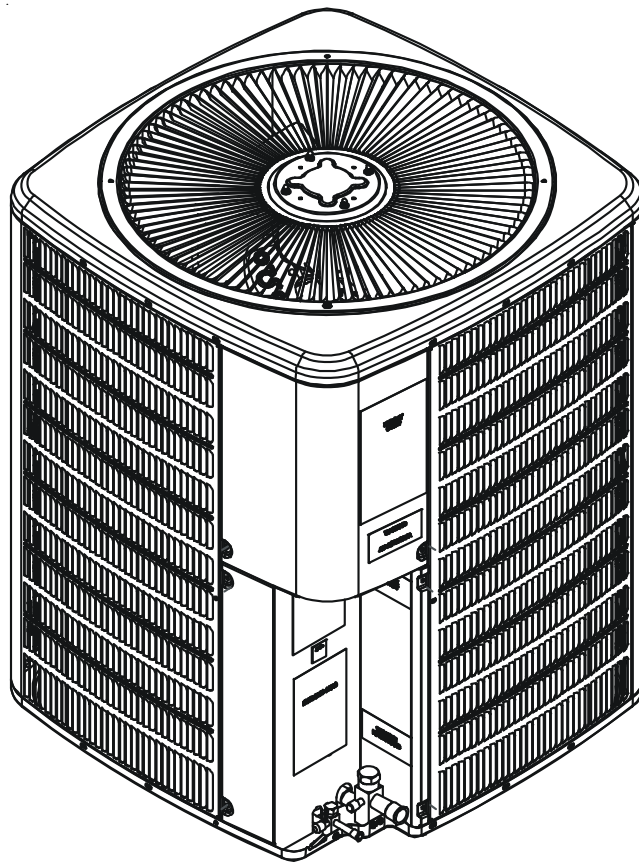




TECHNICAL MANUAL

SSZ 14 SEER Split System Heat Pumps

- Refer to Service Manual RS6200005 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.

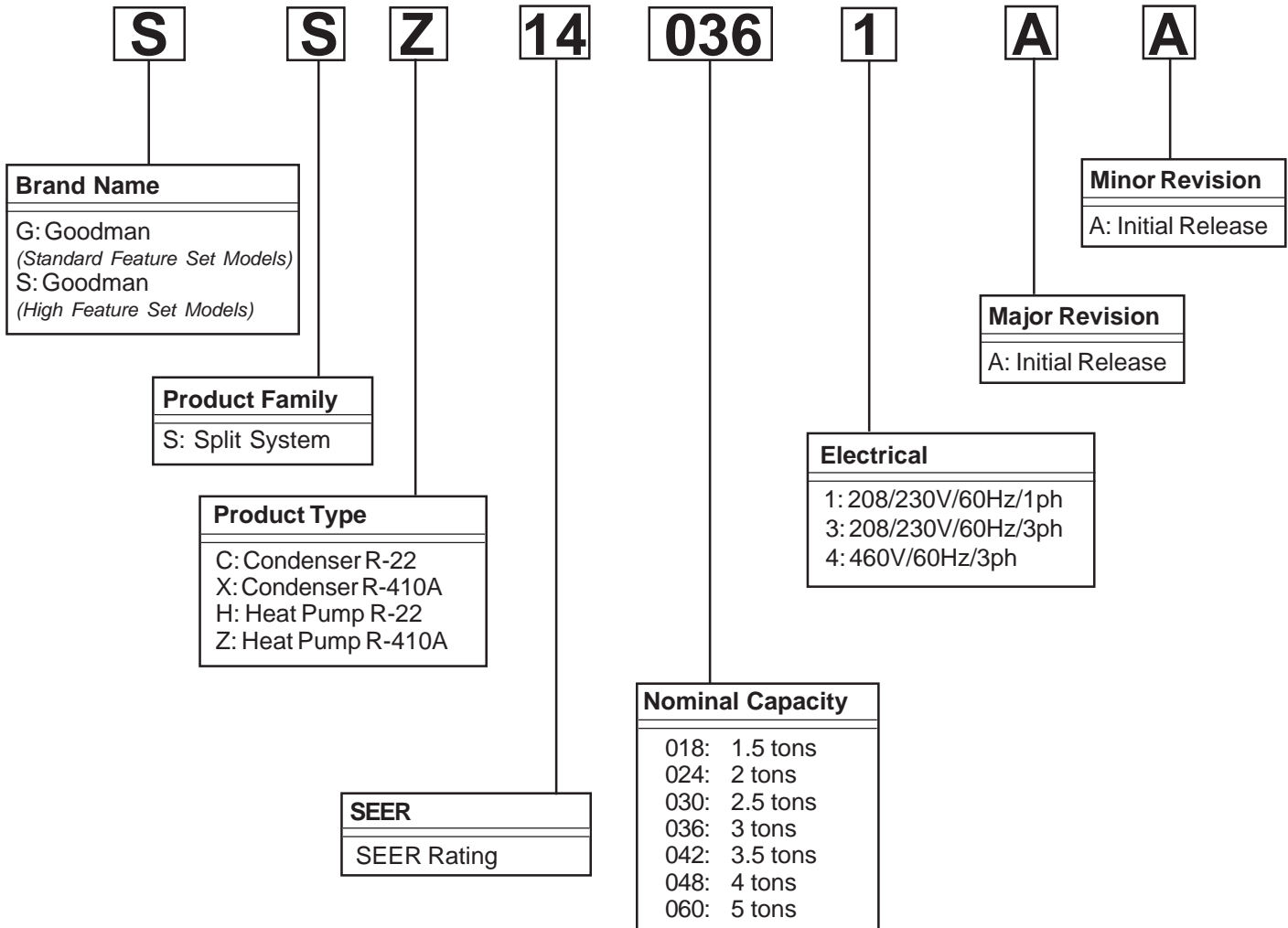


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6213005r7
November 2011

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

Installation and repair of this unit should be performed ONLY by individuals meeting (at a minimum) the requirements of an "entry level technician", at a minimum, as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). 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.

SSZ140181A*

SSZ140241A*

SSZ140301A*

SSZ140361A*

SSZ140421A*

SSZ140481A*

SSZ140601A*

SSZ140361B*

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



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.



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.



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

SSZ14 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. SSZ 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.

SSZ models use high-efficiency Copeland® scroll "Ultratech" compressors which are specifically designed for R-410A refrigerant. There are a number of design characteristics which are different from the scroll compared to the traditional reciprocating compressor.

"Ultratech" Series scroll compressors with Copeland® ComfortAlert diagnostics 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.

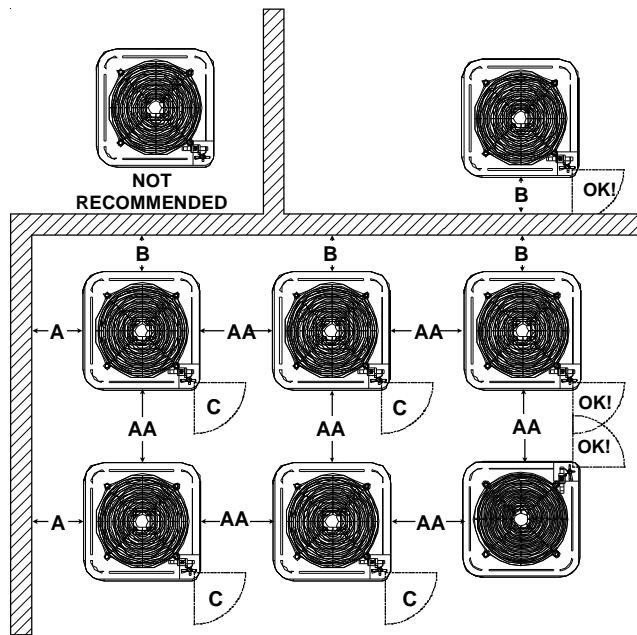
NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

"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.

These clearances will help avoid air recirculation. If installing two or more units at the same location, allow at least 24 inches between units. If only one side is restricted (for example, against the outside wall of a house), the unit may be placed as close as 8" to that one wall.

DO NOT locate the unit:

- * Directly under a vent termination for a gas appliance.
- * Within 3 feet of a clothes drier 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.

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.

This unit is for outdoor installation only. Refer to minimum figure for clearances from the sides of the unit to full walls and other objects.

NOTE: This unit cannot be completely enclosed. At least one side must be unrestricted.

Model	Dimensions - W x D x H
SSZ140181A*	29 x 29 x 34¼
SSZ140241A*	29 x 29 x 38¼
SSZ140301A*	29 x 29 x 38¼
SSZ140361A*	35½ x 35½ x 38¼
SSZ140421A*	35½ x 35½ x 38¼
SSZ140481A*	35½ x 35½ x 38¼
SSZ140601A*	35½ x 35½ x 38¼
SSZ140361B*	29 x 29 x 38¼

HEAT PUMP SPECIFICATIONS

SSZ140[18,30, 342,48,60]1AA-AE; SSZ140241AA-AH; SSZ140361AA-AG

	SSZ140181AA-AE	SSZ140241AA-AH	SSZ140301AA-AE	SSZ140361AA-AG	SSZ140421AA-AE	SSZ140481AA-AE	SSZ140601AA-AE
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Compressor							
R.L. Amps	8.97	12.82	14.10	16.67	17.95	19.87	26.41
L.R. Amps	48.0	58.3	73.0	79.0	112.0	109.0	130.0
Low Pressure Switch							
Open	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
High Pressure Switch							
Open	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
Condenser Fan Motor							
Horsepower	1/12	1/6	1/6	1/4	1/4	1/4	1/4
F.L. Amps	0.6	1.1	1.1	1.5	1.5	1.5	1.5
Liquid Line, Inches O.D.*	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"	7/8"	7/8"	7/8"	7/8"
Refrigerant Charge	143.0	163.0	188.0	213.0	213.0	273.0	278.0
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
Minimum Circuit Ampacity ⁽¹⁾	11.80	17.10	18.73	22.40	24.00	26.40	34.60
Maximum Overcurrent Device ⁽²⁾	20	25	30	30	40	40	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	1/2 or 3/4
Approximate Shipping Weight	199	207	219	242	242	266	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 Fuse or HACR type Circuit Breaker of the same size as noted.

NOTES:

- Always check the S & R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1-1/8" adapters for suction line connections (4 & 5 ton units).
- Installer will need to supply 3/4" to 7/8" adapters for suction line connections (3 ton unit).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

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.

Unit specifications are subject to change without notice. **ALWAYS** refer to the unit's serial plate for the most up-to-date general and electrical information.

HEAT PUMP SPECIFICATIONS

SSZ140[18,30]1AF; SSZ140241AJ; SSZ140361AH

	SSZ140181AF	SSZ140241AJ	SSZ140301AF	SSZ140361AH
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000
Compressor				
R.L. Amps	9.0	12.82	14.10	16.67
L.R. Amps	48.0	58.3	73.0	79.0
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	1/12	1/6	1/6	1/4
F.L. Amps	0.6	1.1	1.0	1.5
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	140.0	160.0	185.0	210.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	11.90	17.10	18.60	22.40
Maximum Overcurrent Device ⁽²⁾	20	25	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
Approximate Shipping Weight	199	207	219	242

* 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 Fuse or HACR type Circuit Breaker of the same size as noted.

NOTES:

- Always check the S & R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1-1/8" adapters for suction line connections (4 & 5 ton units).
- Installer will need to supply 3/4" to 7/8" adapters for suction line connections (3 ton unit).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

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.

HEAT PUMP SPECIFICATIONS

SSZ140[42,48,60]1AF; SSZ140481AG

	SSZ140421AF	SSZ140481AF	SSZ140481AG	SSZ140601AF
Cooling Capacity, BTUH	42,000	48,000	48,000	60,000
Compressor				
R.L. Amps	17.95	19.9	19.9	26.41
L.R. Amps	112.0	109.0	109.0	130.0
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	1/4	1/4	1/4	1/4
F.L. Amps	1.5	1.5	1.5	1.5
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	7/8"	7/8"	7/8"	7/8"
Refrigerant Charge	210.0	270.0	270.0	275.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	23.90	26.40	26.40	34.50
Maximum Overcurrent Device ⁽²⁾	40	40	45	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
Approximate Shipping Weight	242	266	266	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 Fuse or HACR type Circuit Breaker of the same size as noted.

NOTES:

- Always check the S & R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1-1/8" adapters for suction line connections (4 & 5 ton units).
- Installer will need to supply 3/4" to 7/8" adapters for suction line connections (3 ton unit).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

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.

Unit specifications are subject to change without notice. **ALWAYS** refer to the unit's serial plate for the most up-to-date general and electrical information.

HEAT PUMP SPECIFICATIONS

SSZ140361B*

	SSZ140361B*
Cooling Capacity, BTUH	35,000
Compressor	
R.L. Amps	14.1
L.R. Amps	77.0
Low Pressure Switch	
Open	22 PSIG
Close	50 PSIG
High Pressure Switch	
Open	610 PSIG
Close	420 PSIG
Condenser Fan Motor	
Horsepower	1/4
F.L. Amps	1.5
Liquid Line, Inches O.D.*	3/8"
Suction Line, Inches O.D.*	7/8"
Refrigerant Charge	186.0
Power Supply	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	19.1
Maximum Overcurrent Device ⁽²⁾	30
Electrical Conduit Size	
Power Supply (Inches)	1/2 or 3/4
Approximate Shipping Weight	215

* 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 Fuse or HACR type Circuit Breaker of the same size as noted.

NOTES:

- Always check the S & R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1-1/8" adapters for suction line connections (4 & 5 ton units).
- Installer will need to supply 3/4" to 7/8" adapters for suction line connections (3 ton unit).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

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

SSZ140181A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140181A* / CA*F3131*6A* +TXV / MBR800**.-1

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	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	1.17	1.19	1.23	-	1.25	1.28	1.32	-	1.33	1.36	1.40	-	1.40	1.43	1.47	-	1.45	1.48	1.53	-	1.50	1.53	1.58	-
		AMPS	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-
	600	HI PR	213	229	242	-	239	257	271	-	271	292	308	-	309	333	351	-	348	374	395	-	384	413	436	-
		LO PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-
		MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
525	KW	1.16	1.18	1.22	-	1.24	1.27	1.31	-	1.32	1.35	1.39	-	1.38	1.41	1.46	-	1.44	1.47	1.52	-	1.49	1.52	1.57	-	
	AMPS	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.2	5.3	5.5	-	5.5	5.7	5.9	-	5.9	6.0	6.2	-	
	HI PR	210	227	239	-	236	254	268	-	269	289	305	-	306	329	348	-	344	370	391	-	380	409	432	-	
	LO PR	105	112	122	-	111	119	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	
	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-	
75	675	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	1.13	1.15	1.19	-	1.21	1.24	1.28	-	1.29	1.31	1.35	-	1.35	1.38	1.42	-	1.41	1.44	1.48	-	1.45	1.48	1.53	-
		AMPS	4.1	4.2	4.3	-	4.4	4.5	4.6	-	4.7	4.9	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-
		HI PR	204	220	232	-	229	247	260	-	261	280	296	-	297	319	337	-	334	359	379	-	369	397	419	-
	600	LO PR	102	109	119	-	108	115	126	-	112	119	130	-	118	126	137	-	124	132	144	-	128	136	149	-
		MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
		S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	1.18	1.20	1.24	1.27	1.26	1.29	1.33	1.37	1.34	1.37	1.41	1.46	1.41	1.44	1.48	1.53	1.46	1.50	1.54	1.59	1.51	1.55	1.60	1.65
525	AMPS	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5	
	HI PR	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460	
	LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	
	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1	
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
75	600	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.17	1.19	1.23	1.26	1.25	1.28	1.32	1.36	1.33	1.36	1.40	1.44	1.40	1.43	1.47	1.52	1.45	1.48	1.53	1.58	1.50	1.53	1.58	1.64
		AMPS	4.2	4.3	4.4	4.6	4.5	4.6	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5
		HI PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	413	437	455
		LO PR	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165
	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.39
		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
		KW	1.14	1.16	1.20	1.24	1.22	1.25	1.29	1.33	1.30	1.32	1.37	1.41	1.36	1.39	1.44	1.48	1.42	1.45	1.49	1.54	1.47	1.50	1.54	1.60
		AMPS	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	6.0	5.7	5.9	6.1	6.3
75	HI PR	206	222	234	244	231	249	263	274	263	283	299	312	300	323	341	355	337	363	383	400	373	401	423	442	
	LO PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	155	129	137	150	160	

* Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140181A*

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: SSZ140181A* / CA*F3131*6A* +TXV / MBR800***-1

		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
80	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
	Delta T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	16	22	22	19	15	20	21	18	14
	KW	1.19	1.21	1.25	1.28	1.27	1.30	1.34	1.38	1.35	1.38	1.42	1.47	1.42	1.45	1.50	1.54	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66
	AMPS	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6
	HI PR	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465
	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	22	21	19
KW	1.18	1.20	1.24	1.27	1.26	1.29	1.33	1.37	1.34	1.37	1.41	1.46	1.41	1.44	1.48	1.53	1.46	1.50	1.54	1.59	1.51	1.55	1.60	1.65	
AMPS	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	5.0	5.1	5.3	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5	
HI PR	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460	
LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	
MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6	
S/T	0.84	0.79	0.64	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55	
Delta T	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	24	23	20	16	23	22	19	15
KW	1.15	1.17	1.21	1.24	1.23	1.26	1.30	1.34	1.31	1.34	1.38	1.42	1.37	1.40	1.45	1.49	1.43	1.46	1.51	1.56	1.48	1.51	1.56	1.61	
AMPS	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	
HI PR	208	224	237	247	234	252	266	277	266	286	302	315	303	326	344	359	341	367	387	404	376	405	428	446	
LO PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	161	

85	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	Delta T	24	24	23	20	25	24	23	20	24	24	23	20	24	24	24	20	22	23	23	20	21	21	21	18
	KW	1.19	1.22	1.26	1.29	1.28	1.31	1.35	1.39	1.36	1.39	1.43	1.48	1.43	1.46	1.51	1.56	1.49	1.52	1.57	1.62	1.54	1.57	1.62	1.68
	AMPS	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	6.7
	HI PR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	386	407	425	396	426	450	469
	LO PR	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	Delta T	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	21	23	23	22	19
KW	1.19	1.21	1.25	1.28	1.27	1.30	1.34	1.38	1.35	1.38	1.42	1.47	1.42	1.45	1.50	1.54	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66	
AMPS	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	
HI PR	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465	
LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5	
S/T	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72	
Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	20	
KW	1.16	1.18	1.22	1.25	1.24	1.27	1.31	1.35	1.32	1.35	1.39	1.43	1.38	1.41	1.46	1.51	1.44	1.47	1.52	1.57	1.49	1.52	1.57	1.62	
AMPS	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	
HI PR	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	362	344	370	391	408	380	409	432	451	
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	

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

A MPS=outdoor unit amps (comp.-fan)

COOLING PERFORMANCE DATA

SSZ140241A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140241A* / CA*F3636*6A*+TXV / MBR800**-1

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					
70	956	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
		KW	1.65	1.68	1.73	-	1.77	1.80	1.86	-	1.87	1.91	1.97	-	1.97	2.01	2.07	-	2.04	2.09	2.15	-	2.11	2.16	2.22	-
		AMPS	10.1	10.2	10.4	-	10.5	10.7	10.9	-	11.0	11.2	11.4	-	11.5	11.7	11.9	-	12.0	12.2	12.4	-	12.4	12.6	12.9	-
		HI PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	412	-	401	432	456	-
		LO PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	147	-	133	142	155	-	138	146	160	-
		MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
744	850	KW	1.64	1.67	1.72	-	1.75	1.79	1.84	-	1.86	1.90	1.95	-	1.95	1.99	2.05	-	2.03	2.07	2.14	-	2.09	2.14	2.21	-
		AMPS	10.0	10.1	10.3	-	10.5	10.6	10.8	-	11.0	11.1	11.4	-	11.4	11.6	11.9	-	11.9	12.1	12.3	-	12.3	12.5	12.8	-
		HI PR	220	236	250	-	247	265	280	-	280	302	319	-	319	344	363	-	359	387	408	-	397	427	451	-
		LO PR	109	116	127	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
		MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.60	1.63	1.68	-	1.72	1.75	1.80	-	1.82	1.85	1.91	-	1.90	1.94	2.00	-	1.98	2.02	2.08	-	2.04	2.09	2.15	-
		AMPS	9.8	10.0	10.2	-	10.3	10.4	10.6	-	10.8	11.0	11.2	-	11.2	11.4	11.7	-	11.7	11.9	12.1	-	12.1	12.3	12.6	-
		HI PR	213	229	242	-	239	257	272	-	272	293	309	-	310	333	352	-	349	375	396	-	385	414	438	-
LO PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-		
75	956	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	20	18	15	10	19	17	14	10
		KW	1.66	1.70	1.75	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.15	2.06	2.10	2.17	2.24	2.13	2.17	2.24	2.32
		AMPS	10.1	10.2	10.4	10.7	10.6	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.8	12.0	12.3	12.0	12.2	12.5	12.8	12.5	12.7	13.0	13.3
		HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480
		LO PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172
		MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.63	0.41
		Delta T	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
744	850	KW	1.65	1.68	1.73	1.78	1.77	1.80	1.86	1.92	1.87	1.91	1.97	2.03	1.97	2.01	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.22	2.30
		AMPS	10.1	10.2	10.4	10.6	10.5	10.7	10.9	11.1	11.0	11.2	11.4	11.7	11.5	11.7	11.9	12.2	12.0	12.2	12.4	12.7	12.4	12.6	12.9	13.2
		HI PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
		LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170
		MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	1.61	1.64	1.69	1.74	1.73	1.76	1.82	1.87	1.83	1.87	1.92	1.98	1.92	1.96	2.02	2.08	2.00	2.04	2.10	2.17	2.06	2.10	2.17	2.24
		AMPS	9.9	10.0	10.2	10.4	10.3	10.5	10.7	10.9	10.9	11.0	11.2	11.5	11.3	11.5	11.7	12.0	11.8	11.9	12.2	12.5	12.2	12.4	12.7	13.0
		HI PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461
LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165		

1 Shaded area is ACCA (TVA) conditions

KW=Total system power

IDB: Entering Indoor Dry Bulb Temperature

AMPS=outdoor unit amps (Comp.+fan)

COOLING PERFORMANCE DATA

SSZ140241A*

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: SSZ140241A* / CA*F3636*6A*+TXV / MBR800**-1

IDB*	Airflow	Outdoor Ambient Temperature																																																				
		65						75						85						95						105						115																						
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																	
80	956	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62				
		S/T	22	21	18	15	23	21	19	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	19	20	17	14	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.00	2.06	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33
		KW	10.2	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.2	11.3	11.6	11.8	11.6	11.6	11.8	12.1	12.4	12.1	12.3	12.6	12.9	12.6	12.8	13.1	13.4	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485			
		HIPR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	160	136	144	158	168	140	149	163	174	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6			
		MBh	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.75	0.75	0.78	0.82	0.88	0.82	0.79	0.59	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14				
		S/T	1.66	1.70	1.75	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.15	2.06	2.10	2.17	2.24	2.32	2.13	2.17	2.24	2.32	10.1	10.2	10.4	10.7	10.6	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.8	12.0	12.3	12.0	12.2	12.5	12.8	12.5	12.7	13.0	13.3			
		AMPS	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172				
		HIPR	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57				
		Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26	2.32			
		AMPS	9.9	10.1	10.3	10.5	10.4	10.5	10.7	11.0	10.9	11.1	11.3	11.6	11.4	11.5	11.8	12.1	11.8	12.0	12.3	12.6	12.3	12.5	12.7	13.1	217	234	247	258	244	263	277	289	278	299	315	329	316	340	359	375	356	383	404	422	393	423	447	466				
HIPR	108	115	125	133	114	121	132	141	118	126	138	146	124	132	144	154	130	139	151	161	135	143	157	167																														
LO PR	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80						
Delta T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	22	23	22	19	21	21	20	18	1.69	1.72	1.77	1.83	1.81	1.85	1.90	1.96	1.92	1.96	2.02	2.08	2.01	2.05	2.12	2.19	2.09	2.14	2.21	2.28	2.16	2.21	2.28	2.35						
KW	10.2	10.3	10.5	10.8	10.7	10.8	11.1	11.3	11.2	11.4	11.6	11.9	11.7	11.9	12.1	12.4	12.2	12.4	12.6	13.0	12.7	12.9	13.1	13.5	229	246	260	271	257	276	292	304	292	314	332	346	332	358	378	394	374	402	425	443	413	445	470	490						
HIPR	113	121	132	140	120	127	139	148	125	132	145	154	131	139	152	162	137	146	159	170	142	151	165	175	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4						
MBh	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	24	24	23	20	25	24	23	20	24	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	18					
S/T	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.00	2.06	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33	10.2	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.2	11.3	11.6	11.8	11.6	11.8	12.1	12.4	12.1	12.3	12.6	12.9	12.6	12.8	13.1	13.4						
KW	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174						
HIPR	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73						
Delta T	24	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	25	23	20	22	23	22	19	1.64	1.67	1.72	1.77	1.75	1.79	1.84	1.90	1.86	1.90	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.13	2.20	2.09	2.14	2.21	2.28						
AMPS	10.0	10.1	10.3	10.5	10.5	10.6	10.8	11.0	11.0	11.1	11.4	11.6	11.4	11.6	11.9	12.1	11.9	12.1	12.3	12.6	12.3	12.5	12.8	13.1	220	236	250	260	246	265	280	292	280	302	319	332	319	344	363	378	359	387	408	426	397	427	451	470						
HIPR	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168																														
LO PR	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1																														

AMPS=Outdoor unit amps (comp.+fan)

KW=Total system power

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

SSZ140301A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140301A* / CA*F3642*6A*+TXV / MBR1600**-1

IDB*	Airflow	Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		65							75							85							95							105							115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		59	63	67	71	75	79	83	59	63	67	71	75	79	83	59	63	67	71	75	79	83	59	63	67	71	75	79	83	59	63	67	71	75	79	83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
70	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	-	Delta T	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	KW	1.99	2.03	2.09	-	2.13	2.18	2.24	-	2.26	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.51	2.59	-	2.54	2.59	2.67	-	AMPS	2.3	2.5	2.7	-	2.9	3.0	3.3	-	3.5	3.7	4.0	-	4.1	4.3	4.6	-	4.6	4.8	5.1	-	5.1	5.4	5.7	-	HI PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	LO PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-	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	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	KW	1.98	2.02	2.08	-	2.12	2.16	2.22	-	2.24	2.29	2.36	-	2.35	2.40	2.47	-	2.44	2.49	2.57	-	2.52	2.57	2.65	-	AMPS	2.3	2.4	2.6	-	2.8	3.0	3.2	-	3.4	3.6	3.9	-	4.0	4.2	4.5	-	4.5	4.7	5.1	-	5.1	5.3	5.6	-	HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-	LO PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	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	0.72	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	-	Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	KW	1.94	1.97	2.03	-	2.07	2.11	2.17	-	2.19	2.23	2.30	-	2.30	2.34	2.41	-	2.38	2.43	2.51	-	2.46	2.51	2.59	-	AMPS	2.1	2.2	2.4	-	2.6	2.8	3.0	-	3.2	3.4	3.7	-	3.7	3.9	4.2	-	4.3	4.5	4.8	-	4.8	5.0	5.3	-	HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-	LO PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-																														
	75	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	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.69	0.45	Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	18	17	14	10	KW	2.01	2.05	2.11	2.17	2.15	2.19	2.26	2.33	2.28	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.70	2.78	AMPS	2.4	2.5	2.8	3.0	2.9	3.1	3.4	3.7	3.6	3.8	4.0	4.4	4.1	4.3	4.6	5.0	4.7	4.9	5.2	5.6	5.2	5.5	5.8	6.2	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	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	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	KW	1.99	2.03	2.09	2.15	2.14	2.18	2.24	2.31	2.26	2.30	2.37	2.45	2.37	2.42	2.49	2.57	2.46	2.51	2.59	2.67	2.54	2.59	2.67	2.76	AMPS	2.3	2.5	2.7	3.0	2.9	3.0	3.3	3.6	3.5	3.7	4.0	4.3	4.1	4.3	4.6	4.9	4.6	4.8	5.1	5.5	5.1	5.4	5.7	6.1	HI PR	221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472	LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173	MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	KW	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.31	2.36	2.43	2.51	2.40	2.45	2.53	2.61	2.48	2.53	2.61	2.69	AMPS	2.1	2.3	2.5	2.8	2.7	2.8	3.1	3.4	3.3	3.5	3.7	4.0	3.8	4.0	4.3	4.6	4.4	4.6	4.9	5.2	4.9	5.1	5.4	5.8	HI PR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	376	398	415	387	416	439	458	LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168

* Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=Outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140301A*

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: SSZ140301A* / CA*F3642*6A**+TXV / MBR1600**--1

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	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	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64					
		Delta T	23	21	19	15	22	22	19	15	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14				
		KW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.29	2.34	2.41	2.49	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.80					
		AMPS	2.4	2.6	2.8	3.1	3.0	3.2	3.4	3.7	3.7	3.9	4.1	4.5	4.2	4.4	4.7	5.1	4.8	5.0	5.3	5.7	5.3	5.6	5.9	6.3					
	1050	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482					
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177					
		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	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61					
		Delta T	23	22	19	15	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	16	20	21	18	15					
919	1050	KW	2.01	2.05	2.11	2.17	2.15	2.19	2.26	2.33	2.28	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.70	2.78					
		AMPS	2.4	2.5	2.8	3.0	2.9	3.1	3.4	3.7	3.6	3.8	4.0	4.4	4.1	4.3	4.6	5.0	4.7	4.9	5.2	5.6	5.2	5.5	5.8	6.2					
		HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477					
		LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175					
		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					
	919	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	0.99	0.93	0.75	0.56	1.03	0.96	0.78	0.59	1.04	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	22	21	18	15					
		KW	1.97	2.00	2.06	2.12	2.10	2.14	2.21	2.27	2.22	2.27	2.34	2.41	2.33	2.38	2.45	2.53	2.42	2.47	2.55	2.63	2.50	2.55	2.63	2.72					
		AMPS	2.2	2.4	2.6	2.8	2.7	2.9	3.2	3.4	3.4	3.5	3.8	4.1	3.9	4.1	4.4	4.7	4.4	4.7	5.0	5.3	5.0	5.2	5.5	5.9					
		HI PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	390	420	444	463					
LO PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170							

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	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.83	
		Delta T	23	23	22	19	23	23	22	19	22	22	22	19	22	22	23	20	20	20	21	22	19	19	19	20	18
		KW	2.04	2.08	2.14	2.20	2.18	2.23	2.29	2.36	2.31	2.36	2.43	2.50	2.42	2.47	2.55	2.63	2.52	2.57	2.65	2.74	2.60	2.66	2.74	2.83	
		AMPS	2.5	2.7	2.9	3.2	3.1	3.3	3.5	3.8	3.7	3.9	4.2	4.5	4.3	4.5	4.8	5.2	4.9	5.1	5.4	5.8	5.4	5.7	6.0	6.4	
	1050	HI PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487	
		LO PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178	
		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	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	
		Delta T	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19	
919	1050	KW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.29	2.34	2.41	2.49	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.80	
		AMPS	2.4	2.6	2.8	3.1	3.0	3.2	3.4	3.7	3.7	3.9	4.1	4.5	4.2	4.4	4.7	5.1	4.8	5.0	5.3	5.7	5.3	5.6	5.9	6.3	
		HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482	
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
		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	
	919	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	25	25	24	21	25	25	24	21	25	25	24	21	24	24	24	20	22	22	22	19	
		KW	1.98	2.02	2.08	2.14	2.12	2.16	2.22	2.29	2.24	2.29	2.35	2.43	2.35	2.40	2.47	2.55	2.44	2.49	2.57	2.65	2.52	2.57	2.65	2.74	
		AMPS	2.3	2.4	2.6	2.9	2.8	3.0	3.2	3.5	3.4	3.6	3.9	4.2	4.0	4.2	4.5	4.8	4.5	4.7	5.0	5.4	5.1	5.3	5.6	6.0	
		HI PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423	394	424	448	467	
LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171			

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=Outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140361A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ140361A* / CA*F4860*6A*+TXV / MBR1600**-1

IDB		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		Airflow				Entering Indoor Wet Bulb Temperature				Entering Indoor Dry Bulb Temperature				Entering Indoor Wet Bulb Temperature				Entering Indoor Dry Bulb Temperature				Entering Indoor Wet Bulb Temperature				Entering Indoor Dry Bulb Temperature				Entering Indoor Wet Bulb Temperature				Entering Indoor Dry Bulb Temperature															
70	1181	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	0.72	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	-																							
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-																							
		KW	2.34	2.39	2.46	-	2.51	2.56	2.64	-	2.66	2.72	2.80	-	2.79	2.85	2.94	-	2.90	2.96	3.06	-	3.00	3.06	3.16	-																							
		AMPS	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.1	10.3	10.6	-	10.7	11.0	11.3	-	11.4	11.7	12.0	-	12.0	12.3	12.7	-																							
		HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	395	425	448	-																							
	1050	LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-																							
		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	-																							
		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	-																							
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-																							
		KW	2.33	2.37	2.44	-	2.49	2.54	2.62	-	2.64	2.69	2.78	-	2.77	2.83	2.92	-	2.88	2.94	3.03	-	2.98	3.04	3.14	-																							
		AMPS	8.6	8.8	9.0	-	9.2	9.4	9.7	-	10.0	10.2	10.5	-	10.6	10.9	11.2	-	11.3	11.6	11.9	-	11.9	12.2	12.6	-																							
919	HI PR	216	233	246	-	243	261	276	-	276	297	314	-	314	338	357	-	354	380	402	-	391	420	444	-																								
	LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-																								
	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	0.67	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	-																								
	Delta T	20	18	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-																								
	KW	2.28	2.32	2.39	-	2.44	2.49	2.56	-	2.58	2.63	2.71	-	2.71	2.76	2.85	-	2.81	2.87	2.96	-	2.90	2.97	3.06	-																								
75	1181	AMPS	8.4	8.5	8.8	-	9.0	9.2	9.5	-	9.7	9.9	10.3	-	10.4	10.6	10.9	-	11.0	11.2	11.6	-	11.6	11.9	12.3	-																							
		HI PR	210	226	238	-	235	253	267	-	268	288	304	-	305	328	346	-	343	369	390	-	379	408	431	-																							
		LO PR	101	107	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-																							
		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																							
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41																							
		Delta T	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	22	21	19	16	11																						
	1050	KW	2.36	2.41	2.48	2.55	2.53	2.58	2.66	2.74	2.68	2.74	2.82	2.91	2.81	2.87	2.96	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.19	3.29																							
		AMPS	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.8	11.5	11.8	12.1	12.6	12.1	12.4	12.8	13.3																							
		HI PR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472																							
		LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164																							
		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																							
		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																							
919	Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11																								
	KW	2.34	2.39	2.46	2.54	2.51	2.56	2.64	2.72	2.66	2.72	2.80	2.89	2.79	2.85	2.94	3.03	2.90	2.97	3.06	3.16	3.00	3.06	3.16	3.26																								
	AMPS	8.7	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.7	12.0	12.5	12.0	12.3	12.7	13.2																								
	HI PR	218	235	248	259	245	264	279	290	279	300	317	330	317	342	361	376	357	384	406	423	395	425	448	468																								
	LO PR	105	112	122	130	111	118	129	137	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163																								
	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																								
75	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																								
	Delta T	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11																								
	KW	2.29	2.34	2.41	2.48	2.46	2.51	2.58	2.66	2.60	2.65	2.73	2.82	2.73	2.78	2.87	2.96	2.84	2.89	2.98	3.08	2.93	2.99	3.08	3.18																								
	AMPS	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.4	10.7	10.5	10.7	11.0	11.4	11.1	11.3	11.7	12.1	11.7	12.0	12.4	12.8																								
	HI PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	373	394	411	383	412	435	454																								
	LO PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158																								

Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW= Total system power

AMPS= outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140361A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140361A* / CA*F4860*6A*+TXV / MBR1600**-1

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	MBh	35.09	35.86	38.31	40.95	34.28	35.03	37.42	40.00	33.46	34.19	36.53	39.05	32.64	33.36	35.64	38.10	31.01	31.69	33.86	36.19	28.73	29.35	31.36	33.53						
	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						
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15						
	KW	2.38	2.43	2.50	2.57	2.55	2.60	2.68	2.77	2.70	2.76	2.84	2.93	2.84	2.90	2.99	3.08	2.95	3.01	3.11	3.21	3.05	3.11	3.21	3.32						
	AMPS	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.3	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.7	12.3	12.5	13.0	13.4						
	HIPR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	457	477						
	LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166						
	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	0.86	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						
	Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16						
KW	2.36	2.41	2.48	2.56	2.53	2.58	2.66	2.74	2.68	2.74	2.82	2.91	2.81	2.87	2.96	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.19	3.29							
AMPS	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.4	12.8	13.3							
HIPR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472							
LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164							
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	0.83	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							
Delta T	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	23	20	16							
KW	2.31	2.36	2.42	2.50	2.47	2.52	2.60	2.68	2.62	2.67	2.76	2.84	2.75	2.81	2.89	2.98	2.86	2.92	3.01	3.10	2.95	3.01	3.11	3.21							
AMPS	8.5	8.7	9.0	9.3	9.1	9.4	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.5	13.0							
HIPR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	377	398	415	387	416	439	458							
LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	133	145	154	129	137	150	159							
85	MBh	35.71	36.40	38.12	40.67	34.88	35.55	37.23	39.72	34.04	34.70	36.35	38.78	33.21	33.86	35.46	37.83	31.55	32.16	33.69	35.94	29.23	29.79	31.20	33.29						
	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	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	21	25	25	25	21	23	23	23	20						
	KW	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.79	2.72	2.78	2.87	2.96	2.86	2.92	3.01	3.11	2.97	3.04	3.13	3.23	3.07	3.14	3.24	3.34						
	AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.4	10.3	10.6	10.9	11.3	11.0	11.3	11.6	12.1	11.7	12.0	12.4	12.8	12.4	12.7	13.1	13.6						
	HIPR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482						
	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	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	0.90	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						
	Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21						
KW	2.38	2.43	2.50	2.57	2.55	2.60	2.68	2.77	2.70	2.76	2.84	2.93	2.84	2.90	2.99	3.08	2.95	3.01	3.11	3.21	3.05	3.11	3.21	3.32							
AMPS	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.3	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.7	12.3	12.5	13.0	13.4							
HIPR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	457	477							
LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166							
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	0.87	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	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	28	26	23	26	26	24	21							
KW	2.33	2.37	2.44	2.52	2.49	2.54	2.62	2.70	2.64	2.69	2.78	2.86	2.77	2.83	2.92	3.01	2.88	2.94	3.03	3.13	2.98	3.04	3.13	3.24							
AMPS	8.6	8.8	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.6	11.9	12.4	11.9	12.2	12.6	13.1							
HIPR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	391	420	444	463							
LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	149	126	134	146	156	130	138	151	161							

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW= Total system power

AMPS= outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140421A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ140421A* / CA*F4860*6A**+TXV / MBR2000**+1

		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	1575	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	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-				
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-				
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	18	15	12	-	17	14	11	-				
		KW	2.65	2.71	2.78	-	2.84	2.90	2.98	-	3.01	3.07	3.16	-	3.15	3.22	3.31	-	3.28	3.34	3.45	-	3.38	3.45	3.56	-	3.28	3.34	3.45	-	3.38	3.45	3.56	-				
		AMPS	9.7	9.9	10.2	-	10.4	10.7	11.0	-	11.3	11.6	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.6	-	13.6	13.9	14.4	-	12.8	13.1	13.6	-	13.6	13.9	14.4	-				
	1400	HI PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-	356	383	404	-	393	423	447	-				
		LO PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-	130	138	151	-	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	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-				
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-				
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	19	16	12	-	17	15	11	-				
	1225	KW	2.63	2.69	2.76	-	2.82	2.88	2.96	-	2.98	3.04	3.14	-	3.13	3.19	3.29	-	3.25	3.32	3.42	-	3.36	3.43	3.53	-	3.25	3.32	3.42	-	3.36	3.43	3.53	-				
		AMPS	9.6	9.8	10.1	-	10.4	10.6	10.9	-	11.2	11.5	11.8	-	12.0	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-				
		HI PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	352	379	400	-	389	419	442	-				
		LO PR	106	113	123	-	112	120	130	-	117	124	136	-	123	130	142	-	129	137	149	-	133	141	154	-	129	137	149	-	133	141	154	-				
		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	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-				
75	1575	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-				
		Delta T	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	19	16	12	-	18	15	12	-				
		KW	2.58	2.63	2.70	-	2.76	2.81	2.89	-	2.92	2.97	3.06	-	3.06	3.12	3.21	-	3.17	3.24	3.34	-	3.28	3.35	3.45	-	3.17	3.24	3.34	-	3.28	3.35	3.45	-				
		AMPS	9.4	9.6	9.9	-	10.1	10.3	10.6	-	10.9	11.2	11.5	-	11.6	11.9	12.3	-	12.4	12.7	13.1	-	13.1	13.4	13.8	-	12.4	12.7	13.1	-	13.1	13.4	13.8	-				
		HI PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-	342	368	388	-	377	406	429	-				
	1400	LO PR	103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	125	133	145	-	125	133	145	-	125	133	145	-	125	133	145	-
		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	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0				
		S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44				
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	18	15	21	19	16	11	21	19	18	15				
		KW	2.67	2.73	2.80	2.89	2.86	2.92	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.45	3.30	3.37	3.47	3.58	3.41	3.48	3.59	3.70	3.30	3.37	3.47	3.58	3.41	3.48	3.59	3.70				
	1225	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	13.3	13.7	14.2	13.7	14.0	14.5	15.0	12.9	13.3	13.7	14.2	13.7	14.0	14.5	15.0				
		HI PR	220	236	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	359	387	408	426	397	427	451	471				
		LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	131	140	152	162	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	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9				
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42				
1400	Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	18	15	22	20	16	11	22	20	18	15					
	KW	2.65	2.71	2.78	2.87	2.84	2.90	2.98	3.07	3.01	3.07	3.16	3.26	3.15	3.22	3.32	3.42	3.28	3.34	3.45	3.56	3.38	3.45	3.56	3.68	3.28	3.34	3.45	3.56	3.38	3.45	3.56	3.68					
	AMPS	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.2	12.8	13.1	13.6	14.1	13.6	13.9	14.4	14.9	12.8	13.1	13.6	14.1	13.6	13.9	14.4	14.9					
	HI PR	218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	356	383	404	422	393	423	447	466					
	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	130	138	151	161	134	143	156	166					
1225	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	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0					
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40					
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	22	20	19	15	22	20	16	11	22	20	19	15					
	KW	2.60	2.65	2.72	2.80	2.78	2.83	2.92	3.00	2.94	3.00	3.09	3.18	3.08	3.14	3.24	3.34	3.20	3.27	3.37	3.47	3.30	3.37	3.48	3.59	3.20	3.27	3.37	3.47	3.30	3.37	3.48	3.59					
	AMPS	9.4	9.7	10.0	10.3	10.2	10.4	10.7	11.1	11.0	11.3	11.6	12.1	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.5	14.0	14.5	12.5	12.8	13.2	13.7	13.2	13.5	14.0	14.5					

Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

A MPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140421A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140421A* / CA*F4860*6A*+TXV / MBR2000**-1

IDB* Airflow		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		65						75						85						95						105						115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
80	1575	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	1400	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	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	85	S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	1575	S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	1400	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	1225	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	85	KW	2.67	2.73	2.80	2.89	2.86	2.92	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.45	3.30	3.37	3.48	3.59	3.41	3.48	3.59	3.71	1575	KW	2.67	2.73	2.80	2.89	2.86	2.92	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.45	3.30	3.37	3.48	3.59	3.41	3.48	3.59	3.71	1400	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	13.3	13.7	14.2	13.7	14.0	14.5	15.0	1225	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	13.3	13.7	14.2	13.7	14.0	14.5	15.0	85	HI PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	1575	HI PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	1400	LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	1225	LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	85	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	1575	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	1400	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.01	0.95	0.77	0.58	1.02	0.96	0.78	0.58	1225	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.01	0.95	0.77	0.58	1.02	0.96	0.78	0.58	85	Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	20	16	25	24	20	16	23	23	22	19	15	1575	Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	20	16	25	24	20	16	23	23	22	19	15	1400	KW	2.61	2.67	2.74	2.82	2.80	2.85	2.94	3.03	2.96	3.02	3.11	3.21	3.10	3.17	3.26	3.36	3.22	3.29	3.39	3.50	3.33	3.40	3.50	3.62	1225	KW	2.61	2.67	2.74	2.82	2.80	2.85	2.94	3.03	2.96	3.02	3.11	3.21	3.10	3.17	3.26	3.36	3.22	3.29	3.39	3.50	3.33	3.40	3.50	3.62	85	AMPS	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.7	12.2	11.9	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	1575	AMPS	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.7	12.2	11.9	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	1400	HI PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456	1225	HI PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456	85	LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	1575	LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

A MPS=outdoor unit amps (comp.-fan)

COOLING PERFORMANCE DATA

SSZ140481A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ140481A* / CA*F4860*6A*+TXV / MBR2000**-1

		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	1744	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	-	36.9	38.2	41.9	-							
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-							
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-							
		KW	2.98	3.04	3.13	-	3.19	3.26	3.36	-	3.38	3.45	3.56	-	3.55	3.62	3.73	-	3.69	3.77	3.88	-	3.81	3.89	4.01	-	3.81	3.89	4.01	-							
		AMPS	5.9	6.2	6.5	-	6.8	7.0	7.4	-	7.7	8.0	8.5	-	8.6	8.9	9.4	-	9.5	9.8	10.3	-	10.3	10.7	11.2	-	10.3	10.7	11.2	-							
		HIPR	217	233	247	-	243	262	277	-	277	298	315	-	315	339	358	-	355	382	403	-	392	422	445	-	392	422	445	-							
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	132	141	154	-							
		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	-	35.8	37.1	40.7	-							
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-							
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-							
		KW	2.96	3.02	3.10	-	3.17	3.23	3.33	-	3.36	3.42	3.53	-	3.52	3.59	3.70	-	3.66	3.74	3.85	-	3.78	3.86	3.98	-	3.78	3.86	3.98	-							
		AMPS	5.8	6.1	6.4	-	6.7	6.9	7.3	-	7.6	7.9	8.4	-	8.5	8.8	9.3	-	9.3	9.7	10.2	-	10.2	10.5	11.0	-	10.2	10.5	11.0	-							
		HIPR	215	231	244	-	241	259	274	-	274	295	311	-	312	336	355	-	351	378	399	-	388	418	441	-	388	418	441	-							
		LO PR	105	112	122	-	111	118	129	-	115	122	134	-	121	129	140	-	127	135	147	-	131	139	152	-	131	139	152	-							
		75	1744	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	-	33.1	34.3	37.5	-					
S/T	0.70			0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-							
Delta T	19			17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-							
KW	2.89			2.95	3.04	-	3.10	3.16	3.25	-	3.28	3.34	3.45	-	3.44	3.51	3.62	-	3.57	3.65	3.76	-	3.69	3.77	3.89	-	3.69	3.77	3.89	-							
AMPS	5.5			5.8	6.1	-	6.3	6.6	7.0	-	7.3	7.6	8.0	-	8.1	8.4	8.9	-	8.9	9.3	9.7	-	9.7	10.1	10.6	-	9.7	10.1	10.6	-							
HIPR	208			224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	376	405	428	-	376	405	428	-							
LO PR	102			108	118	-	107	114	125	-	112	119	130	-	117	125	136	-	123	131	143	-	127	135	148	-	127	135	148	-							
75	1744			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	37.5	38.6	41.8	44.9					
				S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	1.00	0.89	0.67	0.43					
				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	10					
				KW	3.00	3.06	3.15	3.25	3.22	3.28	3.38	3.49	3.41	3.48	3.58	3.70	3.58	3.65	3.76	3.88	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18	3.84	3.92	4.05	4.18					
				AMPS	6.0	6.3	6.6	7.0	6.9	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.0	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9	10.4	10.8	11.3	11.9					
				HIPR	219	236	249	260	246	265	279	291	280	301	318	331	319	343	362	378	358	386	407	425	396	426	450	469	396	426	450	469					
				LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	134	142	155	165					
				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	36.4	37.5	40.6	43.6					
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41							
		Delta T	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11	21	19	15	11							
		KW	2.98	3.04	3.13	3.22	3.19	3.26	3.36	3.46	3.38	3.45	3.56	3.67	3.55	3.62	3.73	3.85	3.69	3.77	3.88	4.01	3.81	3.89	4.01	4.14	3.81	3.89	4.01	4.14							
		AMPS	5.9	6.2	6.5	6.9	6.8	7.0	7.4	7.9	7.7	8.1	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	10.3	10.7	11.2	11.8							
		HIPR	217	233	247	257	243	262	277	289	277	298	315	328	315	339	358	374	355	382	403	421	392	422	445	465	392	422	445	465							
		LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	132	141	154	164							
		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	33.6	34.6	37.5	40.2							
S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40									
Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	23	21	17	12	22	21	17	11	22	21	17	11									
KW	2.91	2.97	3.06	3.15	3.12	3.18	3.28	3.38	3.30	3.37	3.47	3.58	3.46	3.54	3.65	3.76	3.60	3.68	3.79	3.91	3.72	3.80	3.92	4.04	3.72	3.80	3.92	4.04									
AMPS	5.6	5.9	6.2	6.6	6.4	6.7	7.1	7.5	7.4	7.7	8.1	8.6	8.2	8.6	9.0	9.5	9.1	9.4	9.9	10.4	9.9	10.2	10.7	11.3	9.9	10.2	10.7	11.3									
HIPR	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	363	344	370	391	408	380	409	432	451	380	409	432	451									
LO PR	103	109	119	127	109	115	126	134	113	120	131	140	118	126	138	147	124	132	144	154	128	137	149	159	128	137	149	159									

Shaded area is ACCA (TVA) conditions

IDB= Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140481A*

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: SSZ140481A* / CA*F4860*6A*+TXV / MBR2000**-1

		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						
80	1744	MBh	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	
		S/T	0.95	0.89	0.73	0.54	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	0.83	0.62	1.00	1.00	0.83	0.62	
		Delta T	23	22	19	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	22	20	16	20	21	18	15
		KW	3.03	3.08	3.18	3.27	3.24	3.31	3.41	3.51	3.61	3.43	3.51	3.61	3.73	3.60	3.68	3.79	3.91	3.75	3.83	3.95	4.07	3.87	3.95	4.08	4.21
		AMPS	6.1	6.4	6.7	7.1	7.0	7.3	7.6	8.1	8.0	8.3	8.7	9.2	8.8	8.8	9.2	9.6	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1
	HIPR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474	474	
	LO PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	167	
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3		
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	0.99	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.79	0.59		
	Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15		
1550	KW	3.00	3.06	3.15	3.25	3.22	3.28	3.38	3.49	3.41	3.48	3.58	3.70	3.58	3.65	3.76	3.88	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18		
	AMPS	6.0	6.3	6.6	7.0	6.9	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9		
	HIPR	219	236	249	260	246	265	279	291	280	301	318	332	319	343	362	378	358	386	407	425	396	426	450	469		
	LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165		
	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		
1356	S/T	0.87	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57		
	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16		
	KW	2.94	2.99	3.08	3.17	3.14	3.21	3.30	3.40	3.33	3.40	3.50	3.61	3.49	3.56	3.67	3.79	3.63	3.71	3.82	3.94	3.75	3.83	3.95	4.08		
	AMPS	5.7	6.0	6.3	6.7	6.6	6.8	7.2	7.6	7.5	7.8	8.2	8.7	8.4	8.7	9.1	9.6	9.2	9.5	10.0	10.6	10.0	10.4	10.9	11.5		
	HIPR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	413	436	455		
LO PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160			

85	1744	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3	
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	1.00	0.81
		Delta T	25	25	23	20	24	25	23	20	24	24	24	20	23	24	24	20	22	23	23	23	20	20	21	22	19
		KW	3.05	3.11	3.20	3.30	3.27	3.33	3.43	3.54	3.46	3.53	3.64	3.76	3.63	3.71	3.82	3.95	3.78	3.86	3.98	4.11	3.90	3.99	4.11	4.25	
		AMPS	6.2	6.5	6.8	7.2	7.1	7.4	7.8	8.2	8.1	8.4	8.8	9.4	9.0	9.3	9.8	10.3	9.9	10.2	10.7	11.3	10.7	11.1	11.6	12.3	
	1550	HIPR	224	241	254	265	251	270	285	297	285	307	324	338	325	350	369	385	366	393	415	433	404	435	459	479	
		LO PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	
		MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	1.00	0.95	0.77
		Delta T	26	26	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	25	24	21	22	22	23	20	20
1356	KW	3.03	3.08	3.18	3.27	3.24	3.31	3.41	3.51	3.43	3.51	3.61	3.73	3.60	3.68	3.79	3.91	3.75	3.83	3.95	4.07	3.87	3.95	4.08	4.21		
	AMPS	6.1	6.4	6.7	7.1	7.0	7.3	7.6	8.1	8.0	8.3	8.7	9.2	8.8	9.2	9.6	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1		
	HIPR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474		
	LO PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167		
	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7		
S/T	0.92	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	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	1.00	0.92	0.74		
Delta T	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	25	26	25	24	21	24	24	23	20		
KW	2.96	3.02	3.10	3.20	3.17	3.23	3.33	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.70	3.82	3.66	3.74	3.85	3.97	3.78	3.86	3.98	4.11			
AMPS	5.8	6.1	6.4	6.8	6.7	6.9	7.3	7.8	7.6	7.9	8.3	8.8	8.5	8.8	9.2	9.8	9.3	9.7	10.1	10.7	10.2	10.5	11.0	11.6			
HIPR	215	231	244	254	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	417	441	460			
LO PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162			

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

A MPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140601A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140601A* / CA°F4860*6A*+TXV / MBE2000**--1

IDB	Airflow	Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		65						75						85						95						105						115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
70	2081	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	3.63	3.70	3.82	-	3.91	3.99	4.12	-	4.16	4.25	4.39	-	4.38	4.48	4.63	-	4.57	4.67	4.83	-	4.73	4.83	5.00	-	7.6	7.9	8.4	-	8.7	9.1	9.6	-	10.0	10.4	10.9	-	11.1	11.5	12.1	-	12.2	12.7	13.3	-	13.3	13.8	14.5	-	219	236	249	-	246	264	279	-	279	301	318	-	318	343	362	-	358	385	407	-	396	426	450	-	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	132	145	-	129	137	150	-	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	19	16	13	-	3.60	3.67	3.79	-	3.88	3.96	4.09	-	4.12	4.22	4.35	-	4.34	4.44	4.59	-	4.53	4.63	4.78	-	4.69	4.79	4.96	-	7.4	7.8	8.2	-	8.6	8.9	9.4	-	9.8	10.2	10.8	-	11.0	11.4	12.0	-	12.1	12.5	13.1	-	13.2	13.6	14.3	-	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	355	382	403	-	392	422	445	-	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	3.51	3.58	3.70	-	3.78	3.86	3.99	-	4.02	4.11	4.23	-	4.23	4.33	4.47	-	4.41	4.51	4.66	-	4.57	4.67	4.83	-	7.1	7.4	7.8	-	8.2	8.5	9.0	-	9.4	9.8	10.3	-	10.5	10.9	11.5	-	11.6	12.0	12.6	-	12.6	13.1	13.7	-	210	226	239	-	236	254	268	-	268	289	305	-	306	329	347	-	344	370	391	-	380	409	432	-	99	105	115	-	105	111	121	-	109	116	126	-	114	121	133	-	120	127	139	-	124	132	144	-																														
		75	2081	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	3.66	3.73	3.85	3.98	3.94	4.03	4.16	4.30	4.19	4.29	4.43	4.58	4.42	4.52	4.67	4.82	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.22	7.7	8.0	8.5	9.1	8.8	9.2	9.7	10.3	10.1	10.5	11.1	11.8	11.3	11.7	12.3	13.0	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	22	20	17	11	21	19	16	11	3.63	3.70	3.82	3.95	3.91	3.99	4.12	4.26	4.16	4.25	4.39	4.54	4.38	4.48	4.63	4.78	4.57	4.67	4.83	4.99	4.73	4.84	5.00	5.17	7.6	7.9	8.4	8.9	8.7	9.1	9.6	10.2	10.0	10.4	10.9	11.6	11.1	11.5	12.1	12.8	12.2	12.7	13.3	14.1	13.3	13.8	14.5	15.3	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	385	407	425	396	426	450	469	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	3.54	3.61	3.73	3.85	3.81	3.90	4.02	4.15	4.06	4.14	4.28	4.42	4.27	4.36	4.51	4.66	4.45	4.55	4.70	4.86	4.61	4.71	4.87	5.04	7.2	7.5	8.0	8.5	8.3	8.6	9.1	9.7	9.5	9.9	10.5	11.1	10.6	11.0	11.6	12.3	11.7	12.2	12.8	13.5	12.8	13.3	13.9	14.7	212	229	241	252	238	257	271	283	271	292	308	321	309	332	351	366	347	374	395	412	384	413	436	455	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155
				1619	MBh	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	3.54	3.61	3.73	3.85	3.81	3.90	4.02	4.15	4.06	4.14	4.28	4.42	4.27	4.36	4.51	4.66	4.45	4.55	4.70	4.86	4.61	4.71	4.87	5.04	7.2	7.5	8.0	8.5	8.3	8.6	9.1	9.7	9.5	9.9	10.5	11.1	10.6	11.0	11.6	12.3	11.7	12.2	12.8	13.5	12.8	13.3	13.9	14.7	212	229	241	252	238	257	271	283	271	292	308	321	309	332	351	366	347	374	395	412	384	413	436	455																																																																																																																																																																																																																																																																																																																																																																															
					LO PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

IDB: Entering Indoor Dry Bulb Temperature
 KW=Total system power
 A MPS=outdoor unit amps (comp.-fan)
 Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

SSZ140601A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140601A* / CA*F4860*6A*+TXV / MBE2000**-1

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	2081	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7					
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61					
		Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	23	20	16	21	21	18	15				
		KW	3.69	3.76	3.89	4.01	3.97	4.06	4.19	4.33	4.23	4.32	4.47	4.62	4.45	4.55	4.71	4.87	4.64	4.64	4.75	4.91	5.08	4.81	4.92	5.09	5.26				
		AMPS	7.8	8.2	8.6	9.2	9.0	9.3	9.9	10.5	10.3	10.7	11.3	11.9	11.4	11.9	12.5	13.2	12.6	13.0	13.7	14.5	15.7	13.7	14.2	14.9	15.7				
	1850	HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479					
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163					
		MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2					
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58					
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	24	24	20	16	23	22	19	15				
1619	KW	3.66	3.73	3.85	3.98	3.94	4.03	4.16	4.30	4.19	4.29	4.43	4.58	4.42	4.52	4.67	4.82	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.22						
	AMPS	7.7	8.0	8.5	9.1	8.8	9.2	9.7	10.3	10.1	10.5	11.1	11.8	11.3	11.7	12.3	13.0	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5						
	HI PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474						
	LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161						
	MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1						

85	2081	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
		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	25	25	23	20	25	25	24	20	25	25	24	20	24	24	24	21	23	23	23	20	21	21	22	19
		KW	3.72	3.80	3.92	4.05	4.01	4.09	4.23	4.37	4.26	4.36	4.50	4.66	4.49	4.59	4.75	4.91	4.68	4.79	4.95	5.12	4.85	4.96	5.13	5.31
		AMPS	8.0	8.3	8.8	9.3	9.1	9.5	10.0	10.6	10.4	10.9	11.4	12.1	11.6	12.0	12.7	13.4	12.8	13.2	13.9	14.7	13.9	14.4	15.1	15.9
	1850	HI PR	226	243	256	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483
		LO PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
		MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
		Delta T	26	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	23	20
1619	KW	3.69	3.76	3.89	4.01	3.97	4.06	4.19	4.33	4.23	4.32	4.47	4.62	4.45	4.55	4.71	4.87	4.64	4.75	4.91	5.08	4.81	4.92	5.09	5.26	
	AMPS	7.8	8.2	8.6	9.2	9.0	9.3	9.9	10.5	10.3	10.7	11.3	11.9	11.4	11.9	12.5	13.2	12.6	13.0	13.7	14.5	13.7	14.2	14.9	15.7	
	HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479	
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163	
	MBh	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7	

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

A MPS=outdoor unit amps (comp.+fan)

COOLING PERFORMANCE DATA

SSZ140361B*

EXPANDED PERFORMANCE DATA

MODEL: SSZ140361B* / AR*F374316B*

IDB	Airflow	Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
70	1090	MBh	30.7	31.9	34.9	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-	23.2	24.2	26.8	-	21.8	22.8	25.4	-	19.8	20.8	23.4	-	18.4	19.4	22.0	-	17.0	18.0	20.6	-	15.6	16.6	19.2	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		S/T	0.72	0.60	0.42	-	0.77	0.64	0.45	-	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	-	0.83	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	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		KW	2.27	2.31	2.38	-	2.42	2.47	2.54	-	2.56	2.61	2.68	-	2.67	2.73	2.81	-	2.77	2.83	2.91	-	2.86	2.92	3.01	-	2.94	3.00	3.08	-	3.03	3.09	3.17	-	3.12	3.18	3.26	-	3.20	3.26	3.34	-	3.27	3.33	3.41	-	3.34	3.40	3.48	-	3.45	3.51	3.59	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	AMPS	8.3	8.4	8.7	-	8.9	9.1	9.3	-	9.6	9.8	10.1	-	10.2	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.6	12.0	-	11.8	12.0	12.4	-	12.2	12.4	12.8	-	12.6	12.8	13.2	-	13.0	13.2	13.6	-	13.4	13.6	14.0	-	13.8	14.0	14.4	-	14.2	14.4	14.8	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	HI PR	223	240	254	-	251	270	285	-	285	307	324	-	325	349	369	-	365	393	415	-	403	434	468	-	425	456	487	-	456	487	518	-	487	518	549	-	518	549	580	-	549	580	611	-	580	611	642	-	611	642	673	-	642	673	704	-	673	704	735	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	140	149	162	-	145	154	167	-	150	159	172	-	155	164	177	-	160	169	182	-	165	174	187	-	170	179	192	-	175	184	197	-	180	189	202	-	185	194	207	-	190	199	212	-	195	204	217	-	200	209	222	-	205	214	227	-	210	219	232	-	215	224	237	-	220	229	242	-	225	234	247	-	230	239	252	-	235	244	257	-	240	249	262	-	245	254	267	-	250	259	272	-	255	264	277	-	260	269	282	-	265	274	287	-	270	279	292	-	275	284	297	-	280	289	302	-	285	294	307	-	290	299	312	-	295	304	317	-	300	309	322	-	305	314	327	-	310	319	332	-	315	324	337	-	320	329	342	-	325	334	347	-	330	339	352	-	335	344	357	-	340	349	362	-	345	354	367	-	350	359	372	-	355	364	377	-	360	369	382	-	365	374	387	-	370	379	392	-	375	384	397	-	380	389	402	-	385	394	407	-	390	399	412	-	395	404	417	-	400	409	422	-	405	414	427	-	410	419	432	-	415	424	437	-	420	429	442	-	425	434	447	-	430	439	452	-	435	444	457	-	440	449	462	-	445	454	467	-	450	459	472	-	455	464	477	-	460	469	482	-	465	474	487	-	470	479	492	-	475	484	497	-	480	489	502	-	485	494	507	-	490	499	512	-	495	504	517	-	500	509	522	-	505	514	527	-	510	519	532	-	515	524	537	-	520	529	542	-	525	534	547	-	530	539	552	-	535	544	557	-	540	549	562	-	545	554	567	-	550	559	572	-	555	564	577	-	560	569	582	-	565	574	587	-	570	579	592	-	575	584	597	-	580	589	602	-	585	594	607	-	590	599	612	-	595	604	617	-	600	609	622	-	605	614	627	-	610	619	632	-	615	624	637	-	620	629	642	-	625	634	647	-	630	639	652	-	635	644	657	-	640	649	662	-	645	654	667	-	650	659	672	-	655	664	677	-	660	669	682	-	665	674	687	-	670	679	692	-	675	684	697	-	680	689	702	-	685	694	707	-	690	699	712	-	695	704	717	-	700	709	722	-	705	714	727	-	710	719	732	-	715	724	737	-	720	729	742	-	725	734	747	-	730	739	752	-	735	744	757	-	740	749	762	-	745	754	767	-	750	759	772	-	755	764	777	-	760	769	782	-	765	774	787	-	770	779	792	-	775	784	797	-	780	789	802	-	785	794	807	-	790	799	812	-	795	804	817	-	800	809	822	-	805	814	827	-	810	819	832	-	815	824	837	-	820	829	842	-	825	834	847	-	830	839	852	-	835	844	857	-	840	849	862	-	845	854	867	-	850	859	872	-	855	864	877	-	860	869	882	-	865	874	887	-	870	879	892	-	875	884	897	-	880	889	902	-	885	894	907	-	890	899	912	-	895	904	917	-	900	909	922	-	905	914	927	-	910	919	932	-	915	924	937	-	920	929	942	-	925	934	947	-	930	939	952	-	935	944	957	-	940	949	962	-	945	954	967	-	950	959	972	-	955	964	977	-	960	969	982	-	965	974	987	-	970	979	992	-	975	984	997	-	980	989	1002	-	985	994	1007	-	990	999	1012	-	995	1004	1017	-	1000	1009	1022	-	1005	1014	1027	-	1010	1019	1032	-	1015	1024	1037	-	1020	1029	1042	-	1025	1034	1047	-	1030	1039	1052	-	1035	1044	1057	-	1040	1049	1062	-	1045	1054	1067	-	1050	1059	1072	-	1055	1064	1077	-	1060	1069	1090	-	1065	1074	1087	-	1070	1079	1092	-	1075	1084	1097	-	1080	1089	1102	-	1085	1094	1107	-	1090	1099	1120	-	1095	1104	1117	-	1100	1109	1122	-	1105	1114	1127	-	1110	1119	1132	-	1115	1124	1137	-	1120	1129	1142	-	1125	1134	1147	-	1130	1139	1152	-	1135	1144	1157	-	1140	1149	1162	-	1145	1154	1167	-	1150	1159	1172	-	1155	1164	1177	-	1160	1169	1182	-	1165	1174	1187	-	1170	1179	1192	-	1175	1184	1197	-	1180	1189	1202	-	1185	1194	1207	-	1190	1199	1212	-	1195	1204	1217	-	1200	1209	1222	-	1205	1214	1227	-	1210	1219	1232	-	1215	1224	1237	-	1220	1229	1242	-	1225	1234	1247	-	1230	1239	1252	-	1235	1244	1257	-	1240	1249	1262	-	1245	1254	1267	-	1250	1259	1272	-	1255	1264	1277	-	1260	1269	1290	-	1265	1274	1287	-	1270	1279	1292	-	1275	1284	1297	-	1280	1289	1302	-	1285	1294	1307	-	1290	1299	1312	-	1295	1304	1317	-	1300	1309	1322	-	1305	1314	1327	-	1310	1319	1332	-	1315	1324	1337	-	1320	1329	1342	-	1325	1334	1347	-	1330	1339	1352	-	1335	1344	1357	-	1340	1349	1362	-	1345	1354	1367	-	1350	1359	1372	-	1355	1364	1377	-	1360	1369	1382	-	1365	1374	1387	-	1370	1379	1392	-	1375	1384	1397	-	1380	1389	1402	-	1385	1394	1407	-	1390	1399	1412	-	1395	1404	1417	-	1400	1409	1422	-	1405	1414	1427	-	1410	1419	1432	-	1415	1424	1437	-	1420	1429	1442	-	1425	1434	1447	-	1430	1439	1452	-	1435	1444	1457	-	1440	1449	1462	-	1445	1454	1467	-	1450	1459	1472	-	1455	1464	1477	-	1460	1469	1482	-	1465	1474	1487	-	1470	1479	1492	-	1475	1484	1497	-	1480	1489	1502	-	1485	1494	1507	-	1490	1499	1512	-	1495	1504	1517	-	1500	1509	1522	-	1505	1514	1527	-	1510	1519	1532	-	1515	1524	1537	-	1520	1529	1542	-	1525	1534	1547	-	1530	1539	1552	-	1535	1544	1557	-	1540	1549	1562	-	1545	1554	1567	-	1550	1559	1572	-	1555	1564	1577	-	1560	1569	1582	-	1565	1574	1587	-	1570	1579	1592	-	1575

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140361B* / AR*F374316B*

IDB* Airflow	Outdoor Ambient Temperature																									
	65					75					85															
	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75											
1090	MBh	31.81	32.51	34.73	37.12	31.07	31.75	33.92	36.26	30.33	30.99	33.11	35.40	29.59	30.24	32.31	34.53	28.11	28.73	30.69	32.81	26.04	26.61	28.43	30.39	
	S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.03	0.96	0.78	0.59	1.04	0.97	0.79	0.59	
	Delta T	24	23	20	16	25	23	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15	
	KW	2.30	2.35	2.41	2.48	2.46	2.50	2.58	2.65	2.59	2.64	2.72	2.80	2.71	2.77	2.85	2.94	2.82	2.87	2.96	3.05	2.91	2.96	3.05	3.15	
	AMPS	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8	12.2	12.7	
	HI PR	228	245	259	270	256	275	291	303	291	313	330	345	331	356	376	393	373	401	423	442	412	443	468	488	
	LO PR	110	117	128	136	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	
	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	
	S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	23	20	16	21	21	19	15	
1250	KW	2.35	2.40	2.46	2.53	2.51	2.56	2.63	2.71	2.65	2.70	2.78	2.87	2.78	2.83	2.92	3.00	2.88	2.94	3.03	3.12	2.97	3.03	3.13	3.22	
	AMPS	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.3	11.9	12.2	12.5	13.0	
	HI PR	235	253	267	278	264	284	300	312	300	323	341	355	341	367	388	405	384	413	437	455	424	457	482	503	
	LO PR	114	121	132	141	120	128	140	149	125	133	145	154	131	140	152	162	137	146	160	170	142	144	151	165	176
	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9	
	S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64	
Delta T	23	22	19	15	23	22	19	15	22	23	19	15	22	22	19	16	21	21	19	15	19	19	18	14		
1400	KW	2.37	2.41	2.48	2.55	2.53	2.58	2.65	2.73	2.67	2.72	2.80	2.89	2.80	2.85	2.94	3.03	2.90	2.96	3.05	3.15	3.00	3.06	3.15	3.25	
	AMPS	8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.3	12.7	13.1	
	HI PR	237	255	270	281	266	286	303	316	303	326	344	359	345	371	392	409	388	417	441	460	429	461	487	508	
	LO PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	144	153	167	178	
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7	
	S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	
Delta T	25	25	24	20	25	25	24	21	25	25	24	21	24	24	24	21	23	23	24	20	21	22	22	19		

IDB* Airflow	Outdoor Ambient Temperature																								
	65					75					85														
	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
1090	MBh	32.37	32.99	34.55	36.86	31.61	32.23	33.75	36.01	30.86	31.46	32.95	35.15	30.11	30.69	32.14	34.29	28.60	29.16	30.54	32.58	26.50	27.01	28.29	30.18
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	25	24	21	22	23	23	20
	KW	2.32	2.36	2.43	2.50	2.48	2.52	2.59	2.67	2.61	2.66	2.74	2.82	2.73	2.79	2.87	2.96	2.84	2.90	2.98	3.07	2.93	2.99	3.08	3.17
	AMPS	8.5	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.1	11.7	11.9	12.3	12.8
	HI PR	230	248	262	273	258	278	293	306	294	316	334	348	335	360	380	396	376	405	428	446	416	447	472	493
	LO PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7
	S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
	Delta T	25	25	24	20	25	25	24	21	25	25	24	21	24	24	24	21	23	23	24	20	21	22	22	19
1250	KW	2.37	2.41	2.48	2.55	2.53	2.58	2.65	2.73	2.67	2.72	2.80	2.89	2.80	2.85	2.94	3.03	2.90	2.96	3.05	3.15	3.00	3.06	3.15	3.25
	AMPS	8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.3	12.7	13.1
	HI PR	237	255	270	281	266	286	303	316	303	326	344	359	345	371	392	409	388	417	441	460	429	461	487	508
	LO PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	144	153	167	178
	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
	S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.97	0.83	1.00	1.00	0.98	0.80
Delta T	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	21	21	22	20	19	20	21	18	
1400	KW	2.39	2.43	2.50	2.57	2.55	2.60	2.67	2.75	2.69	2.74	2.83	2.91	2.82	2.87	2.96	3.05	2.93	2.99	3.08	3.17	3.02	3.08	3.17	3.27
	AMPS	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.2	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.5	11.7	12.1	12.5	12.1	12.4	12.8	13.2
	HI PR	240	258	272	284	269	289	306	319	306	329	348	362	348	375	396	413	392	422	445	464	433	466	492	513
	LO PR	116	123	135	144	123	130	142	152	127	136	148	158	134	142	155	166	140	149	163	173	145	154	168	179
	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
	S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.97	0.83	1.00	1.00	0.98	0.80

Shaded area is ARI Rating Conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=Outdoor unit amps (comp+fan)

PERFORMANCE DATA

Model: SSZ140181A* / CA*F3131*6A*+TXV / MBR800-1**
Conditions: 80° IDB, 67° IWB @ 600 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	18,900	13,097	5,803	1,329
80°	18,675	13,106	5,569	1,370
85°	18,450	13,111	5,339	1,411
90°	18,225	13,159	5,066	1,447
95°	18,000	13,203	4,797	1,483
100°	17,550	13,117	4,433	1,514
105°	17,100	13,018	4,082	1,544
110°	16,470	12,591	3,879	1,571
115°	15,840	12,160	3,680	1,597
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	16,680	13,071	3,609	1,426

Model: SSZ140241A* / CA*F3636*6A*+TXV / MBR800-1**
Conditions: 80° IDB, 67° IWB @ 850 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	25,200	17,861	7,339	1,873
80°	24,900	17,873	7,027	1,930
85°	24,600	17,879	6,721	1,986
90°	24,300	17,946	6,354	2,036
95°	24,000	18,005	5,995	2,086
100°	23,400	17,888	5,512	2,128
105°	22,800	17,753	5,047	2,170
110°	21,960	17,171	4,789	2,207
115°	21,120	16,583	4,537	2,243
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	22,239	17,825	4,414	2,006

Model: SSZ140301A* / CA*F3642*6A*+TXV / MBR1600-1**
Conditions: 80° IDB, 67° IWB @ 1050 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	30,240	22,369	7,871	2,259
80°	29,880	22,383	7,497	2,326
85°	29,520	22,391	7,129	2,392
90°	29,160	22,475	6,685	2,451
95°	28,800	22,549	6,251	2,510
100°	28,080	22,402	5,678	2,560
105°	27,360	22,233	5,127	2,610
110°	26,352	21,504	4,848	2,653
115°	25,344	20,768	4,576	2,696
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	26,687	22,324	4,364	2,417

Model: SSZ140361A* / CA*F4860*6A*+TXV / MBR1600-1**
Conditions: 80° IDB, 67° IWB @ 1050 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	36,330	24,713	11,617	2,662
80°	35,898	24,729	11,169	2,742
85°	35,465	24,738	10,727	2,822
90°	35,033	24,830	10,203	2,892
95°	34,600	24,912	9,688	2,963
100°	33,735	24,749	8,986	3,023
105°	32,870	24,563	8,307	3,083
110°	31,659	23,757	7,902	3,135
115°	30,448	22,944	7,504	3,187
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	32,062	24,663	7,399	2,851

Model: SSZ140421A* / CA*F4860*6A*+TXV / MBR2000-1**
Conditions: 80° IDB, 67° IWB @ 1400 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	42,000	30,603	11,397	3,006
80°	41,500	30,623	10,877	3,095
85°	41,000	30,634	10,366	3,184
90°	40,500	30,748	9,752	3,263
95°	40,000	30,850	9,150	3,342
100°	39,000	30,649	8,351	3,408
105°	38,000	30,418	7,582	3,475
110°	36,600	29,420	7,180	3,533
115°	35,200	28,413	6,787	3,590
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	37,066	30,542	6,524	3,217

Model: SSZ140481A* / CA*F4860*6A*+TXV / MBR2000-1**
Conditions: 80° IDB, 67° IWB @ 1550 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	48,300	34,653	13,647	3,382
80°	47,725	34,675	13,050	3,483
85°	47,150	34,687	12,463	3,585
90°	46,575	34,817	11,758	3,674
95°	46,000	34,932	11,068	3,764
100°	44,850	34,704	10,146	3,840
105°	43,700	34,443	9,257	3,916
110°	42,090	33,313	8,777	3,981
115°	40,480	32,172	8,308	4,047
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	42,625	34,583	8,043	3,621

Model: SSZ140601A* / CA*F4860*6A*+TXV / MBE2000-1**
Conditions: 80° IDB, 67° IWB @ 1850 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	59,325	41,430	17,895	4,159
80°	58,619	41,457	17,161	4,294
85°	57,913	41,472	16,440	4,428
90°	57,206	41,626	15,580	4,547
95°	56,500	41,764	14,736	4,666
100°	55,088	41,492	13,596	4,767
105°	53,675	41,180	12,495	4,868
110°	51,698	39,829	11,869	4,955
115°	49,720	38,465	11,255	5,042
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	52,355	41,347	11,008	4,477

Model: SSZ140361B* / AR*F374316B+TXV
Conditions: 80° IDB, 67° IWB @ 1250 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	36,800	27,232	9,568	2,630
80°	36,350	27,263	9,088	2,705
85°	35,900	27,284	8,616	2,780
90°	35,450	27,297	8,154	2,850
95°	35,000	27,300	7,700	2,920
100°	34,150	27,149	7,001	2,975
105°	33,300	26,973	6,327	3,030
110°	32,050	26,121	5,929	3,080
115°	30,800	25,256	5,544	3,130
TVA Conditions @ 95° OD DB, 75° ID DB, 63° ID WB				
95°	32,400	27,216	5,184	2,810

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140181A* / CA*F3131*6A* +TXV / MBR800***-1

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.6	21.4	20.2	18.8	18.0	17.4	16.2	14.9	12.8	11.8	10.9	10.3	9.9	8.9	7.9	6.9	5.9	4.8
Delta T	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	19.7	18.2	16.8	15.8	15.3	13.7	12.1	10.6	9.0	7.4
KW	1.56	1.53	1.50	1.47	1.45	1.44	1.41	1.38	1.39	1.36	1.32	1.31	1.29	1.26	1.23	1.20	1.17	1.14
AMPS	7.0	6.5	6.1	5.7	5.5	5.4	5.1	4.9	4.7	4.5	4.2	4.1	4.1	3.9	3.6	3.4	3.2	2.9
COP	4.23	4.09	3.93	3.75	3.62	3.54	3.36	3.16	2.70	2.55	2.40	2.30	2.24	2.06	1.87	1.67	1.47	1.23
EER	14.5	14.0	13.4	12.8	12.4	12.1	11.5	10.8	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
		17		22		27		32		37		42		47		52		57		62		67	
		Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct
530	65	255	66	268	73	281	81	293	89	306	97	319	105	332	113	345	121	358	129	371	137	384	145
	70	274	64	287	73	300	81	313	89	326	97	340	105	353	113	366	121	379	129	392	137	405	145
	75	294	64	307	72	321	80	334	88	348	96	361	104	375	112	388	120	401	128	414	136	427	144
600	65	247	64	259	72	271	80	283	88	296	96	308	104	321	112	333	120	346	128	358	136	371	144
	70	265	65	278	72	290	80	303	88	315	96	328	104	341	112	353	120	366	128	379	136	391	144
	75	284	65	297	73	310	81	323	89	336	97	349	105	362	113	375	121	388	129	400	137	413	145
680	65	240	64	252	72	264	80	276	88	288	96	300	104	313	112	325	120	337	128	349	136	362	144
	70	258	64	271	72	283	80	295	88	308	96	320	104	332	112	345	120	357	128	369	136	382	144
	75	277	65	290	73	302	81	315	89	328	97	340	105	353	113	365	121	378	129	390	137	403	145

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140241A* / CA*F3636*6A*+TXV / MBR800**--1

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	17.9	16.6	15.2	14.4	13.9	12.4	11.0	9.6	8.2	6.7
Delta T	32.9	31.1	29.3	27.4	26.1	25.3	23.5	21.7	19.5	18.0	16.6	15.7	15.1	13.5	12.0	10.5	8.9	7.3
KW	2.08	2.04	2.00	1.96	1.94	1.92	1.89	1.85	1.87	1.82	1.78	1.76	1.74	1.70	1.66	1.62	1.58	1.54
AMPS	8.1	7.9	7.7	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.3	6.2	6.1
COP	4.24	4.09	3.93	3.74	3.62	3.54	3.35	3.16	2.81	2.65	2.50	2.39	2.33	2.14	1.94	1.73	1.52	1.28
EER	14.5	14.0	13.4	12.8	12.4	12.1	11.4	10.8	9.6	9.1	8.5	8.2	7.9	7.3	6.6	5.9	5.2	4.4

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
		17		22		27		32		37		42		47		52		57		62		67	
		Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct
740	65	251	65	264	72	277	80	291	87	304	94	317	101	331	109	344	116	358	123	372	130	385	137
	70	270	65	283	72	297	79	311	87	324	94	338	101	352	108	365	115	379	123	393	130	406	137
	75	289	65	303	72	317	79	331	86	346	94	360	101	373	108	387	115	401	122	415	129	429	137
850	65	242	65	255	72	268	79	281	86	294	93	307	100	320	108	333	115	346	122	359	129	372	136
	70	260	65	274	72	287	79	300	87	313	94	327	101	340	108	353	115	366	122	379	129	393	137
	75	279	66	293	73	307	80	320	87	334	94	347	101	361	109	374	116	388	123	401	130	414	137
960	65	236	65	249	72	261	79	274	86	286	93	299	100	312	107	324	115	337	122	350	129	363	136
	70	254	65	267	72	280	79	293	86	306	94	318	101	331	108	344	115	357	122	370	129	383	136
	75	272	65	286	73	299	80	312	87	325	94	339	101	352	108	365	116	378	123	391	130	404	137

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140301A* / CA *F3642*6A*+TXV / MBR1600** -1

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	36.5	34.5	32.5	30.4	29.0	28.1	26.1	24.1	22.6	20.9	19.2	18.2	17.5	15.7	13.9	12.1	10.3	8.5
Delta T	32.1	30.4	28.6	26.8	25.6	24.8	23.0	21.2	19.9	18.4	17.0	16.0	15.4	13.8	12.3	10.7	9.1	7.5
KW	2.40	2.36	2.32	2.27	2.25	2.23	2.19	2.14	2.20	2.15	2.11	2.08	2.06	2.01	1.97	1.92	1.87	1.83
AMPS	11.8	10.6	9.6	8.7	8.2	8.0	7.2	6.6	6.1	5.6	5.1	4.9	4.8	4.3	3.6	3.1	2.5	1.8
COP	4.44	4.28	4.10	3.91	3.78	3.69	3.50	3.29	3.01	2.84	2.67	2.55	2.48	2.28	2.07	1.85	1.62	1.36
EER	15.2	14.6	14.0	13.4	12.9	12.6	11.9	11.2	10.3	9.7	9.1	8.7	8.5	7.8	7.1	6.3	5.5	4.6

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITHNO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
	Liquid Valve & Compressor Suction Pressure																					
	17	22	27	32	37	42	47	52	57	62	67	Liq	Suct	Liq	Suct	Liq	Suct					
65	246	62	258	69	270	77	281	84	293	92	305	100	317	107	329	115	341	123	353	130	365	138
70	265	61	277	69	289	77	301	84	313	92	325	99	337	107	349	115	361	122	373	130	385	138
75	284	61	296	69	308	76	321	84	333	92	345	99	358	107	370	114	382	122	394	129	406	137
65	238	61	249	69	261	76	272	84	283	91	295	99	306	106	318	114	329	122	341	129	352	137
70	256	61	267	69	279	77	291	84	302	92	314	99	325	107	337	114	349	122	360	130	372	137
75	274	62	286	69	298	77	310	85	322	92	334	100	346	107	357	115	369	122	381	130	393	138
65	232	61	243	69	254	76	265	84	276	91	287	99	299	106	310	114	321	121	332	129	344	137
70	249	61	261	69	272	76	283	84	295	92	306	99	317	107	329	114	340	122	351	129	363	137
75	267	62	279	69	291	77	302	85	314	92	325	100	337	107	348	115	360	122	371	130	383	137

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140361A* / CA*F4860C6A*+TXV / MBR1600**.-1 HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.5	41.2	38.8	36.2	34.6	33.5	31.1	28.7	28.8	26.6	24.5	23.1	22.3	20.0	17.7	15.5	13.2	10.8
Delta T	38.4	36.3	34.2	31.9	30.5	29.6	27.5	25.3	25.4	23.5	21.6	20.4	19.6	17.6	15.6	13.6	11.6	9.5
KW	3.05	2.99	2.94	2.88	2.84	2.82	2.76	2.71	2.78	2.72	2.66	2.62	2.60	2.53	2.47	2.41	2.35	2.29
AMPS	13.8	12.8	12.0	11.3	10.9	10.7	10.1	9.6	9.2	8.9	8.4	8.3	8.2	7.8	7.3	6.9	6.4	5.8
COP	4.17	4.02	3.86	3.68	3.56	3.48	3.30	3.11	3.03	2.86	2.70	2.58	2.51	2.31	2.10	1.87	1.64	1.38
EER	14.3	13.8	13.2	12.6	12.2	11.9	11.3	10.6	10.4	9.8	9.2	8.8	8.6	7.9	7.2	6.4	5.6	4.7

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140361B* / AR*F374316B*

		Outdoor Ambient Temperature																
		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	41.5	39.3	37.0	34.6	33.0	32.0	29.7	27.4	24.9	23.0	21.2	20.0	19.3	17.3	15.3	13.4	11.4	9.3
Delta T	30.7	29.1	27.4	25.6	24.4	23.7	22.0	20.3	18.5	17.0	15.7	14.8	14.3	12.8	11.3	9.9	8.4	6.9
KW	2.96	2.90	2.85	2.79	2.76	2.74	2.69	2.64	2.93	2.86	2.80	2.76	2.74	2.68	2.61	2.55	2.49	2.43
AMPS	11.9	11.1	10.4	9.8	9.5	9.3	8.9	8.4	8.1	7.8	7.5	7.3	7.2	6.9	6.5	6.1	5.7	5.2
COP	4.11	3.96	3.80	3.62	3.49	3.41	3.23	3.04	2.49	2.35	2.21	2.12	2.06	1.89	1.72	1.53	1.34	1.13
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.0	10.4	8.5	8.0	7.6	7.2	7.0	6.5	5.9	5.2	4.6	3.8

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
		17	22	27	32	37	42	47	52	57	62	67											
		Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct								
1090	65	235	61	243	69	251	76	259	84	266	92	274	99	282	107	290	115	298	122	306	130	314	138
	70	253	61	261	69	269	76	276	84	284	91	292	99	300	107	308	114	316	122	323	130	331	137
	75	271	61	279	68	287	76	295	84	303	91	311	99	318	106	326	114	334	122	342	129	350	137
1250	65	227	61	235	68	242	76	250	83	257	91	265	98	273	106	280	114	288	121	296	129	303	136
	70	244	61	252	68	259	76	267	84	275	91	282	99	290	106	297	114	305	122	312	129	320	137
	75	262	61	270	69	277	77	285	84	293	92	300	99	308	107	315	115	323	122	330	130	338	137
1410	65	222	60	229	68	236	76	244	83	251	91	258	98	266	106	273	114	281	121	288	129	296	136
	70	238	61	246	68	253	76	260	84	268	91	275	99	283	106	290	114	297	122	305	129	312	137
	75	255	61	263	69	270	76	278	84	285	92	293	99	300	107	307	114	315	122	322	130	329	137

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140421A* / CA*F4860*6A* +TXV / MBR2000**-1

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	51.5	48.8	45.9	42.9	41.0	39.7	36.9	34.0	34.3	31.6	29.1	27.5	26.5	23.8	21.1	18.4	15.7	12.8
Delta T	34.1	32.3	30.4	28.4	27.1	26.3	24.4	22.5	22.7	20.9	19.3	18.2	17.5	15.7	13.9	12.1	10.4	8.5
KW	3.40	3.33	3.27	3.21	3.17	3.14	3.08	3.02	3.07	3.00	2.94	2.90	2.87	2.81	2.74	2.68	2.61	2.54
AMPS	15.2	14.1	13.2	12.4	12.0	11.8	11.1	10.6	10.1	9.7	9.2	9.0	8.9	8.5	7.9	7.5	6.9	6.3
COP	4.44	4.28	4.11	3.92	3.79	3.70	3.50	3.30	3.26	3.08	2.90	2.78	2.70	2.48	2.25	2.01	1.76	1.48
EER	15.2	14.6	14.0	13.4	12.9	12.6	12.0	11.3	11.2	10.5	9.9	9.5	9.2	8.5	7.7	6.9	6.0	5.1

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
		Liquid Valve & Compressor Suction Pressure																					
		Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct				
1180	65	245	62	254	69	263	76	272	84	281	91	290	98	299	105	308	113	317	120	326	127	336	134
	70	263	62	272	69	282	76	291	83	300	91	309	98	318	105	327	112	336	120	345	127	354	134
	75	282	61	292	69	301	76	310	83	319	90	328	98	338	105	347	112	356	119	365	126	374	134
1350	65	237	61	246	68	254	76	263	83	271	90	280	97	289	104	298	112	306	119	315	126	324	133
	70	255	62	263	69	272	76	281	83	290	90	298	98	307	105	316	112	325	119	333	126	342	134
	75	273	62	282	69	291	77	300	84	308	91	317	98	326	105	335	113	344	120	352	127	361	134
1520	65	231	61	239	68	248	76	256	83	265	90	273	97	282	104	290	112	299	119	307	126	316	133
	70	248	62	257	69	265	76	274	83	282	90	291	98	299	105	308	112	316	119	325	126	334	134
	75	266	62	275	69	283	76	292	84	301	91	309	98	318	105	326	112	335	120	344	127	352	134

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140481A* / CA*F4860*6A*+TXV / MBR2000** -1 HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.8	54.7	51.5	48.2	46.0	44.6	41.4	38.2	36.6	33.8	31.1	29.4	28.3	25.4	22.5	19.6	16.8	13.7
Delta T	34.5	32.7	30.8	28.8	27.5	26.6	24.7	22.8	21.9	20.2	18.6	17.6	16.9	15.2	13.4	11.7	10.0	8.2
KW	3.98	3.90	3.83	3.75	3.71	3.68	3.60	3.53	3.65	3.57	3.49	3.44	3.41	3.32	3.24	3.16	3.08	3.00
AMPS	19.4	17.6	16.1	14.8	14.1	13.7	12.7	11.7	11.0	10.3	9.5	9.2	9.0	8.3	7.4	6.6	5.7	4.6
COP	4.25	4.10	3.94	3.76	3.63	3.55	3.36	3.17	2.94	2.77	2.61	2.50	2.43	2.24	2.03	1.82	1.59	1.34
EER	14.5	14.0	13.5	12.8	12.4	12.1	11.5	10.8	10.0	9.5	8.9	8.5	8.3	7.6	6.9	6.2	5.4	4.6

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
		Liquid Valve & Compressor Suction Pressure						Suction Pressure															
		Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct										
1360	65	250	60	264	68	279	76	293	83	308	91	322	99	337	107	352	114	366	122	381	130	396	137
	70	269	60	284	68	298	76	313	83	328	91	343	99	358	106	373	114	388	122	403	129	418	137
	75	288	60	304	68	319	75	334	83	350	91	365	98	380	106	396	114	411	121	426	129	441	137
1550	65	242	60	256	68	269	75	283	83	297	90	311	98	326	106	340	113	354	121	368	128	382	136
	70	260	60	274	68	288	76	303	83	317	91	332	98	346	106	360	114	375	121	389	129	404	136
	75	278	61	293	68	308	76	323	84	338	91	353	99	367	107	382	114	397	122	411	129	426	137
1740	65	236	60	249	67	263	75	276	83	290	90	304	98	317	105	331	113	345	121	359	128	373	136
	70	253	60	267	68	281	75	295	83	309	91	323	98	337	106	351	114	365	121	379	129	394	136
	75	271	61	286	68	300	76	315	84	329	91	344	99	358	106	373	114	387	122	401	129	415	137

SPLIT SYSTEM HEATING PERFORMANCE

EXPANDED PERFORMANCE DATA

MODEL: SSZ140601A* / CA*F4860*6A*+TXV / MBR2000***-1

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	47.9	44.2	40.7	38.4	37.0	33.2	29.4	25.7	21.9	17.9
DELTA T	35.9	33.9	32.0	29.9	28.5	27.6	25.7	23.7	24.0	22.1	20.4	19.2	18.5	16.6	14.7	12.8	11.0	9.0
KW	4.83	4.74	4.64	4.54	4.48	4.44	4.35	4.25	4.42	4.32	4.21	4.15	4.11	4.00	3.90	3.80	3.69	3.59
AMPS	24.7	22.3	20.4	18.8	17.9	17.4	16.0	14.8	13.9	12.9	12.0	11.5	11.3	10.4	9.2	8.2	7.1	5.7
COP	4.34	4.19	4.03	3.85	3.72	3.64	3.45	3.26	3.17	2.99	2.83	2.71	2.63	2.43	2.21	1.98	1.74	1.46
EER	14.8	14.3	13.8	13.1	12.7	12.4	11.8	11.1	10.8	10.2	9.7	9.3	9.0	8.3	7.5	6.8	5.9	5.0

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

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

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE

Pressures shown are for most popular match indoor unit WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly. Liquid (small) service valve pressures should be ± 20 psig & suction (access port) pressures should be ± 5 psig of the values listed in this chart.

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																													
		17	22	27	32	37	42	47	52	57	62	67																			
1580	65	260	275	290	305	321	336	351	366	381	397	412	427	442	457	472	487	502	517	532	547	562	577	592	607	622	637	652	667		
	70	280	295	311	326	342	357	373	388	404	419	435	450	465	480	495	510	525	540	555	570	585	600	615	630	645	660	675	690	705	
	75	300	316	332	348	364	380	396	412	428	444	460	476	492	508	524	540	556	572	588	604	620	636	652	668	684	700	716	732	748	
1800	65	252	266	281	295	310	324	339	354	369	383	398	413	428	443	458	473	488	503	518	533	548	563	578	593	608	623	638	653	668	
	70	270	285	300	315	330	345	360	375	390	405	420	435	450	465	480	495	510	525	540	555	570	585	600	615	630	645	660	675	690	705
	75	290	305	321	336	352	367	383	398	414	429	445	460	476	491	507	522	538	553	569	584	600	615	631	646	662	677	693	708	724	739
2030	65	245	259	274	288	302	316	331	345	359	374	388	403	417	432	446	461	475	490	505	520	534	549	564	579	593	608	623	638	653	668
	70	263	278	293	307	322	337	351	366	380	395	410	424	439	454	469	483	498	513	528	543	558	573	588	603	618	633	648	663	678	693
	75	282	298	313	328	343	358	373	388	403	418	433	448	463	478	493	508	523	538	553	568	583	598	613	628	643	658	673	688	703	718

HEATING SPECIFICATIONS

Model: SSZ140181A* / CA*F3131*6A*+TXV / MBR800-1**
Conditions: 600 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	22.63	4.23	39.01	55.39	71.77	88.16
60	21.42	4.09	37.80	54.18	70.57	86.95
55	20.16	3.93	36.54	52.92	69.31	85.69
50	18.85	3.75	35.23	51.61	67.99	84.38
45	17.44	3.54	33.82	50.21	66.59	82.97
40	16.20	3.36	32.58	48.96	65.35	81.73
35	14.94	3.16	31.32	47.70	64.09	80.47
30	12.80	2.70	29.18	45.56	61.94	78.33
25	11.81	2.55	28.19	44.57	60.96	77.34
20	10.88	2.40	27.26	43.64	60.02	76.41
15	9.89	2.24	26.27	42.65	59.04	75.42
10	8.87	2.06	25.26	41.64	58.02	74.40
5	7.87	1.87	24.25	40.63	57.01	73.40
0	6.86	1.67	23.24	39.62	56.01	72.39
-5	5.85	1.47	22.24	38.62	55.00	71.38
-10	4.80	1.23	21.18	37.56	53.94	70.33

Model: SSZ140241A* / CA*F3636*6A*+TXV / MBR800-1**
Conditions: 850 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	30.17	4.24	46.55	62.93	79.32	95.70
60	28.56	4.09	44.94	61.32	77.71	94.09
55	26.88	3.93	43.26	59.64	76.03	92.41
50	25.13	3.74	41.51	57.89	74.28	90.66
45	23.26	3.54	39.64	56.02	72.40	88.79
40	21.60	3.35	37.98	54.36	70.75	87.13
35	19.92	3.16	36.30	52.68	69.07	85.45
30	17.93	2.81	34.31	50.70	67.08	83.46
25	16.55	2.65	32.93	49.32	65.70	82.08
20	15.24	2.50	31.62	48.01	64.39	80.77
15	13.86	2.33	30.24	46.62	63.01	79.39
10	12.43	2.14	28.82	45.20	61.58	77.96
5	11.02	1.94	27.41	43.79	60.17	76.55
0	9.61	1.73	26.00	42.38	58.76	75.14
-5	8.20	1.52	24.59	40.97	57.35	73.73
-10	6.72	1.28	23.10	39.49	55.87	72.25

Model: SSZ140301A* / CA*F3642*6A*+TXV / MBR1600-1**
Conditions: 1050 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	36.45	4.44	52.84	69.22	85.60	101.98
60	34.51	4.28	50.89	67.27	83.66	100.04
55	32.48	4.10	48.86	65.24	81.63	98.01
50	30.36	3.91	46.75	63.13	79.51	95.89
45	28.10	3.69	44.48	60.87	77.25	93.63
40	26.10	3.50	42.48	58.86	75.25	91.63
35	24.07	3.29	40.45	56.83	73.22	89.60
30	22.62	3.01	39.00	55.39	71.77	88.15
25	20.88	2.84	37.26	53.64	70.03	86.41
20	19.23	2.67	35.61	51.99	68.37	84.76
15	17.48	2.48	33.87	50.25	66.63	83.01
10	15.69	2.28	32.07	48.45	64.83	81.22
5	13.91	2.07	30.29	46.67	63.05	79.44
0	12.13	1.85	28.51	44.89	61.27	77.66
-5	10.35	1.62	26.73	43.11	59.50	75.88
-10	8.48	1.36	24.86	41.24	57.63	74.01

Model: SSZ140361A* / CA*F4860*6A*+TXV / MBR1600-1**
Conditions: 1050 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	43.49	4.17	59.87	76.26	92.64	109.02
60	41.17	4.02	57.56	73.94	90.32	106.70
55	38.75	3.86	55.13	71.52	87.90	104.28
50	36.23	3.68	52.61	68.99	85.37	101.76
45	33.53	3.48	49.91	66.29	82.67	99.06
40	31.14	3.30	47.52	63.90	80.29	96.67
35	28.72	3.11	45.10	61.48	77.87	94.25
30	28.82	3.03	45.20	61.58	77.97	94.35
25	26.60	2.86	42.98	59.36	75.75	92.13
20	24.49	2.70	40.88	57.26	73.64	90.02
15	22.27	2.51	38.66	55.04	71.42	87.80
10	19.98	2.31	36.37	52.75	69.13	85.51
5	17.72	2.10	34.10	50.48	66.86	83.25
0	15.45	1.87	31.83	48.22	64.60	80.98
-5	13.18	1.64	29.57	45.95	62.33	78.71
-10	10.80	1.38	27.18	43.57	59.95	76.33

*To obtain BTU capacity of unit with KW of auxiliary heat, multiply by 1000 (Example: 39.01 x 1000 = 39,010 BTU)

HEATING SPECIFICATIONS

Model: SSZ140421A* / CA*F4860*6A*+TXV / MBR2000-1**
Conditions: 1400 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	51.54	4.44	67.92	84.30	100.68	117.07
60	48.79	4.28	65.17	81.55	97.94	114.32
55	45.92	4.11	62.30	78.68	95.07	111.45
50	42.93	3.92	59.31	75.69	92.07	108.46
45	39.73	3.70	56.11	72.49	88.88	105.26
40	36.90	3.50	53.28	69.66	86.05	102.43
35	34.03	3.30	50.41	66.79	83.18	99.56
30	34.27	3.26	50.65	67.03	83.41	99.79
25	31.63	3.08	48.01	64.39	80.77	97.15
20	29.12	2.90	45.50	61.89	78.27	94.65
15	26.48	2.70	42.86	59.25	75.63	92.01
10	23.76	2.48	40.14	56.52	72.91	89.29
5	21.07	2.25	37.45	53.83	70.21	86.59
0	18.37	2.01	34.75	51.13	67.52	83.90
-5	15.68	1.76	32.06	48.44	64.82	81.20
-10	12.84	1.48	29.22	45.61	61.99	78.37

Model: SSZ140481A* / CA*F4860*6A*+TXV / MBR2000-1**
Conditions: 1550 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	57.82	4.25	74.20	90.59	106.97	123.35
60	54.74	4.10	71.12	87.50	103.89	120.27
55	51.52	3.94	67.90	84.28	100.67	117.05
50	48.16	3.76	64.54	80.93	97.31	113.69
45	44.57	3.55	60.96	77.34	93.72	110.10
40	41.40	3.36	57.78	74.16	90.55	106.93
35	38.18	3.17	54.56	70.94	87.33	103.71
30	36.62	2.94	53.00	69.38	85.76	102.15
25	33.80	2.77	50.18	66.56	82.94	99.32
20	31.12	2.61	47.50	63.89	80.27	96.65
15	28.30	2.43	44.68	61.06	77.45	93.83
10	25.39	2.24	41.77	58.16	74.54	90.92
5	22.51	2.03	38.89	55.28	71.66	88.04
0	19.63	1.82	36.01	52.40	68.78	85.16
-5	16.75	1.59	33.13	49.52	65.90	82.28
-10	13.72	1.34	30.11	46.49	62.87	79.25

Model: SSZ140601A* / CA*F4860*6A*+TXV / MBE2000-1**
Conditions: 1850 CFM Indoor Air @ 70°F DB

Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	71.65	4.34	88.03	104.41	120.80	137.18
60	67.83	4.19	84.21	100.59	116.98	133.36
55	63.84	4.03	80.22	96.60	112.99	129.37
50	59.68	3.85	76.06	92.44	108.83	125.21
45	55.23	3.64	71.62	88.00	104.38	120.76
40	51.30	3.45	67.68	84.06	100.45	116.83
35	47.31	3.26	63.69	80.07	96.46	112.84
30	47.86	3.17	64.24	80.63	97.01	113.39
25	44.17	2.99	60.56	76.94	93.32	109.70
20	40.68	2.83	57.06	73.44	89.83	106.21
15	36.99	2.63	53.37	69.76	86.14	102.52
10	33.19	2.43	49.57	65.95	82.34	98.72
5	29.42	2.21	45.81	62.19	78.57	94.95
0	25.66	1.98	42.04	58.42	74.81	91.19
-5	21.90	1.74	38.28	54.66	71.04	87.43
-10	17.94	1.46	34.32	50.70	67.09	83.47

*To obtain BTU capacity of unit with KW of auxiliary heat, multiply by 1000 (Example: 39.01 x 1000 = 39,010 BTU)

PERFORMANCE DATA

Model: SSZ140361B* / AR*F374316B*+TXV -1						
Conditions: 1250 CFM Indoor Air @ 70°F DB						
Outdoor Ambient °F.	Basic Unit without Auxiliary Heat		Capacity of Unit* With KW of Auxiliary heat			
	capacity btuh	c.o.p.	4.8	9.6	14.4	19.2
65	41.48	4.11	57.86	74.24	90.63	107.01
60	39.27	3.96	55.65	72.03	88.42	104.80
55	36.96	3.80	53.34	69.72	86.11	102.49
50	34.55	3.62	50.93	67.31	83.70	100.08
45	31.98	3.41	48.36	64.74	81.13	97.51
40	29.70	3.23	46.08	62.46	78.85	95.23
35	27.39	3.04	43.77	60.15	76.54	92.92
30	24.92	2.49	41.30	57.68	74.07	90.45
25	23.00	2.35	39.38	55.76	72.15	88.53
20	21.18	2.21	37.56	53.94	70.33	86.71
15	19.26	2.06	35.64	52.02	68.41	84.79
10	17.28	1.89	33.66	50.04	66.43	82.81
5	15.32	1.72	31.70	48.08	64.47	80.85
0	13.36	1.53	29.74	46.12	62.51	78.89
-5	11.40	1.34	27.78	44.16	60.55	76.93
-10	9.34	1.13	25.72	42.10	58.49	74.87

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 Heat Pump Specifications.

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 **7**

PSIG of the **HI PR** shown.

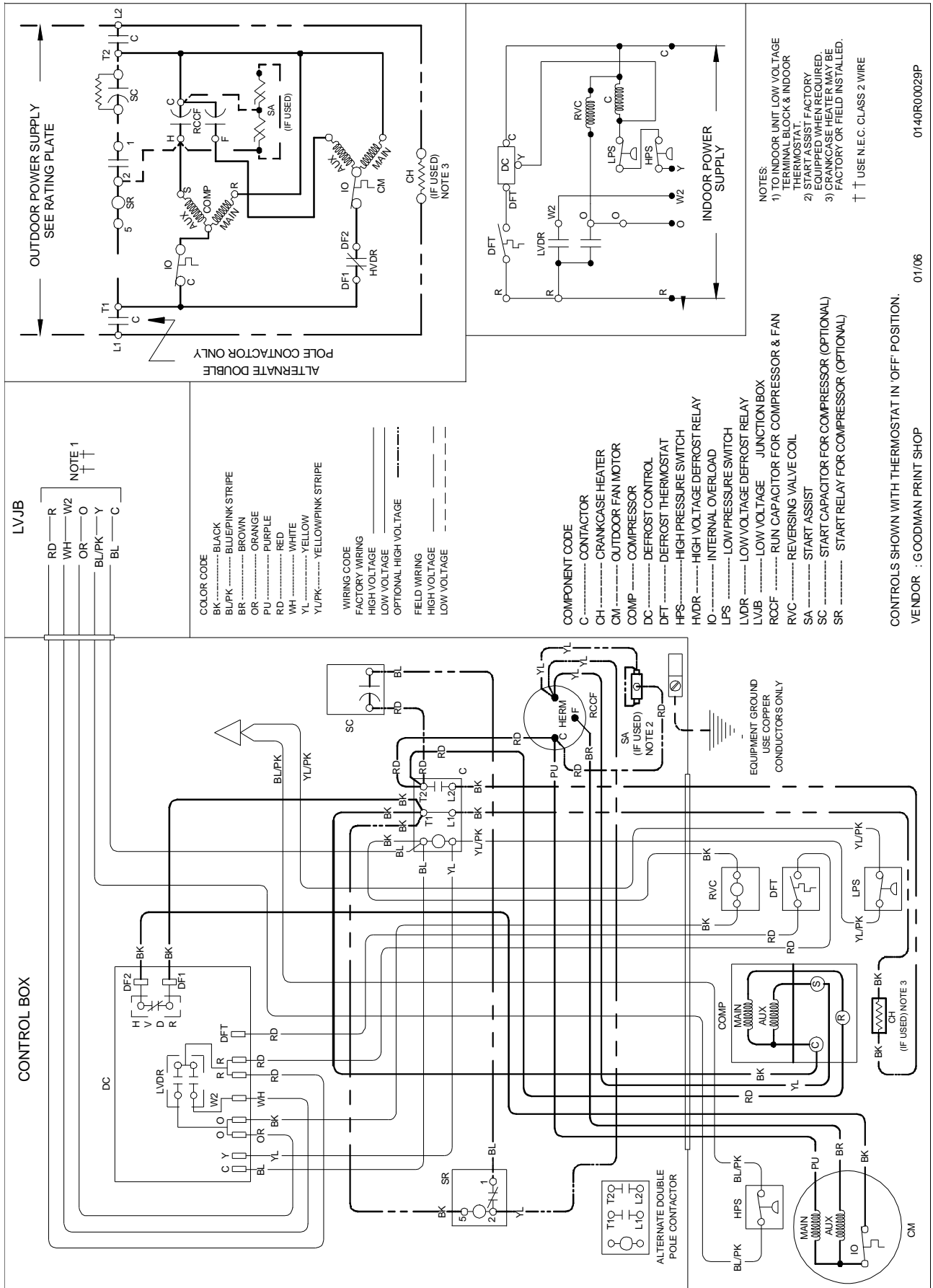
A properly operating unit should be within plus or minus **3 PSIG** of the **LO PR** shown.

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

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

WIRING DIAGRAMS

SSZ140[18,30,42-60]1AA-AE, 241AA-AH, 361AA-AG



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

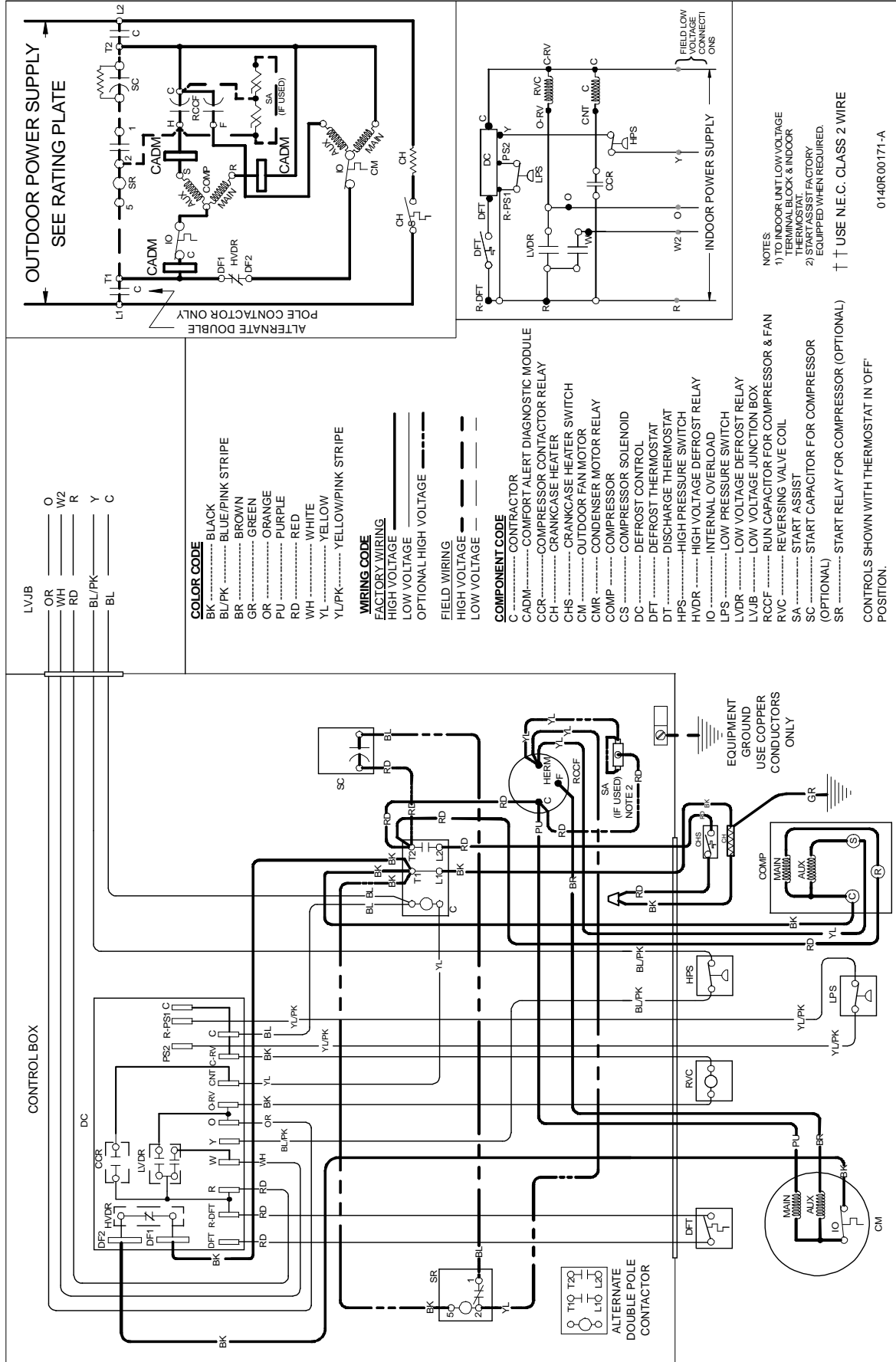
WIRING DIAGRAMS

SSZ140[18,30,42-60]1AF, 241AJ, 361AH

SSZ140361B*

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.



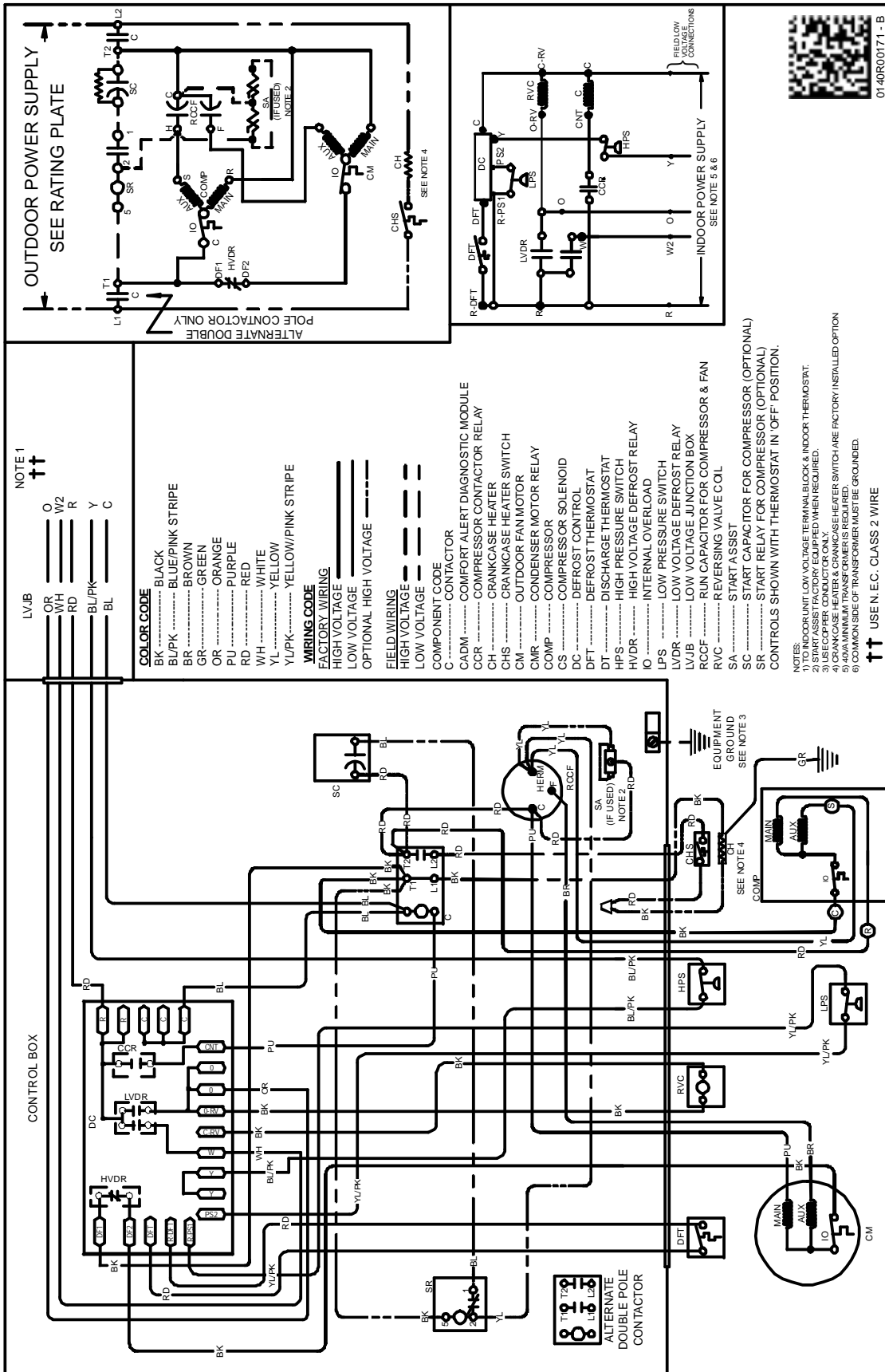
Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

SSZ140[18,30,42-60]1AG, 241AK, 361AH SSZ140361B*

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.



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