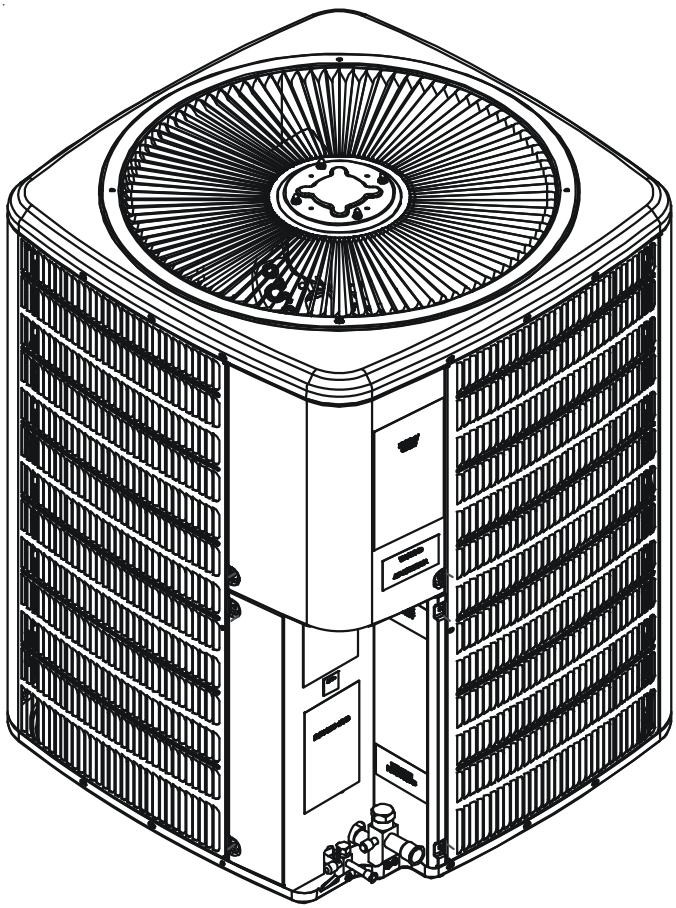
TECHNICAL MANUAL

SSZ 16 SEER
Split System Heat Pumps

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

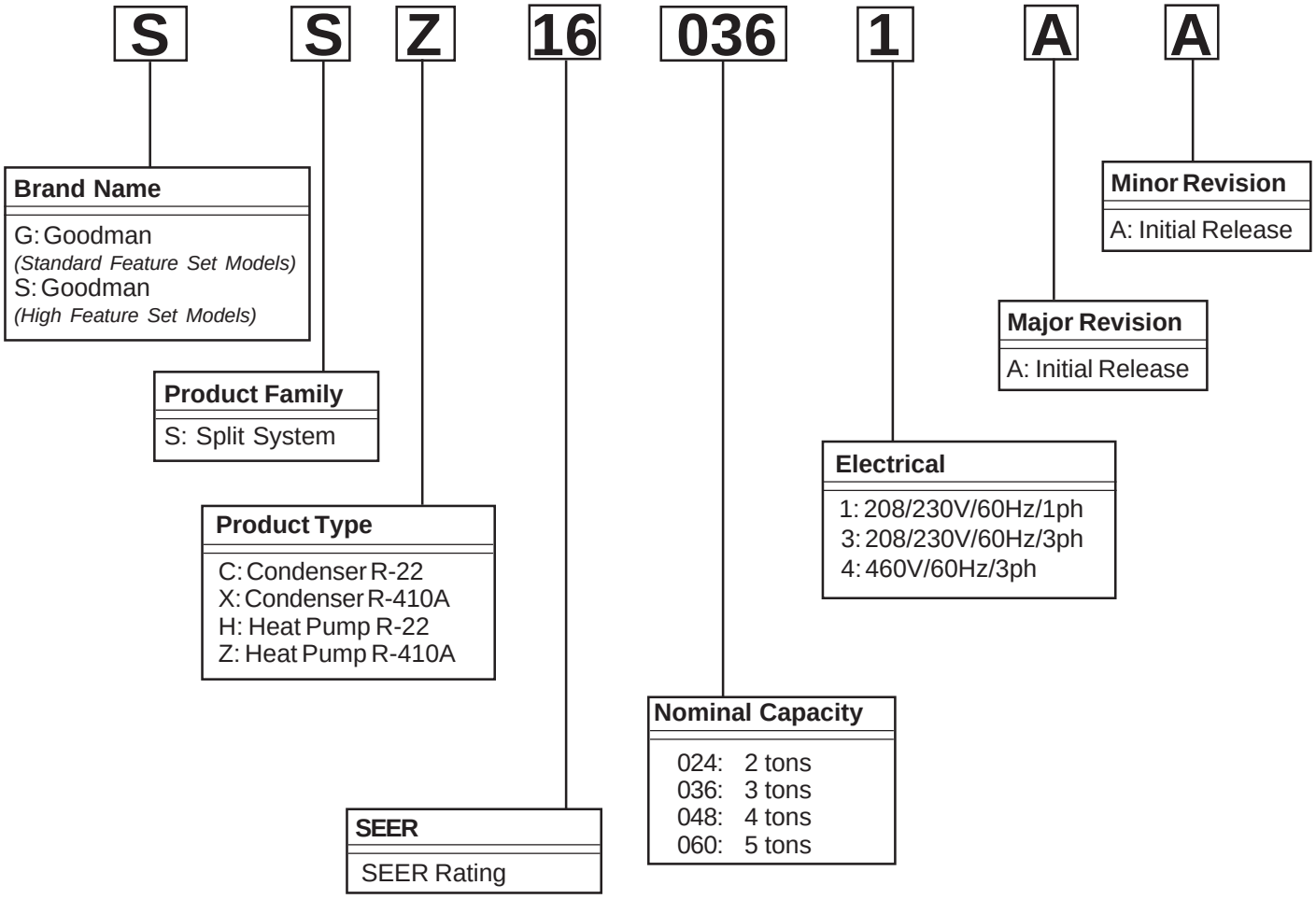


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6214002r9
October 2012

PRODUCT IDENTIFICATION

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



⚠ WARNING

HIGH VOLTAGE!

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

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

⚠ WARNING **Installation and repair of this unit should be performed ONLY by individuals meeting 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.

SSZ160241A*
SSZ160361A*
SSZ160481A*
SSZ160601A*
SSZ160601B*

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

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

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

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

PRODUCT DESIGN

SSZ16 models are available in 2, 3, 4 and 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.

SSZ16 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 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.

⚠ 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.

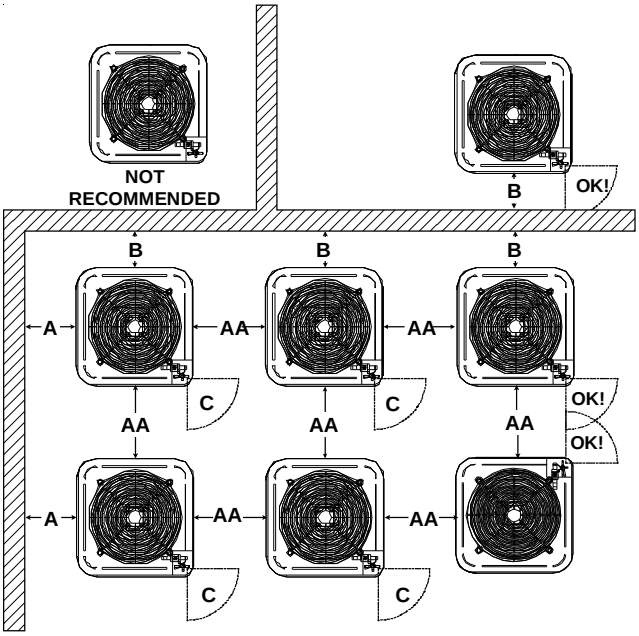
This unit is for outdoor installation only. Refer to minimum figure for clearances from the sides of the unit to full walls and other objects.

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

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.



Model Type	A	B	C	AA
Residential	10"	10"	18"	20"
Light Commercial	12'	12"	18"	24"

Model	Dimensions - W x D x H
SSZ160241A*	29 x 29 x 38¼
SSZ160361A*	35½ x 35½ x 38¼
SSZ160481A*	35½ x 35½ x 38¼
SSZ160601A/B*	35½ x 35½ x 38¼

HEAT PUMP SPECIFICATIONS

SSZ160241A* - SSZ160601A*

	SSZ160241A*	SSZ160361A*	SSZ160481A*	SSZ160601A*
Cooling Capacity, BTUH	24,000	36,000	48,000	60,000
Compressor				
R.L. Amps	13.5	14.1	19.9	25.6
L.R. Amps	58.3	77.0	109.0	118.0
Low Pressure Switch				
Open	22 PSIG	22 PSIG	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG	50 PSIG	50 PSIG
High Pressure Switch				
Open	610 PSIG	610 PSIG	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG	420 PSIG	420 PSIG
Condenser Fan Motor				
Horsepower	1/6	1/6	1/6	1/6
F.L. Amps	1.1	1.0	1.0	1.0
Liquid Line, Inches O.D.*	3/8"	3/8"	3/8"	3/8"
Suction Line, Inches O.D.*	3/4"	7/8"	1-1/8"	1-1/8"
Refrigerant Charge	153.0	186.0	278.0	273.0
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity(1)	17.9	18.6	25.7	33.0
Maximum Overcurrent Device(2)	30	30	40	50
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	205	245	320	296

* 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 serial 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

SSZ160601B*

	SSZ160601B*	SSZ160601BB
Cooling Capacity, BTUH	60,000	60,000
Compressor		
R.L. Amps	23.0	28.8
L.R. Amps	118.0	152.9
Low Pressure Switch		
Open	22 PSIG	22 PSIG
Close	50 PSIG	50 PSIG
High Pressure Switch		
Open	610 PSIG	610 PSIG
Close	420 PSIG	420 PSIG
Condenser Fan Motor		
Horsepower	1/6	1/6
F.L. Amps	1.0	1.0
Liquid Line, Inches O.D.*	3/8"	3/8"
Suction Line, Inches O.D.*	1-1/8"	1-1/8"
Refrigerant Charge	273.0	273.0
Power Supply	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity(1)	29.8	37.2
Maximum Overcurrent Device(2)	50	60
Electrical Conduit Size		
Power Supply (Inches)	1/2 or 3/4	1/2 or 3/4
Approximate Shipping Weight	340	340

* 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 serial 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).
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- 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.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160241A* / CA*F3636*6A* + TXV / MBE1600-1**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	766	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	0.72	0.60	0.42	-	0.75	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	-
		DeltaT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.39	1.42	1.47	-	1.50	1.53	1.58	-	1.59	1.63	1.68	-	1.67	1.71	1.76	-	1.74	1.78	1.84	-	1.80	1.84	1.90	-
		AMPS	5.4	5.5	5.7	-	5.8	5.9	6.1	-	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.5	7.7	7.9	-
		HI PR	205	220	233	-	230	247	261	-	261	281	297	-	298	320	338	-	335	360	381	-	370	398	421	-
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	143	-	129	138	150	-	134	142	156	-
	875	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	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		DeltaT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.43	1.46	1.50	-	1.54	1.57	1.62	-	1.63	1.67	1.72	-	1.72	1.75	1.81	-	1.79	1.83	1.89	-	1.85	1.89	1.95	-
		AMPS	5.5	5.7	5.8	-	6.0	6.1	6.3	-	6.5	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-
		HI PR	211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	392	-	382	411	434	-
		LO PR	110	117	128	-	117	124	136	-	121	129	141	-	127	136	148	-	133	142	155	-	138	147	160	-
	984	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	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		DeltaT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.44	1.47	1.51	-	1.55	1.58	1.63	-	1.64	1.68	1.73	-	1.73	1.77	1.82	-	1.80	1.84	1.90	-	1.86	1.91	1.97	-
		AMPS	5.6	5.7	5.9	-	6.0	6.2	6.3	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.2	-
		HI PR	213	230	242	-	239	258	272	-	272	293	309	-	310	334	352	-	349	375	396	-	385	415	438	-
		LO PR	112	119	130	-	118	125	137	-	122	130	142	-	129	137	149	-	135	143	157	-	139	148	162	-
75	766	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	0.82	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	0.64	0.41
		DeltaT	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	1.40	1.43	1.48	1.53	1.51	1.54	1.59	1.64	1.60	1.64	1.69	1.75	1.69	**1.72**	1.78	1.84	1.76	1.80	1.85	1.92	1.82	1.86	1.92	1.98
		AMPS	5.4	5.6	5.7	5.9	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	**6.9**	7.1	7.4	7.2	7.3	7.6	7.9	7.6	7.8	8.0	8.3
		HI PR	207	223	235	245	232	250	264	275	264	284	300	313	301	**324**	342	357	338	364	385	401	374	402	425	443
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	**133**	145	154	131	139	152	162	135	144	157	167
	875	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	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.90	0.81	0.61	0.39	0.93	**0.83**	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		DeltaT	21	19	16	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		KW	1.44	1.47	1.51	1.56	1.55	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	**1.77**	1.83	1.89	1.80	1.84	1.90	1.97	1.86	1.91	1.97	2.04
		AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.3	6.6	6.5	6.7	6.9	7.1	6.9	**7.1**	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.2	8.5
		HI PR	213	230	242	253	239	258	272	284	272	293	309	323	310	**334**	352	368	349	375	396	413	385	415	438	457
		LO PR	112	119	130	138	118	125	137	146	122	130	142	152	129	**137**	149	159	135	143	157	167	139	148	162	173
	984	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	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.85	0.64	0.41	0.98	**0.87**	0.66	0.42	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.44
		DeltaT	20	18	15	10	20	19	15	10	20	19	15	10	20	**19**	15	11	20	18	15	10	18	17	14	10
		KW	1.45	1.48	1.53	1.58	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	**1.78**	1.84	1.90	1.82	1.86	1.92	1.98	1.88	1.92	1.99	2.05
		AMPS	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	**7.2**	7.4	7.7	7.4	7.6	7.9	8.1	7.9	8.0	8.3	8.6
		HI PR	215	232	245	255	242	260	275	287	275	296	312	326	313	**337**	356	371	352	379	400	418	389	419	442	461
		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

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160241A* / CA*F3636*6A* + TXV / MBE1600-1** Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	766	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
		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	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59
		DeltaT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	1.42	1.45	1.49	1.54	1.52	1.56	1.60	1.66	1.62	1.65	1.71	1.76	1.70	1.74	1.79	1.85	1.77	1.81	1.87	1.93	1.83	1.87	1.94	2.00
		AMPS	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.5	6.4	6.5	6.8	7.0	6.8	7.0	7.2	7.5	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		HI PR	209	225	238	248	235	252	267	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	875	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	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.99	0.93	0.75	0.56	1.00	0.96	**0.78**	0.58	1.00	0.99	0.81	0.60	1.00	1.00	0.82	0.61
		DeltaT	23	22	19	15	23	22	19	16	23	22	20	16	23	23	**20**	16	22	22	19	15	20	21	18	14
		KW	1.45	1.48	1.53	1.58	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	**1.84**	1.90	1.82	1.86	1.92	1.98	1.88	1.92	1.99	2.05
		AMPS	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	7.2	**7.4**	7.7	7.4	7.6	7.9	8.1	7.9	8.0	8.3	8.6
		HI PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	**356**	371	352	379	400	418	389	419	442	461
		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
	984	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	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.85	0.64
		DeltaT	23	21	18	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14
		KW	1.46	1.49	1.54	1.59	1.57	1.61	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.87	1.93	2.00	1.90	1.94	2.00	2.07
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
		HI PR	218	234	247	258	244	263	278	289	278	299	316	329	316	340	360	375	356	383	404	422	393	423	447	466
		LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176
85	766	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
		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	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		DeltaT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
		KW	1.43	1.46	1.50	1.55	1.54	1.57	1.62	1.67	1.63	1.67	1.72	1.78	1.72	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.95	2.02
		AMPS	5.5	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5
		HI PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	410	433	452
		LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
	875	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	0.98	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	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79
		DeltaT	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	1.46	1.49	1.54	1.59	1.57	1.61	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.87	1.93	2.00	1.90	1.94	2.00	2.07
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
		HI PR	218	234	247	258	244	263	278	289	278	299	316	329	316	340	360	375	356	383	404	422	393	423	447	466
		LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	152	162	138	146	160	170	142	151	165	176
	984	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	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	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		DeltaT	23	23	22	19	23	23	22	19	22	22	22	19	22	22	22	19	20	21	22	19	19	19	20	18
		KW	1.47	1.50	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.72	1.78	1.84	1.77	1.81	1.87	1.93	1.85	1.89	1.95	2.02	1.91	1.95	2.02	2.09
		AMPS	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8
		HI PR	220	237	250	261	247	265	280	292	281	302	319	333	320	344	363	379	359	387	408	426	397	427	451	471
		LO PR	115	122	134	142	121	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160361A* / CA*F4860*6A* + TXV / MBE2000-1 Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	1050	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	1.92	1.96	2.02	-	2.07	2.11	2.18	-	2.20	2.25	2.32	-	2.32	2.37	2.45	-	2.42	2.47	2.55	-	2.50	2.56	2.64	-
		AMPS	7.4	7.6	7.9	-	8.0	8.2	8.5	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.9	10.1	10.5	-	10.5	10.7	11.1	-
		HI PR	208	224	236	-	233	251	265	-	265	286	302	-	302	325	343	-	340	366	386	-	376	404	427	-
		LO PR	104	111	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-
	1200	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
		S/T	0.72	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	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.97	2.01	2.07	-	2.12	2.17	2.24	-	2.26	2.31	2.38	-	2.38	2.43	2.51	-	2.48	2.53	2.62	-	2.57	2.62	2.71	-
		AMPS	7.7	7.8	8.1	-	8.3	8.5	8.7	-	9.0	9.2	9.5	-	9.6	9.8	10.1	-	10.2	10.4	10.8	-	10.8	11.0	11.4	-
		HI PR	214	231	244	-	241	259	273	-	274	294	311	-	312	335	354	-	351	377	398	-	387	417	440	-
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	143	-	129	138	150	-	134	142	156	-
	1350	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		KW	1.98	2.03	2.09	-	2.14	2.19	2.26	-	2.28	2.33	2.40	-	2.40	2.45	2.53	-	2.50	2.56	2.64	-	2.59	2.65	2.74	-
		AMPS	7.7	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.3	9.6	-	9.6	9.9	10.2	-	10.3	10.5	10.9	-	10.9	11.1	11.5	-
		HI PR	217	233	246	-	243	261	276	-	276	297	314	-	315	339	358	-	354	381	402	-	391	421	445	-
		LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-
75	1050	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	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	**0.78**	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		KW	1.94	1.98	2.04	2.11	2.09	2.13	2.20	2.27	2.22	2.27	2.34	2.42	2.34	**2.39**	2.47	2.55	2.44	2.49	2.57	2.66	2.52	2.58	2.67	2.76
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.4	**9.6**	9.9	10.3	10.0	10.2	10.6	11.0	10.6	10.8	11.2	11.6
		HI PR	210	226	239	249	236	254	268	279	268	288	305	318	305	**329**	347	362	343	370	390	407	380	408	431	450
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	**129**	141	150	127	135	147	157	131	140	152	162
	1200	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	0.82	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	0.85	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	1.98	2.03	2.09	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.40	**2.45**	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
		AMPS	7.7	7.9	8.2	8.5	8.3	8.5	8.8	9.1	9.0	9.3	9.6	9.9	9.6	**9.9**	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9
		HI PR	217	233	246	257	243	261	276	288	276	297	314	328	315	**339**	358	373	354	381	402	420	391	421	445	464
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	**133**	145	154	131	139	152	162	135	144	157	167
	1350	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	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	**0.85**	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43
		Delta T	20	19	15	11	21	19	15	11	21	19	15	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		KW	2.00	2.04	2.11	2.18	2.16	2.20	2.28	2.35	2.29	2.35	2.42	2.51	2.42	**2.47**	2.55	2.64	2.52	2.58	2.66	2.76	2.61	2.67	2.76	2.86
		AMPS	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	**10.0**	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0
		HI PR	219	235	249	259	245	264	279	291	279	300	317	331	318	**342**	361	377	358	385	406	424	395	425	449	468
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	**134**	146	156	132	141	153	163	137	145	159	169

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160361A* / CA*F4860*6A* + TXV / MBE2000-1 Design Subcooling 7 ± 2 °F @the liquid service valve, ARI 95 test conditions**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1050	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15
		KW	1.95	1.99	2.06	2.12	2.10	2.15	2.22	2.29	2.24	2.29	2.36	2.44	2.36	2.41	2.49	2.57	2.46	2.51	2.60	2.68	2.54	2.60	2.69	2.78
		AMPS	7.6	7.8	8.0	8.3	8.2	8.4	8.6	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	10.9	11.3	11.7
		HI PR	212	228	241	251	238	256	271	282	271	291	308	321	308	332	350	366	347	373	394	411	383	413	436	454
		LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164
	1200	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	**34.6**	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	**0.76**	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	23	23	20	16	21	21	18	15
		KW	2.00	2.04	2.11	2.18	2.16	2.20	2.28	2.35	2.30	2.35	2.42	2.51	2.42	2.47	**2.55**	2.64	2.52	2.58	2.66	2.76	2.61	2.67	2.76	2.86
		AMPS	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	10.0	**10.3**	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0
		HI PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	**361**	377	358	385	406	424	395	425	449	468
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	**146**	156	132	141	153	163	137	145	159	169
	1350	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14
		KW	2.02	2.06	2.13	2.20	2.17	2.22	2.29	2.37	2.31	2.37	2.44	2.53	2.44	2.49	2.58	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.78	2.88
		AMPS	7.9	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5	11.1	11.3	11.7	12.2
		HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
		LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
85	1050	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19
		KW	1.97	2.01	2.07	2.14	2.12	2.17	2.24	2.31	2.26	2.31	2.38	2.46	2.38	2.43	2.51	2.60	2.48	2.53	2.62	2.71	2.57	2.62	2.71	2.81
		AMPS	7.6	7.8	8.1	8.4	8.3	8.4	8.7	9.0	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.0	11.4	11.8
		HI PR	214	231	244	254	240	259	273	285	273	294	311	324	311	335	354	369	350	377	398	415	387	417	440	459
		LO PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
	1200	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.95	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	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	24	20	22	22	22	19
		KW	2.02	2.06	2.13	2.20	2.17	2.22	2.29	2.37	2.31	2.37	2.44	2.53	2.44	2.49	2.58	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.78	2.88
		AMPS	7.9	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5	11.1	11.3	11.7	12.2
		HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
		LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
	1350	MBh	35.71	36.40	38.12	40.67	34.88	35.55	37.23	39.72	34.04	34.70	36.35	38.78	33.21	33.86	35.46	37.83	31.55	32.16	33.69	35.94	29.23	29.79	31.20	33.29
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		Delta T	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
		KW	2.03	2.08	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.39	2.46	2.55	2.46	2.51	2.60	2.69	2.56	2.62	2.71	2.80	2.66	2.72	2.81	2.91
		AMPS	7.9	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6	11.2	11.4	11.8	12.3
		HI PR	223	240	254	264	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	432	403	434	458	478
		LO PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	157	167	139	148	162	172

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160481A* / CA*F4860*6A* + TXV / MBE2000-1** **Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	1356	MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-
		S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		DeltaT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	2.60	2.65	2.73	-	2.79	2.85	2.94	-	2.96	3.03	3.12	-	3.11	3.18	3.28	-	3.24	3.31	3.42	-	3.35	3.43	3.54	-
		AMPS	9.8	10.0	10.4	-	10.6	10.9	11.2	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-
		HI PR	204	220	232	-	229	247	261	-	261	281	296	-	297	320	338	-	334	360	380	-	369	397	420	-
		LO PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	141	-	128	136	148	-	132	140	153	-
	1550	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-
		S/T	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.85	0.71	0.49	-
		DeltaT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		KW	2.66	2.71	2.80	-	2.86	2.92	3.01	-	3.04	3.10	3.20	-	3.19	3.26	3.37	-	3.33	3.40	3.51	-	3.44	3.52	3.63	-
		AMPS	10.1	10.3	10.7	-	10.9	11.2	11.5	-	11.8	12.1	12.5	-	12.7	13.0	13.4	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-
		HI PR	211	227	239	-	236	254	269	-	269	289	306	-	306	330	348	-	345	371	391	-	381	410	433	-
		LO PR	109	116	126	-	115	122	134	-	119	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	1744	MBh	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-
		S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-
		DeltaT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
		KW	2.68	2.73	2.82	-	2.88	2.94	3.04	-	3.06	3.13	3.23	-	3.22	3.29	3.40	-	3.35	3.43	3.54	-	3.47	3.55	3.66	-
		AMPS	10.2	10.4	10.8	-	11.0	11.3	11.6	-	11.9	12.2	12.6	-	12.8	13.1	13.5	-	13.6	13.9	14.4	-	14.4	14.8	15.3	-
		HI PR	213	229	242	-	239	257	271	-	272	292	309	-	309	333	351	-	348	374	395	-	384	414	437	-
		LO PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-
75	1356	MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	40.4	41.6	45.1	48.4	39.5	**40.6**	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		DeltaT	23	21	18	12	23	22	18	12	24	22	18	12	24	**22**	18	12	23	21	18	12	22	20	16	11
		KW	2.62	2.67	2.75	2.84	2.81	2.87	2.96	3.06	2.99	3.05	3.15	3.25	3.14	**3.21**	3.31	3.42	3.27	3.34	3.45	3.57	3.38	3.46	3.57	3.69
		AMPS	9.9	10.1	10.5	10.9	10.7	11.0	11.3	11.7	11.6	11.9	12.3	12.8	12.4	**12.7**	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.4
		HI PR	206	222	235	245	232	249	263	275	263	284	299	312	300	**323**	341	356	338	363	384	400	373	401	424	442
		LO PR	107	113	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	159	133	142	155	165
	1550	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	**44.0**	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
		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	0.64	0.41	0.96	0.86	0.65	0.42
		DeltaT	23	21	17	12	23	21	17	12	23	21	17	12	23	**21**	18	12	23	21	17	12	21	20	16	11
		KW	2.68	2.73	2.82	2.91	2.88	2.94	3.04	3.13	3.06	3.13	3.23	3.33	3.22	**3.29**	3.40	3.51	3.35	3.43	3.54	3.66	3.47	3.55	3.66	3.79
		AMPS	10.2	10.4	10.8	11.2	11.0	11.3	11.6	12.1	11.9	12.2	12.6	13.1	12.8	**13.1**	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.8	15.3	15.8
		HI PR	213	229	242	252	239	257	271	283	272	292	309	322	309	**333**	352	367	348	375	395	412	385	414	437	456
		LO PR	110	117	128	136	116	124	135	144	121	128	140	149	127	**135**	147	157	133	141	154	164	137	146	160	170
	1744	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	**45.3**	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3
		S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	0.96	**0.86**	0.65	0.42	1.00	0.89	0.68	0.44	1.00	0.90	0.68	0.44
		DeltaT	22	20	17	11	22	20	17	12	22	20	17	12	22	**21**	17	12	22	20	17	11	20	19	16	11
		KW	2.70	2.76	2.84	2.93	2.90	2.97	3.06	3.16	3.09	3.15	3.25	3.36	3.25	**3.32**	3.42	3.54	3.38	3.46	3.57	3.69	3.50	3.58	3.69	3.82
		AMPS	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.2	12.9	**13.2**	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0
		HI PR	215	231	244	255	241	260	274	286	274	295	312	325	312	**336**	355	370	352	378	399	417	388	418	441	460
		LO PR	111	118	129	137	117	125	136	145	122	130	142	151	128	**136**	149	158	134	143	156	166	139	148	161	172

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160481A* / CA*F4860*6A* + TXV / MBE2000-1** **Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1356	MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2
		S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.02	0.95	0.78	0.58
		DeltaT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16
		KW	2.64	2.69	2.77	2.86	2.84	2.90	2.99	3.08	3.01	3.08	3.17	3.28	3.17	3.24	3.34	3.45	3.30	3.37	3.48	3.60	3.41	3.49	3.60	3.72
		AMPS	10.0	10.2	10.6	11.0	10.8	11.1	11.4	11.8	11.7	12.0	12.4	12.9	12.5	12.8	13.3	13.8	13.3	13.7	14.1	14.7	14.1	14.5	15.0	15.5
		HI PR	209	224	237	247	234	252	266	277	266	286	302	315	303	326	344	359	341	367	388	404	377	405	428	447
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167
	1550	MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	**47.5**	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.91	0.74	0.56	1.00	0.94	**0.77**	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60
		DeltaT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	**22**	17	25	25	21	17	23	23	20	16
		KW	2.70	2.76	2.84	2.93	2.91	2.97	3.06	3.16	3.09	3.15	3.25	3.36	3.25	3.32	**3.43**	3.54	3.38	3.46	3.57	3.69	3.50	3.58	3.69	3.82
		AMPS	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.2	12.9	13.2	**13.6**	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0
		HI PR	215	231	244	255	241	260	274	286	274	295	312	325	312	336	**355**	370	352	378	399	417	388	418	441	460
		LO PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	**149**	158	134	143	156	166	139	148	161	172
	1744	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0
		S/T	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		DeltaT	24	23	20	16	25	24	21	16	24	24	21	16	24	24	21	17	22	23	20	16	21	21	19	15
		KW	2.72	2.78	2.87	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.34	3.45	3.57	3.41	3.49	3.60	3.72	3.53	3.61	3.73	3.85
		AMPS	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.2	14.7	15.0	15.5	16.1
		HI PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	403	421	392	422	446	465
		LO PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173
85	1356	MBh	43.9	44.8	46.9	50.0	42.9	43.7	45.8	48.9	41.9	42.7	44.7	47.7	40.9	41.7	43.6	46.5	38.8	39.6	41.4	44.2	36.0	36.7	38.4	41.0
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		DeltaT	28	27	26	22	28	28	26	22	28	28	26	23	28	28	26	23	26	27	26	22	24	25	24	21
		KW	2.66	2.71	2.80	2.89	2.86	2.92	3.01	3.11	3.04	3.10	3.20	3.30	3.19	3.26	3.37	3.48	3.32	3.40	3.51	3.63	3.44	3.52	3.63	3.75
		AMPS	10.1	10.3	10.7	11.1	10.9	11.2	11.5	12.0	11.8	12.1	12.5	13.0	12.6	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7
		HI PR	211	227	239	250	236	254	269	280	269	289	305	319	306	329	348	363	344	371	391	408	381	410	432	451
		LO PR	109	116	126	135	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
	1550	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	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
		DeltaT	27	27	25	22	27	27	26	22	27	27	26	22	26	27	26	22	25	25	25	22	23	24	24	21
		KW	2.72	2.78	2.87	2.96	2.93	2.99	3.09	3.19	3.11	3.18	3.28	3.39	3.27	3.34	3.45	3.57	3.41	3.49	3.60	3.72	3.53	3.61	3.73	3.85
		AMPS	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.2	14.7	15.0	15.5	16.1
		HI PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	355	382	403	421	392	422	446	465
		LO PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173
	1744	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		DeltaT	26	26	24	21	25	26	25	21	25	25	25	21	24	25	25	21	23	23	24	21	21	22	23	20
		KW	2.74	2.80	2.89	2.98	2.95	3.02	3.11	3.21	3.14	3.20	3.31	3.42	3.30	3.37	3.48	3.60	3.44	3.51	3.63	3.75	3.56	3.64	3.76	3.88
		AMPS	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		HI PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	426	450	470
		LO PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160601A* / CA*F4860*6A* + TXV / MBE2000-1** **Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	1575	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	3.46	3.53	3.64	-	3.73	3.81	3.93	-	3.97	4.06	4.19	-	4.18	4.27	4.42	-	4.36	4.46	4.61	-	4.51	4.62	4.77	-
		AMPS	12.6	13.0	13.4	-	13.7	14.0	14.5	-	14.9	15.3	15.8	-	16.0	16.4	16.9	-	17.0	17.4	18.0	-	18.0	18.5	19.1	-
		HI PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	382	-	371	399	422	-
		LO PR	97	103	112	-	102	109	119	-	106	113	124	-	112	119	130	-	117	125	136	-	121	129	141	-
	1800	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	3.54	3.62	3.74	-	3.82	3.91	4.04	-	4.07	4.16	4.30	-	4.29	4.38	4.53	-	4.47	4.58	4.73	-	4.63	4.74	4.90	-
		AMPS	13.0	13.3	13.8	-	14.1	14.4	14.9	-	15.3	15.7	16.3	-	16.4	16.8	17.4	-	17.5	17.9	18.6	-	18.6	19.0	19.7	-
		HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-
		LO PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	128	140	-	125	133	145	-
	2025	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Delta T	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	3.57	3.65	3.77	-	3.85	3.94	4.07	-	4.10	4.20	4.34	-	4.32	4.42	4.57	-	4.51	4.61	4.77	-	4.67	4.78	4.94	-
		AMPS	13.1	13.5	13.9	-	14.2	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.6	-	17.7	18.1	18.7	-	18.8	19.2	19.9	-
		HI PR	214	230	243	-	240	258	273	-	273	294	310	-	311	334	353	-	350	376	397	-	386	416	439	-
		LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	146	-
75	1575	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	**48.8**	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
		Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	**22**	18	12	23	21	17	12	22	20	16	11
		KW	3.48	3.56	3.67	3.80	3.76	3.84	3.97	4.10	4.00	4.09	4.23	4.37	4.21	**4.31**	4.45	4.61	4.40	4.50	4.65	4.81	4.55	4.66	4.82	4.98
		AMPS	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.2	15.1	15.4	16.0	16.6	16.1	**16.5**	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.1
		HI PR	207	223	236	246	233	250	265	276	265	285	301	314	302	**324**	343	357	339	365	385	402	375	403	426	444
		LO PR	98	104	114	121	103	110	120	128	107	114	125	133	113	**120**	131	140	118	126	137	146	122	130	142	151
	1800	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	20	16	11
		KW	3.57	3.65	3.77	3.89	3.85	3.94	4.07	4.21	4.10	4.20	4.34	4.48	4.32	**4.42**	4.57	4.73	4.51	4.62	4.77	4.94	4.67	4.78	4.94	5.12
		AMPS	13.1	13.5	13.9	14.4	14.2	14.6	15.1	15.6	15.5	15.9	16.4	17.1	16.6	**17.0**	17.6	18.3	17.7	18.1	18.7	19.5	18.8	19.2	19.9	20.7
		HI PR	214	230	243	253	240	258	273	284	273	294	310	323	311	**335**	353	368	350	376	397	414	386	416	439	458
		LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	**124**	135	144	122	130	142	151	126	134	146	156
	2025	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	**54.4**	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42
		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	3.60	3.68	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.52	4.36	**4.46**	4.61	4.77	4.55	4.65	4.81	4.98	4.71	4.82	4.99	5.16
		AMPS	13.3	13.6	14.0	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	**17.2**	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
		HI PR	216	232	245	256	242	261	275	287	276	297	313	327	314	**338**	357	372	353	380	401	419	390	420	443	463
		LO PR	102	108	118	126	108	115	125	133	112	119	130	138	118	**125**	136	145	123	131	143	152	127	136	148	158

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: SSZ160601A* / CA*F4860*6A* + TXV / MBE2000-1** Design Subcooling 7 ± 2 °F @ the liquid service valve, ARI 95 test conditions

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1575	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.74	0.56
		Delta T	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	3.51	3.59	3.71	3.83	3.79	3.87	4.00	4.14	4.03	4.13	4.26	4.41	4.25	4.35	4.49	4.65	4.43	4.54	4.69	4.85	4.59	4.70	4.86	5.03
		AMPS	12.9	13.2	13.6	14.2	14.0	14.3	14.8	15.4	15.2	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
		HI PR	210	225	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449
		LO PR	99	105	115	122	104	111	121	129	109	115	126	134	114	121	132	141	119	127	139	148	124	131	144	153
	1800	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	**21**	17	25	24	21	17	23	23	20	16
		KW	3.60	3.68	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.52	4.36	4.46	**4.61**	4.77	4.55	4.66	4.81	4.98	4.71	4.82	4.99	5.16
		AMPS	13.3	13.6	14.0	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	17.2	**17.8**	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
		HI PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	**357**	372	353	380	401	419	390	420	444	463
		LO PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	**137**	145	123	131	143	152	127	136	148	158
	2025	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		Delta T	24	23	20	16	25	24	20	16	25	24	20	16	24	24	21	16	23	24	20	16	21	22	19	15
		KW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21
		AMPS	13.4	13.7	14.2	14.7	14.5	14.9	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.9	19.1	19.6	20.3	21.1
		HI PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		LO PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
85	1575	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21
		KW	3.54	3.62	3.74	3.86	3.82	3.91	4.03	4.17	4.07	4.16	4.30	4.44	4.29	4.38	4.53	4.69	4.47	4.57	4.73	4.89	4.63	4.74	4.90	5.07
		AMPS	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.3	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.0	19.7	20.5
		HI PR	212	228	240	251	237	256	270	281	270	291	307	320	308	331	350	365	346	372	393	410	382	411	434	453
		LO PR	100	106	116	123	105	112	122	130	110	117	127	136	115	122	134	142	121	128	140	149	125	133	145	154
	1800	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		Delta T	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20
		KW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21
		AMPS	13.4	13.7	14.2	14.7	14.5	14.9	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.9	19.1	19.6	20.3	21.1
		HI PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		LO PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
	2025	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		Delta T	26	25	24	21	26	26	24	21	25	26	24	21	25	25	25	21	24	24	24	21	22	22	23	20
		KW	3.66	3.74	3.86	3.99	3.95	4.04	4.17	4.31	4.21	4.30	4.45	4.60	4.44	4.54	4.69	4.85	4.63	4.74	4.90	5.07	4.80	4.91	5.07	5.25
		AMPS	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.9	16.3	16.9	17.5	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.8	20.5	21.3
		HI PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	409	427	398	428	452	472
		LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	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)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - LOW STAGE

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	1050	MBh	37.68	39.06	42.79	-	36.8	38.15	41.8	-	35.93	37.24	40.8	-	35.05	36.33	39.8	-	33.3	34.51	37.81	-	30.85	31.97	35.03	-
		S/T	0.665	0.556	0.385	-	0.689	0.576	0.399	-	0.707	0.59	0.409	-	0.73	0.609	0.422	-	0.757	0.633	0.438	-	0.764	0.638	0.442	-
		Delta T	22	19	14	-	22	19	15	-	22	19	15	-	22	19	15	-	22	19	15	-	21	18	14	-
		KW	2.329	2.379	2.454	-	2.509	2.564	2.647	-	2.668	2.727	2.816	-	2.809	2.871	2.966	-	2.928	2.994	3.093	-	3.031	3.099	3.203	-
		AMPS	8.695	8.887	9.155	-	9.342	9.55	9.842	-	10.09	10.32	10.64	-	10.74	10.98	11.33	-	11.38	11.65	12.01	-	12.02	12.3	12.69	-
		HI PR	199.5	214.6	226.7	-	223.8	240.8	254.3	-	254.5	273.9	289.2	-	289.9	312	329.4	-	326.1	351	370.6	-	360.3	387.8	409.5	-
		LO PR	103.7	110.3	120.4	-	109.5	116.5	127.2	-	113.8	121.1	132.2	-	119.6	127.2	138.9	-	125.3	133.3	145.5	-	129.6	137.9	150.5	-
	1150	MBh	38.3	39.7	43.4	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	35.6	36.9	40.4	-	33.8	35.0	38.4	-	31.3	32.5	35.6	-
		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	21	18	14	-	21	18	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
		KW	2.36	2.41	2.49	-	2.54	2.60	2.68	-	2.71	2.77	2.86	-	2.85	2.91	3.01	-	2.97	3.04	3.14	-	3.08	3.14	3.25	-
		AMPS	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.2	10.5	10.8	-	10.9	11.1	11.5	-	11.6	11.8	12.2	-	12.2	12.5	12.9	-
		HI PR	203	218	231	-	228	245	259	-	259	279	294	-	295	317	335	-	332	357	377	-	367	394	417	-
		LO PR	105	112	122	-	111	119	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-
	1350	MBh	39.4	40.84	44.75	-	38.49	39.89	43.7	-	37.57	38.94	42.66	-	36.65	37.99	41.62	-	34.82	36.09	39.54	-	32.26	33.43	36.63	-
		S/T	0.723	0.604	0.418	-	0.75	0.626	0.434	-	0.769	0.642	0.445	-	0.793	0.663	0.459	-	0.823	0.688	0.476	-	0.83	0.693	0.48	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	2.38	2.431	2.509	-	2.565	2.621	2.706	-	2.729	2.789	2.881	-	2.873	2.937	3.035	-	2.996	3.063	3.165	-	3.101	3.171	3.278	-
		AMPS	8.893	9.089	9.365	-	9.557	9.771	10.07	-	10.33	10.56	10.89	-	10.99	11.24	11.6	-	11.65	11.92	12.3	-	12.31	12.6	13	-
		HI PR	204.9	220.5	232.9	-	230	247.5	261.3	-	261.5	281.4	297.2	-	297.9	320.5	338.5	-	335.1	360.6	380.8	-	370.2	398.4	420.7	-
		LO PR	106.5	113.3	123.7	-	112.5	119.7	130.7	-	117	124.4	135.8	-	122.9	130.7	142.7	-	128.7	137	149.5	-	133.2	141.7	154.7	-
75	1050	MBh	38.3	39.5	42.7	45.8	37.4	38.5	41.7	44.8	36.5	37.6	40.7	43.7	35.6	**36.7**	39.7	42.6	33.9	34.9	37.7	40.5	31.4	32.3	35.0	37.5
		S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	**0.74**	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38
		Delta T	25	23	19	13	26	24	19	13	26	24	19	13	26	**24**	20	13	26	24	19	13	24	22	18	12
		KW	2.35	2.40	2.47	2.55	2.53	2.59	2.67	2.76	2.69	2.75	2.84	2.94	2.83	**2.90**	2.99	3.09	2.95	3.02	3.12	3.23	3.06	3.13	3.23	3.34
		AMPS	8.8	9.0	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	11.7	12.1	12.6	12.1	12.4	12.8	13.3
		HI PR	201	217	229	239	226	243	257	268	257	277	292	305	293	**315**	333	347	329	355	374	390	364	392	414	431
		LO PR	105	111	122	130	111	118	129	137	115	122	134	142	121	**129**	140	149	127	135	147	157	131	139	152	162
	1150	MBh	38.9	40.1	43.4	46.5	38.0	39.1	42.3	45.4	37.1	38.2	41.3	44.4	36.2	**37.3**	40.3	43.3	34.4	35.4	38.3	41.1	31.8	32.8	35.5	38.1
		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	24	22	18	13	25	23	19	13	25	23	19	13	25	**23**	19	13	25	23	19	13	23	21	17	12
		KW	2.38	2.43	2.51	2.59	2.57	2.62	2.71	2.80	2.73	2.79	2.88	2.98	2.87	**2.94**	3.04	3.14	3.00	3.06	3.17	3.27	3.10	3.17	3.28	3.39
		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	**11.2**	11.6	12.0	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.5
		HI PR	205	221	233	243	230	248	261	273	262	281	297	310	298	**321**	339	353	335	361	381	397	370	399	421	439
		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
	1350	MBh	40.07	41.26	44.66	47.93	39.14	40.3	43.62	46.81	38.21	39.34	42.58	45.7	37.27	**38.38**	41.54	44.58	35.41	36.46	39.46	42.35	32.8	33.77	36.56	39.23
		S/T	0.822	0.735	0.556	0.358	0.852	0.762	0.577	0.371	0.874	0.781	0.591	0.38	0.902	**0.807**	0.61	0.393	0.936	0.837	0.634	0.408	0.944	0.844	0.639	0.411
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	19	16	11
		KW	2.4	2.451	2.53	2.612	2.587	2.643	2.729	2.819	2.752	2.813	2.905	3.003	2.898	**2.962**	3.061	3.164	3.021	3.089	3.193	3.302	3.128	3.199	3.307	3.42
		AMPS	8.968	9.167	9.445	9.771	9.639	9.856	10.16	10.51	10.42	10.65	10.99	11.37	11.09	**11.34**	11.7	12.12	11.76	12.03	12.41	12.86	12.42	12.71	13.12	13.59
		HI PR	207	222.8	235.3	245.4	232.3	250	264	275.3	264.2	284.3	300.2	313.1	300.9	**323.8**	341.9	356.6	338.5	364.3	384.7	401.2	374	402.5	425	443.3
		LO PR	107.6	114.5	125	133.1	113.7	120.9	132	140.6	118.1	125.7	137.2	146.1	124.1	**132**	144.1	153.5	130.1	138.4	151.1	160.9	134.5	143.1	156.3	166.4

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - LOW STAGE

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1050	MBh	39.0	39.9	42.6	45.5	38.1	38.9	41.6	44.5	37.2	38.0	40.6	43.4	36.3	37.1	39.6	42.3	34.5	35.2	37.6	40.2	31.9	32.6	34.9	37.3
		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	28	27	24	19	29	27	24	19	29	28	24	19	29	28	24	19	28	27	24	19	27	26	22	18
		KW	2.37	2.42	2.49	2.58	2.55	2.61	2.69	2.78	2.71	2.77	2.86	2.96	2.86	2.92	3.02	3.12	2.98	3.05	3.15	3.25	3.08	3.15	3.26	3.37
		AMPS	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	10.9	11.2	11.5	11.9	11.6	11.9	12.2	12.7	12.2	12.5	12.9	13.4
		HI PR	204	219	231	241	228	246	260	271	260	280	295	308	296	318	336	351	333	358	378	394	368	396	418	436
		LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
	1150	MBh	39.6	40.5	43.2	46.2	38.7	39.5	42.2	45.1	37.8	38.6	41.2	44.1	36.8	37.6	40.2	43.0	35.0	35.8	38.2	40.8	32.4	33.1	35.4	37.8
		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	27	26	23	18	28	26	23	18	28	26	23	18	28	27	23	18	27	26	23	18	26	25	21	17
		KW	2.40	2.45	2.53	2.61	2.59	2.64	2.73	2.82	2.75	2.81	2.91	3.00	2.90	2.96	3.06	3.16	3.02	3.09	3.19	3.30	3.13	3.20	3.31	3.42
		AMPS	9.0	9.2	9.4	9.8	9.6	9.9	10.2	10.5	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.1	11.8	12.0	12.4	12.9	12.4	12.7	13.1	13.6
		HI PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	357	339	364	385	401	374	403	425	443
		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
	1350	MBh	40.8	41.7	44.5	47.6	39.8	40.7	43.5	46.5	38.9	39.7	42.5	45.4	37.9	38.8	41.4	44.3	36.0	36.8	39.3	42.1	33.4	34.1	36.4	39.0
		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	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	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16
		KW	2.42	2.47	2.55	2.63	2.61	2.67	2.75	2.84	2.77	2.84	2.93	3.03	2.92	2.99	3.09	3.19	3.05	3.12	3.22	3.33	3.15	3.23	3.34	3.45
		AMPS	9.0	9.2	9.5	9.9	9.7	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.4	11.8	12.2	11.9	12.1	12.5	13.0	12.5	12.8	13.2	13.7
		HI PR	209	225	238	248	235	253	267	278	267	287	303	316	304	327	345	360	342	368	389	405	378	407	429	448
		LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
85	1050	MBh	39.7	40.5	42.4	45.2	38.8	39.5	41.4	44.1	37.8	38.6	40.4	43.1	36.9	37.6	39.4	42.0	35.1	35.7	37.4	39.9	32.5	33.1	34.7	37.0
		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	0.96	0.86	0.70	1.00	0.96	0.87	0.71
		Delta T	30	30	28	24	31	30	28	25	31	30	28	25	31	30	29	25	30	30	28	24	28	28	26	23
		KW	2.39	2.44	2.52	2.60	2.57	2.63	2.71	2.80	2.74	2.80	2.89	2.98	2.88	2.94	3.04	3.15	3.00	3.07	3.17	3.28	3.11	3.18	3.29	3.40
		AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.3	11.0	11.3	11.6	12.0	11.7	12.0	12.3	12.8	12.3	12.6	13.0	13.5
		HI PR	206	221	234	244	231	248	262	273	262	282	298	311	299	322	340	354	336	362	382	398	371	400	422	440
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165
	1150	MBh	40.3	41.1	43.0	45.9	39.3	40.1	42.0	44.8	38.4	39.2	41.0	43.8	37.5	38.2	40.0	42.7	35.6	36.3	38.0	40.5	33.0	33.6	35.2	37.6
		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	29	29	27	23	29	29	27	24	29	29	27	24	30	29	28	24	28	29	27	24	26	27	25	22
		KW	2.42	2.47	2.55	2.63	2.61	2.67	2.75	2.84	2.77	2.84	2.93	3.03	2.92	2.99	3.09	3.19	3.05	3.12	3.22	3.33	3.15	3.23	3.34	3.45
		AMPS	9.0	9.2	9.5	9.9	9.7	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.4	11.8	12.2	11.9	12.1	12.5	13.0	12.5	12.8	13.2	13.7
		HI PR	209	225	238	248	235	253	267	278	267	287	303	316	304	327	345	360	342	368	389	405	378	407	429	448
		LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
	1350	MBh	41.5	42.3	44.3	47.3	40.5	41.3	43.3	46.2	39.6	40.3	42.2	45.1	38.6	39.3	41.2	44.0	36.7	37.4	39.1	41.8	34.0	34.6	36.3	38.7
		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	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	24	23	20
		KW	2.44	2.49	2.57	2.66	2.63	2.69	2.77	2.87	2.80	2.86	2.95	3.05	2.95	3.01	3.11	3.22	3.07	3.14	3.25	3.36	3.18	3.25	3.36	3.48
		AMPS	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.5	11.9	12.3	12.0	12.2	12.6	13.1	12.6	12.9	13.4	13.8
		HI PR	211	227	240	250	237	255	269	281	270	290	306	319	307	330	349	364	345	372	392	409	382	411	434	452
		LO PR	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - HIGH STAGE

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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	1600	MBh	53.4	55.4	60.7	-	52.2	54.1	59.2	-	50.9	52.8	57.8	-	49.7	51.5	56.4	-	47.2	48.9	53.6	-	43.7	45.3	49.7	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-
		KW	3.48	3.55	3.66	-	3.74	3.82	3.94	-	3.97	4.05	4.18	-	4.17	4.26	4.40	-	4.34	4.44	4.58	-	4.49	4.59	4.74	-
		AMPS	13.6	13.9	14.3	-	14.6	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	18.0	-	18.1	18.5	19.1	-	19.1	19.6	20.3	-
		HI PR	212	228	241	-	238	256	270	-	271	291	308	-	308	332	350	-	347	373	394	-	383	412	435	-
		LO PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-
	1750	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
		KW	3.52	3.60	3.71	-	3.79	3.87	3.99	-	4.02	4.11	4.24	-	4.23	4.32	4.46	-	4.40	4.50	4.65	-	4.55	4.65	4.81	-
		AMPS	13.8	14.1	14.6	-	14.9	15.2	15.7	-	16.1	16.5	17.1	-	17.3	17.7	18.3	-	18.4	18.8	19.4	-	19.4	19.9	20.6	-
		HI PR	216	232	245	-	242	261	275	-	275	296	313	-	314	337	356	-	353	380	401	-	390	419	443	-
		LO PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	132	145	-	129	137	150	-
	2000	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		KW	3.55	3.62	3.74	-	3.82	3.90	4.02	-	4.05	4.14	4.27	-	4.26	4.36	4.50	-	4.44	4.54	4.68	-	4.59	4.69	4.85	-
		AMPS	13.9	14.2	14.7	-	15.0	15.4	15.9	-	16.3	16.7	17.2	-	17.4	17.8	18.4	-	18.5	19.0	19.6	-	19.6	20.1	20.8	-
		HI PR	218	234	248	-	244	263	278	-	278	299	316	-	317	341	360	-	356	383	405	-	394	424	447	-
		LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-
75	1600	MBh	54.3	55.9	60.5	65.0	53.1	54.6	59.1	63.5	51.8	53.3	57.7	62.0	50.5	**52.0**	56.3	60.4	48.0	49.4	53.5	57.4	44.5	45.8	49.6	53.2
		S/T	0.78	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
		Delta T	24	22	18	13	24	23	18	13	25	23	18	13	25	**23**	19	13	24	22	18	13	23	21	17	12
		KW	3.50	3.58	3.69	3.80	3.77	3.85	3.97	4.09	4.00	4.08	4.22	4.35	4.20	**4.30**	4.43	4.58	4.38	4.47	4.62	4.77	4.53	4.63	4.78	4.94
		AMPS	13.7	14.0	14.5	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	**17.6**	18.1	18.8	18.2	18.7	19.3	20.0	19.3	19.8	20.5	21.2
		HI PR	214	231	243	254	240	259	273	285	273	294	311	324	311	**335**	354	369	350	377	398	415	387	417	440	459
		LO PR	102	109	119	127	108	115	126	134	112	119	130	139	118	**126**	137	146	124	132	144	153	128	136	149	158
	1750	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40
		Delta T	23	21	18	12	24	22	18	12	24	22	18	12	24	**22**	18	12	23	22	18	12	22	20	17	11
		KW	3.55	3.62	3.74	3.85	3.82	3.90	4.02	4.15	4.05	4.14	4.27	4.41	4.26	**4.36**	4.50	4.64	4.44	4.54	4.69	4.84	4.59	4.69	4.85	5.01
		AMPS	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.4	**17.8**	18.4	19.1	18.5	19.0	19.6	20.4	19.6	20.1	20.8	21.6
		HI PR	218	235	248	258	245	263	278	290	278	299	316	330	317	**341**	360	375	356	383	405	422	394	424	447	467
		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
	2000	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	**54.4**	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42
		Delta T	22	20	17	11	22	21	17	12	22	21	17	12	22	**21**	17	12	22	20	17	12	21	19	16	11
		KW	3.58	3.65	3.77	3.89	3.85	3.93	4.05	4.19	4.09	4.18	4.31	4.45	4.30	**4.39**	4.53	4.68	4.48	4.58	4.72	4.88	4.63	4.73	4.89	5.05
		AMPS	14.0	14.4	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	**18.0**	18.6	19.3	18.7	19.2	19.8	20.5	19.8	20.3	21.0	21.8
		HI PR	220	237	250	261	247	266	281	293	281	302	319	333	320	**344**	364	379	360	387	409	427	398	428	452	471
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	**129**	141	150	127	135	148	157	131	140	153	163

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

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - HIGH STAGE

COOLING OPERATION

			Outdoor Ambient Temperature																					
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																					
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1600	MBh	55.3	56.5	60.4	64.5	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	51.4	52.6	56.1	60.0	48.9	49.9	53.3	57.0	45.3	46.2	49.4	52.8
		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.74	0.56
		Delta T	27	26	23	18	27	26	23	18	27	26	23	18	28	26	23	18	27	26	23	18	25	24	21	17
		KW	3.53	3.60	3.72	3.83	3.80	3.88	4.00	4.13	4.03	4.12	4.25	4.39	4.24	4.33	4.47	4.62	4.41	4.51	4.66	4.81	4.57	4.67	4.82	4.98
		AMPS	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.2	19.5	20.0	20.6	21.4
		HI PR	216	233	246	256	243	261	276	288	276	297	314	327	315	338	357	373	354	381	402	419	391	421	444	463
		LO PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
	1750	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		Delta T	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16
		KW	3.58	3.65	3.77	3.89	3.85	3.93	4.05	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.53	4.68	4.48	4.58	4.72	4.88	4.63	4.73	4.89	5.05
		AMPS	14.0	14.4	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.5	19.8	20.3	21.0	21.8
		HI PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	398	428	452	471
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163
	2000	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	16	22	22	19	15
		KW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.76	4.92	4.67	4.77	4.93	5.10
		AMPS	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.3	20.0	20.7	20.0	20.5	21.2	22.0
		HI PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476
		LO PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
85	1600	MBh	56.3	57.3	60.1	64.1	54.9	56.0	58.7	62.6	53.6	54.7	57.3	61.1	52.3	53.3	55.9	59.6	49.7	50.7	53.1	56.6	46.0	46.9	49.2	52.4
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		Delta T	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	29	29	27	23	26	27	25	22
		KW	3.56	3.63	3.75	3.86	3.83	3.91	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.37	4.51	4.66	4.45	4.55	4.70	4.85	4.60	4.71	4.86	5.02
		AMPS	13.9	14.3	14.7	15.3	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.5	17.9	18.5	19.2	18.6	19.0	19.7	20.4	19.7	20.2	20.8	21.6
		HI PR	219	235	248	259	245	264	279	291	279	300	317	331	318	342	361	377	357	385	406	424	395	425	449	468
		LO PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	130	139	152	161
	1750	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		Delta T	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	22	25	25	24	21
		KW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.76	4.92	4.67	4.77	4.93	5.10
		AMPS	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.3	20.0	20.7	20.0	20.5	21.2	22.0
		HI PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476
		LO PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
	2000	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		Delta T	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	23	20
		KW	3.64	3.71	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.38	4.52	4.37	4.46	4.61	4.76	4.55	4.65	4.80	4.96	4.71	4.81	4.97	5.14
		AMPS	14.3	14.6	15.1	15.6	15.4	15.8	16.3	16.9	16.7	17.2	17.7	18.4	17.9	18.3	18.9	19.7	19.0	19.5	20.2	20.9	20.2	20.7	21.4	22.2
		HI PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	437	461	481
		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

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

High and low pressures are measured at the liquid and suction service valves.

PERFORMANCE DATA

SSZ160241A* / CA*F3636*6A*+TXV/ MBE1600-1**
Conditions: 80°F IDB, 67°F IWB @ 875 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	25,200	18,540	6,660	1,645
80°	24,900	18,553	6,347	1,697
85°	24,600	18,559	6,041	1,749
90°	24,300	18,628	5,672	1,795
95°	**24,000**	**18,690**	**5,310**	**1,841**
100°	23,400	18,568	4,832	1,880
105°	22,800	18,428	4,372	1,919
110°	21,960	17,824	4,136	1,952
115°	21,120	17,213	3,907	1,986
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	22,239	18,503	3,736	1,768

SSZ160361A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 80°F IDB, 67°F IWB @ 1200 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	36,330	25,939	10,391	2,276
80°	35,898	25,956	9,941	2,350
85°	35,465	25,966	9,499	2,424
90°	35,033	26,062	8,970	2,489
95°	34,600	26,149	8,451	2,554
100°	33,735	25,978	7,757	2,609
105°	32,870	25,783	7,087	2,665
110°	31,659	24,937	6,722	2,713
115°	30,448	24,083	6,365	2,760
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	32,062	25,887	6,175	2,451

SSZ160481A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 80°F IDB, 67°F IWB @ 1550 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	49,875	36,207	13,668	3,061
80°	49,281	36,231	13,050	3,158
85°	48,688	36,244	12,444	3,255
90°	48,094	36,379	11,715	3,340
95°	**47,500**	**36,499**	**11,001**	**3,425**
100°	46,313	36,261	10,051	3,497
105°	45,125	35,988	9,137	3,570
110°	43,463	34,808	8,655	3,632
115°	41,800	33,616	8,184	3,695
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	44,015	36,134	7,881	3,290

SSZ160601A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 80°F IDB, 67°F IWB @ 1800 CFM

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	59,850	41,729	18,121	4,105
80°	59,138	41,757	17,381	4,239
85°	58,425	41,772	16,653	4,374
90°	57,713	41,927	15,786	4,493
95°	**57,000**	**42,066**	**14,934**	**4,612**
100°	55,575	41,791	13,784	4,712
105°	54,150	41,477	12,673	4,813
110°	52,155	40,116	12,039	4,901
115°	50,160	38,743	11,417	4,988
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	52,818	41,645	11,173	4,423

SSZ160601B* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 80°F IDB, 67°F IWB @ 1200 CFM LOW STAGE

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	42,221	28,720	13,501	2,729
80°	41,718	28,734	12,984	2,817
85°	41,215	28,749	12,467	2,906
90°	40,713	28,850	11,863	2,983
95°	**40,210**	**28,951**	**11,259**	**3,061**
100°	39,205	28,749	10,456	3,127
105°	38,200	28,546	9,654	3,193
110°	36,792	27,605	9,187	3,250
115°	35,385	26,664	8,721	3,307
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	37,260	28,662	8,599	2,938

SSZ160601B* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 80°F IDB, 67°F IWB @ 1800 CFM HIGH STAGE

Outdoor Temp. ° F.	Total Btuh	Sensible Btuh	Latent Btuh	Total Watts
75°	59,850	41,729	18,121	4,055
80°	59,138	41,751	17,387	4,182
85°	58,425	41,772	16,653	4,309
90°	57,713	41,919	15,794	4,422
95°	**57,000**	**42,066**	**14,934**	**4,534**
100°	55,575	41,772	13,803	4,629
105°	54,150	41,477	12,673	4,725
110°	52,155	40,110	12,045	4,807
115°	50,160	38,743	11,417	4,890
TVA Conditions @ 95° OD DB, 75° OD DB. 63° OD WB				
95°	52,800	41,712	11,088	4,356

SPLIT SYSTEM HEATING PERFORMANCE SSZ160241A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ160241A* / CA*F3636*6A* + TXV / MBE1600-1** **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	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
Delta T	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
KW	1.79	1.75	1.72	1.68	**1.66**	1.65	1.62	1.58	1.68	1.64	1.60	1.58	1.56	1.52	1.48	1.45	1.41	1.37
AMPS	8.4	7.8	7.3	6.9	6.7	6.6	6.2	5.9	5.7	5.4	5.2	5.1	5.0	4.7	4.4	4.2	3.9	3.5
COP	4.93	4.76	4.57	4.37	4.22	4.13	3.91	3.69	3.26	3.08	2.91	2.79	2.71	2.49	2.27	2.03	1.78	1.50
EER	16.9	16.3	15.6	14.9	14.4	14.1	13.4	12.6	11.2	10.5	9.9	9.5	9.3	8.5	7.7	6.9	6.1	5.1

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

**Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature*

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE PRESSURE CHART

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	Liq	Suct	Liq	Suct
740	65	266	64	277	72	288	79	298	87	309	95	320	102	331	110	342	118	353	125	364	133	375	141
	70	286	64	297	71	308	79	319	87	330	94	341	102	351	110	362	117	373	125	384	133	395	140
	75	306	64	318	71	329	79	340	86	351	94	362	102	373	109	384	117	395	125	406	132	417	140
850	65	257	63	267	71	278	79	288	86	299	94	309	101	320	109	330	117	341	124	351	132	362	140
	70	276	64	287	71	297	79	308	87	318	94	329	102	340	110	350	117	361	125	371	132	382	140
	75	296	64	307	72	318	79	329	87	339	95	350	102	361	110	371	118	382	125	392	133	403	141
960	65	251	63	261	71	271	78	281	86	291	94	301	101	312	109	322	117	332	124	342	132	353	140
	70	269	64	280	71	290	79	300	87	311	94	321	102	331	109	341	117	352	125	362	132	372	140
	75	289	64	299	72	310	79	320	87	331	95	341	102	352	110	362	118	372	125	383	133	393	140

Label p/n: 0140R00187-A

SPLIT SYSTEM HEATING PERFORMANCE SSZ160361A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ160361A* / CA*F4860*6A*+TXV/ MBE2000-1** **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	43.2	40.9	38.5	36.0	**34.4**	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
Delta T	33.4	31.6	29.7	27.8	26.5	25.7	23.9	22.0	20.2	18.6	17.2	16.2	15.6	14.0	12.4	10.8	9.2	7.6
KW	2.70	2.65	2.59	2.54	**2.51**	2.48	2.43	2.37	2.46	2.40	2.34	2.31	2.28	2.22	2.16	2.11	2.05	1.99
AMPS	13.1	12.1	11.3	10.6	10.3	10.1	9.5	9.0	8.6	8.2	7.9	7.7	7.6	7.2	6.7	6.3	5.8	5.3
COP	4.68	4.52	4.35	4.15	4.02	3.93	3.73	3.52	3.12	2.95	2.78	2.67	2.59	2.39	2.17	1.95	1.71	1.44
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	10.6	10.1	9.5	9.1	8.9	8.2	7.4	6.7	5.8	4.9

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

**Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature*

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE PRESSURE CHART

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 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	Liq	Suct	Liq	Suct
1010	65	259	61	266	69	273	77	280	85	287	93	294	101	302	109	309	117	316	125	323	133	330	141
	70	279	61	286	69	292	77	299	85	306	93	313	101	320	109	327	117	334	125	341	133	348	141
	75	299	60	306	68	313	76	320	84	326	92	333	100	340	108	347	116	354	124	361	132	368	140
1150	65	251	60	257	68	264	76	271	84	278	92	284	100	291	108	298	116	305	124	312	132	319	140
	70	269	61	276	69	283	77	289	85	296	93	303	101	310	109	316	116	323	124	330	132	337	140
	75	288	61	295	69	302	77	309	85	315	93	322	101	329	109	335	117	342	125	349	133	355	141
1290	65	244	60	251	68	257	76	264	84	271	92	277	100	284	108	291	116	297	124	304	132	311	140
	70	262	61	269	69	276	76	282	84	289	92	295	100	302	108	308	116	315	124	322	132	328	140
	75	281	61	288	69	294	77	301	85	308	93	314	101	321	109	327	117	334	125	340	133	346	141

Label p/n: 0140R00188-A

SPLIT SYSTEM HEATING PERFORMANCE SSZ160481A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ160481A* / CA*F4860*6A* + TXV / MBE2000-1** **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	59.1	55.9	52.6	49.2	**47.0**	45.5	42.3	39.0	35.4	32.6	30.1	28.4	27.3	24.5	21.7	19.0	16.2	13.3
Delta T	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	21.1	19.5	18.0	17.0	16.3	14.7	13.0	11.3	9.7	7.9
KW	3.69	3.62	3.54	3.47	**3.43**	3.40	3.32	3.25	3.14	3.06	2.99	2.95	2.92	2.85	2.78	2.71	2.63	2.56
AMPS	17.6	16.3	15.2	14.3	13.8	13.5	12.7	12.1	11.5	11.0	10.5	10.2	10.1	9.6	8.9	8.4	7.7	6.9
COP	4.68	4.52	4.35	4.15	4.01	3.93	3.72	3.51	3.30	3.12	2.94	2.82	2.74	2.52	2.29	2.05	1.80	1.51
EER	16.0	15.5	14.9	14.2	13.7	13.4	12.7	12.0	11.3	10.7	10.0	9.6	9.4	8.6	7.8	7.0	6.1	5.2

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

**Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature*

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE PRESSURE CHART

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 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	Liq	Suct	Liq	Suct
1440	65	279	61	289	69	300	76	310	84	320	91	330	99	340	106	350	114	361	121	371	129	381	136
	70	300	61	310	68	321	76	331	83	341	91	351	98	362	106	372	113	382	121	392	128	402	136
	75	322	61	332	68	343	76	353	83	363	91	374	98	384	105	394	113	404	120	415	128	425	135
1650	65	270	61	280	68	289	75	299	83	309	90	319	98	329	105	339	113	349	120	358	128	368	135
	70	290	61	300	68	310	76	320	83	330	91	339	98	349	106	359	113	369	121	379	128	389	135
	75	311	61	321	69	331	76	341	84	351	91	361	99	371	106	381	114	391	121	401	128	410	136
1860	65	263	60	273	68	282	75	292	83	301	90	311	98	320	105	330	113	340	120	350	127	359	135
	70	283	61	292	68	302	76	312	83	321	91	331	98	341	105	350	113	360	120	369	128	379	135
	75	303	61	313	69	323	76	333	84	342	91	352	99	362	106	371	113	381	121	391	128	400	136

Label p/n: 0140R00189-A

SPLIT SYSTEM HEATING PERFORMANCE SSZ160601A*

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601A* / CA*F4860*6A* + TXV / MBE2000-1** **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	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
Delta T	36.9	34.9	32.8	30.7	29.3	28.4	26.4	24.3	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
KW	4.73	4.63	4.53	4.44	**4.38**	4.34	4.25	4.15	4.27	4.16	4.06	4.00	3.96	3.86	3.76	3.66	3.55	3.45
AMPS	21.7	20.0	18.7	17.6	16.9	16.6	15.6	14.8	14.1	13.5	12.8	12.5	12.3	11.6	10.8	10.2	9.3	8.4
COP	4.44	4.29	4.12	3.94	3.81	3.73	3.54	3.34	3.08	2.91	2.75	2.63	2.56	2.36	2.15	1.92	1.69	1.42
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	10.5	9.9	9.4	9.0	8.7	8.1	7.3	6.6	5.8	4.9
HI PR	395	379	364	348	340	334	321	308	295	282	270	264	259	249	240	230	222	214
LO PR	133	124	116	106	101	97	89	79	71	64	56	52	50	43	37	31	27	21

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

**Note: Shaded area is ARI Rating Conditions at 47° outdoor ambient temberature*

SPLIT SYSTEM HEATING PERFORMANCE SSZ160601B*

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - LOW STAGE **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5	-10
MBh	49.9	47.3	44.5	41.6	39.7	38.5	35.8	33.0	30.8	28.4	26.2	24.7	23.8	21.3	18.9	16.5	14.1	11.5
T/R	40.2	38.1	35.8	33.5	32.0	31.0	28.8	26.5	24.8	22.9	21.1	19.9	19.2	17.2	15.2	13.3	11.3	9.3
KW	3.51	3.44	3.36	3.29	3.25	3.22	3.15	3.08	3.47	3.38	3.30	3.25	3.22	3.13	3.05	2.96	2.88	2.79
AMPS	18.3	16.9	15.9	14.9	14.4	14.1	13.3	12.7	12.1	11.6	11.1	10.8	10.7	10.1	9.5	8.9	8.3	7.5
COP	4.17	4.03	3.87	3.70	3.58	3.50	3.32	3.14	2.60	2.46	2.32	2.22	2.16	2.00	1.82	1.63	1.43	1.21
EER	14.2	13.8	13.2	12.6	12.2	12.0	11.4	10.7	8.9	8.4	7.9	7.6	7.4	6.8	6.2	5.6	4.9	4.1

EXPANDED PERFORMANCE DATA

MODEL: SSZ160601B* CAPF4961D6 MBVC2000A - HIGH STAGE **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5		-5	-10
MBh	71.0	67.2	63.3	59.2	56.5	54.7	50.9	46.9	44.6	41.2	37.9	35.8	34.5	30.9	27.4	23.9	20.4	16.7
T/R	37.6	35.6	33.5	31.3	29.9	29.0	26.9	24.8	23.6	21.8	20.1	18.9	18.2	16.4	14.5	12.7	10.8	8.8
KW	4.67	4.58	4.49	4.40	4.34	4.30	4.22	4.12	4.62	4.51	4.41	4.34	4.30	4.19	4.08	3.98	3.87	3.76
AMPS	22.9	21.2	19.9	18.7	18.0	17.7	16.6	15.8	15.1	14.4	13.7	13.4	13.2	12.6	11.7	11.0	10.2	9.2
COP	4.45	4.30	4.13	3.94	3.81	3.72	3.53	3.33	2.82	2.67	2.52	2.41	2.35	2.16	1.97	1.76	1.54	1.30
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.4

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

**Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature*

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

HEATING MODE PRESSURE CHART

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	Liq	Suct	Liq	Suct
Low Stage	1050	65	276	56	284	65	293	73	301	82	310	91	319	99	328	108	336	116	345	125	354	134	363	142
		70	296	56	305	65	313	73	322	82	331	90	339	99	348	107	357	116	365	125	374	133	383	142
		75	317	56	326	64	335	73	344	81	352	90	361	99	370	107	378	116	387	124	395	133	404	141
	1200	65	266	56	275	64	283	73	291	81	300	90	308	98	316	107	325	115	333	124	342	132	350	141
		70	286	56	294	65	303	73	311	82	320	90	328	99	336	107	345	116	353	124	361	133	370	141
		75	307	56	315	65	324	74	332	82	340	91	349	99	357	108	365	116	374	125	382	133	390	142
	1350	65	260	56	268	64	276	73	284	81	292	90	300	98	309	107	317	115	325	124	333	132	342	141
		70	279	56	287	64	295	73	303	82	312	90	320	99	328	107	336	116	344	124	352	133	361	141
		75	299	56	307	65	316	73	324	82	332	91	340	99	348	108	356	116	364	125	372	133	380	142
High Stage	1580	65	283	56	290	63	296	70	302	78	308	85	314	92	321	100	327	107	333	114	340	122	346	129
		70	304	55	310	63	317	70	323	77	329	85	335	92	341	99	347	107	353	114	359	121	365	129
		75	326	55	332	63	338	70	344	77	350	84	356	92	362	99	368	106	374	114	380	121	385	128
	1800	65	274	55	280	62	286	70	292	77	298	84	304	91	310	99	316	106	322	113	328	121	334	128
		70	294	56	300	63	306	70	312	77	318	85	323	92	329	99	335	106	341	114	347	121	353	128
		75	315	56	321	63	327	70	333	78	338	85	344	92	350	100	355	107	361	114	367	121	372	129
	2030	65	267	55	273	62	279	70	284	77	290	84	296	91	302	99	308	106	314	113	320	120	326	128
		70	287	55	292	63	298	70	304	77	310	84	315	92	321	99	327	106	333	114	338	121	344	128
		75	307	56	313	63	319	70	324	78	330	85	335	92	341	99	347	107	352	114	358	121	363	129

Label p/n: 0140R00181-A

HEATING SPECIFICATIONS

SSZ160241A* / CA*F3636*6A*+TXV/ MBE1600-1**
Conditions: 875 CFM @ 70°F Indoor Air

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	4.93	46.55	62.93	79.32	95.70
60	28.56	4.76	44.94	61.32	77.71	94.09
55	26.88	4.57	43.26	59.64	76.03	92.41
50	25.13	4.37	41.51	57.89	74.28	90.66
45	23.26	4.13	39.64	56.02	72.40	88.79
40	21.60	3.91	37.98	54.36	70.75	87.13
35	19.92	3.69	36.30	52.68	69.07	85.45
30	18.69	3.26	35.07	51.45	67.84	84.22
25	17.25	3.08	33.63	50.01	66.40	82.78
20	15.89	2.91	32.27	48.65	65.03	81.41
15	14.45	2.71	30.83	47.21	63.59	79.97
10	12.96	2.49	29.34	45.72	62.11	78.49
5	11.49	2.27	27.87	44.25	60.64	77.02
0	10.02	2.03	26.40	42.78	59.17	75.55
-5	8.55	1.78	24.93	41.31	57.70	74.08
-10	7.01	1.50	23.39	39.77	56.15	72.53

SSZ160361A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 1200 CFM @ 70°F Indoor Air

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	43.24	4.68	59.62	76.01	92.39	108.77
60	40.94	4.52	57.32	73.70	90.08	106.47
55	38.53	4.35	54.91	71.29	87.68	104.06
50	36.02	4.15	52.40	68.78	85.16	101.55
45	33.33	3.93	49.72	66.10	82.48	98.86
40	30.96	3.73	47.34	63.72	80.11	96.49
35	28.55	3.52	44.93	61.32	77.70	94.08
30	26.17	3.12	42.55	58.93	75.31	91.70
25	24.15	2.95	40.53	56.91	73.30	89.68
20	22.24	2.78	38.62	55.00	71.39	87.77
15	20.22	2.59	36.61	52.99	69.37	85.75
10	18.14	2.39	34.53	50.91	67.29	83.67
5	16.09	2.17	32.47	48.85	65.23	81.62
0	14.03	1.95	30.41	46.79	63.18	79.56
-5	11.97	1.71	28.35	44.73	61.12	77.50
-10	9.81	1.44	26.19	42.57	58.95	75.34

SSZ160481A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions: 1550 CFM @ 70°F Indoor Air

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	59.08	4.68	75.46	91.84	108.23	124.61
60	55.93	4.52	72.31	88.69	105.08	121.46
55	52.64	4.35	69.02	85.40	101.79	118.17
50	49.21	4.15	65.59	81.97	98.36	114.74
45	45.54	3.93	61.93	78.31	94.69	111.07
40	42.30	3.72	58.68	75.06	91.45	107.83
35	39.01	3.51	55.39	71.77	88.16	104.54
30	35.37	3.30	51.75	68.13	84.52	100.90
25	32.64	3.12	49.03	65.41	81.79	98.17
20	30.06	2.94	46.44	62.83	79.21	95.59
15	27.34	2.74	43.72	60.10	76.48	92.87
10	24.53	2.52	40.91	57.29	73.67	90.06
5	21.74	2.29	38.13	54.51	70.89	87.27
0	18.96	2.05	35.34	51.73	68.11	84.49
-5	16.18	1.80	32.56	48.94	65.33	81.71
-10	13.26	1.51	29.64	46.02	62.40	78.79

SSZ160601A* / CA*F4860*6A*+TXV/ MBE2000-1**
Conditions:1800 CFM @ 70°F Indoor Air

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	4.44	88.03	104.41	120.80	137.18
60	67.83	4.29	84.21	100.59	116.98	133.36
55	63.84	4.12	80.22	96.60	112.99	129.37
50	59.68	3.94	76.06	92.44	108.83	125.21
45	55.23	3.73	71.62	88.00	104.38	120.76
40	51.30	3.54	67.68	84.06	100.45	116.83
35	47.31	3.34	63.69	80.07	96.46	112.84
30	44.86	3.08	61.24	77.62	94.00	110.39
25	41.40	2.91	57.78	74.16	90.55	106.93
20	38.12	2.75	54.51	70.89	87.27	103.65
15	34.67	2.56	51.05	67.43	83.82	100.20
10	31.10	2.36	47.49	63.87	80.25	96.63
5	27.58	2.15	43.96	60.34	76.72	93.11
0	24.05	1.92	40.43	56.81	73.20	89.58
-5	20.52	1.69	36.90	53.28	69.67	86.05
-10	16.81	1.42	33.19	49.58	65.96	82.34

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

HEATING SPECIFICATIONS

SSZ160601B* / CA*F4860*6A*+TXV/ MBE2000**-1 Conditions:1200 CFM @ 70°F DB, LOW STAGE						
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	49.94	4.17	66.31	82.69	99.07	115.45
60	47.27	4.03	63.65	80.03	96.41	112.78
55	44.49	3.88	60.87	77.25	93.63	110.00
50	41.59	3.70	57.97	74.35	90.73	107.10
45	38.49	3.50	54.87	71.25	87.63	104.00
40	35.75	3.33	52.13	68.51	84.89	101.26
35	32.97	3.14	49.35	65.73	82.11	98.48
30	30.78	2.60	47.15	63.53	79.91	96.29
25	28.41	2.46	44.78	61.16	77.54	93.92
20	26.16	2.32	42.53	58.91	75.29	91.67
15	23.79	2.17	40.16	56.54	72.92	89.30
10	21.34	2.00	37.72	54.10	70.47	86.85
5	18.92	1.82	35.30	51.68	68.05	84.43
0	16.50	1.63	32.88	49.25	65.63	82.01
-5	14.08	1.43	30.46	46.83	63.21	79.59
-10	11.53	1.21	27.91	44.29	60.67	77.05

SSZ160601B* / CA*F4860*6A*+TXV/ MBE2000**-1 Conditions:1800 CFM @ 70°F DB, HIGH STAGE						
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	71.02	4.45	87.40	103.78	120.15	136.53
60	67.24	4.30	83.61	99.99	116.37	132.75
55	63.28	4.13	79.66	96.04	112.41	128.79
50	59.16	3.94	75.53	91.91	108.29	124.67
45	54.75	3.73	71.13	87.50	103.88	120.26
40	50.85	3.54	67.23	83.61	99.98	116.36
35	46.90	3.33	63.27	79.65	96.03	112.41
30	44.61	2.83	60.98	77.36	93.74	110.12
25	41.17	2.67	57.55	73.93	90.30	106.68
20	37.91	2.52	54.29	70.67	87.05	103.42
15	34.48	2.35	50.85	67.23	83.61	99.99
10	30.93	2.16	47.31	63.69	80.06	96.44
5	27.42	1.97	43.80	60.18	76.56	92.93
0	23.91	1.76	40.29	56.67	73.05	89.42
-5	20.41	1.55	36.78	53.16	69.54	85.92
-10	16.72	1.30	33.10	49.47	65.85	82.23

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

PERFORMANCE DATA

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.

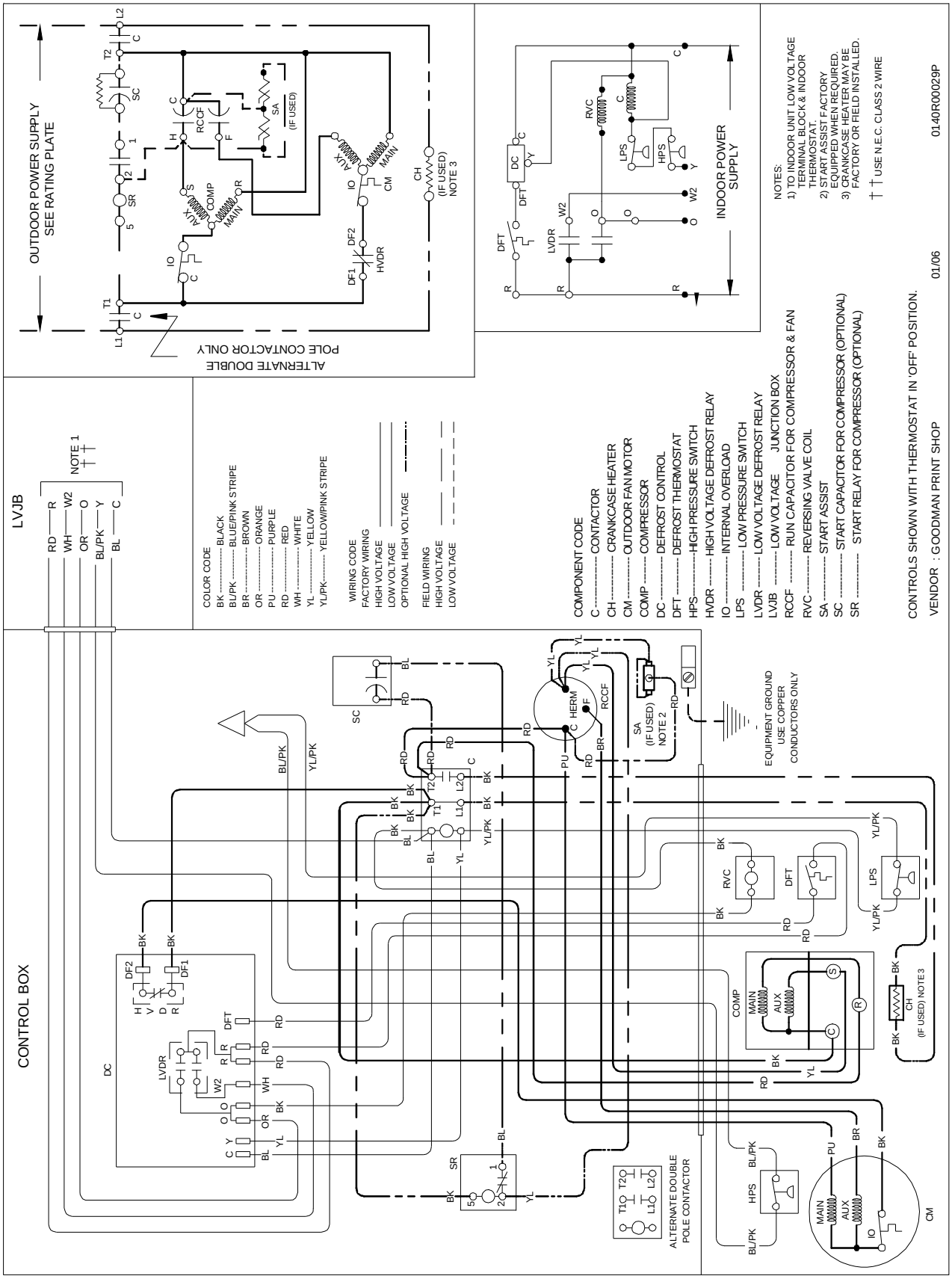
A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.

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

WIRING DIAGRAMS SSZ160[24]1AA-AF; SSZ160[36-48]1AA-AD

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



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

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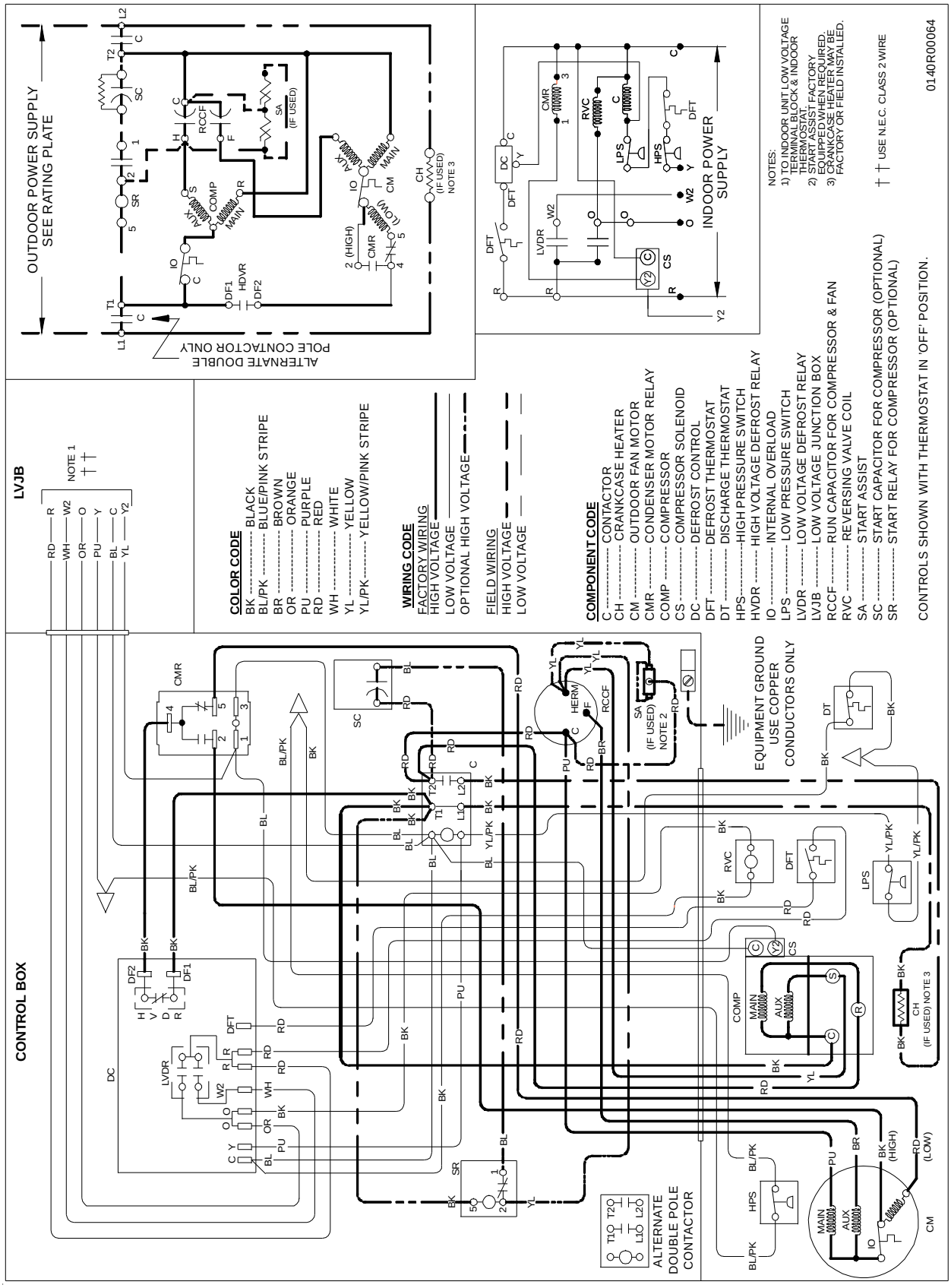

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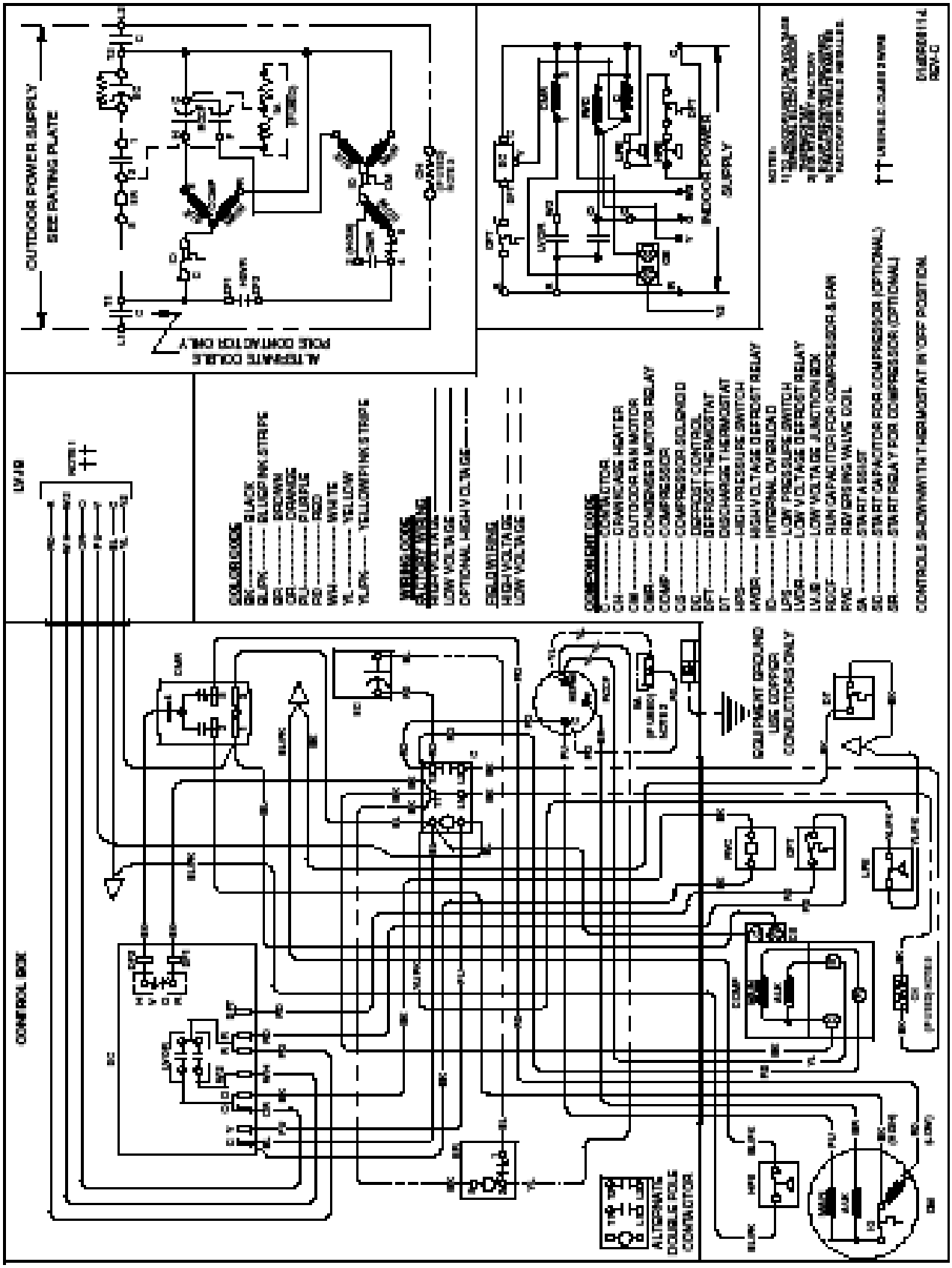

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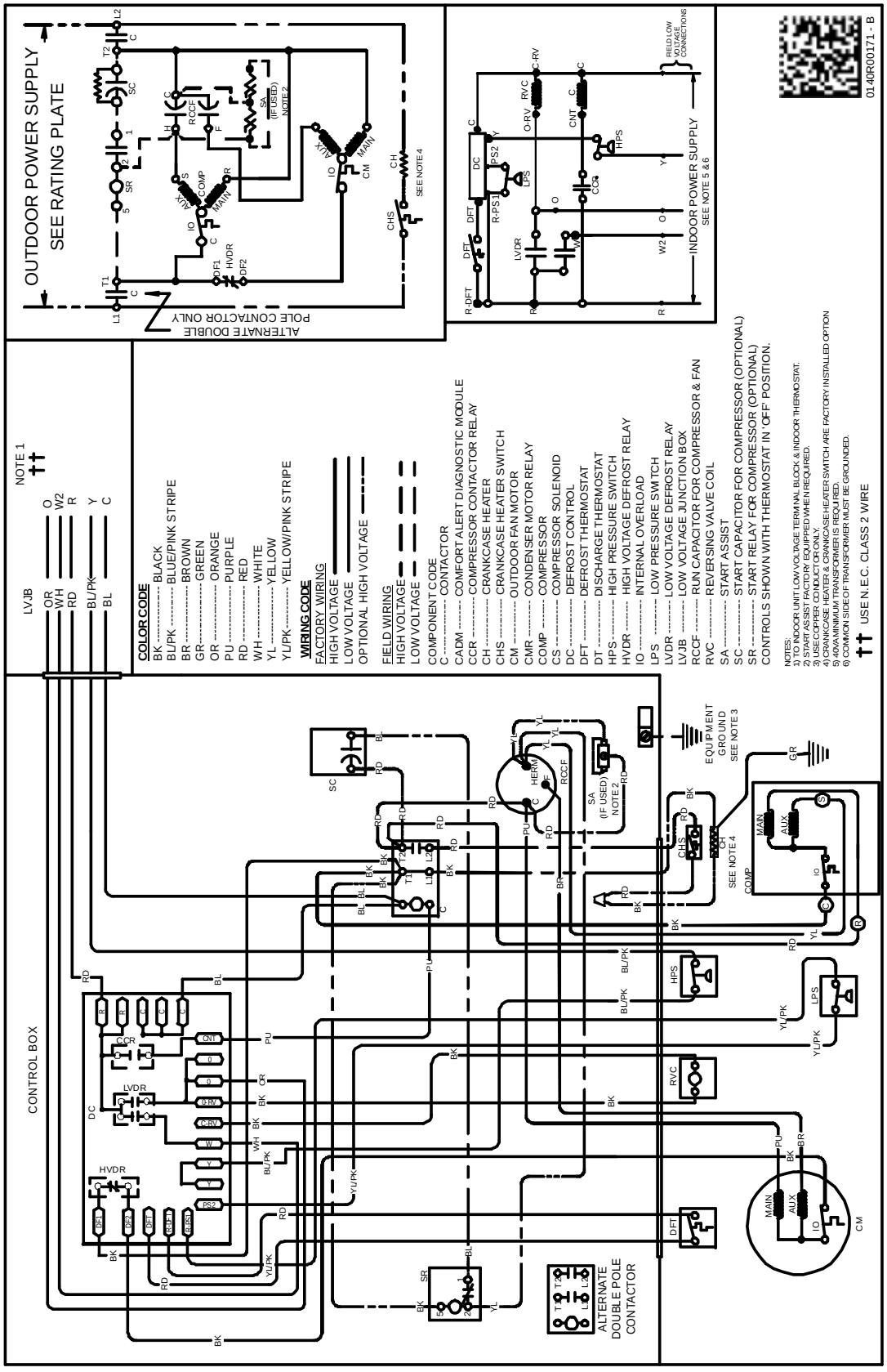

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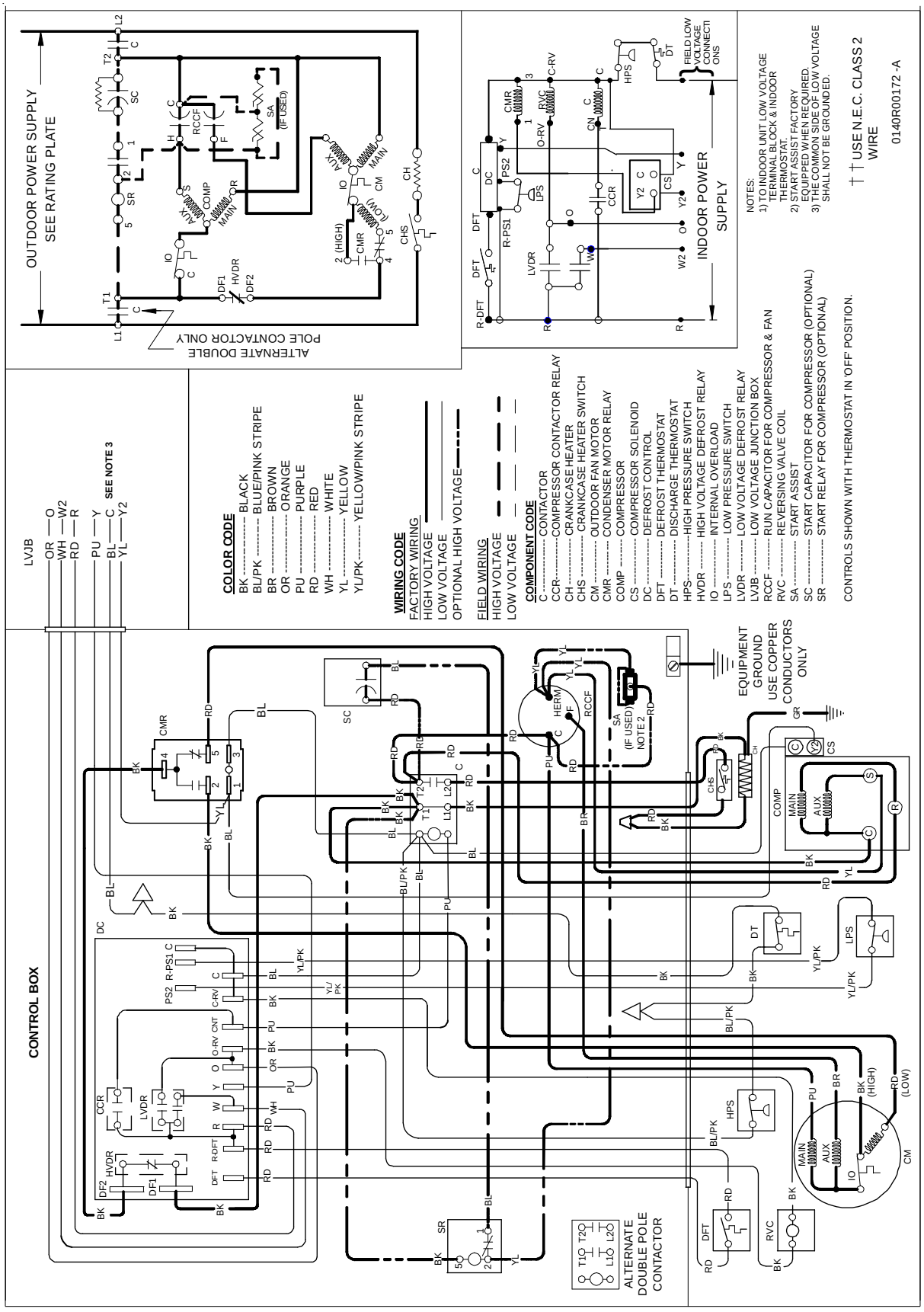

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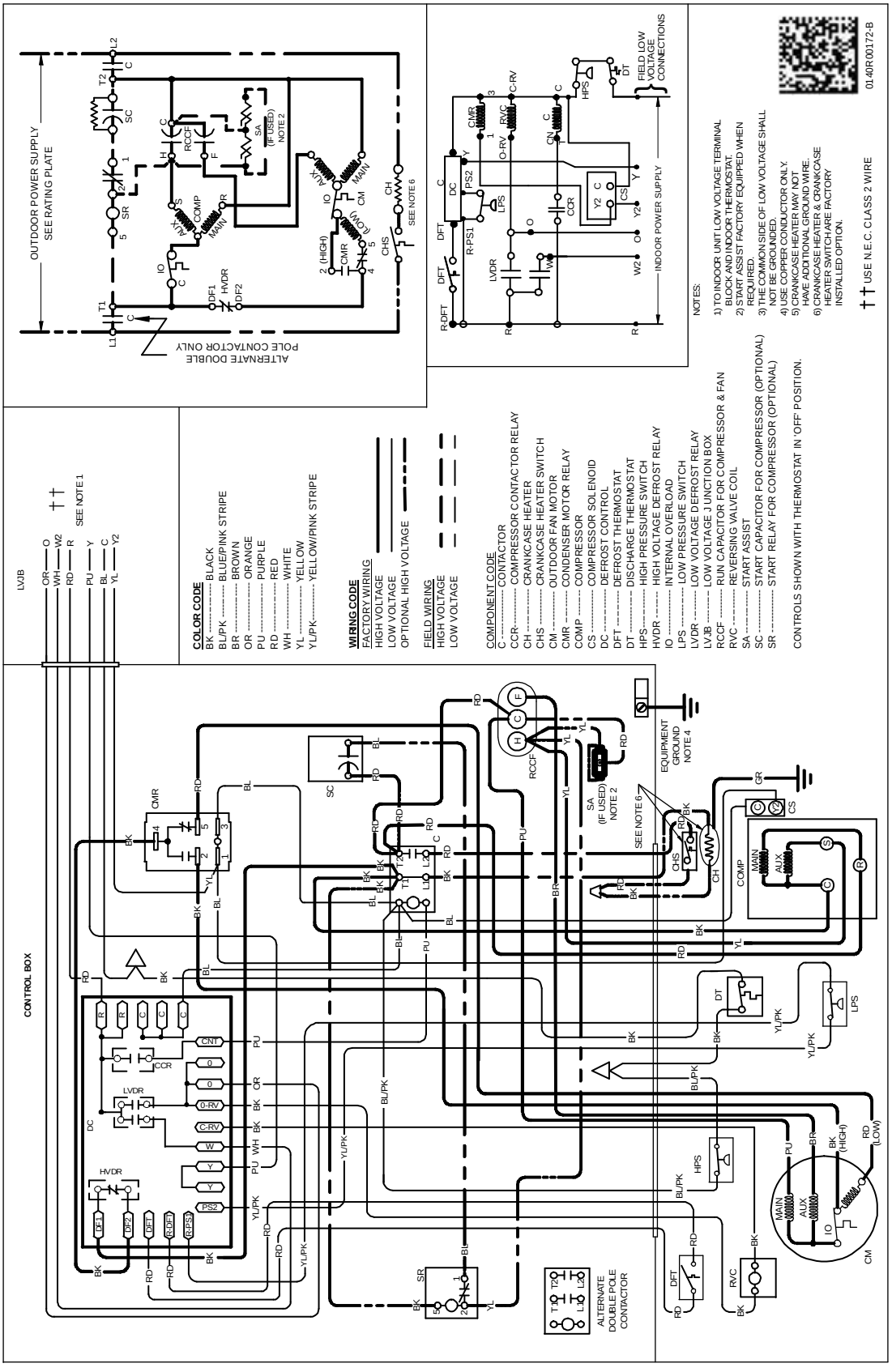

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