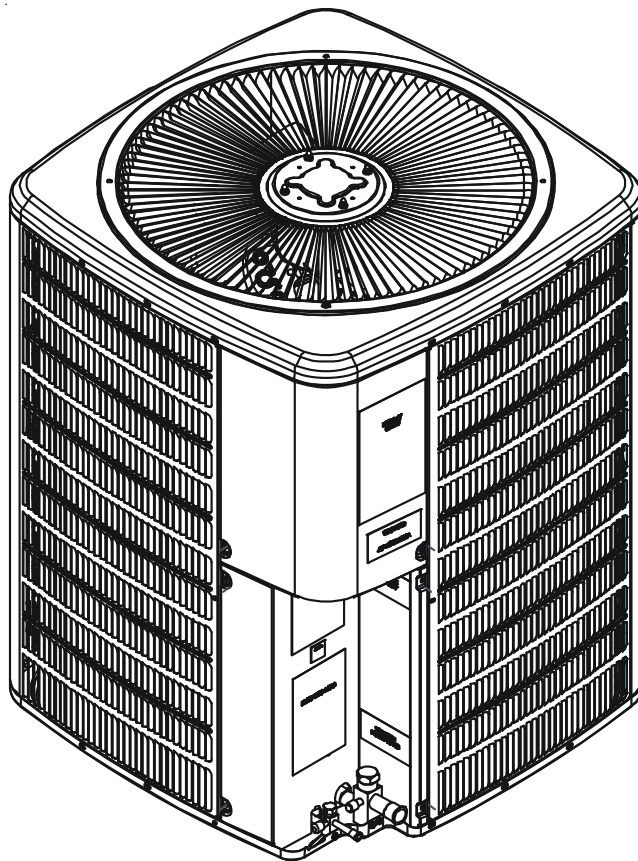




TECHNICAL MANUAL

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.

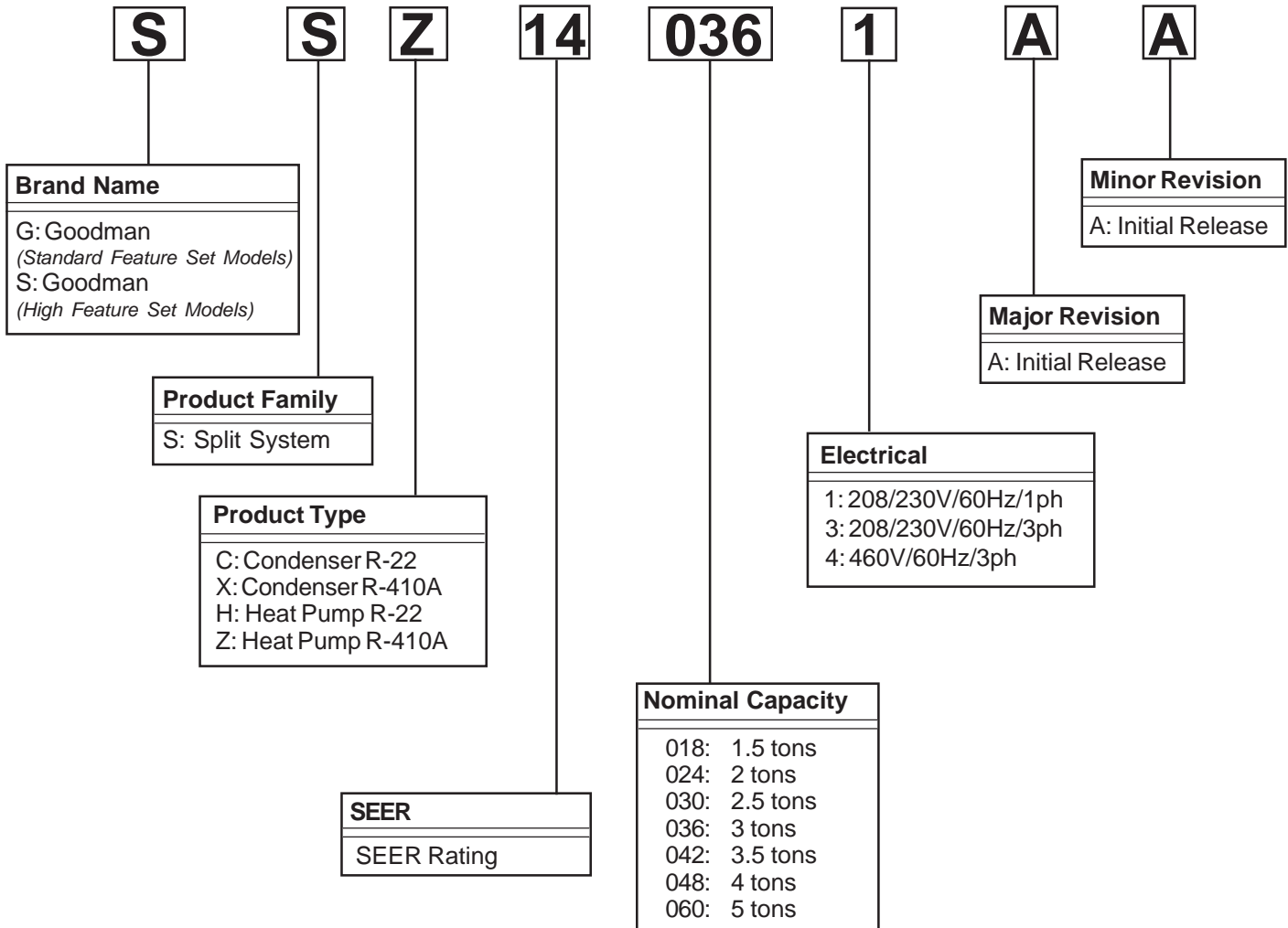


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6213005r8
April 2014

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*
SSZ140381A*
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.

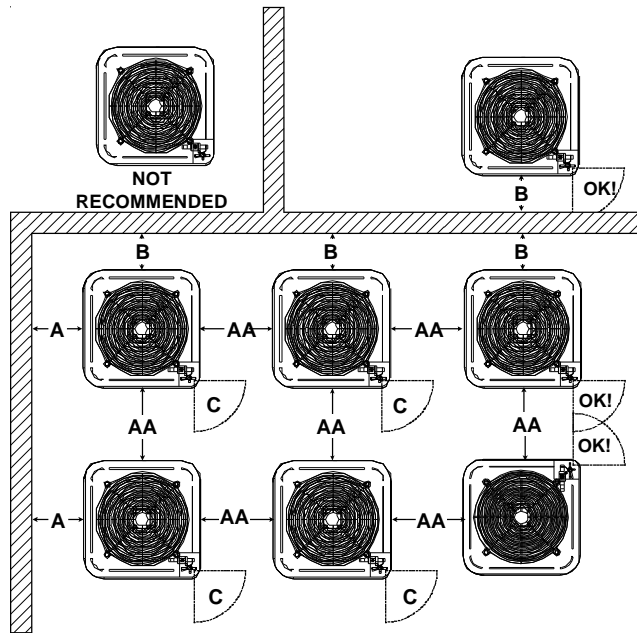
NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

"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"

Model	Dimensions - W x D x H
SSZ140181A*	29 x 29 x 34 1/4
SSZ140241A*	29 x 29 x 38 1/4
SSZ140301A*	29 x 29 x 38 1/4
SSZ140381A*	35 1/2 x 35 1/2 x 38 1/4
SSZ140361A*	35 1/2 x 35 1/2 x 38 1/4
SSZ140421A*	35 1/2 x 35 1/2 x 38 1/4
SSZ140481A*	35 1/2 x 35 1/2 x 38 1/4
SSZ140601A*	35 1/2 x 35 1/2 x 38 1/4
SSZ140361B*	29 x 29 x 38 1/4

⚠ 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.

HEAT PUMP SPECIFICATIONS

SSZ140[18,30, 38, 42, 48,60]1AA-AE; SSZ140241AA-AH; SSZ140361AA-AG

	SSZ140181AA-AE	SSZ140241AA-AH	SSZ140301AA-AE	SSZ140361AA-AG	SSZ1403681AA	SSZ140421AA-AE	SSZ140481AA-AE	SSZ140601AA-AE
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	38,000	42,000	48,000	60,000
Compressor								
R.L. Amps	8.97	12.82	14.10	16.67	14.10	17.95	19.87	26.41
L.R. Amps	48.0	58.3	73.0	79.0	77.0	112.0	109.0	130.0
Low Pressure Switch								
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch								
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor								
Horsepower	1/12	1/6	1/6	1/4	1/6	1/4	1/4	1/4
F.L. Amps	0.6	1.1	1.1	1.5	1.0	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"	3/8"
Suction Line, Inches O.D.*	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Refrigerant Charge	143.0	163.0	188.0	213.0	211.0	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	208/230-60-1
Minimum Circuit Ampacity ⁽¹⁾	11.80	17.10	18.73	22.40	18.60	24.00	26.40	34.60
Maximum Overcurrent Device ⁽²⁾	20	25	30	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	1/2 or 3/4
Approximate Shipping Weight	191	201	203	242	242	268	300	314

* 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	191	201	203	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	268	300	300	314

* 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	210

* 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	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	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	HIPR	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	-												
	HIPR	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	-											
		HIPR	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												
	HIPR	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											
		HIPR	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	HIPR	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 (TV A) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPs=outdoor unit amps (comp.+fan)

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	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	675	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	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	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	16	14.8	1.51	1.56	1.61	1.53	1.56	1.61	1.66	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	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	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	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	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	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	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	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	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	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	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	22	21	19	15	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	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	208	224	237	247	234	252	266	277	266	286	302	315	303	326	344	359	341	367	387	404	376	405	428	446	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	161																						
	675	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	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	24	24	23	20	25	24	23	20	24	24	23	20	24	24	24	23	20	22	23	23	20	21	21	18	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	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	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	386	407	425	396	426	450	469	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	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	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	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	21	23	23	22	19	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	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	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	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	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	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	20	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	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	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	362	344	370	391	408	380	409	432	451	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
	600	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	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	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	21	23	23	22	19	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	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	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	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	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	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	20	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	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	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	362	344	370	391	408	380	409	432	451	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

AMPS=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	-
		A/MPS	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	-
		HIPR	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	-
		A/MPS	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	-
		HIPR	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	-
		A/MPS	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	-
		HIPR	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
		A/MPS	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
		HIPR	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
		A/MPS	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
		HIPR	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	20	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
		A/MPS	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
		HIPR	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 A.CCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

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																								
		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
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
		S/T	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
		Delta T	22	21	18	15	23	21	19	15	22	21	19	15	22	21	19	15	21	21	18	15	19	20	17	14
		KW	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
		AMPS	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
	850	HI PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485
		LO PR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174
		MBh	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
		S/T	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	1.00	0.96	0.78	0.58	1.00	0.96	0.79	0.59
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
744	956	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	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
	850	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		DT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15
		KW	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
		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
		HI PR	217	234	247	258	244	263	277	289	278	299	315	329	316	340	359	375	356	383	404	422	393	423	447	466
LO PR	108	115	125	133	114	121	132	141	118	126	138	146	124	132	144	154	130	139	151	161	135	143	157	167		

85	956	MBh	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
		S/T	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	21	21	22	19	19	20	20	18
		KW	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
		AMPS	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
	850	HI PR	229	246	260	271	257	276	292	304	292	314	332	346	332	358	378	394	374	402	425	443	413	445	470	490
		LO PR	113	121	132	140	120	127	139	148	125	132	145	154	131	139	152	162	137	146	159	170	142	151	165	175
		MBh	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
		S/T	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
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	18
744	KW	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	
	AMPS	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	
	HI PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485	
	LO PR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	
	MBh	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	

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

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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	-
	S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-
	Delta T	17	15	11	-	17	15	11	-	18	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	-
	HIPR	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	-
919	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	-
	HIPR	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	-
	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
	HIPR	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
919	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
	HIPR	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	21	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
	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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1181	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
		S/T	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	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	
	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	
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		
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	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	
	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	
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		
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	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	1181	MBh	33.9	35.1	38.5	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	27.8	28.8	31.5	-	
		S/T	0.72	0.60	0.42	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	
		KW	2.34	2.39	2.46	-	2.66	2.72	2.80	-	2.79	2.85	2.94	-	2.90	2.96	3.06	-	3.00	3.06	3.16	-	3.00	3.06	3.16	-	
		AMPS	8.6	8.8	9.1	-	10.1	10.3	10.6	-	10.7	11.0	11.3	-	11.4	11.7	12.0	-	12.0	12.3	12.7	-	12.0	12.3	12.7	-	
		HIPR	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	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	26.9	27.9	30.6	-	
		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	18	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	HIPR	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	14	-	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	-		
919	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	-		
	HIPR	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	-		
	75	1181	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	21	19	16	11
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	
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	
1050		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	
		Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	21	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	
919	HIPR	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		
	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		

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

EXPANDED PERFORMANCE DATA

MODEL: SSZ140361A* / CA*F4860*6A*+TXV / MBR1600**-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	
80	1181	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
		LO PR	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
	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	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	
	HI PR	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	1181	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	22	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
		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	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
	HI PR	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	
	HI PR	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

SSZ140381A*

MODEL: SSZ140381A* - ASPT42C14A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

2/27/2014

IDB* Airflow	Outdoor Ambient Temperature												Cooling Operation											
	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	Entering Indoor Wet Bulb Temperature																							
	Net Cap																							
	S/T																							
	Delta T																							
	SystemKW																							
	OD amps																							
	H/PR																							
	LO PR																							
	Net Cap																							
	S/T																							
Delta T																								
SystemKW																								
OD amps																								
H/PR																								
LO PR																								
75	Entering Indoor Dry Bulb Temperature																							
	Net Cap																							
	S/T																							
	Delta T																							
	SystemKW																							
	OD amps																							
	H/PR																							
	LO PR																							
	Net Cap																							
	S/T																							
Delta T																								
SystemKW																								
OD amps																								
H/PR																								
LO PR																								
1050	Entering Indoor Wet Bulb Temperature																							
	Net Cap																							
	S/T																							
	Delta T																							
	SystemKW																							
	OD amps																							
	H/PR																							
	LO PR																							
	Net Cap																							
	S/T																							
Delta T																								
SystemKW																								
OD amps																								
H/PR																								
LO PR																								
1175	Entering Indoor Dry Bulb Temperature																							
	Net Cap																							
	S/T																							
	Delta T																							
	SystemKW																							
	OD amps																							
	H/PR																							
	LO PR																							
	Net Cap																							
	S/T																							
Delta T																								
SystemKW																								
OD amps																								
H/PR																								
LO PR																								
1350	Entering Indoor Dry Bulb Temperature																							
	Net Cap																							
	S/T																							
	Delta T																							
	SystemKW																							
	OD amps																							
	H/PR																							
	LO PR																							
	Net Cap																							
	S/T																							
Delta T																								
SystemKW																								
OD amps																								
H/PR																								
LO PR																								

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACOA (TVA) conditions

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

COOLING PERFORMANCE DATA

SSZ140421A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ140421A* / CA*F4860*6A**+TXV / MBR2000***-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
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	-					
		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	-					
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-					
		AMPS	9.7	9.9	10.2	-	10.4	10.6	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	-					
	1400	HI PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	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	-					
		MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-					
		S/T	0.74	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	-					
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-						
	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	-						
	HI PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	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	-						
	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	-						
1225	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	-						
	Delta T	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	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	-						
	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	-						
	HI PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-						
LO PR	103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	129	137	150	-							

75	1575	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0	
		S/T	0.88	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	
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21
		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	
		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	
	1400	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	
		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	
		MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9	
		S/T	0.84	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	
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22
1225	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		
	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		
	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		
	LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166		
	MBh	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		
1225	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		
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	22	20	16	11	22	
	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		
	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		
	HI PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	371	392	409	381	410	433	452		
LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161			

Shaded area is ACCA (TV A) 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

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: SSZ140421A* / CA*F4860*6A*+TXV / MBR2000**-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	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					
		S/T	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.63					
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	21	19	15	19	20	18	14					
		KW	2.69	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.21	3.31	3.20	3.27	3.37	3.47	3.33	3.40	3.50	3.61	3.44	3.51	3.62	3.73					
		AMPS	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2					
	1400	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	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169					
		MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6					
		S/T	0.92	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					
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15					
1225	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						
	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						
	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						
	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						
	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	1575	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		S/T	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	0.78	1.00	1.00	0.81	0.81	1.00	1.00	0.81	0.82
		Delta T	24	24	23	20	24	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	20	20	21	18
		KW	2.71	2.77	2.85	2.93	2.91	2.96	3.05	3.15	3.08	3.14	3.23	3.33	3.23	3.29	3.39	3.50	3.35	3.42	3.53	3.64	3.46	3.54	3.65	3.76
		AMPS	9.9	10.2	10.5	10.9	10.7	11.0	11.3	11.7	11.6	11.9	12.3	12.7	12.4	12.7	13.1	13.6	13.2	13.5	13.9	14.5	13.9	14.3	14.8	15.3
	1400	HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	434	405	436	460	480
		LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171
		MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
		Delta T	25	25	24	20	26	25	24	21	25	25	24	21	24	25	24	21	23	24	24	21	22	22	22	19
1225	KW	2.69	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.21	3.31	3.20	3.27	3.37	3.47	3.33	3.40	3.50	3.61	3.44	3.51	3.62	3.73	
	AMPS	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2	
	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	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	
	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5	

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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140481A* / 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																			
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	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.76	0.64	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	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-	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	-	3.69	3.77	3.88	-	3.81	3.89	4.01	-	3.69	3.77	3.88	-	3.81	3.89	4.01	-	3.69	3.77	3.88	-	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	-	9.5	9.8	10.3	-	10.3	10.7	11.2	-	9.5	9.8	10.3	-	10.3	10.7	11.2	-	9.5	9.8	10.3	-	10.3	10.7	11.2	-
		HI PR	217	233	247	-	243	262	277	-	277	298	315	-	315	339	358	-	355	382	403	-	392	422	445	-	355	382	403	-	392	422	445	-	355	382	403	-	392	422	445	-	355	382	403	-	392	422	445	-
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	122	130	142	-	132	141	154	-	122	130	142	-	132	141	154	-	122	130	142	-	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	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		S/T	0.73	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	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.83	0.69	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	-	19	17	13	-	18	15	12	-	19	16	12	-	18	15	12	-	19	16	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	-	3.66	3.74	3.85	-	3.78	3.86	3.98	-	3.66	3.74	3.85	-	3.78	3.86	3.98	-	3.66	3.74	3.85	-	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	-	9.3	9.7	10.2	-	10.2	10.5	11.0	-	9.3	9.7	10.2	-	10.2	10.5	11.0	-	9.3	9.7	10.2	-	10.2	10.5	11.0	-		
HI PR	215	231	244	-	241	259	274	-	274	295	311	-	312	336	355	-	351	378	399	-	388	418	441	-	351	378	399	-	388	418	441	-	351	378	399	-	388	418	441	-	351	378	399	-	388	418	441	-		
LO PR	105	112	122	-	111	118	129	-	115	122	134	-	121	129	140	-	127	135	147	-	131	139	152	-	121	129	140	-	131	139	152	-	121	129	140	-	131	139	152	-	121	129	140	-	131	139	152	-		
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	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-		
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	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.80	0.67	0.46	-	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	-	20	17	13	-	18	16	12	-	20	17	13	-	18	16	12	-	20	17	13	-	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	-	3.44	3.51	3.62	-	3.57	3.65	3.76	-	3.44	3.51	3.62	-	3.57	3.65	3.76	-	3.44	3.51	3.62	-	3.57	3.65	3.76	-		
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	-	8.1	8.4	8.9	-	9.7	10.1	10.6	-	8.1	8.4	8.9	-	9.7	10.1	10.6	-	8.1	8.4	8.9	-	9.7	10.1	10.6	-		
HI PR	208	224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	376	405	428	-	303	326	344	-	341	367	387	-	303	326	344	-	341	367	387	-	303	326	344	-	341	367	387	-		
LO PR	102	108	118	-	107	114	125	-	112	119	130	-	117	125	136	-	123	131	143	-	127	135	148	-	117	125	136	-	123	131	143	-	117	125	136	-	123	131	143	-	117	125	136	-	123	131	143	-		

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	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9				
		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	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	0.99	0.88	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	20	16	11	21	20	18	15	10	21	20	16	11	21	20	18	15	10	21	20	16	11	21	20	18	15	10	21	20	16	11	21	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	3.58	3.76	3.88	3.76	3.88	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18	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	10.0	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9				
		HI PR	219	236	249	260	246	265	279	291	280	301	318	331	319	343	362	378	358	386	407	425	396	426	450	469	358	386	407	425	396	426	450	469	358	386	407	425	396	426	450	469	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	129	138	150	160	134	142	155	165	129	138	150	160	134	142	155	165	129	138	150	160	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	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5				
		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	0.94																											

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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
80	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	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	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	20	16	20	20	21	18	20	20	21	18
	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	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	10.6	11.0	11.5	12.1
	HI PR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474	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	135	144	157	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	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	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	16	24	23	20	16	22	22	22	19	22	22	22	19
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	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	10.4	10.8	11.3	11.9
	HI PR	219	236	249	260	246	265	279	291	280	301	318	332	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	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	34.2	35.0	37.4	39.9
	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	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	22	19	23	22	22	19
	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	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	10.0	10.4	10.9	11.5
	HI PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	413	436	455	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	130	138	151	160	

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	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	0.81	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	20	20	21	22	19	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	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	10.7	11.1	11.6	12.3
	HI PR	224	241	254	265	251	270	285	297	285	307	324	338	325	350	369	385	366	393	415	433	404	435	459	479	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	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	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	0.95	0.77	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	23	23	20	22	23	23	20
1550	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	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	10.6	11.0	11.5	12.1
	HI PR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474	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	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	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	0.92	0.74	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	21	24	24	24	20	24	24	24	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	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	10.2	10.5	11.0	11.6
	HI PR	215	231	244	254	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	417	441	460	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	131	139	152	162	

Shaded area is A RI 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

		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
70	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	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	KW	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	-
	AMPS	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	-
	HIPR	219	236	249	-	246	264	279	-	279	301	318	-	318	343	362	-	358	385	407	-	396	426	450	-
	LO PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	132	145	-	129	137	150	-
	MBh	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	-
	S/T	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	-
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
1850	KW	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	-
	AMPS	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	-
	HIPR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	355	382	403	-	392	422	445	-
	LO PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-
	MBh	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	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	KW	3.51	3.58	3.70	-	3.78	3.86	3.99	-	4.02	4.11	4.24	-	4.23	4.33	4.47	-	4.41	4.51	4.66	-	4.57	4.67	4.83	-
	AMPS	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	-
	HIPR	210	226	239	-	236	254	268	-	268	289	305	-	306	329	347	-	344	370	391	-	380	409	432	-
LO PR	99	105	115	-	105	111	121	-	109	116	126	-	114	121	133	-	120	127	139	-	124	132	144	-	
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
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	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
	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
	HIPR	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	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
	S/T	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
	Delta T	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
75	KW	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
	AMPS	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
	HIPR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	385	407	425	396	426	450	469
	LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159
	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
	S/T	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
	Delta T	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	KW	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
	AMPS	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
	HIPR	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	

Shaded area is ACCA (TV A) conditions

IDB: Entering Indoor Dry Bulb Temperature

KW=Total system power

AMPS=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	59	63	67	71	75	79																			
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	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	1.00	0.80	0.60	1.00	1.00	0.81	0.61	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	24	23	20	16	22	22	23	20	16	21	21	18	15	23	22	20	16	24	23	20	16	24	23	20	16	24	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	4.45	4.55	4.71	4.87	4.64	4.64	4.75	4.91	5.08	4.81	4.81	4.92	5.09	5.26	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	4.45	4.55	4.71	4.87	4.64	4.64	4.75	4.91	5.08	4.81	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	11.4	11.9	12.5	13.2	12.6	12.6	13.0	13.7	14.5	13.7	14.2	14.9	15.7	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	11.4	11.9	12.5	13.2	12.6	12.6	13.0	13.7	14.5	13.7	14.2	14.9	15.7		
		HIPR	223	240	254	265	251	270	285	297	285	307	324	338	325	325	350	369	385	365	365	393	415	433	404	434	459	479	223	240	254	265	251	270	285	297	285	307	324	338	325	325	350	369	385	365	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	161	127	127	135	148	157	131	140	153	163	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	161	127	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	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2	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	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	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	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	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	25	24	21	17	24	24	24	20	16	23	22	19	15	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			
		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	4.42	4.52	4.67	4.82	4.61	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.22	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	4.42	4.52	4.67	4.82	4.61	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	11.3	11.7	12.3	13.0	12.4	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5	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	11.3	11.7	12.3	13.0	12.4	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5				
HIPR	221	238	251	262	248	267	282	294	282	304	321	335	322	322	346	365	381	362	362	389	411	429	400	430	454	474	221	238	251	262	248	267	282	294	282	304	321	335	322	322	346	365	381	362	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	159	126	126	134	146	156	130	138	151	161	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	159	126	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	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1	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	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1						
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56						
Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	25	24	21	17	25	25	24	21	17	23	22	19	16	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	3.57	3.64	3.76	3.88	3.84	3.93	4.06	4.19	4.09	4.18	4.32	4.46	4.31	4.30	4.40	4.55	4.70	4.49	4.49	4.59	4.74	4.90	4.65	4.75	4.91	5.08	3.57	3.64	3.76	3.88	3.84	3.93	4.06	4.19	4.09	4.18	4.32	4.46	4.31	4.30	4.40	4.55	4.70	4.49	4.49	4.59	4.74	4.90	4.65	4.75	4.91	5.08				
AMPS	7.3	7.6	8.1	8.6	8.4	8.8	9.3	9.9	9.7	10.1	10.6	11.3	10.8	11.2	11.8	12.5	11.9	11.9	12.3	13.0	13.7	13.0	13.4	14.1	14.9	7.3	7.6	8.1	8.6	8.4	8.8	9.3	9.9	9.7	10.1	10.6	11.3	10.8	11.2	11.8	12.5	11.9	11.9	12.3	13.0	13.7	13.0	13.4	14.1	14.9						
HIPR	215	231	244	254	241	259	274	285	274	295	311	325	312	312	336	354	370	351	351	378	399	416	388	417	441	460	215	231	244	254	241	259	274	285	274	295	311	325	312	312	336	354	370	351	351	378	399	416	388	417	441	460				
LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	154	122	122	130	142	151	126	134	147	156	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	154	122	122	130	142	151	126	134	147	156				

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	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	1.00	0.96	0.78	1.00	1.00	0.97	0.79	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	24	21	23	23	23	20	21	21	22	19	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	4.49	4.59	4.75	4.91	4.68	4.68	4.79	4.95	5.12	4.85	4.96	5.13	5.31	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	4.49	4.59	4.75	4.91	4.68	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	12.8	13.2	13.9	14.7	13.9	14.4	15.1	15.9	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	12.8	13.2	13.9	14.7	13.9	14.4	15.1	15.9		
		HIPR	226	243	256	268	253	273	288	300	2																																											

COOLING PERFORMANCE DATA

SSZ140361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140361B* / AR*F374316B*

IDB	Airflow	Outdoor Ambient Temperature																									
		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	1090	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-	
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
		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	-	
		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	-	
		HI PR	223	240	254	-	251	270	285	-	285	307	324	-	325	349	369	-	365	393	415	-	403	434	468	-	
		LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	136	144	157	-	
		MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-	
		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	-	0.86	0.71	0.49	-	0.86	0.72	0.50	-	
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
70	1250	KW	2.32	2.36	2.43	-	2.48	2.52	2.59	-	2.61	2.66	2.74	-	2.74	2.79	2.87	-	2.84	2.90	2.98	-	2.93	2.99	3.08	-	
		AMPS	8.5	8.7	8.9	-	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	11.9	12.3	-	
		HI PR	230	248	262	-	258	278	294	-	294	316	334	-	335	360	380	-	376	405	428	-	416	448	473	-	
		LO PR	111	119	129	-	118	125	137	-	122	130	142	-	129	137	149	-	135	143	156	-	139	148	162	-	
		MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-	
		S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.76	0.52	-	
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
		KW	2.34	2.38	2.45	-	2.49	2.54	2.61	-	2.63	2.68	2.76	-	2.76	2.81	2.89	-	2.86	2.92	3.00	-	2.95	3.01	3.10	-	
		AMPS	8.5	8.7	9.0	-	9.2	9.4	9.7	-	9.9	10.1	10.4	-	10.5	10.8	11.1	-	11.2	11.4	11.8	-	11.8	12.1	12.4	-	
		HI PR	233	250	264	-	261	281	296	-	297	319	337	-	338	364	384	-	380	409	432	-	420	452	477	-	
LO PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	163	-			
75	1090	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6	
		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	0.95	0.85	0.64	0.41	
		Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11	
		KW	2.29	2.33	2.39	2.46	2.44	2.49	2.56	2.63	2.68	2.58	2.63	2.70	2.78	2.69	2.75	2.83	2.91	2.80	2.85	2.94	3.03	2.88	2.94	3.03	3.12
		AMPS	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.6	9.9	10.2	10.5	10.3	10.5	10.8	11.2	11.2	10.9	11.1	11.5	11.9	11.5	11.7	12.1	12.5
		HI PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	373	389	369	369	397	419	437	408	439	463	483
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169	
		MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	41.5	32.4	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.91	0.81	0.61	0.40	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	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	
75	1250	KW	2.34	2.38	2.45	2.52	2.49	2.54	2.61	2.69	2.63	2.68	2.76	2.84	2.76	2.81	2.89	2.98	2.86	2.92	3.01	3.10	2.95	3.01	3.10	3.20	
		AMPS	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.4	11.8	12.2	11.8	12.1	12.4	12.9	
		HI PR	233	250	264	276	261	281	297	309	297	319	337	352	338	364	384	401	380	409	432	451	420	452	477	498	
		LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174	
		MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	42.4	33.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		S/T	0.90	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	0.70	0.45	
		Delta T	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	20	18	15	10	
		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	236	253	267	278	264	284	300	312	300	323	341	355	341	367	388	405	384	413	436	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	151	165	176			

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

SSZ140361B*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ140361B* / AR*F374316B*

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	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
80	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	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
		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		

IDB*	Airflow	Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	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
85	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	1.00	0.83	1.00	1.00	1.00	0.83
		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
		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		

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: SSZ140381A* - ASPT42C14A* Conditions: 80° IDB, 67° IWB @ 1175 CFM				
Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	35,280	25,632	9,648	2,686
80°	34,860	25,645	9,215	2,686
85°	34,440	25,658	8,782	2,687
90°	34,020	25,748	8,272	2,687
95°	33,600	25,838	7,762	2,688
100°	32,760	25,658	7,102	2,688
105°	31,920	25,477	6,443	2,689
110°	30,744	24,637	6,107	2,689
115°	29,568	23,797	5,771	2,690
TVA Conditions @ 95° ODB, 75° IDB, 63° ID WB				
95°	31,135	25,580	5,555	2,687

PERFORMANCE DATA

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)																					
		Liquid Valve & Compressor Suction Pressure																					
		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	65	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	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 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 Return Air Dry Bulb Temperature (°F)	Outdoor Air Dry Bulb Temperature (°F)																					
	17	22	27	32	37	42	47	52	57	62	67											
	Liquid Valve & Compressor Suction Pressure																					
Indoor Air Flow Rate	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct				
880	246	62	258	69	270	77	281	84	293	92	305	100	317	107	329	115	341	123	353	130	365	138
	265	61	277	69	289	77	301	84	313	92	325	99	337	107	349	115	361	122	373	130	385	138
	284	61	296	69	308	76	321	84	333	92	345	99	358	107	370	114	382	122	394	129	406	137
1000	238	61	249	69	261	76	272	84	283	91	295	99	306	106	318	114	329	122	341	129	352	137
	256	61	267	69	279	77	291	84	302	92	314	99	325	107	337	114	349	122	360	130	372	137
	274	62	286	69	298	77	310	85	322	92	334	100	346	107	357	115	369	122	381	130	393	138
1130	232	61	243	69	254	76	265	84	276	91	287	99	299	106	310	114	321	121	332	129	344	137
	249	61	261	69	272	76	283	84	295	92	306	99	317	107	329	114	340	122	351	129	363	137
	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	-10
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	Liquid Valve & Compressor Suction Pressure										
		Liq	Suct	Liq	Suct	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: SSZ140381A* - ASPT42C14A*

HEATING OPERATION

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	34.0	32.9	30.6	28.2	25.7	23.7	21.8	20.6	19.8	17.8	15.8	13.8	11.7	9.6
T/R	33.7	31.9	30.0	28.1	26.8	26.0	24.1	22.2	20.2	18.7	17.2	16.2	15.6	14.0	12.4	10.8	9.3	7.6
KW	2.46	2.40	2.35	2.29	2.25	2.23	2.17	2.11	2.10	2.04	1.98	1.94	1.92	1.86	1.80	1.74	1.68	1.62
AMPS	13.4	12.3	11.5	10.7	10.3	10.1	9.5	8.9	8.5	8.1	7.7	7.4	7.3	6.9	6.4	5.9	5.4	4.8
COP	4.57	4.42	4.26	4.07	3.94	3.86	3.66	3.46	3.17	3.00	2.84	2.72	2.65	2.44	2.23	2.00	1.76	1.48

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

	Outdoor Ambient Temperature											HEATING OPERATION						
	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)																																
		17			22			27			32			37			42			47			52			57			62			67		
		Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li	Liq	Suct	Li			
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)																					
		17	22	27	32	37	42	47	52	57	62	67											
		Liquid Valve & Compressor Suction Pressure																					
		Liq	Suct	Liq	Suct	Liq	Suct	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)																					
		Liquid Valve & Compressor Suction Pressure																					
		17	22	27	32	37	42	47	52	57	62	67	Liq	Suct	Liq	Suct	Liq	Suct	Liq	Suct			
1580	65	260	58	275	65	290	72	305	80	321	87	336	94	351	102	366	109	381	117	397	124	412	131
	70	280	57	295	65	311	72	326	79	342	87	357	94	373	101	388	109	404	116	419	124	435	131
	75	300	57	316	65	332	72	348	79	364	86	380	94	396	101	412	108	428	116	443	123	459	131
1800	65	252	57	266	64	281	72	295	79	310	86	324	94	339	101	354	108	369	115	383	123	398	130
	70	270	57	285	65	300	72	315	79	330	87	345	94	360	101	375	109	390	116	405	123	420	130
	75	290	58	305	65	321	72	336	80	352	87	367	94	383	102	398	109	413	116	428	124	444	131
2030	65	245	57	259	64	274	72	288	79	302	86	316	93	331	101	345	108	359	115	374	123	388	130
	70	263	57	278	65	293	72	307	79	322	87	337	94	351	101	366	108	380	116	395	123	410	130
	75	282	58	298	65	313	72	328	80	343	87	358	94	373	102	388	109	403	116	418	124	432	131

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: SSZ140381A* - ASPT42C14A*
Conditions: 1175 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.	48	96	14.4	19.2	24	28.8
65	42.74	4.57	59.12	75.49	91.87	108.25	124.63	141.00
60	40.46	4.42	56.84	73.22	89.59	105.97	122.35	138.73
55	38.08	4.26	54.46	70.84	87.21	103.59	119.97	136.35
50	35.60	4.07	51.98	68.35	84.73	101.11	117.49	133.86
45	32.95	3.86	49.32	65.70	82.08	98.46	114.83	131.21
40	30.60	3.66	46.98	63.36	79.73	96.11	112.49	128.87
35	28.22	3.46	44.60	60.98	77.35	93.73	110.11	126.49
30	25.67	3.17	42.05	58.42	74.80	91.18	107.56	123.98
25	23.69	3.00	40.07	56.45	72.82	89.20	105.58	121.96
20	21.82	2.84	38.19	54.57	70.95	87.33	103.70	120.08
15	19.84	2.65	36.22	52.59	68.97	85.35	101.73	118.10
10	17.80	2.44	34.18	50.55	66.93	83.31	99.69	116.06
5	15.78	2.23	32.16	48.53	64.91	81.29	97.67	114.05
0	13.76	2.00	30.14	46.52	62.89	79.27	95.65	112.03
-5	11.74	1.76	28.12	44.50	60.87	77.25	93.63	110.01
-10	9.62	1.48	26.00	42.38	58.75	75.13	91.51	107.89

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.

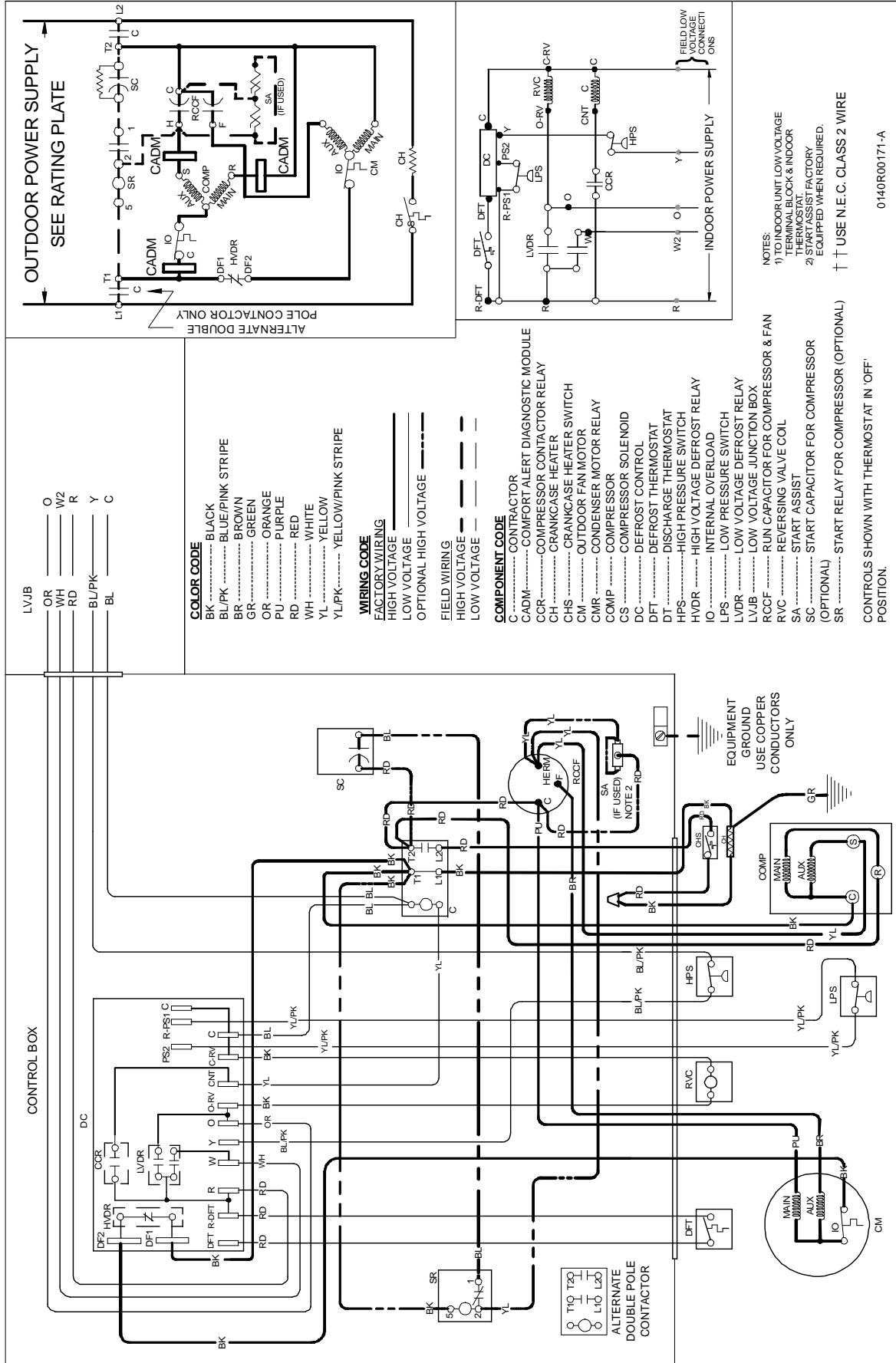
NOTE: Pressures are measured at the liquid and suction service valve ports.

WIRING DIAGRAMS

SSZ140[18,30,42-60]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.



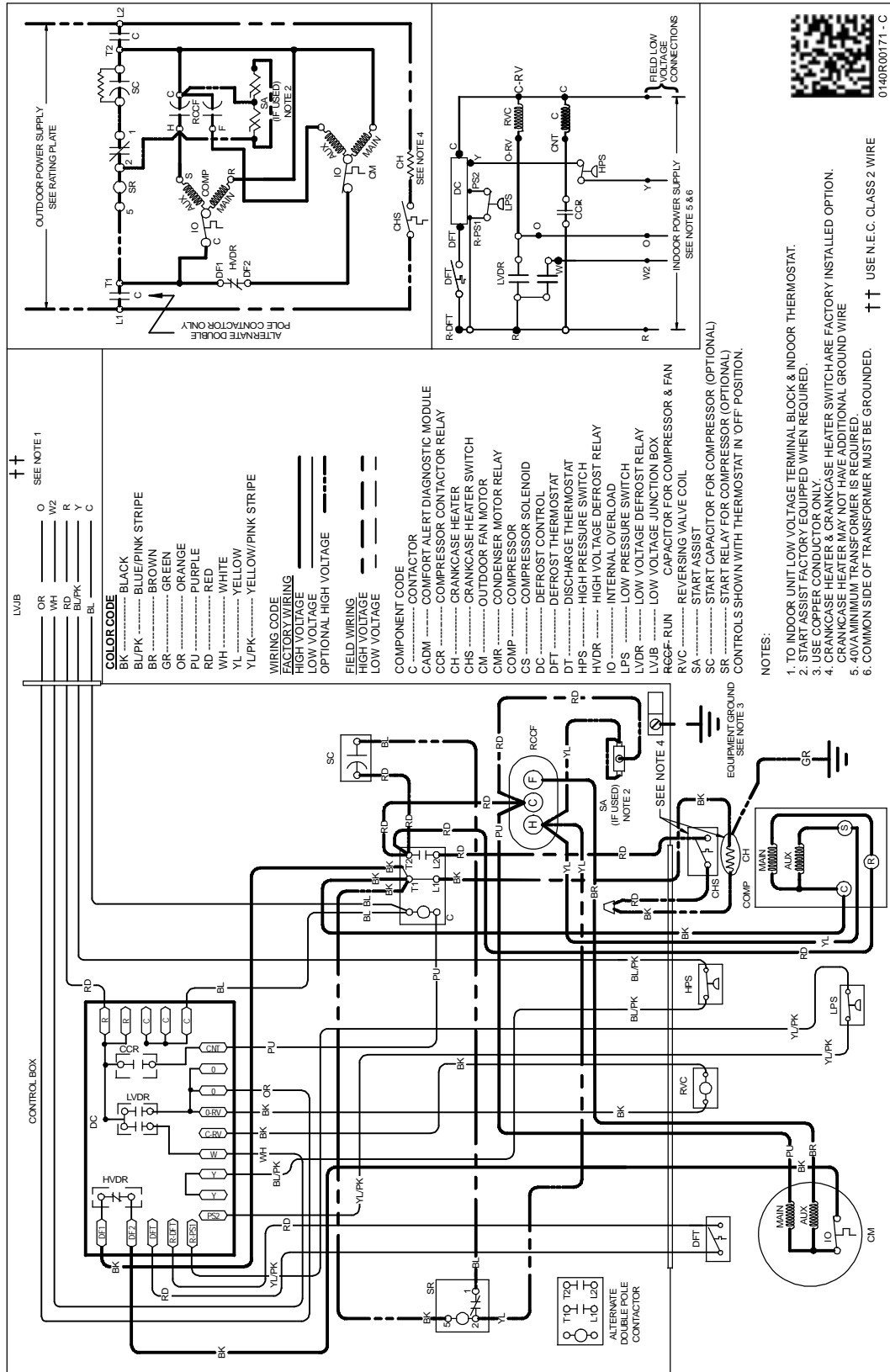
Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

SSZ140381AA, 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.