AMPS	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.8	7.8	7.9	8.2	8.5	8.3	8.5	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.2
	1050	HI PR	233	250	254	259	263	283	287	293	299	322	326	333	341	366	372	380	383	412	418	427	429	462	468	478
		LO PR	122	126	137	146	125	129	141	150	130	134	146	156	133	137	150	160	136	140	153	163	139	144	157	167
		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	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		Delta T	23	23	21	19	23	23	22	19	23	23	22	19	24	23	22	19	24	23	22	19	21	21	20	17
919	KW	1.92	1.96	2.01	2.07	2.05	2.09	2.15	2.21	2.17	2.21	2.27	2.34	2.27	2.31	2.38	2.46	2.36	2.40	2.48	2.55	2.43	2.48	2.56	2.64	
	AMPS	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6	9.2	9.4	9.8	10.1	
	HI PR	230	248	251	257	260	280	284	290	296	318	323	330	337	363	368	376	380	408	414	423	425	457	464	474	
	LO PR	121	124	136	145	124	128	140	149	128	132	145	154	132	136	149	158	135	139	151	161	138	142	155	165	
	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	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA GSX140301A*/SSX140301B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140301B*/CA*F3642*6C*

IDB* Airflow		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	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	-
		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	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	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	-
		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	-
		HIPR	217	234	247	-	244	262	277	-	277	298	315	-	316	340	359	-	355	382	404	-	393	423	446	-
	1000	LOPR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	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	-
		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	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		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	-
		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	-
1125	HIPR	224	241	255	-	251	271	286	-	286	308	325	-	326	350	370	-	366	394	416	-	405	436	460	-	
	LOPR	108	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	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	-	
	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	-	
	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	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	-	
75	875	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	-
		HIPR	226	244	257	-	254	273	289	-	289	311	328	-	329	354	374	-	370	398	420	-	409	440	465	-
		LOPR	110	116	127	-	116	123	134	-	120	128	140	-	126	134	147	-	132	141	154	-	137	146	159	-
		MBh	27.9	28.7	31.1	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
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		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
1000	KW	1.98	2.02	2.07	2.13	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	
	AMPS	7.0	7.2	7.4	7.7	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	
	HIPR	226	244	257	268	254	273	289	301	289	311	328	342	329	354	374	390	370	398	421	439	409	440	465	485	
	LOPR	110	117	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	
	MBh	28.7	29.5	32.0	34.3	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	
	S/T	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	
1125	Delta T	20	18	15	10	20	18	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10	
	KW	1.99	2.03	2.09	2.15	2.13	2.17	2.23	2.30	2.25	2.29	2.36	2.43	2.35	2.40	2.47	2.55	2.44	2.49	2.57	2.65	2.52	2.57	2.65	2.73	
	AMPS	7.1	7.2	7.5	7.7	7.6	7.8	8.0	8.3	8.3	8.4	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.6	9.9	10.2	9.9	10.1	10.5	10.8	
	HIPR	229	246	260	271	257	276	291	304	292	314	331	346	332	358	378	394	374	402	425	443	413	444	469	489	
	LOPR	111	118	128	137	117	124	136	145	121	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171	
	MBh	28.7	29.5	32.0	34.3	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	

NOTE: Shaded area is AOCA (TVA) conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

SSX140361A*

EXPANDED PERFORMANCE DATA

MODEL: SSX140361A* / CA*F3642C6A* / .067 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Viv.

Table with columns for IDB*, Airflow, and three sets of entering indoor wet bulb temperature ranges (65, 75, 85, 95, 105, 115). Rows include MBh, S/T, Delta T, KW, AMPS, HI PR, and LO PR for airflows of 1300, 1150, and 1000.

Table with columns for IDB*, Airflow, and three sets of entering indoor wet bulb temperature ranges (65, 75, 85, 95, 105, 115). Rows include MBh, S/T, Delta T, KW, AMPS, HI PR, and LO PR for airflows of 1300, 1150, and 1000. Includes a shaded area in the 1150 AMPS row.

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA GSX140361A*/SSX140361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140361B*/CA*F3642*6C* / CONDITIONS db 80°; wb 67° @ 1200 CFM

		Outdoor Ambient Temperature																													
		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
IDB*	Airflow	Entering Indoor Wet Bulb Temperature																													
1050	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	-						
	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	-						
	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-						
	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	-						
	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	-						
	HI PR	2.18	2.35	2.48	-	2.45	2.64	2.79	-	2.79	3.00	3.17	-	3.18	3.42	3.61	-	3.57	3.84	4.06	-	3.95	4.25	4.49	-						
	LO PR	1.03	1.09	1.19	-	1.08	1.15	1.26	-	1.13	1.20	1.31	-	1.18	1.26	1.37	-	1.24	1.32	1.44	-	1.28	1.36	1.49	-						
	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	-						
1200	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	-						
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-						
	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	-						
	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	-						
	HI PR	2.25	2.42	2.56	-	2.53	2.72	2.87	-	2.87	3.09	3.27	-	3.27	3.52	3.72	-	3.68	3.96	4.19	-	4.07	4.38	4.62	-						
	LO PR	1.06	1.13	1.23	-	1.12	1.19	1.30	-	1.16	1.24	1.35	-	1.22	1.30	1.42	-	1.28	1.36	1.49	-	1.32	1.41	1.54	-						
	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	-						
	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	-						
1350	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-						
	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	-						
	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	-						
	HI PR	2.27	2.45	2.59	-	2.55	2.75	2.90	-	2.90	3.12	3.30	-	3.31	3.56	3.76	-	3.72	4.00	4.23	-	4.11	4.42	4.67	-						
	LO PR	1.07	1.14	1.24	-	1.13	1.20	1.31	-	1.17	1.25	1.36	-	1.23	1.31	1.43	-	1.29	1.37	1.50	-	1.34	1.42	1.55	-						

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TV) conditions

KW=Total system power

AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA GSX140361A*/SSX140361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140361B*/CA*F3642*6C* / CONDITIONS db 80°; wb 67° @ 1200 CFM

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
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
		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
		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
		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
		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
		LO PR	223	240	253	264	250	269	284	296	284	306	323	337	324	329	348	349	325	392	414	432	403	433	458	477
	1200	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
		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
		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
		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
		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
		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
1350	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	
	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	
	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	
	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	
	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	
	LO PR	232	250	264	275	260	280	296	309	296	319	337	351	337	363	383	400	380	408	431	450	419	451	477	497	
85	1050	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.89	0.86	0.78	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
		Delta T	25	25	23	20	25	25	23	20	25	25	24	20	25	25	24	20	25	25	23	20	23	23	22	19
		KW	2.22	2.27	2.34	2.42	2.39	2.45	2.52	2.61	2.55	2.60	2.69	2.78	2.68	2.74	2.83	2.93	2.80	2.86	2.96	3.06	2.90	2.96	3.06	3.17
		AMPS	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.1
		LO PR	225	242	256	267	253	272	287	299	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482
	1200	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		Delta T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	24	20	23	24	23	20	22	22	21	19
		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
		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
		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
1350	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3	
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	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	23	22	19	23	23	22	19	23	23	22	19	21	22	22	19	20	20	21	18	
	KW	2.29	2.34	2.42	2.50	2.47	2.53	2.61	2.70	2.63	2.69	2.78	2.88	2.77	2.84	2.93	3.03	2.89	2.96	3.06	3.17	3.00	3.07	3.17	3.28	
	AMPS	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.4	11.8	11.4	11.7	12.1	12.5	
	LO PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502	

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is AHRI Rating Conditions KW= Total system power AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSX140421A*

EXPANDED PERFORMANCE DATA COOLING OPERATION
 MODEL: SSX140421A* / CA*F4860C6A* / .074 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Viv.

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1406	MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
		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	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	23	23	20	16	22	21	18	15
		KW	2.71	2.77	2.85	2.93	2.91	2.96	3.05	3.14	3.07	3.13	3.23	3.33	3.22	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.46	3.53	3.64	3.75
		AMPS	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	13.8	14.1	14.6	15.1
	1250	HI PR	228	245	249	254	258	277	281	287	293	315	320	327	334	359	364	372	375	404	409	418	420	452	459	469
		LO PR	118	121	133	141	121	125	137	145	125	129	141	150	129	133	145	154	131	135	148	157	134	139	151	161
		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
		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	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
1094	KW	2.70	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.20	3.30	3.20	3.26	3.36	3.47	3.32	3.39	3.49	3.60	3.43	3.50	3.61	3.72	
	AMPS	9.7	9.9	10.2	10.6	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.0	
	HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	448	454	464	
	LO PR	117	120	131	140	120	124	135	144	124	128	140	149	127	131	144	153	130	134	146	156	133	137	150	160	
	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	

85	1406	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		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
		Delta T	25	25	23	20	25	25	24	21	26	25	24	21	25	25	24	21	24	24	24	20	22	22	23	19
		KW	2.71	2.77	2.85	2.93	2.91	2.96	3.05	3.14	3.07	3.13	3.23	3.33	3.22	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.46	3.53	3.64	3.75
		AMPS	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	13.8	14.1	14.6	15.1
	1250	HI PR	228	245	249	254	258	277	281	287	293	315	320	327	334	359	364	372	375	404	409	418	420	452	459	469
		LO PR	118	121	133	141	121	125	137	145	125	129	141	150	129	133	145	154	131	135	148	157	134	139	151	161
		MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		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
		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	20
1094	KW	2.70	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.20	3.30	3.20	3.26	3.36	3.47	3.32	3.39	3.49	3.60	3.43	3.50	3.61	3.72	
	AMPS	9.8	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.0	
	HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	448	454	464	
	LO PR	117	120	131	140	120	124	135	144	124	128	140	149	127	131	144	153	130	134	146	156	133	137	150	160	
	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5	

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

SSX140421B*

EXPANDED PERFORMANCE DATA **COOLING OPERATION**
MODEL: SSX140421B* / CA*F4860C6A* / .074 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ± 2°F @ the Serv. Vlv.

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1406	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		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	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	2.71	2.77	2.85	-	2.91	2.96	3.05	-	3.07	3.13	3.23	-	3.22	3.29	3.39	-	3.35	3.42	3.52	-	3.46	3.53	3.64	-
		AMPS	9.9	10.1	10.4	-	10.6	10.9	11.2	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.0	13.4	13.8	-	13.8	14.1	14.6	-
		HI PR	228	245	249	-	258	277	281	-	293	315	320	-	334	359	364	-	375	404	409	-	420	452	459	-
	1250	LO PR	118	121	133	-	121	125	137	-	125	129	141	-	129	133	145	-	131	135	148	-	134	139	151	-
		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	-
		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	-
		Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		KW	2.70	2.75	2.83	-	2.88	2.94	3.03	-	3.05	3.11	3.20	-	3.20	3.26	3.36	-	3.32	3.39	3.49	-	3.43	3.50	3.61	-
		AMPS	9.8	10.0	10.3	-	10.5	10.8	11.1	-	11.4	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.2	13.7	-	13.7	14.0	14.5	-
1094	HI PR	226	243	246	-	255	274	278	-	290	312	316	-	330	355	360	-	372	400	405	-	416	448	454	-	
	LO PR	117	120	131	-	120	124	135	-	124	128	140	-	127	131	144	-	130	134	146	-	133	137	150	-	
	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	-	
	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	-	
	Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
	AMPS	9.7	9.9	10.2	-	10.4	10.7	11.0	-	11.3	11.6	11.9	-	12.1	12.3	12.7	-	12.8	13.1	13.5	-	13.6	13.9	14.3	-	
75	1406	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0
		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	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	2.71	2.77	2.85	2.93	2.91	2.96	3.05	3.14	3.07	3.13	3.23	3.33	3.22	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.46	3.53	3.64	3.75
		AMPS	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	13.8	14.1	14.6	15.1
		HI PR	228	245	249	254	258	277	281	287	293	315	320	327	334	359	364	372	375	404	409	418	420	452	459	469
	1250	LO PR	118	121	133	141	121	125	137	145	125	129	141	150	129	133	145	154	131	135	148	157	134	139	151	161
		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
		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	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
		KW	2.70	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.20	3.30	3.20	3.26	3.36	3.47	3.32	3.39	3.49	3.60	3.43	3.50	3.61	3.72
		AMPS	9.8	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.0
1094	HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	448	454	464	
	LO PR	117	120	131	140	120	124	135	144	124	128	140	149	127	131	144	153	130	134	146	156	133	137	150	160	
	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	
	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	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
	AMPS	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	11.9	12.4	12.1	12.3	12.7	13.2	12.8	13.1	13.5	14.0	13.6	13.9	14.3	14.9	
1094	HI PR	223	240	244	249	253	272	275	281	287	309	313	320	327	352	357	365	368	396	401	410	412	443	449	459	
	LO PR	115	119	130	138	119	123	134	143	123	127	138	147	126	130	142	151	129	133	145	154	132	136	148	158	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

G/SSX140601A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSX140601A* / CA*F4860D6A* / .088 Orifice, Design Superheat @ ARI 95°F Conditions, 5° ±2°F @ the Serv. Vlv.

IDB*	Airflow	Outdoor Ambient Temperature																													
		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
80	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					
	1800	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					
		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					
1575	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						
	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						

IDB*	Airflow	Outdoor Ambient Temperature																													
		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
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					
		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					
		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					
		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					
	1800	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					
		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					
		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					
		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					
1575	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						
	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						

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

PERFORMANCE DATA

SSX140601A*

MODEL: SSX140181A* / CA°F3131B6A* + TXV
Conditions: 80°F IDB, 67°F IWB @ 600 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	18,900	12,656	6,244	1,418
80°	18,675	12,664	6,011	1,459
85°	18,450	12,668	5,782	1,500
90°	18,225	12,716	5,509	1,537
95°	18,000	12,758	5,242	1,573
100°	17,550	12,674	4,876	1,604
105°	17,100	12,579	4,521	1,635
110°	16,470	12,166	4,304	1,661
115°	15,840	11,750	4,090	1,688
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	16,680	12,630	4,049	1,527

MODEL: SSX140241A* / CA°F3636B6A* W/.057 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 800 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	25,200	17,357	7,843	1,823
80°	24,900	17,369	7,531	1,877
85°	24,600	17,375	7,225	1,932
90°	24,300	17,440	6,860	1,980
95°	24,000	17,497	6,503	2,028
100°	23,400	17,383	6,017	2,068
105°	22,800	17,252	5,548	2,109
110°	21,960	16,686	5,274	2,144
115°	21,120	16,115	5,005	2,179
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,239	17,322	4,917	1,967

MODEL: SSX140301A* / CA°F3642C6A* W/.063 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 1000 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	30,240	20,884	9,356	2,151
80°	29,880	20,897	8,983	2,213
85°	29,520	20,905	8,615	2,275
90°	29,160	20,982	8,178	2,329
95°	28,800	21,052	7,748	2,384
100°	28,080	20,915	7,165	2,430
105°	27,360	20,757	6,603	2,477
110°	26,352	20,076	6,276	2,517
115°	25,344	19,389	5,955	2,557
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	26,687	20,841	5,846	2,315

MODEL: SSX140361A* / CA°F3642C6A* W/.067 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 1150 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	36,330	24,499	11,831	2,676
80°	35,898	24,515	11,382	2,754
85°	35,465	24,524	10,941	2,833
90°	35,033	24,615	10,418	2,902
95°	34,600	24,697	9,903	2,971
100°	33,735	24,535	9,200	3,030
105°	32,870	24,351	8,519	3,089
110°	31,659	23,552	8,107	3,139
115°	30,448	22,746	7,702	3,190
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	32,062	24,450	7,612	2,883

MODEL: SSX140421A* / CA°F4860C6A* W/.074 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 1300 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
80°	41,500	28,216	13,284	3,116
85°	41,000	28,226	12,774	3,204
90°	40,500	28,331	12,169	3,283
95°	40,000	28,425	11,575	3,361
100°	39,000	28,240	10,760	3,428
105°	38,000	28,027	9,973	3,494
110°	36,600	27,108	9,492	3,551
115°	35,200	26,179	9,021	3,609
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,066	28,141	8,925	3,262

MODEL: SSX140481A* / CA°F4860D6A* W/.079 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 1550 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	48,300	33,311	14,989	3,404
80°	47,725	33,333	14,392	3,503
85°	47,150	33,345	13,805	3,602
90°	46,575	33,469	13,106	3,689
95°	46,000	33,580	12,420	3,776
100°	44,850	33,361	11,489	3,850
105°	43,700	33,110	10,590	3,924
110°	42,090	32,024	10,066	3,988
115°	40,480	30,927	9,553	4,052
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	42,625	33,244	9,381	3,665

SSX140601A* / 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 DATA

SSX14[18-42]1B*

MODEL: SSX140181B* / 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: SSX140241B* / 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: SSX140301B* / 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: SSX140361B* / CA*F3642*6C* W.068 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

SSX140421B* / CA*F4860C6A* W.074 Orifice,
Conditions: 80°F IDB, 67°F IWB @ 1300 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
80°	41,500	28,216	13,284	3,116
85°	41,000	28,226	12,774	3,204
90°	40,500	28,331	12,169	3,283
95°	40,000	28,425	11,575	3,361
100°	39,000	28,240	10,760	3,428
105°	38,000	28,027	9,973	3,494
110°	36,600	27,108	9,492	3,551
115°	35,200	26,179	9,021	3,609
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,066	28,141	8,925	3,262

PERFORMANCE DATA

SSX140421C*

MODEL: SSX140421C* / CA*F4860*6B* W/.070 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

GSX140[18-36]1A*

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/.070 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1,275 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]1A*

MODEL: GSX140421A* / CA*F4860*6B* W/.077 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1400 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

MODEL: GSX140481A* / CA*F4860D6A* W/.079 Orifice, Conditions: 80°F IDB, 67°F IWB @ 1550 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	48,300	33,311	14,989	3,404
80°	47,725	33,333	14,392	3,503
85°	47,150	33,345	13,805	3,602
90°	46,575	33,469	13,106	3,689
95°	46,000	33,580	12,420	3,776
100°	44,850	33,361	11,489	3,850
105°	43,700	33,110	10,590	3,924
110°	42,090	32,024	10,066	3,988
115°	40,480	30,927	9,553	4,052
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	42,625	33,244	9,381	3,665

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	-3,247
80°	58,100	39,501	18,599	-1,037
85°	57,400	39,515	17,885	1,173
90°	56,700	39,662	17,038	3,123
95°	56,000	39,794	16,206	5,073
100°	54,600	39,534	15,066	6,731
105°	53,200	39,236	13,964	8,388
110°	51,240	37,949	13,291	9,818
115°	49,280	36,650	12,630	11,248
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.

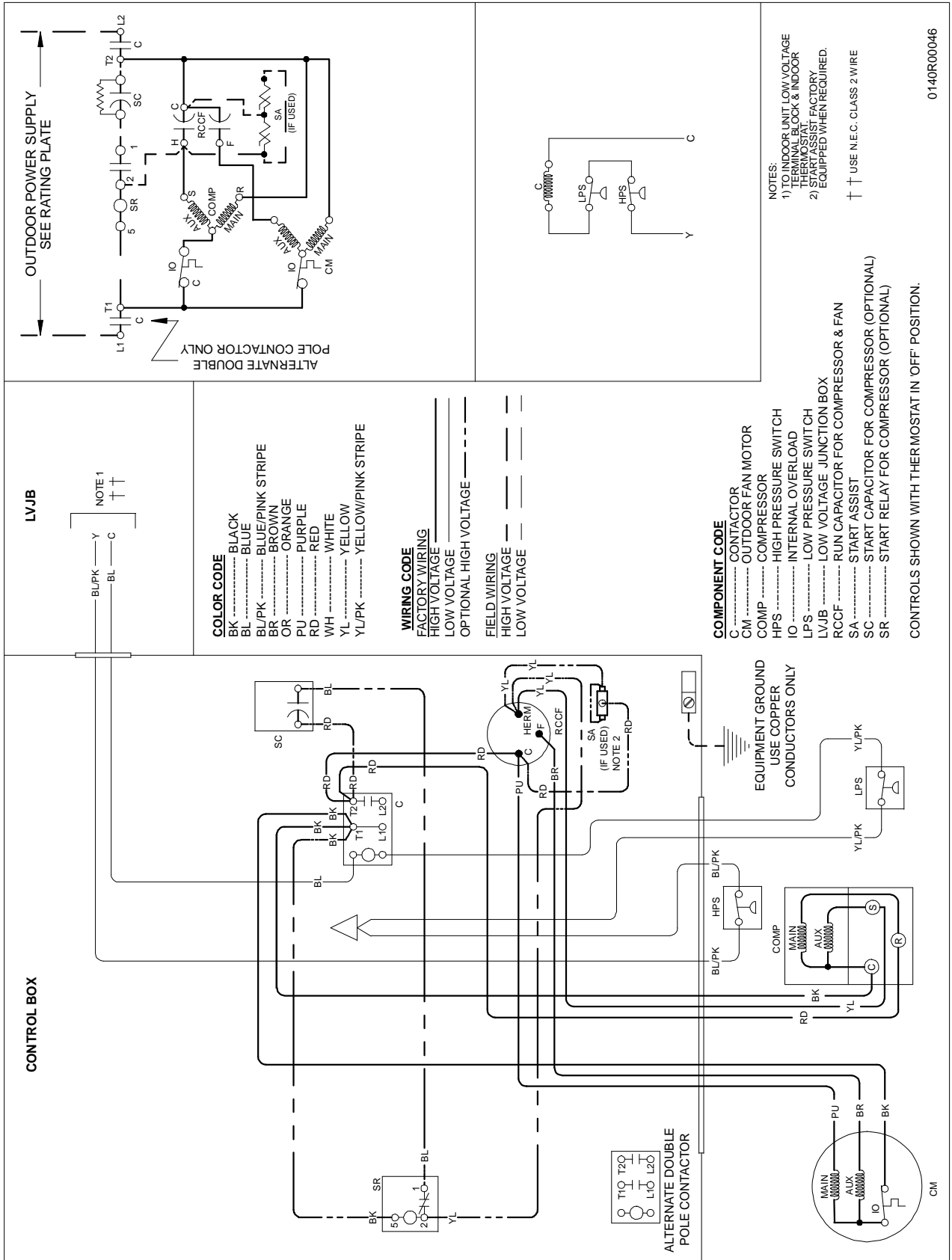
A properly operating unit should be within plus or minus 5 **PSIG** of the **LO PR** shown.

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.

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.

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