

SSZ14LL

HIGH-EFFICIENCY, R-410A

SPLIT SYSTEM HEAT PUMP

COOLING CAPACITY: 18,000 TO 36,000 BTU/H
HEATING CAPACITY: 18,000 TO 36,000 BTU/H

UP TO 15 SEER & 8.5 HSPF



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Standard Features

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- High density foam compressor sound blanket
- SmartShift™ technology to ensure quiet reliable defrost
- Bi-flow liquid line filter drier and piston assembly (must be field-installed)
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Amana® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from you local dealer or at www.amana-hac.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

NOMENCLATURE

	S	S	Z	14	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand									Engineering *
S Amana® Distinctions™ (High Feature Set Model)									Minor Revision
Product Category									Engineering *
S Split System									Major Revision
Unit Type									Electrical
X Condenser R-410A									1 208/230 V, 1 Phase, 60 Hz
Z Heat Pump R-410A									2 220/240 V, 1 Phase, 50 Hz
									3 208/230 V, 3 Phase, 60 Hz
									4 460 V, 3 Phase, 60 Hz
Efficiency									Nominal Capacity
13 13 SEER									018 1½ Tons
14 14 SEER									036 3 Tons
16 16 SEER									019 1½ Tons
									037 3 Tons
									024 2 Tons
									042 3½ Tons
									025 2 Tons
									048 4 Tons
									030 2½ Tons
									060 5 Tons
									031 2½ Tons
* Neither used for order entry or inventory management.									



SPECIFICATIONS

	SSZ14 0191A	SSZ14 0251A	SSZ14 0311A	SSZ14 0371A
NOMINAL CAPACITIES				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	18,000	24,000	30,000	36,000
Decibels	70	72	72	74
COMPRESSOR				
RLA	9.0	12.8	14.1	14.1
LRA	48.0	58.3	73.0	77.0
CONDENSER FAN MOTOR				
Horsepower	1/12	1/6	1/6	¼
FLA	0.6	1.1	1.0	1.5
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	¾"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	¾"	¾"	¾"	¾"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	140	160	185	186
ELECTRICAL DATA				
Volts / Hz / Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ²	11.9	17.1	18.6	19.1
Max. Overcurrent Protection ³	20	25	30	30
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	199	207	219	215

¹ Tested and rated in accordance with ARI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply ⅝" to 1⅝" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅝" 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.

COOLING DATA — SSZ140191A* / ARPT24B14A*

		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	525	MBh	16.9	17.5	19.2	-	16.5	17.1	18.7	-	16.1	16.7	18.3	-	15.7	16.3	17.8	-	14.9	15.5	16.9	-	13.8	14.3	15.7	-	13.8	14.3	15.7	-	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-	
		kW	1.06	1.08	1.10	-	1.12	1.14	1.17	-	1.18	1.20	1.23	-	1.23	1.25	1.29	-	1.28	1.30	1.34	-	1.31	1.34	1.38	-	1.31	1.34	1.38	-	
		Amps	3.9	4.0	4.1	-	4.2	4.3	4.4	-	4.6	4.7	4.8	-	4.9	5.0	5.1	-	5.1	5.3	5.4	-	5.4	5.6	5.7	-	5.4	5.6	5.7	-	
		Hi PR	208	223	236	-	233	251	265	-	265	285	301	-	302	325	343	-	340	365	386	-	375	404	426	-	375	404	426	-	
	LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-	131	140	152	-		
	580	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-	14.0	14.5	15.9	-	
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-	
kW		1.07	1.09	1.12	-	1.14	1.16	1.19	-	1.19	1.22	1.25	-	1.25	1.27	1.31	-	1.29	1.32	1.35	-	1.33	1.35	1.39	-	1.33	1.35	1.39	-		
Amps		4.0	4.1	4.2	-	4.3	4.4	4.5	-	4.6	4.7	4.9	-	4.9	5.0	5.2	-	5.2	5.3	5.5	-	5.5	5.7	5.8	-	5.5	5.7	5.8	-		
Hi PR		211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	392	-	382	411	434	-	382	411	434	-		
LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-			
675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-	14.4	15.0	16.4	-		
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-		
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-		
	kW	1.08	1.09	1.12	-	1.14	1.16	1.19	-	1.20	1.22	1.26	-	1.26	1.28	1.31	-	1.30	1.32	1.36	-	1.34	1.36	1.40	-	1.34	1.36	1.40	-		
	Amps	4.0	4.1	4.2	-	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.0	5.1	5.2	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.6	5.7	5.9	-		
	Hi PR	213	230	242	-	239	258	272	-	272	293	309	-	310	334	352	-	349	375	396	-	385	415	438	-	385	415	438	-		
LO PR	108	115	125	-	114	121	132	-	118	126	138	-	124	132	145	-	130	139	151	-	135	143	157	-	135	143	157	-			
75	525	MBh	17.2	17.7	19.1	20.5	16.8	17.3	18.7	20.0	16.4	16.8	18.2	19.6	16.0	16.4	17.8	19.1	15.2	15.6	16.9	18.1	14.0	14.5	15.6	16.8	14.0	14.5	15.6	16.8	
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	
		ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12	22	20	17	12	
		kW	1.06	1.08	1.11	1.14	1.13	1.15	1.18	1.21	1.19	1.21	1.24	1.28	1.24	1.26	1.30	1.34	1.28	1.31	1.35	1.38	1.32	1.35	1.39	1.43	1.32	1.35	1.39	1.43	
		Amps	4.0	4.0	4.2	4.3	4.3	4.4	4.5	4.6	4.6	4.7	4.9	5.0	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.5	5.6	5.8	6.0	
		Hi PR	210	226	238	249	235	253	267	279	268	288	304	317	305	328	346	361	343	369	390	407	379	408	431	449	379	408	431	449	
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	133	141	154	164		
	580	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1	14.3	14.7	15.9	17.1	
		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	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41	
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	21	19	16	11	
kW		1.08	1.09	1.12	1.15	1.14	1.16	1.19	1.23	1.20	1.23	1.26	1.29	1.26	1.28	1.31	1.35	1.30	1.32	1.36	1.40	1.34	1.36	1.40	1.44	1.34	1.36	1.40	1.44		
Amps		4.0	4.1	4.2	4.4	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.6	5.7	5.9	6.1		
Hi PR		213	230	242	253	239	258	272	284	272	293	309	323	310	334	352	368	349	375	396	414	386	415	438	457	386	415	438	457		
LO PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	135	144	157	167			
675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6	14.7	15.1	16.4	17.6		
	S/T	0.86	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43	0.98	0.88	0.66	0.43		
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10		
	kW	1.08	1.10	1.13	1.16	1.15	1.17	1.20	1.24	1.21	1.23	1.27	1.30	1.26	1.29	1.32	1.36	1.31	1.33	1.37	1.41	1.35	1.37	1.41	1.45	1.35	1.37	1.41	1.45		
	Amps	4.1	4.1	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	5.6	5.7	5.9	6.2		
	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	389	419	442	461		
LO PR	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	169	136	145	158	169			
IDB: Entering Indoor Dry Bulb Temperature		Shaded area reflects ACCA (TVA) conditions																												kW = Total system power	
High and low pressures are measured at the liquid and suction service valves.		Amps = outdoor unit amps (comp.+fan)																													

COOLING DATA — SSZ140191A* / ARPT24B14A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	MBh	17.5	17.8	19.1	20.4	17.1	17.4	18.6	19.9	16.6	17.0	18.2	19.4	16.2	16.6	17.7	19.0	15.4	15.8	16.8	18.0	14.3	14.6	15.6	16.7	14.3	14.6	15.6	16.7	14.3	14.6	15.6	16.7				
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57				
	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17	25	24	21	17	25	24	21	17				
	kW	1.07	1.09	1.12	1.15	1.14	1.16	1.19	1.22	1.20	1.22	1.25	1.29	1.25	1.25	1.27	1.31	1.29	1.29	1.32	1.36	1.33	1.36	1.40	1.44	1.33	1.36	1.40	1.44	1.33	1.36	1.40	1.44				
	Amps	4.0	4.1	4.2	4.4	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	4.9	5.1	5.2	5.4	5.2	5.4	5.5	5.7	5.5	5.7	5.8	6.1	5.5	5.7	5.8	6.1	5.5	5.7	5.8	6.1				
80	Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	373	394	411	383	412	435	454	383	412	435	454	383	412	435	454				
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	134	143	156	166	134	143	156	166				
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9	14.5	14.8	15.8	16.9	14.5	14.8	15.8	16.9				
	S/T	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59				
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	23	23	20	16	23	23	20	16	23	23	20	16				
80	kW	1.08	1.10	1.13	1.16	1.15	1.17	1.20	1.24	1.21	1.23	1.27	1.30	1.26	1.29	1.32	1.36	1.31	1.33	1.37	1.41	1.35	1.37	1.41	1.46	1.35	1.37	1.41	1.46	1.35	1.37	1.41	1.46				
	Amps	4.1	4.1	4.3	4.4	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.8	5.9	6.2	5.6	5.8	5.9	6.2	5.6	5.8	5.9	6.2				
	Hi PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	401	418	389	419	443	462	389	419	443	462	389	419	443	462				
	LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	169	136	145	158	169	136	145	158	169				
	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4	14.9	15.3	16.3	17.4	14.9	15.3	16.3	17.4				
80	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61				
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15	20	21	18	15	20	21	18	15				
	kW	1.09	1.11	1.14	1.17	1.16	1.18	1.21	1.24	1.22	1.24	1.28	1.31	1.27	1.30	1.33	1.37	1.32	1.34	1.38	1.42	1.36	1.38	1.42	1.47	1.36	1.38	1.42	1.47	1.36	1.38	1.42	1.47				
	Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.6	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2				
	Hi PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466	393	423	447	466	393	423	447	466				
80	LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	138	146	160	170	138	146	160	170				
	MBh	17.8	18.1	19.0	20.2	17.4	17.7	18.5	19.8	16.9	17.3	18.1	19.3	16.5	16.8	17.6	18.8	15.7	16.0	16.8	17.9	14.5	14.8	15.5	16.6	14.5	14.8	15.5	16.6	14.5	14.8	15.5	16.6				
	S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73				
	ΔT	28	28	26	23	28	28	26	23	29	28	27	23	29	28	27	23	27	28	26	23	25	26	25	21	27	28	26	23	25	26	25	21				
	kW	1.08	1.10	1.13	1.15	1.15	1.17	1.20	1.23	1.21	1.23	1.26	1.30	1.26	1.28	1.32	1.35	1.30	1.33	1.37	1.40	1.34	1.37	1.41	1.45	1.34	1.37	1.41	1.45	1.34	1.37	1.41	1.45				
85	Amps	4.0	4.1	4.2	4.4	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.6	5.7	5.9	6.1	5.6	5.7	5.9	6.1				
	Hi PR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	377	398	415	387	416	439	458	387	416	439	458	387	416	439	458				
	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	135	144	157	167	135	144	157	167				
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8	14.8	15.0	15.8	16.8	14.8	15.0	15.8	16.8				
	S/T	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75				
85	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	25	26	25	22	23	24	23	20	23	24	23	20	23	24	23	20				
	kW	1.09	1.11	1.14	1.17	1.16	1.18	1.21	1.24	1.22	1.24	1.28	1.31	1.27	1.30	1.33	1.37	1.32	1.34	1.38	1.42	1.36	1.38	1.42	1.47	1.36	1.38	1.42	1.47	1.36	1.38	1.42	1.47				
	Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.6	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2	5.7	5.8	6.0	6.2				
	Hi PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466	393	423	447	466	393	423	447	466				
	LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	138	146	160	170	138	146	160	170				
85	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3	15.2	15.5	16.2	17.3	15.2	15.5	16.2	17.3				
	S/T	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79				
	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20																

COOLING DATA — SSZ140251A* / ARPT24B14A*

		OUTDOOR AMBIENT TEMPERATURE																												
		65°F				75°F				85°F				95°F				105°F				115°F								
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	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	-	17.3	17.9	19.6	-	
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	
	kW	1.34	1.37	1.40	-	1.43	1.46	1.50	-	1.51	1.54	1.59	-	1.59	1.62	1.67	-	1.65	1.68	1.73	-	1.70	1.74	1.79	-	1.70	1.74	1.79	-	
	Amps	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.9	6.1	-	6.1	6.3	6.5	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	6.9	7.1	7.3	-	
820	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	-	18.7	19.4	21.2	-	
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-	
	kW	1.37	1.40	1.44	-	1.46	1.49	1.54	-	1.55	1.58	1.63	-	1.62	1.66	1.71	-	1.69	1.72	1.78	-	1.74	1.78	1.83	-	1.74	1.78	1.83	-	
	Amps	5.0	5.1	5.3	-	5.4	5.5	5.7	-	5.9	6.0	6.2	-	6.3	6.4	6.7	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.1	7.3	7.5	-	
900	MBh	23.1	23.9	26.2	-	22.5	23.3	25.6	-	22.0	22.8	25.0	-	21.5	22.2	24.4	-	20.4	21.1	23.1	-	18.9	19.6	21.4	-	18.9	19.6	21.4	-	
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	
	kW	1.37	1.40	1.44	-	1.47	1.50	1.54	-	1.55	1.58	1.63	-	1.63	1.66	1.71	-	1.69	1.73	1.78	-	1.75	1.78	1.84	-	1.75	1.78	1.84	-	
	Amps	5.0	5.1	5.3	-	5.4	5.6	5.7	-	5.9	6.0	6.2	-	6.3	6.5	6.7	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.1	7.3	7.5	-	
75	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	17.5	18.1	19.6	21.0	
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40	
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	22	21	19	16	11
	kW	1.35	1.38	1.41	1.46	1.44	1.47	1.51	1.56	1.53	1.56	1.60	1.65	1.60	1.63	1.68	1.73	1.66	1.70	1.75	1.80	1.72	1.75	1.80	1.86	1.72	1.75	1.80	1.86	
	Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.1	7.4	7.7	7.0	7.1	7.4	7.7	
820	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	19.0	19.6	21.2	22.7	
	S/T	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41	
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	20	18	15	10	
	kW	1.38	1.41	1.45	1.49	1.48	1.51	1.55	1.60	1.56	1.59	1.64	1.69	1.64	1.67	1.72	1.78	1.70	1.74	1.79	1.85	1.76	1.79	1.85	1.91	1.76	1.79	1.85	1.91	
	Amps	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.5	6.7	7.0	6.8	6.9	7.2	7.4	7.2	7.3	7.6	7.9	7.2	7.3	7.6	7.9	
900	MBh	23.5	24.1	26.1	28.1	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.7	21.8	22.5	24.3	26.1	20.7	21.3	23.1	24.8	19.2	19.8	21.4	23.0	19.2	19.8	21.4	23.0	
	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	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	19	17	14	10	
	kW	1.38	1.41	1.45	1.49	1.48	1.51	1.55	1.60	1.57	1.60	1.64	1.70	1.64	1.67	1.73	1.78	1.71	1.74	1.79	1.85	1.76	1.80	1.85	1.91	1.76	1.80	1.85	1.91	
	Amps	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	6.0	6.1	6.3	6.5	6.4	6.5	6.7	7.0	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.2	7.4	7.6	7.9	
75	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	17.5	18.1	19.6	21.0	
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.91	0.81	0.62	0.40	
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	22	21	19	16	11
	kW	1.35	1.38	1.41	1.46	1.44	1.47	1.51	1.56	1.53	1.56	1.60	1.65	1.60	1.63	1.68	1.73	1.66	1.70	1.75	1.80	1.72	1.75	1.80	1.86	1.72	1.75	1.80	1.86	
	Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.1	7.4	7.7	7.0	7.1	7.4	7.7	
820	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	19.0	19.6	21.2	22.7	
	S/T	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41	
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	20	18	15	10	
	kW	1.38	1.41	1.45	1.49	1.48	1.51	1.55	1.60	1.56	1.59	1.64	1.69	1.64	1.67	1.72	1.78	1.70	1.74	1.79	1.85	1.76	1.79	1.85	1.91	1.76	1.79	1.85	1.91	
	Amps	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.5	6.7	7.0	6.8	6.9	7.2	7.4	7.2	7.3	7.6	7.9	7.2	7.3	7.6	7.9	
900	MBh	23.5	24.1	26.1	28.1	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.7	21.8	22.5	24.3	26.1	20.7	21.3	23.1	24.8	19.2	19.8	21.4	23.0	19.2	19.8	21.4	23.0	
	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	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	19	17	14	10	
	kW	1.38	1.41	1.45	1.49	1.48	1.51	1.55	1.60	1.57	1.60	1.64	1.70	1.64	1.67	1.73	1.78	1.71	1.74	1.79	1.85	1.76	1.80	1.85	1.91	1.76	1.80	1.85	1.91	
	Amps	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	6.0	6.1	6.3	6.5																	

COOLING DATA — SSZ140251A* / ARPT24B14A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																						
		65°F						75°F						85°F						95°F						105°F						115°F								
		ENTERING INDOOR WET BULB TEMPERATURE																																						
IDB	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203		
80	700	MBh	21.8	22.3	23.8	25.5	27.1	28.7	30.3	31.9	33.5	35.1	36.7	38.3	39.9	41.5	43.1	44.7	46.3	47.9	49.5	51.1	52.7	54.3	55.9	57.5	59.1	60.7	62.3	63.9	65.5	67.1	68.7	70.3	71.9	73.5	75.1	76.7	78.3	
		S/T	0.87	0.81	0.66	0.50	0.34	0.18	0.02	-0.14	-0.30	-0.46	-0.62	-0.78	-0.94	-1.10	-1.26	-1.42	-1.58	-1.74	-1.90	-2.06	-2.22	-2.38	-2.54	-2.70	-2.86	-3.02	-3.18	-3.34	-3.50	-3.66	-3.82	-3.98	-4.14	-4.30	-4.46	-4.62	-4.78	
		ΔT	25	24	21	17	13	9	5	1	-3	-7	-11	-15	-19	-23	-27	-31	-35	-39	-43	-47	-51	-55	-59	-63	-67	-71	-75	-79	-83	-87	-91	-95	-99	-103	-107	-111		
		kW	1.36	1.39	1.42	1.47	1.51	1.54	1.48	1.53	1.57	1.54	1.57	1.62	1.66	1.61	1.64	1.69	1.75	1.61	1.64	1.69	1.75	1.61	1.64	1.69	1.75	1.61	1.64	1.69	1.71	1.76	1.82	1.73	1.76	1.82	1.73	1.76	1.82	1.88
		Amps	5.0	5.1	5.3	5.4	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	6.4	6.6	6.8	6.6	6.8	6.6	6.8	7.0	7.2	7.5	7.0	7.2	7.4	7.7	7.0	7.2	7.4	7.7
		HI PR	209	225	238	248	257	265	272	278	285	292	299	306	313	320	327	334	341	348	355	362	369	376	383	390	397	404	411	418	425	432	439	446	453	460	467	474	481	
		LO PR	104	110	120	128	135	141	147	153	159	165	171	177	183	189	195	201	207	213	219	225	231	237	243	249	255	261	267	273	279	285	291	297	303	309	315	321	327	
820	700	MBh	23.6	24.1	25.8	27.6	29.4	31.2	33.0	34.8	36.6	38.4	40.2	42.0	43.8	45.6	47.4	49.2	51.0	52.8	54.6	56.4	58.2	60.0	61.8	63.6	65.4	67.2	69.0	70.8	72.6	74.4	76.2	78.0	79.8	81.6	83.4	85.2		
		S/T	0.90	0.84	0.69	0.51	0.33	0.15	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48	-4.64		
		ΔT	24	23	20	16	12	8	4	0	-4	-8	-12	-16	-20	-24	-28	-32	-36	-40	-44	-48	-52	-56	-60	-64	-68	-72	-76	-80	-84	-88	-92	-96	-100	-104	-108			
		kW	1.39	1.42	1.46	1.50	1.49	1.52	1.56	1.61	1.57	1.61	1.65	1.70	1.65	1.68	1.74	1.79	1.65	1.68	1.74	1.79	1.65	1.68	1.74	1.79	1.65	1.68	1.74	1.79	1.65	1.68	1.74	1.79	1.65	1.68	1.74	1.79		
		Amps	5.1	5.2	5.4	5.6	5.5	5.7	5.8	6.1	6.0	6.1	6.3	6.6	6.4	6.6	6.4	6.6	6.8	7.0	6.8	7.0	6.8	7.0	7.2	7.5	7.2	7.4	7.7	8.0	7.2	7.4	7.7	8.0	7.2	7.4	7.7	8.0		
		HI PR	216	232	245	256	262	269	275	282	288	294	300	306	312	318	324	330	336	342	348	354	360	366	372	378	384	390	396	402	408	414	420	426	432	438	444	450		
		LO PR	107	114	124	132	139	145	151	157	163	169	175	181	187	193	199	205	211	217	223	229	235	241	247	253	259	265	271	277	283	289	295	301	307	313	319			
900	700	MBh	23.9	24.4	26.1	27.9	29.7	31.5	33.3	35.1	36.9	38.7	40.5	42.3	44.1	45.9	47.7	49.5	51.3	53.1	54.9	56.7	58.5	60.3	62.1	63.9	65.7	67.5	69.3	71.1	72.9	74.7	76.5	78.3	80.1	81.9	83.7			
		S/T	0.92	0.86	0.70	0.52	0.34	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32	-4.48			
		ΔT	22	21	19	15	11	7	3	-1	-5	-9	-13	-17	-21	-25	-29	-33	-37	-41	-45	-49	-53	-57	-61	-65	-69	-73	-77	-81	-85	-89	-93	-97	-101	-105				
		kW	1.39	1.42	1.46	1.50	1.49	1.52	1.57	1.61	1.58	1.61	1.66	1.71	1.65	1.69	1.74	1.79	1.65	1.69	1.74	1.79	1.65	1.69	1.74	1.79	1.65	1.69	1.74	1.79	1.65	1.69	1.74	1.79	1.65	1.69	1.74	1.79		
		Amps	5.1	5.2	5.4	5.6	5.5	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.4	6.6	6.4	6.6	6.8	7.1	6.8	7.0	7.2	7.5	7.2	7.4	7.7	8.0	7.2	7.4	7.7	8.0	7.2	7.4	7.7	8.0				
		HI PR	216	233	246	257	262	269	275	282	288	294	300	306	312	318	324	330	336	342	348	354	360	366	372	378	384	390	396	402	408	414	420	426	432	438	444	450		
		LO PR	107	114	124	132	139	145	151	157	163	169	175	181	187	193	199	205	211	217	223	229	235	241	247	253	259	265	271	277	283	289	295	301	307	313	319			
85	700	MBh	22.2	22.6	23.7	25.3	26.9	28.5	30.1	31.7	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.1	47.7	49.3	50.9	52.5	54.1	55.7	57.3	58.9	60.5	62.1	63.7	65.3	66.9	68.5	70.1	71.7	73.3	74.9	76.5		
		S/T	0.91	0.88	0.79	0.64	0.48	0.32	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32			
		ΔT	27	26	25	21	17	13	9	5	1	-3	-7	-11	-15	-19	-23	-27	-31	-35	-39	-43	-47	-51	-55	-59	-63	-67	-71	-75	-79	-83	-87	-91	-95	-99	-103			
		kW	1.37	1.40	1.44	1.48	1.46	1.49	1.54	1.58	1.55	1.58	1.63	1.68	1.62	1.66	1.71	1.76	1.62	1.66	1.71	1.76	1.62	1.66	1.71	1.76	1.62	1.66	1.71	1.76	1.62	1.66	1.71	1.76	1.62	1.66	1.71	1.76		
		Amps	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.9	6.0	6.2	6.5	6.3	6.4	6.7	6.9	6.7	6.9	7.1	7.4	7.1	7.4	7.7	7.3	7.5	7.8	7.1	7.4	7.7	7.3	7.5	7.8	7.1	7.4	7.7			
		HI PR	211	228	240	251	257	264	270	276	281	287	293	300	307	314	321	328	335	342	349	356	364	372	380	388	396	404	412	420	428	436	444	452	460	468	476	484		
		LO PR	105	111	121	129	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274	280	286	292	298	304	310	316			
820	700	MBh	24.0	24.5	25.7	27.4	29.1	30.8	32.5	34.2	35.9	37.6	39.3	41.0	42.7	44.4	46.1	47.8	49.5	51.2	52.9	54.6	56.3	58.0	59.7	61.4	63.1	64.8	66.5	68.2	69.9	71.6	73.3	75.0	76.7	78.4	80.1			
		S/T	0.94	0.91	0.82	0.67	0.50	0.33	0.16	0.00	-0.16	-0.32	-0.48	-0.64	-0.80	-0.96	-1.12	-1.28	-1.44	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68	-3.84	-4.00	-4.16	-4.32			
		ΔT	25	25	24	20	16	12	8	4	0	-4	-8	-12	-16	-20	-24	-28	-32	-36	-40	-44	-48	-52	-56	-60	-64	-68	-72	-76	-80	-84	-88	-92	-96	-100				
		kW	1.40	1.43	1.47	1.51	1.50	1.53	1.57	1.62	1.59	1.62	1.67	1.72	1.66	1.70	1.75	1.80	1.66	1.70	1.75	1.80	1.66	1.70	1.75	1.80	1.66	1.70	1.75	1.80	1.66	1.70	1.75	1.80	1.66	1.70	1.75			
		Amps	5.2	5.3	5.4	5.7	5.6	5.7	5.9	6.1	6.1	6.2	6.4	6.6	6.5	6.6	6.9	7.1	6.9	7.1	7.3	7.6	7.3	7.6	7.9	7.7	8.0	7.3	7.6	7.9	7.7	8.0	7.3	7.6	7.9	7.7	8.0			
		HI PR	218	235	248	258	265	272	278	284	290	296	302	308	314	320	326	332	338	344	350	356	362	368	374	380	386	392	398	404										

COOLING DATA — SSZ140311A* / ARPT30B14A*

		OUTDOOR AMBIENT TEMPERATURE																115°F															
		65°F				75°F				85°F								95°F								105°F				115°F			
		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	59	63	67	71				
70		26.6	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	23.5	24.4	26.7	-	21.8	22.6	24.8	-	21.8	22.6	24.8	-				
	MBh	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	S/T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-				
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-				
	kW	1.61	1.64	1.69	-	1.73	1.77	1.82	-	1.84	1.88	1.93	-	1.93	1.97	2.03	-	2.01	2.05	2.12	-	2.08	2.12	2.19	-	2.08	2.12	2.19	-				
	Amps	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.3	7.4	7.7	-	7.7	7.9	8.2	-	8.2	8.4	8.7	-	8.7	8.9	9.1	-	8.7	8.9	9.1	-				
	HI PR	215	231	244	-	241	260	274	-	274	295	312	-	313	336	355	-	352	378	400	-	388	418	441	-	388	418	441	-				
	LO PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	139	-	124	132	144	-	124	132	144	-				
840		26.6	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	23.5	24.4	26.7	-	21.8	22.6	24.8	-	21.8	22.6	24.8	-				
	MBh	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-				
	S/T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-				
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-				
	kW	1.61	1.64	1.69	-	1.73	1.77	1.82	-	1.84	1.88	1.93	-	1.93	1.97	2.03	-	2.01	2.05	2.12	-	2.08	2.12	2.19	-	2.08	2.12	2.19	-				
	Amps	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.3	7.4	7.7	-	7.7	7.9	8.2	-	8.2	8.4	8.7	-	8.7	8.9	9.1	-	8.7	8.9	9.1	-				
	HI PR	215	231	244	-	241	260	274	-	274	295	312	-	313	336	355	-	352	378	400	-	388	418	441	-	388	418	441	-				
	LO PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	139	-	124	132	144	-	124	132	144	-				
1000		27.4	28.4	31.2	-	26.8	27.8	30.4	-	26.2	27.1	29.7	-	25.5	26.5	29.0	-	24.2	25.1	27.5	-	22.5	23.3	25.5	-	22.5	23.3	25.5	-				
	MBh	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-				
	S/T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-				
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-				
	kW	1.62	1.66	1.71	-	1.74	1.78	1.84	-	1.85	1.89	1.95	-	1.94	1.99	2.05	-	2.02	2.07	2.14	-	2.09	2.14	2.21	-	2.09	2.14	2.21	-				
	Amps	6.3	6.5	6.7	-	6.8	6.9	7.2	-	7.3	7.5	7.7	-	7.8	8.0	8.2	-	8.3	8.5	8.7	-	8.7	8.9	9.2	-	8.7	8.9	9.2	-				
	HI PR	217	234	247	-	244	262	277	-	277	298	315	-	316	340	359	-	355	382	404	-	392	422	446	-	392	422	446	-				
	LO PR	100	107	117	-	106	113	123	-	110	117	128	-	116	123	134	-	121	129	141	-	125	133	146	-	125	133	146	-				
75		27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	25.9	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7	26.5	22.2	22.8	24.7	26.5				
	MBh	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39				
	S/T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	21	19	16	11				
	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11	22	20	17	11				
	kW	1.62	1.66	1.71	1.76	1.74	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.21	2.09	2.14	2.21	2.28	2.09	2.14	2.21	2.28				
	Amps	6.3	6.5	6.7	6.9	6.8	6.9	7.2	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.7	8.9	9.2	9.6	8.7	8.9	9.2	9.6				
	HI PR	217	234	247	257	244	262	277	289	277	298	315	329	316	340	359	374	355	382	404	421	392	422	446	465	392	422	446	465				
		LO PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	125	133	146	155			
	840		27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	25.9	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7	26.5	22.2	22.8	24.7	26.5			
		MBh	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39			
		S/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	22	20	17	11			
		ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11	22	20	17	11			
		kW	1.62	1.66	1.71	1.76	1.74	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.21	2.09	2.14	2.21	2.28	2.09	2.14	2.21	2.28			
		Amps	6.3	6.5	6.7	6.9	6.8	6.9	7.2	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.7	8.9	9.2	9.6	8.7	8.9	9.2	9.6			
HI PR		217	234	247	257	244	262	277	289	277	298	315	329	316	340	359	374	355	382	404	421	392	422	446	465	392	422	446	465				
	LO PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	125	133	146	155				
1000		27.9	28.7	31.1	33.4	27.3	28.1	30.4	32.6	26.6	27.4	29.6	31.8	26.0	26.7	28.9	31.0	24.7	25.4	27.5	29.5	22.8	23.5	25.5	27.3	22.8	23.5	25.5	27.3				
	MBh	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41				
	S/T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10				
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10				
	kW	1.64	1.67	1.72	1.77	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.00	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.23	2.30	2.11	2.16	2.23	2.30				
	Amps	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6	8.8	9.0	9.3	9.6				
	HI PR	219	236	249	260	246	265	280	292	280																							

COOLING DATA — SSZ140311A* / ARPT30B14A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																		115°F											
		65°F						75°F						85°F						95°F						105°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
80	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.6	26.2	28.0	29.9	24.4	24.9	26.6	28.4	22.6	23.1	24.6	26.3						
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57						
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	24	23	20	16						
	kW	1.64	1.67	1.72	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.00	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.23	2.30						
	Amps	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6						
	Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	427	450	470						
	Lo PR	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157						
	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.6	26.2	28.0	29.9	24.4	24.9	26.6	28.4	22.6	23.1	24.6	26.3						
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57						
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16						
840	kW	1.64	1.67	1.72	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.00	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.23	2.30						
	Amps	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6						
	Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	427	450	470						
	Lo PR	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157						
	MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.3	32.4	27.1	27.7	29.6	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.3	23.2	23.8	25.4	27.1						
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59						
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	22	19	15						
	kW	1.65	1.68	1.73	1.79	1.77	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.08	2.15	2.06	2.10	2.17	2.24	2.13	2.18	2.25	2.32						
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.5	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7						
	Hi PR	222	238	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	429	400	431	455	475						
Lo PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158							
85	MBh	28.1	28.6	29.9	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.6	30.5	26.1	26.6	27.9	29.7	24.8	25.3	26.5	28.2	23.0	23.4	24.5	26.2						
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73						
	ΔT	27	26	25	21	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20						
	kW	1.65	1.68	1.73	1.79	1.77	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.08	2.15	2.06	2.10	2.17	2.24	2.13	2.18	2.25	2.32						
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.5	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7						
	Hi PR	222	238	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	429	400	431	455	475						
	Lo PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158						
	MBh	28.1	28.6	29.9	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.6	30.5	26.1	26.6	27.9	29.7	24.8	25.3	26.5	28.2	23.0	23.4	24.5	26.2						
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73						
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21						
1000	kW	1.65	1.68	1.73	1.79	1.77	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.08	2.15	2.06	2.10	2.17	2.24	2.13	2.18	2.25	2.32						
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.5	7.5	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7						
	Hi PR	222	238	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	429	400	431	455	475						
	Lo PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158						
	MBh	28.9	29.5	30.8	32.9	28.2	28.8	30.1	32.1	27.6	28.1	29.4	31.4	26.9	27.4	28.7	30.6	25.5	26.0	27.3	29.1	23.7	24.1	25.3	26.9						
	S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77						
	ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	20	22	22	22	19						
	kW	1.66	1.70	1.75	1.80	1.79	1.82	1.88	1.94	1.90	1.94	2.00	2.06	1.99	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.34						
	Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8						
	Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479						
Lo PR	103	110	120	128	109	116	127	135	114	121	132	140	119	127	139	148	125	133	145	155	129	138	150	160							
DB: Entering Indoor Dry Bulb Temperature		Shaded area reflects AHRI conditions																								kW = Total system power					
High and low pressures are measured at the liquid and suction service valves.		Amps = outdoor unit amps (comp.+fan)																													

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

COOLING DATA — SSZ140371A* / ARPT36C14A*

		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1050	MBh	29.9	30.9	33.9	-	29.2	30.2	33.1	-	28.5	29.5	32.3	-	27.8	28.8	31.5	-	26.4	27.3	30.0	-	24.4	25.3	27.8	-	24.4	25.3	27.8	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-	
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	
		kW	1.91	1.95	2.01	-	2.05	2.10	2.17	-	2.19	2.23	2.31	-	2.30	2.35	2.43	-	2.40	2.45	2.53	-	2.48	2.54	2.62	-	2.48	2.54	2.62	-	
		Amps	7.3	7.4	7.7	-	7.8	8.0	8.2	-	8.4	8.6	8.8	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-	9.9	10.1	10.5	-	9.9	10.1	10.5	-	
	1260	HI PR	212	228	241	-	238	256	271	-	271	292	308	-	309	332	351	-	347	374	395	-	384	413	436	-	384	413	436	-	
		LO PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-	127	135	147	-	
		MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-	26.5	27.4	30.1	-	
		S/T	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.87	0.73	0.50	-	
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	
1350	kW	1.95	2.00	2.06	-	2.11	2.15	2.22	-	2.24	2.29	2.37	-	2.36	2.41	2.49	-	2.46	2.52	2.60	-	2.55	2.61	2.69	-	2.55	2.61	2.69	-		
	Amps	7.5	7.6	7.8	-	8.0	8.2	8.4	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	9.7	9.9	10.2	-	10.2	10.4	10.7	-	10.2	10.4	10.7	-		
	HI PR	219	236	249	-	246	264	279	-	279	301	317	-	318	342	362	-	358	385	407	-	395	426	449	-	395	426	449	-		
	LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	131	139	152	-		
		MBh	32.7	33.9	37.1	-	31.9	33.1	36.2	-	31.2	32.3	35.4	-	30.4	31.5	34.5	-	28.9	29.9	32.8	-	26.7	27.7	30.4	-	26.7	27.7	30.4	-	
75	1050	S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	
		kW	1.96	2.00	2.07	-	2.11	2.16	2.23	-	2.25	2.30	2.37	-	2.37	2.42	2.50	-	2.47	2.52	2.61	-	2.55	2.61	2.70	-	2.55	2.61	2.70	-	
		Amps	7.5	7.6	7.9	-	8.0	8.2	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.6	-	9.7	9.9	10.2	-	10.2	10.4	10.8	-	10.2	10.4	10.8	-	
		HI PR	220	236	249	-	246	265	280	-	280	301	318	-	319	343	363	-	359	386	408	-	397	427	451	-	397	427	451	-	
	1260	LO PR	105	111	122	-	111	118	128	-	115	122	134	-	121	128	140	-	127	135	147	-	131	139	152	-	131	139	152	-	
			MBh	30.4	31.3	33.8	36.3	29.7	30.5	33.0	35.5	28.9	29.8	32.3	34.6	28.2	29.1	31.5	33.8	26.8	27.6	29.9	32.1	24.9	25.6	27.7	29.7	24.9	25.6	27.7	29.7
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41	
		ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11	21	19	16	11	
		kW	1.92	1.96	2.03	2.09	2.07	2.12	2.19	2.26	2.20	2.25	2.33	2.40	2.32	2.37	2.45	2.53	2.42	2.47	2.56	2.64	2.50	2.56	2.65	2.74	2.50	2.56	2.65	2.74	
1350	Amps	7.4	7.5	7.7	8.0	7.9	8.0	8.3	8.5	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.4	10.0	10.2	10.6	10.9	10.0	10.2	10.6	10.9		
	HI PR	214	231	244	254	241	259	273	285	274	295	311	324	312	335	354	369	351	377	399	416	387	417	440	459	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	128	136	149	158		
		MBh	32.9	33.9	36.7	39.3	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2	26.9	27.7	30.0	32.2	
	S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.99	0.88	0.67	0.43		
1260	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10		
	kW	1.97	2.01	2.08	2.15	2.12	2.17	2.24	2.32	2.26	2.31	2.39	2.47	2.38	2.43	2.51	2.60	2.48	2.54	2.62	2.71	2.57	2.63	2.72	2.81	2.57	2.63	2.72	2.81		
	Amps	7.5	7.7	7.9	8.2	8.1	8.2	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.7	10.0	9.7	10.0	10.3	10.6	10.3	10.5	10.8	11.2	10.3	10.5	10.8	11.2		
	HI PR	221	238	251	262	248	267	282	294	282	304	321	334	321	346	365	381	362	389	411	429	399	430	454	473	399	430	454	473		
	LO PR	105	112	122	130	111	119	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	132	140	153	163		
1350		MBh	33.2	34.2	37.0	39.7	32.5	33.4	36.2	38.8	31.7	32.6	35.3	37.9	30.9	31.8	34.4	37.0	29.4	30.2	32.7	35.1	27.2	28.0	30.3	32.5	27.2	28.0	30.3	32.5	
	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	0.43	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44		
	ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10	19	17	14	10		
	kW	1.98	2.02	2.08	2.15	2.13	2.18	2.25	2.32	2.27	2.32	2.39	2.47	2.39	2.44	2.52	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.72	2.82	2.58	2.64	2.72	2.82		
	Amps	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.3	10.5	10.9	11.2	10.3	10.5	10.9	11.2		
HI PR	222	239	252	263	249	268	283	295	283	305	322	335	322	347	366	382	363	390	412	430	401	431	455	475	401	431	455	475			
LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	148	158	132	141	154	164	132	141	154	164			
IDB: Entering Indoor Dry Bulb Temperature		Shaded area reflects ACCA (TVA) conditions																												kW = Total system power	
High and low pressures are measured at the liquid and suction service valves.		Amps = outdoor unit amps (comp.+fan)																													

COOLING DATA — SSZ140371A* / ARPT36C14A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1050	MBh	30.9	31.6	33.7	36.1	30.2	30.8	33.0	35.2	29.5	30.1	32.2	34.4	28.7	29.4	31.4	33.5	27.3	27.9	29.8	31.9	25.3	25.8	27.6	29.5	23.5	24.0	25.8	27.6	
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.04	0.97	0.79	0.59	1.04	0.98	0.80	0.60	23	22	19	15	
		ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	23	22	19	15	
		kW	1.94	1.98	2.04	2.11	2.09	2.13	2.20	2.28	2.22	2.27	2.35	2.42	2.34	2.39	2.47	2.56	2.44	2.49	2.58	2.67	2.53	2.58	2.67	2.76	2.44	2.49	2.58	2.67	
		Amps	7.4	7.6	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.5	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	11.0	10.1	10.3	10.6	11.0	
		HI PR	217	233	246	257	243	262	276	288	276	298	314	328	315	339	358	373	354	381	403	420	391	421	445	464	391	421	445	464	
		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	129	137	150	160	
80	1260	MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0	27.4	28.0	29.9	32.0	
		S/T	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62	
		ΔT	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	22	22	19	15	20	20	18	14	20	20	18	14	
		kW	1.99	2.03	2.09	2.16	2.14	2.19	2.26	2.34	2.28	2.33	2.41	2.49	2.40	2.45	2.54	2.62	2.50	2.56	2.65	2.74	2.59	2.65	2.74	2.84	2.59	2.65	2.74	2.84	
		Amps	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.8	8.8	8.9	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.0	10.4	10.7	10.4	10.6	10.9	11.3	10.4	10.6	10.9	11.3	
		HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	369	385	365	393	415	433	404	434	459	478	404	434	459	478	
		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	133	142	155	165	
80	1350	MBh	33.8	34.6	36.9	39.5	33.0	33.7	36.1	38.5	32.2	32.9	35.2	37.6	31.5	32.1	34.3	36.7	29.9	30.5	32.6	34.9	27.7	28.3	30.2	32.3	27.7	28.3	30.2	32.3	
		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	0.99	0.81	0.60	1.00	1.00	0.84	0.62	1.00	1.00	0.84	0.62	1.00	1.00	0.84	0.63	
		ΔT	22	21	18	15	22	21	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14	20	19	17	14	
		kW	1.99	2.03	2.10	2.17	2.15	2.19	2.27	2.34	2.29	2.34	2.41	2.49	2.41	2.46	2.54	2.63	2.51	2.57	2.65	2.74	2.60	2.66	2.75	2.84	2.60	2.66	2.75	2.84	
		Amps	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.2	9.5	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.7	10.4	10.6	10.9	11.3	10.4	10.6	10.9	11.3	
		HI PR	224	241	255	266	251	271	286	298	286	308	325	339	326	350	370	386	366	394	416	434	405	436	460	480	405	436	460	480	
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165	134	142	155	165	
85	1050	MBh	31.4	32.1	33.6	35.8	30.7	31.3	32.8	35.0	30.0	30.6	32.0	34.1	29.2	29.8	31.2	33.3	27.8	28.3	29.7	31.6	25.7	26.2	27.5	29.3	25.7	26.2	27.5	29.3	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	
		ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	24	25	25	21	23	23	20	23	23	23	20	20	
		kW	1.95	2.00	2.06	2.13	2.11	2.15	2.22	2.30	2.24	2.29	2.37	2.45	2.36	2.41	2.49	2.58	2.46	2.52	2.60	2.69	2.55	2.61	2.69	2.79	2.55	2.61	2.69	2.79	
		Amps	7.5	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1	10.2	10.4	10.7	11.1	
		HI PR	219	235	249	259	246	264	279	291	279	301	317	331	318	342	361	377	358	385	407	424	395	425	449	469	395	425	449	469	
		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	130	139	152	161	
85	1260	MBh	34.1	34.7	36.4	38.8	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8	27.9	28.4	29.8	31.8	
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.80	
		ΔT	25	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	19	20	21	21	19	
		kW	2.00	2.05	2.11	2.18	2.16	2.21	2.28	2.36	2.30	2.35	2.43	2.51	2.42	2.48	2.56	2.65	2.52	2.58	2.67	2.76	2.61	2.67	2.77	2.86	2.61	2.67	2.77	2.86	
		Amps	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.8	10.4	10.7	11.0	11.4	10.4	10.7	11.0	11.4	
		HI PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483	408	439	463	483	
		LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	135	143	156	166	135	143	156	166	
85	1350	MBh	34.4	35.1	36.7	39.2	33.6	34.3	35.9	38.3	32.8	33.4	35.0	37.4	32.0	32.6	34.2	36.5	30.4	31.0	32.5	34.6	28.2	28.7	30.1	32.1	28.2	28.7	30.1	32.1	
		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	0.99	0.82	1.00	1.00	0.99	0.82	
		ΔT	23	23	22	19	23	23	22	19	22	23	22	19	22	22	22	19	21	21	22	19	19	20	20	18	20	20	20	18	
		kW	2.01	2.05	2.12	2.19	2.16	2.21	2.28	2.36	2.30	2.36	2.43	2.52	2.43	2.48	2.56	2.65	2.53	2.59	2.68	2.77	2.62	2.68	2.77	2.87	2.62	2.68	2.77	2.87	
		Amps	7.7	7.8	8.1	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.2	9.9	10.2	10.5	10.8	10.5	10.7	11.0	11.4	10.5	10.7	11.0	11.4	
		HI PR	226	243	257	268	254	273	289	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	465	484	409	440	465	484	
		LO PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	135	144	157	167	
IDB: Entering Indoor Dry Bulb Temperature		Shaded area reflects AHRI conditions																												kW = Total system power	
High and low pressures are measured at the liquid and suction service valves.		Amps = outdoor unit amps (comp.+fan)																													

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

HEATING DATA

SSZ140191A* / ARPT24B14A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.5	21.3	20.0	18.7	17.9	17.3	16.1	14.9	12.5	11.5	10.6	10.0	9.6	8.6	7.7	6.7	5.7	4.7
T/R	35.9	34.0	32.0	29.9	28.6	27.7	25.7	23.7	19.9	18.4	16.9	16.0	15.4	13.8	12.2	10.7	9.1	7.5
kW	1.45	1.41	1.38	1.34	1.32	1.31	1.28	1.24	1.43	1.39	1.35	1.32	1.31	1.27	1.23	1.19	1.15	1.11
Amps	7.9	7.2	6.7	6.3	6.1	5.9	5.6	5.2	5.0	4.7	4.5	4.4	4.3	4.1	3.7	3.5	3.2	2.8
COP	4.07	3.93	3.78	3.62	3.50	3.42	3.25	3.07	2.28	2.16	2.04	1.96	1.90	1.76	1.60	1.44	1.26	1.07
EER	15.6	15.1	14.6	14.0	13.5	13.3	12.6	12.0	8.7	8.3	7.9	7.6	7.4	6.8	6.2	5.6	5.0	4.2
HI PR	400	383	368	352	344	337	324	311	298	285	273	267	262	252	243	233	224	216
LO PR	149	138	129	118	112	108	99	88	80	71	62	58	56	47	41	34	30	24

SSZ140251A* / ARPT24B14A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	17.4	16.1	14.8	14.0	13.5	12.1	10.7	9.4	8.0	6.5
T/R	34.1	32.2	30.4	28.4	27.1	26.3	24.4	22.5	19.7	18.2	16.7	15.8	15.2	13.7	12.1	10.6	9.0	7.4
kW	1.97	1.92	1.88	1.83	1.80	1.78	1.74	1.69	1.95	1.89	1.84	1.80	1.78	1.73	1.67	1.62	1.56	1.51
Amps	10.7	9.9	9.2	8.6	8.3	8.1	7.6	7.1	6.8	6.5	6.1	6.0	5.9	5.5	5.1	4.8	4.3	3.8
COP	3.95	3.82	3.68	3.51	3.40	3.33	3.16	2.98	2.31	2.19	2.07	1.98	1.93	1.78	1.62	1.46	1.28	1.08
EER	15.3	14.8	14.3	13.7	13.3	13.0	12.4	11.8	9.0	8.5	8.1	7.8	7.6	7.0	6.4	5.8	5.1	4.3
HI PR	403	387	372	356	347	341	327	314	301	287	276	269	265	254	245	235	226	218
LO PR	146	135	127	116	110	106	97	86	78	70	61	57	55	46	40	34	30	23

SSZ140311A* / ARPT30B14A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	34.7	32.8	30.9	28.9	27.6	26.7	24.8	22.9	20.2	18.6	17.2	16.2	15.6	14.0	12.4	10.8	9.2	7.6
T/R	38.2	36.2	34.1	31.9	30.4	29.5	27.4	25.3	22.3	20.5	18.9	17.9	17.2	15.4	13.7	11.9	10.2	8.3
kW	2.31	2.25	2.20	2.14	2.11	2.09	2.04	1.98	2.28	2.21	2.15	2.11	2.09	2.02	1.96	1.90	1.83	1.77
Amps	12.6	11.6	10.8	10.1	9.7	9.5	8.9	8.4	8.0	7.6	7.2	7.0	6.9	6.5	6.0	5.6	5.1	4.5
COP	3.95	3.82	3.67	3.51	3.40	3.33	3.16	2.99	2.32	2.20	2.08	2.00	1.94	1.79	1.63	1.47	1.29	1.09
EER	15.0	14.6	14.1	13.5	13.1	12.8	12.2	11.6	8.9	8.4	8.0	7.7	7.5	6.9	6.3	5.7	5.0	4.3
HI PR	401	384	370	353	345	339	325	312	299	286	274	268	263	253	243	233	225	217
LO PR	142	132	123	113	107	103	95	84	76	68	60	56	54	45	39	33	29	23

SSZ140371A* / ARPT36C14A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	41.7	39.5	37.2	34.8	33.2	32.2	29.9	27.6	24.9	23.0	21.2	20.0	19.3	17.3	15.3	13.4	11.4	9.3
T/R	30.7	29.0	27.3	25.5	24.4	23.6	22.0	20.2	18.3	16.9	15.6	14.7	14.2	12.7	11.3	9.8	8.4	6.9
kW	2.42	2.36	2.30	2.24	2.21	2.19	2.13	2.07	2.38	2.32	2.25	2.21	2.18	2.11	2.05	1.98	1.91	1.85
Amps	13.1	12.1	11.3	10.5	10.1	9.9	9.3	8.8	8.3	7.9	7.5	7.3	7.2	6.8	6.3	5.8	5.3	4.7
COP	4.31	4.17	4.01	3.83	3.70	3.62	3.43	3.24	2.60	2.46	2.33	2.23	2.17	2.00	1.82	1.63	1.43	1.21
EER	17.3	16.8	16.2	15.5	15.0	14.7	14.0	13.3	10.5	9.9	9.4	9.1	8.8	8.2	7.5	6.7	6.0	5.1
HI PR	372	357	343	328	320	314	302	290	278	265	255	249	244	235	226	217	209	202
LO PR	143	133	125	114	108	104	96	85	77	69	60	56	54	46	39	33	29	23

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

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS	COOLING CAPACITY (BTU/H)				TVA RATINGS ³		HEATING CAPACITY (BTU/H)			CFM	AHRI #
	COILS/AIR HANDLERS	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi	HSPF ⁴	Low		
SSZ14 0191A*	ARPT18B14A*	18,000	13,500	14.00	12.00	12,500	9,800	17,900	7.70	10,000	580	5492249
	ARPT24B14A*	18,000	13,500	14.00	12.00	12,500	9,800	17,900	7.70	10,000	560	5492250
	ARUF18B14A*+TXV	17,000	12,700	13.00	11.00	11,800	9,200	17,000	7.70	10,000	605	5492292
	ARUF24B14C*+TXV	17,000	12,700	13.50	11.00	11,800	9,200	17,000	7.70	10,000	600	7084850
	AWUF31XX16A*+TXV	18,000	13,500	15.00	12.70	12,500	9,800	17,200	8.20	9,700	600	5492270
SSZ14 0251A*	ARPT24B14A*	24,000	18,100	13.50	11.50	16,700	13,400	24,000	8.00	14,000	820	5492251
	ARPT30B14A*	24,000	18,100	14.00	12.00	16,700	13,400	23,600	8.00	14,100	850	5492293
	ARUF24B14C*+TXV	23,200	17,500	13.50	11.50	16,200	12,900	23,600	7.80	14,100	800	7084842
	AWUF31XX16A*+TXV	24,000	18,100	15.00	12.70	16,700	13,400	23,000	8.50	13,400	800	5492273
	AWUF32XX16A*+TXV	24,000	18,100	15.00	12.70	16,700	13,400	23,000	8.50	13,400	800	5492274
SSZ14 0311A*	ARPT30B14A*	27,800	20,000	14.00	11.50	18,600	15,700	27,400	8.00	16,200	840	5492252
	ARUF30B14A*+TXV	27,800	20,000	14.00	11.50	18,600	15,700	27,400	8.00	16,000	835	5492253
	AWUF31XX16A*+TXV	28,800	20,800	14.50	12.30	19,300	16,200	25,600	8.20	16,200	1,005	5492275
	AWUF32XX16A*+TXV	28,800	20,800	14.50	12.30	19,300	16,200	25,600	8.20	15,900	850	5492276
SSZ14 0371A*	ARPT36C14A*	33,000	25,200	13.50	11.00	23,400	19,600	33,200	8.10	20,400	1,135	5492256
	ARPT36D14A*	33,400	25,600	14.00	11.50	23,600	19,800	30,000	8.30	20,000	1,120	5492255
	AWUF37XX16B*+TXV	32,000	24,400	13.50	11.50	22,600	19,000	32,000	8.50	20,200	1,150	5492294

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80 °F/67 °F/95 °F

² Energy Efficiency Ratio @ 80 °F/67 °F/95 °F

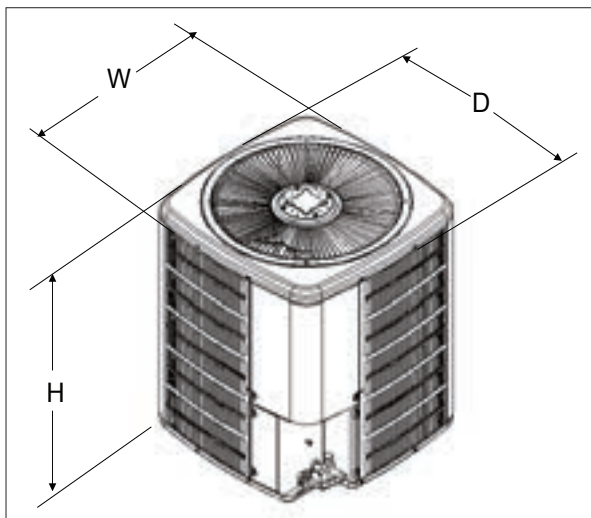
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F

⁴ HSPF = Heating Seasonal Performance Factor

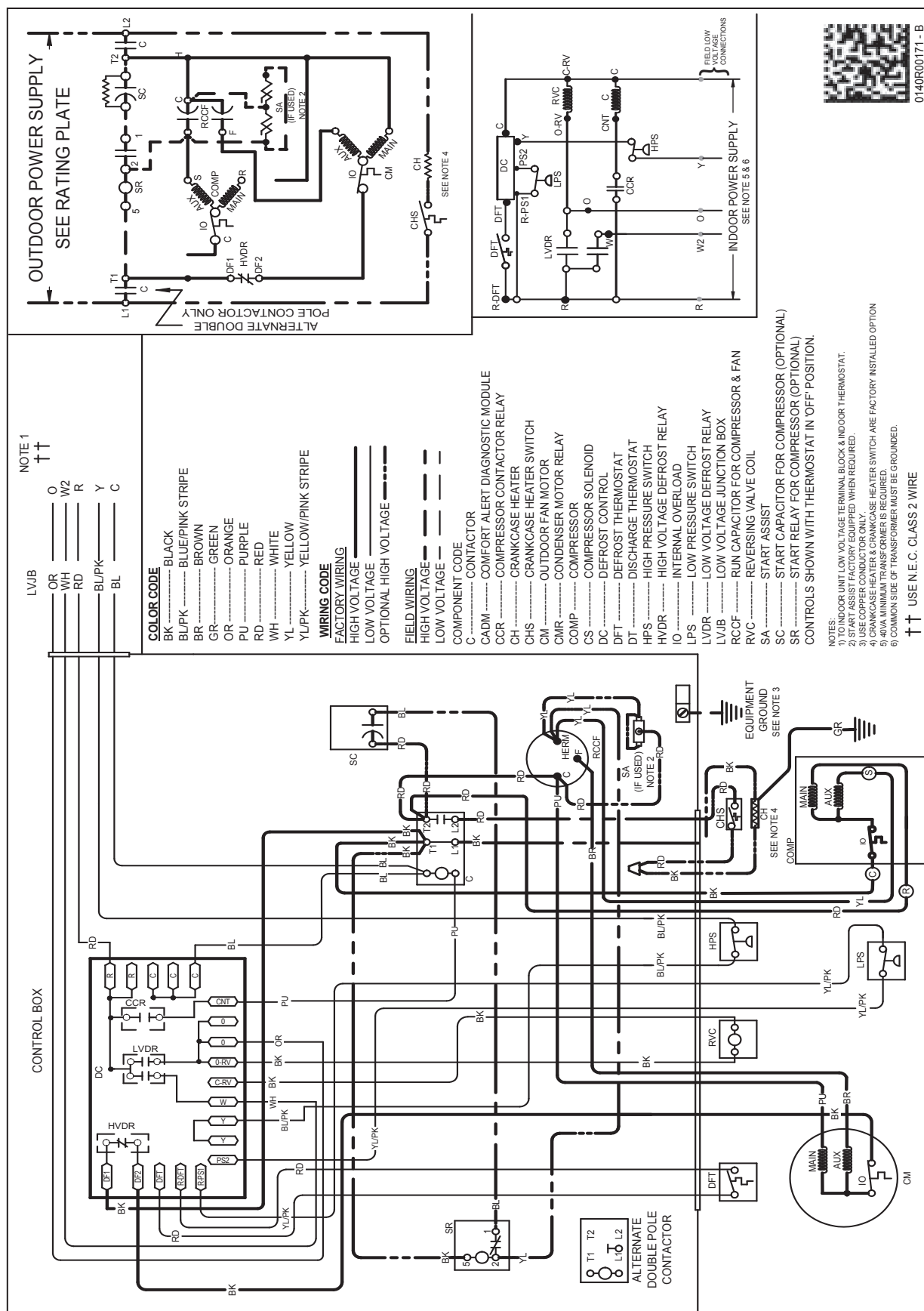
NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
SSZ140191*	29	29	34¾
SSZ140251*	29	29	38¾
SSZ140351*	29	29	38¾
SSZ140371*	29	29	38¾



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

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.

ACCESSORIES

MODEL	DESCRIPTION	SSZ14 019	SSZ14 025	SSZ14 031	SSZ14 037
ABK-20	Anchor Bracket Kit *	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X
CSR-U-2	Hard-start Kit				X
CSR-U-3	Hard-start Kit				
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X
TX2N4 ³	TXV Kit	X			
TX2N4A ³	TXV Kit	X	X		
TX3N4 ³	TXV Kit			X	X
TX5N4 ³	TXV Kit				

* Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.

³ Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device. The TXV should always be sized based on the tonnage of the outdoor unit.