Heating & Air Conditioning
Amana
AMERICA'S BRAND FOR COMFORT™

AZV7S

S-SERIES

UP TO 19.0 SEER2 & 8.8 HSPF2
2, 3, 3.5, AND 4 TONS

AMANA S - SERIES
HIGH-EFFICIENCY, COMMUNICATING, VARIABLE-SPEED, INVERTER DRIVEN SIDE DISCHARGE R-32 SPLIT SYSTEM HEAT PUMP

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R32

Standard Features

- Variable-speed swing compressors
- Strong heating capacity
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Amana Smart Thermostat and other Amana communicating equipment
- Proprietary control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Propietary Inside intelligence for diagnostics
- Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- High corrosion (ZAM®), unpainted steel bottom frame and legs
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

ENERGY STAR COLD CLIMATE

LIFE TIME UNIT REPLACEMENT LIMITED WARRANTY*

10 YEAR PARTS LIMITED WARRANTY*

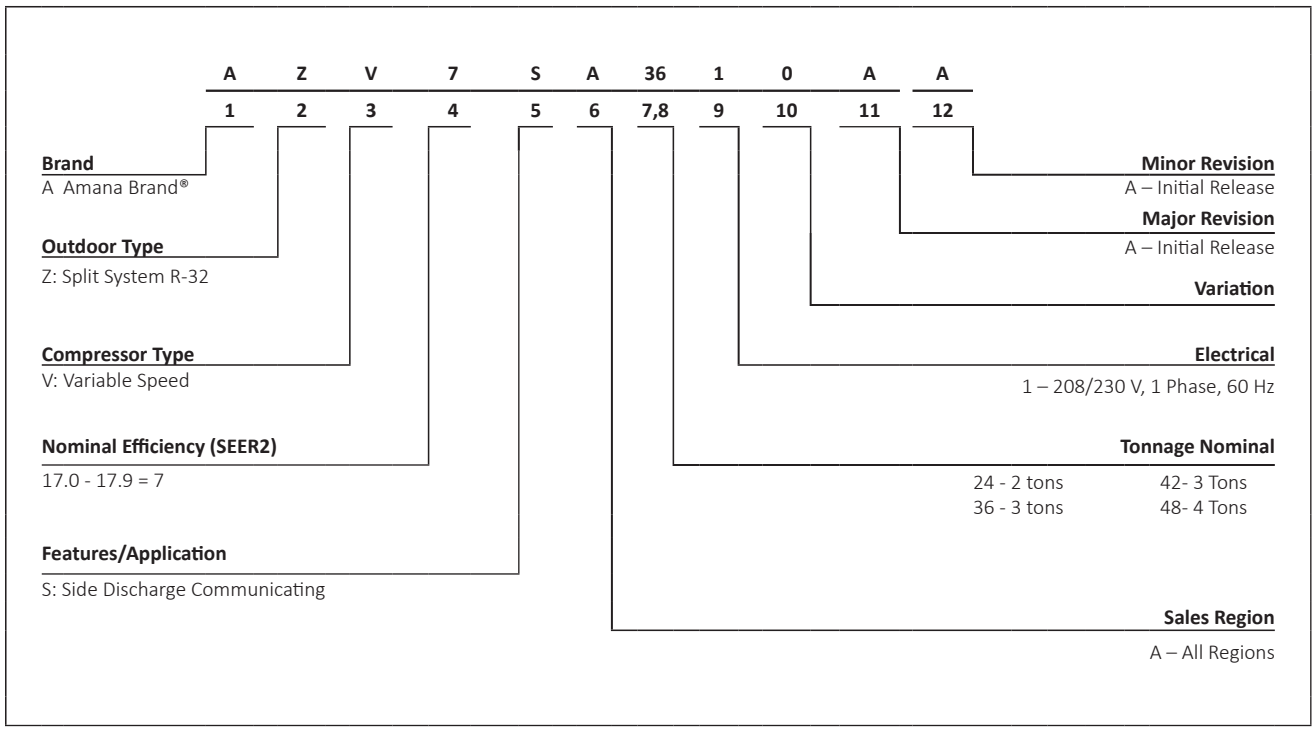
ETL LISTED c US Intertek

AHRI CERTIFIED

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL ISO 9001

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL ISO 14001

* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the Lifetime Unit Replacement 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. The duration of warranty coverages in Texas differs in some cases.


A Z V 7 S A 36 1 0 A A
1 2 3 4 5 6 7,8 9 10 11 12
Brand
A Amana Brand®
Outdoor Type
Z: Split System R-32
Compressor Type
V: Variable Speed
Nominal Efficiency (SEER2)
17.0 - 17.9 = 7
Features/Application
S: Side Discharge Communicating
Sales Region
A – All Regions
Tonnage Nominal
24 - 2 tons
36 - 3 tons
42- 3 Tons
48- 4 Tons
Electrical
1 – 208/230 V, 1 Phase, 60 Hz
Variation
Major Revision
A – Initial Release
Minor Revision
A – Initial Release

	AZV7SA 2410A*	AZV7SA 3610A*	AZV7SA 4210A*	AZV7SA 4810A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)-95F	23,200	35,000	41,000	46,500
Max. Heating (BTU/h)-47F	23,200	35,000	41,000	47,500
Max. Heating (BTU/h)-5F	17,000	29,000	31,000	33,600
AMBIENT OPERATION RANGE				
COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)			
HEATING (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR				
Horsepower	0.09	0.09	0.20	0.20
REFRIGERATION SYSTEM				
Refrigerant Line Size[1]				
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	⅞"	⅞"	⅞"	⅞"
Valve Connection Type	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	76	100	118	118
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	14±1°F	9±1°F	9±1°F	9±1°F
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Fan/Compressor Inverter Drive Input	17.6	25.4	30	30
Minimum Circuit Ampacity [2]	22.4	31.8	37.5	37.5
Max. Overcurrent Protection [3]	25	35	40	40
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	½"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	132	168	179	179
SHIP WEIGHT (LBS)	147	185	198	198
ENERGY STAR® CERTIFIED	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE

[1] Tested and rated in accordance with ANSI/AHRI 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 S&R plate for electrical data on the unit being installed.
- Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

(See table below for allowable line set diameter)

ENERGY STAR NOTES

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet **ENERGY STAR** requirements.

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	¼	5/16	⅜	⅝	¾	⅞	1⅛
2.0		x	x		x*1	x	
3.0			x			x	x
3.5			x			x	x
4.0			x			x	x

x Allowable combination

*1:For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	AZV7S*421*A* / AZV7S*481*A*	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	A*VT960804C A*VM970804C A*VT800804C	

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	860	MBh	25.2	25.6	26.3		24.4	24.7	25.5		23.1	23.5	24.2		21.5	21.8	22.5		19.6	20.0	20.6		18.0	18.3	19.0	
		S/T	0.58	0.50	0.37		0.59	0.51	0.38		0.62	0.54	0.41		0.64	0.56	0.43		0.66	0.59	0.45		1.01	0.64	0.51	
		ΔT	21	19	15		20	18	15		20	18	15		19	17	14		18	16	13		18	16	14	
		kW	1.54	1.54	1.53		1.71	1.71	1.71		1.90	1.90	1.90		2.10	2.10	2.10		2.32	2.32	2.32		2.58	2.58	2.58	
		Amps	5.5	5.5	5.5		6.2	6.2	6.2		6.9	6.9	6.9		7.7	7.7	7.7		8.5	8.5	8.5		9.5	9.4	9.4	
		Hi PR	260	262	263		302	303	305		345	346	348		391	392	394		441	443	444		495	496	498	
		Lo PR	120	123	130		126	129	136		131	134	141		135	138	145		138	142	149		143	147	154	
	1010	MBh	25.6	26.0	26.7		24.8	25.1	25.8		23.5	23.8	24.6		21.8	22.2	22.9		20.0	20.3	21.0		18.3	18.6	19.3	
		S/T	0.65	0.58	0.45		0.66	0.59	0.45		0.69	0.62	0.48		0.71	0.64	0.50		0.74	0.66	0.53		1.01	0.72	0.58	
		ΔT	19	17	14		19	17	13		18	17	13		17	16	12		17	15	12		17	15	12	
		kW	1.55	1.55	1.55		1.72	1.72	1.72		1.91	1.91	1.91		2.11	2.11	2.11		2.34	2.33	2.33		2.59	2.59	2.59	
		Amps	5.6	5.5	5.5		6.2	6.2	6.2		7.0	7.0	6.9		7.7	7.7	7.7		8.6	8.5	8.5		9.5	9.5	9.5	
		Hi PR	263	264	266		304	305	307		348	349	350		394	395	397		444	445	447		498	499	501	
		Lo PR	122	125	132		128	131	138		133	136	143		137	140	147		140	144	151		145	149	156	
	1160	MBh	26.1	26.5	27.2		25.2	25.6	26.3		24.0	24.3	25.0		22.3	22.6	23.3		20.4	20.8	21.4		18.8	19.1	19.7	
		S/T	0.69	0.62	0.48		0.70	0.63	0.49		0.73	0.65	0.52		0.75	0.68	0.54		0.78	0.70	0.57		1.01	0.76	0.62	
		ΔT	18	16	13		18	16	12		17	15	12		16	15	11		16	14	11		16	14	11	
		kW	1.56	1.56	1.56		1.73	1.73	1.73		1.92	1.92	1.92		2.12	2.12	2.12		2.34	2.34	2.34		2.60	2.60	2.60	
		Amps	5.6	5.6	5.6		6.3	6.3	6.3		7.0	7.0	7.0		7.8	7.8	7.7		8.6	8.6	8.6		9.5	9.5	9.5	
		Hi PR	266	267	269		307	308	310		350	351	353		397	398	400		447	448	450		500	501	503	
		Lo PR	124	127	134		130	134	141		135	139	146		139	142	150		143	146	154		148	151	159	
75	860	MBh	25.2	25.6	26.4	27.5	24.4	24.7	25.5	26.6	23.1	23.5	24.2	25.3	21.5	21.8	22.5	23.6	19.7	20.0	20.7	21.7	18.0	18.3	19.0	20.0
		S/T	0.71	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.69	0.56	0.41	1.01	0.72	0.58	0.44	1.01	0.77	0.64	0.49
		ΔT	25	23	20	16	24	22	19	15	24	22	18	15	22	21	18	14	21	20	17	13	22	20	17	14
		kW	1.54	1.54	1.53	1.55	1.71	1.71	1.71	1.72	1.90	1.90	1.90	1.91	2.10	2.10	2.10	2.11	2.32	2.32	2.32	2.33	2.58	2.58	2.57	2.59
		Amps	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	6.9	6.9	6.9	6.9	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.5	9.4	9.4	9.4	9.5
		Hi PR	261	262	264	268	302	303	305	309	345	346	348	353	392	393	394	399	442	443	445	449	495	496	498	503
		Lo PR	120	123	130	141	126	129	136	148	131	134	141	153	135	138	145	157	138	142	149	161	143	147	154	166
	1010	MBh	25.6	26.0	26.7	27.9	24.8	25.1	25.9	27.0	23.5	23.9	24.6	25.7	21.8	**22.2**	22.9	23.9	20.0	20.3	21.0	22.0	18.3	18.7	19.3	20.3
		S/T	0.78	0.71	0.57	0.43	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	**0.77**	0.63	0.49	1.01	0.79	0.66	0.51	1.01	0.85	0.71	0.57
		ΔT	24	22	18	14	23	21	17	14	22	20	17	14	21	**19**	16	13	20	18	15	12	20	19	16	13
		kW	1.55	1.55	1.54	1.56	1.72	1.72	1.72	1.73	1.91	1.91	1.91	1.92	2.11	**2.11**	2.11	2.12	2.33	2.33	2.33	2.34	2.59	2.59	2.59	2.60
		Amps	5.5	5.5	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	6.9	7.0	7.7	**7.7**	7.7	7.8	8.5	8.5	8.5	8.6	9.5	9.5	9.5	9.5
		Hi PR	263	265	266	271	305	306	308	312	348	349	351	355	394	**395**	397	402	444	445	447	452	498	499	501	505
		Lo PR	122	125	132	143	128	131	138	150	133	136	143	155	137	**140**	147	159	140	144	151	163	145	149	156	168
	1160	MBh	26.1	26.5	27.2	28.4	25.2	25.6	26.3	27.5	24.0	24.3	25.0	26.1	22.3	22.6	23.3	24.4	20.4	20.8	21.4	22.5	18.8	19.1	19.7	20.8
		S/T	0.82	0.74	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.01	0.83	0.69	0.55	1.01	0.89	0.75	0.61
		ΔT	22	21	17	13	22	20	16	13	21	19	16	13	20	18	15	12	19	18	14	11	19	18	15	12
		kW	1.56	1.56	1.55	1.57	1.73	1.73	1.73	1.74	1.92	1.92	1.92	1.93	2.12	2.12	2.12	2.13	2.34	2.34	2.34	2.35	2.60	2.60	2.60	2.61
		Amps	5.6	5.6	5.6	5.6	6.3	6.3	6.2	6.3	7.0	7.0	7.0	7.0	7.8	7.8	7.7	7.8	8.6	8.6	8.6	8.6	9.5	9.5	9.5	9.6
		Hi PR	266	267	269	273	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	454	500	502	503	508
		Lo PR	124	128	134	146	130	134	141	152	135	139	146	158	139	143	150	162	143	146	154	166	148	151	159	171

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	860	MBh	25.4	25.7	26.5	27.6	24.5	24.9	25.6	26.7	23.3	23.6	24.3	25.4	21.6	21.9	22.6	23.7	19.8	20.1	20.8	21.8	18.1	18.4	19.1	20.1
		S/T	0.83	0.75	0.62	0.48	0.99	0.76	0.63	0.49	1.00	0.79	0.66	0.52	1.00	0.82	0.68	0.54	1.01	0.84	0.71	0.56	1.01	1.01	0.76	0.62
		ΔT	29	27	24	20	28	26	23	19	27	26	22	19	26	24	21	18	25	23	20	17	25	23	21	17
		kW	1.54	1.54	1.53	1.55	1.71	1.71	1.71	1.72	1.90	1.90	1.90	1.91	2.10	2.10	2.10	2.11	2.32	2.32	2.32	2.33	2.58	2.58	2.58	2.59
		Amps	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	6.9	6.9	6.9	7.0	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.5	9.5	9.4	9.4	9.5
		Hi PR	261	262	264	269	302	304	305	310	346	347	348	353	392	393	395	400	442	443	445	450	496	497	499	503
		Lo PR	120	124	130	142	126	130	137	148	131	135	142	153	135	139	146	158	139	142	150	162	144	147	155	167
	1010	MBh	25.8	26.1	26.9	28.0	24.9	25.2	26.0	27.1	23.6	24.0	24.7	25.8	22.0	22.3	**23.2**	24.1	20.1	20.4	21.1	22.2	18.5	18.8	19.4	20.4
		S/T	0.90	0.83	0.70	0.56	0.99	0.84	0.71	0.56	1.00	0.87	0.73	0.59	1.00	0.89	**0.75**	0.61	1.01	0.92	0.78	0.64	1.01	1.01	0.84	0.69
		ΔT	28	26	22	19	27	25	22	18	26	24	21	18	25	23	**21**	17	24	22	19	16	24	22	19	16
		kW	1.55	1.55	1.55	1.56	1.72	1.72	1.72	1.73	1.91	1.91	1.91	1.92	2.11	2.11	**2.11**	2.12	2.34	2.33	2.33	2.34	2.59	2.59	2.59	2.60
		Amps	5.6	5.5	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	6.9	7.0	7.7	7.7	**8.3**	7.8	8.6	8.5	8.5	8.6	9.5	9.5	9.5	9.5
		Hi PR	264	265	267	271	305	306	308	313	348	349	351	356	395	396	**395**	402	445	446	448	452	498	499	501	506
		Lo PR	122	126	133	144	128	132	139	150	133	137	144	156	137	141	**150**	160	141	144	152	164	146	149	157	169
	1160	MBh	26.3	26.6	27.4	28.5	25.4	25.7	26.5	27.6	24.1	24.4	25.2	26.3	22.4	22.7	23.4	24.5	20.6	20.9	21.6	22.6	18.9	19.2	19.9	20.9
		S/T	0.99	0.87	0.73	0.59	0.99	0.88	0.74	0.60	1.00	0.91	0.77	0.63	1.00	0.93	0.79	0.65	1.01	1.01	0.82	0.68	1.01	1.01	0.88	0.73
		ΔT	27	25	21	18	26	24	20	17	25	23	20	17	24	22	19	16	23	21	18	15	23	21	18	15
		kW	1.56	1.56	1.56	1.57	1.73	1.73	1.73	1.74	1.92	1.92	1.92	1.93	2.12	2.12	2.12	2.13	2.34	2.34	2.34	2.35	2.60	2.60	2.60	2.61
		Amps	5.6	5.6	5.6	5.6	6.3	6.3	6.3	6.3	7.0	7.0	7.0	7.0	7.8	7.8	7.7	7.8	8.6	8.6	8.6	8.6	9.5	9.5	9.5	9.6
		Hi PR	266	268	269	274	308	309	311	315	351	352	354	358	397	398	400	405	447	449	450	455	501	502	504	508
		Lo PR	125	128	135	147	131	134	141	153	136	139	146	158	140	143	150	162	143	147	154	166	148	152	159	171
85	860	MBh	25.8	26.2	26.9	28.1	24.9	25.3	26.0	27.1	23.7	24.0	24.7	25.8	22.0	22.3	23.0	24.1	20.2	20.5	21.2	22.2	18.5	18.8	19.5	20.5
		S/T	0.99	0.85	0.72	0.58	0.99	0.86	0.73	0.59	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.01	1.01	0.81	0.66	1.01	1.01	0.86	0.72
		ΔT	33	31	27	24	32	30	26	23	31	29	26	22	30	28	25	21	28	27	24	20	28	27	24	21
		kW	1.54	1.54	1.54	1.55	1.71	1.71	1.71	1.72	1.90	1.90	1.90	1.91	2.11	2.10	2.10	2.12	2.33	2.33	2.32	2.34	2.58	2.58	2.58	2.59
		Amps	5.5	5.5	5.5	5.6	6.2	6.2	6.2	6.2	6.9	6.9	6.9	7.0	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.6	9.5	9.5	9.4	9.5
		Hi PR	262	264	265	270	304	305	307	311	347	348	350	354	393	394	396	401	443	444	446	451	497	498	500	504
		Lo PR	122	125	132	144	128	131	138	150	133	136	144	155	137	140	148	160	141	144	151	163	146	149	157	169
	1010	MBh	26.2	26.5	27.3	28.5	25.3	25.7	26.4	27.5	24.0	24.4	25.1	26.2	22.4	22.7	23.4	24.5	20.5	20.8	21.5	22.5	18.8	19.1	19.8	20.8
		S/T	0.99	0.93	0.80	0.65	0.99	0.94	0.81	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.86	0.71	1.01	1.01	0.88	0.74	1.01	1.01	1.01	0.80
		ΔT	120	123	130	141	126	129	136	148	131	134	141	153	135	138	145	157	138	142	149	161	143	147	154	166
		kW	1.55	1.55	1.55	1.56	1.73	1.73	1.72	1.74	1.92	1.92	1.91	1.93	2.12	2.12	2.11	2.13	2.34	2.34	2.33	2.35	2.59	2.59	2.59	2.60
		Amps	5.6	5.6	5.5	5.6	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.0	7.7	7.7	7.7	7.8	8.6	8.6	8.5	8.6	9.5	9.5	9.5	9.5
		Hi PR	265	266	268	273	306	307	309	314	349	351	352	357	396	397	399	403	446	447	449	454	500	501	502	507
		Lo PR	261	262	264	269	302	304	305	310	346	347	348	353	392	393	395	400	442	443	445	450	496	497	499	503
	1160	MBh	26.7	27.0	27.8	28.9	25.8	26.1	26.9	28.0	24.5	24.8	25.6	26.7	22.8	23.1	23.8	24.9	20.9	21.3	22.0	23.0	19.3	19.6	20.2	21.2
		S/T	0.99	0.97	0.83	0.69	0.99	0.99	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.01	1.01	0.92	0.78	1.01	1.01	1.01	0.83
		ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19	26	24	21	18	26	24	21	18
		kW	1.56	1.56	1.56	1.57	1.74	1.74	1.73	1.75	1.93	1.93	1.92	1.94	2.13	2.13	2.12	2.14	2.35	2.35	2.34	2.36	2.60	2.60	2.60	2.61
		Amps	5.6	5.6	5.6	5.7	6.3	6.3	6.3	6.3	7.0	7.0	7.0	7.1	7.8	7.8	7.8	7.8	8.6	8.6	8.6	8.6	9.5	9.5	9.5	9.6
		Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406	449	450	452	456	502	503	505	510
		Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164	145	149	156	168	150	153	161	173

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1120	MBh	40.4	40.9	42.1		38.5	39.1	40.2		36.1	36.6	37.7		33.0	33.6	34.6		29.8	30.3	31.3		26.9	27.3	28.3	
		S/T	0.61	0.53	0.39		0.61	0.54	0.40		0.64	0.56	0.42		0.67	0.59	0.45		0.69	0.61	0.47		0.75	0.67	0.53	
		ΔT	23	21	17		22	20	16		22	20	16		21	19	15		20	18	15		20	19	15	
		kW	2.19	2.19	2.18		2.50	2.49	2.49		2.84	2.84	2.84		3.22	3.22	3.21		3.65	3.65	3.64		4.15	4.15	4.14	
		Amps	6.2	6.2	6.2		7.7	7.7	7.7		9.7	9.6	9.6		12.0	12.0	12.0		15.0	15.0	15.0		18.8	18.7	18.7	
		Hi PR	208	208	210		257	258	260		313	314	316		377	378	380		450	451	453		533	534	536	
		Lo PR	125	131	140		128	135	144		131	137	146		132	138	147		132	139	147		134	140	149	
	1320	MBh	41.0	41.5	42.8		39.1	39.7	40.8		36.7	37.2	38.3		33.6	34.1	35.2		30.3	30.8	31.8		27.4	27.8	28.8	
		S/T	0.68	0.60	0.47		0.69	0.61	0.47		0.72	0.64	0.50		0.74	0.66	0.52		0.77	0.69	0.55		0.83	0.75	0.61	
		ΔT	21	19	15		21	19	15		20	18	15		19	18	14		19	17	13		19	17	14	
		kW	2.21	2.21	2.20		2.52	2.51	2.51		2.86	2.86	2.85		3.24	3.24	3.23		3.67	3.66	3.66		4.17	4.17	4.16	
		Amps	6.2	6.2	6.2		7.8	7.8	7.8		9.7	9.7	9.7		12.1	12.1	12.1		15.1	15.1	15.1		18.8	18.8	18.8	
		Hi PR	210	211	212		260	260	262		316	317	318		380	381	383		453	454	456		535	537	539	
		Lo PR	127	133	142		130	137	146		133	139	148		134	140	149		134	141	150		135	142	151	
	1520	MBh	41.8	42.3	43.5		39.9	40.4	41.6		37.4	37.9	39.0		34.3	34.8	35.9		31.0	31.5	32.5		28.0	28.5	29.5	
		S/T	0.72	0.64	0.50		0.73	0.65	0.51		0.76	0.68	0.54		0.78	0.70	0.56		0.81	0.73	0.59		0.87	0.79	0.64	
		ΔT	20	18	14		19	17	14		19	17	14		18	16	13		17	16	12		18	16	13	
		kW	2.22	2.22	2.22		2.53	2.53	2.52		2.88	2.87	2.87		3.25	3.25	3.25		3.68	3.68	3.67		4.18	4.18	4.18	
		Amps	6.3	6.2	6.2		7.8	7.8	7.8		9.8	9.8	9.7		12.2	12.2	12.1		15.2	15.2	15.1		18.9	18.9	18.9	
		Hi PR	212	213	214		262	263	264		318	319	321		382	384	385		456	457	459		538	539	541	
		Lo PR	129	136	145		133	140	149		135	142	151		136	143	152		136	143	152		138	144	153	
75	1120	MBh	40.4	40.9	42.2	44.0	38.6	39.1	40.3	42.0	36.1	36.6	37.8	39.5	33.1	33.6	34.7	36.3	29.8	30.3	31.3	32.9	26.9	27.3	28.3	29.8
		S/T	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.38	0.78	0.70	0.56	0.41	0.80	0.72	0.58	0.43	0.83	0.75	0.60	0.46	1.01	0.80	0.66	0.51
		ΔT	27	25	21	17	27	25	21	17	26	24	20	17	25	23	20	16	24	22	19	15	24	23	19	16
		kW	2.19	2.19	2.18	2.20	2.50	2.49	2.49	2.51	2.84	2.84	2.83	2.86	3.22	3.22	3.21	3.23	3.65	3.64	3.64	3.66	4.15	4.15	4.14	4.16
		Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	9.6	9.6	9.6	9.7	12.0	12.0	12.0	12.1	15.0	15.0	15.0	15.1	18.7	18.7	18.7	18.8
		Hi PR	208	209	210	214	257	258	260	264	313	315	316	320	378	379	380	385	451	452	454	458	533	534	536	541
		Lo PR	125	131	140	152	128	135	144	156	131	137	146	158	132	138	147	159	132	139	148	159	134	140	149	160
	1320	MBh	41.0	41.6	42.8	44.6	39.2	39.7	40.9	42.6	36.7	37.2	38.3	40.0	33.6	**34.1**	35.2	36.9	30.3	30.8	31.9	33.4	27.4	27.9	28.8	29.4
		S/T	0.82	0.74	0.60	0.45	0.83	0.75	0.61	0.46	0.85	0.78	0.64	0.49	1.00	**0.80**	0.66	0.51	1.00	0.83	0.68	0.53	1.01	0.88	0.74	0.61
		ΔT	26	24	20	16	25	23	19	15	25	23	19	15	24	**22**	18	14	23	21	17	14	23	21	18	14
		kW	2.21	2.20	2.20	2.22	2.51	2.51	2.51	2.53	2.86	2.86	2.85	2.87	3.24	**3.24**	3.23	3.25	3.66	3.66	3.66	3.68	4.17	4.17	4.16	2.86
		Amps	6.2	6.2	6.2	6.2	7.8	7.8	7.7	7.8	9.7	9.7	9.7	9.8	12.1	**12.1**	12.1	12.2	15.1	15.1	15.1	15.2	18.8	18.8	18.8	12.9
		Hi PR	210	211	212	216	260	261	262	266	316	317	319	323	380	**381**	383	387	453	454	456	461	536	537	539	538
		Lo PR	127	133	142	154	130	137	146	158	133	139	148	160	134	**140**	149	161	134	141	150	161	135	142	151	166
	1520	MBh	41.8	42.4	43.6	45.4	39.9	40.5	41.6	43.4	37.4	37.9	39.1	40.8	34.3	34.8	35.9	37.5	31.0	31.5	32.5	34.1	28.0	28.5	29.5	30.0
		S/T	0.85	0.78	0.64	0.49	0.86	0.79	0.65	0.50	0.99	0.81	0.67	0.53	1.00	0.84	0.70	0.55	1.00	0.86	0.72	0.57	1.01	0.92	0.78	0.65
		ΔT	25	23	19	15	24	22	18	14	23	22	18	14	22	21	17	13	22	20	16	13	22	20	17	13
		kW	2.22	2.22	2.21	2.24	2.53	2.53	2.52	2.54	2.87	2.87	2.87	2.89	3.25	3.25	3.25	3.27	3.68	3.68	3.67	3.69	4.18	4.18	4.18	2.87
		Amps	6.2	6.2	6.2	6.3	7.8	7.8	7.8	7.8	9.8	9.7	9.7	9.8	12.2	12.2	12.1	12.2	15.2	15.2	15.1	15.2	18.9	18.9	18.9	13.0
		Hi PR	212	213	214	218	262	263	264	268	318	319	321	325	383	384	386	390	456	457	459	464	538	540	542	541
		Lo PR	129	136	145	157	133	140	149	161	135	142	151	163	136	143	152	164	136	143	152	164	138	144	153	168

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1120	MBh	40.6	41.2	42.4	44.2	38.8	39.3	40.5	42.2	36.3	36.8	38.0	39.7	33.3	33.8	34.8	36.5	30.0	30.5	31.5	33.1	27.0	27.5	28.5	30.0
		S/T	0.99	0.79	0.65	0.50	0.99	0.80	0.66	0.51	0.99	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	0.88	0.74	0.59	1.01	0.93	0.79	0.64
		ΔT	32	30	26	22	31	29	25	21	30	29	25	21	29	27	24	20	28	26	23	19	28	27	23	20
		kW	2.19	2.19	2.18	2.21	2.50	2.49	2.49	2.51	2.84	2.84	2.84	2.86	3.22	3.22	3.21	3.24	3.65	3.64	3.64	3.66	4.15	4.15	4.14	4.17
		Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	9.7	9.6	9.6	9.7	12.0	12.0	12.0	12.1	15.0	15.0	15.0	15.1	18.8	18.7	18.7	18.8
		Hi PR	208	209	210	214	258	259	260	264	314	315	317	321	378	379	381	385	451	452	454	459	533	535	536	541
		Lo PR	125	132	141	152	129	135	144	156	131	138	147	159	132	139	148	159	133	139	148	160	134	141	149	161
	1320	MBh	41.2	41.8	43.0	44.8	39.4	39.9	41.1	42.8	36.9	37.4	38.5	40.2	33.8	34.3	**35.0**	37.0	30.5	31.0	32.0	33.6	27.6	28.0	29.0	29.6
		S/T	0.99	0.87	0.73	0.58	0.99	0.88	0.74	0.59	0.99	0.91	0.77	0.62	1.00	0.93	**0.79**	0.64	1.00	0.96	0.81	0.67	1.01	1.01	0.87	0.75
		ΔT	31	28	25	21	30	28	24	20	29	27	23	20	28	26	**22**	19	27	25	21	18	27	25	22	17
		kW	2.21	2.21	2.20	2.22	2.51	2.51	2.51	2.53	2.86	2.86	2.85	2.88	3.24	3.24	**3.33**	3.25	3.67	3.66	3.66	3.68	4.17	4.17	4.16	2.86
		Amps	6.2	6.2	6.2	6.3	7.8	7.8	7.8	7.8	9.7	9.7	9.7	9.8	12.1	12.1	**13.4**	12.2	15.1	15.1	15.1	15.2	18.8	18.8	18.8	13.0
		Hi PR	210	211	213	216	260	261	263	267	316	317	319	323	381	382	**397**	388	454	455	457	461	536	537	539	539
		Lo PR	127	134	143	155	131	138	147	159	133	140	149	161	134	141	**152**	162	135	141	150	162	136	143	151	166
	1520	MBh	42.0	42.6	43.8	45.6	40.1	40.7	41.8	43.6	37.6	38.1	39.3	41.0	34.5	35.0	36.1	37.7	31.2	31.7	32.7	34.3	28.2	28.7	29.7	30.2
		S/T	0.99	0.90	0.77	0.62	0.99	0.91	0.78	0.63	0.99	0.94	0.80	0.66	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.71	1.01	1.01	0.91	0.79
		ΔT	29	27	23	19	28	26	23	19	28	26	22	18	27	25	21	18	26	24	20	17	26	24	21	16
		kW	2.22	2.22	2.22	2.24	2.53	2.53	2.52	2.54	2.88	2.87	2.87	2.89	3.25	3.25	3.25	3.27	3.68	3.68	3.67	3.70	4.18	4.18	4.18	2.87
		Amps	6.3	6.2	6.2	6.3	7.8	7.8	7.8	7.9	9.8	9.8	9.7	9.8	12.2	12.2	12.1	12.2	15.2	15.2	15.1	15.2	18.9	18.9	18.9	13.0
		Hi PR	212	213	215	218	262	263	265	269	319	320	321	326	383	384	386	390	456	458	459	464	539	540	542	542
		Lo PR	130	137	146	158	133	140	149	161	136	142	151	163	136	143	152	164	137	144	152	164	138	145	154	169
85	1120	MBh	41.3	41.8	43.0	44.9	39.4	40.0	41.1	42.9	36.9	37.5	38.6	40.3	33.9	34.4	35.4	37.1	30.6	31.1	32.1	33.7	27.6	28.1	29.1	30.6
		S/T	0.99	0.89	0.75	0.61	0.99	0.99	0.76	0.62	0.99	0.99	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.69	1.01	1.01	0.90	0.75
		ΔT	36	34	30	26	35	33	29	25	34	32	29	25	33	31	28	24	32	30	26	23	32	30	27	23
		kW	2.20	2.19	2.19	2.21	2.50	2.50	2.50	2.52	2.85	2.85	2.84	2.86	3.23	3.22	3.22	3.24	3.65	3.65	3.65	3.67	4.16	4.15	4.15	4.17
		Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	9.7	9.7	9.6	9.7	12.1	12.1	12.0	12.1	15.0	15.0	15.0	15.1	18.8	18.8	18.7	18.9
		Hi PR	209	210	211	215	259	260	261	265	315	316	318	322	379	380	382	386	452	453	455	460	535	536	538	543
		Lo PR	127	134	143	155	131	137	146	158	133	140	149	161	134	141	149	161	134	141	150	161	136	142	151	163
	1320	MBh	41.9	42.5	43.7	45.5	40.0	40.6	41.7	43.5	37.5	38.0	39.2	40.9	34.4	34.9	36.0	37.6	31.1	31.6	32.6	34.2	28.1	28.6	29.6	30.1
		S/T	0.99	0.99	0.83	0.68	0.99	0.99	0.84	0.69	0.99	0.99	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	0.92	0.77	1.01	1.01	0.98	0.86
		ΔT	125	131	140	152	128	135	144	156	131	137	146	158	132	138	147	159	132	139	148	159	134	140	149	160
		kW	2.21	2.21	2.21	2.23	2.52	2.52	2.51	2.54	2.87	2.86	2.86	2.88	3.24	3.24	3.24	3.26	3.67	3.67	3.66	3.69	4.17	4.17	4.17	2.86
		Amps	6.2	6.2	6.2	6.3	7.8	7.8	7.8	7.8	9.7	9.7	9.7	9.8	12.1	12.1	12.1	12.2	15.1	15.1	15.1	15.2	18.9	18.9	18.8	13.0
		Hi PR	211	212	214	217	261	262	264	268	317	319	320	324	382	383	385	389	455	456	458	463	537	539	541	540
		Lo PR	208	209	210	214	258	259	260	264	314	315	317	321	378	379	381	385	451	452	454	459	533	535	536	541
	1520	MBh	42.7	43.2	44.5	46.3	40.8	41.3	42.5	44.3	38.2	38.8	39.9	41.6	35.1	35.6	36.7	38.3	31.8	32.3	33.3	34.9	28.8	29.2	29.3	30.7
		S/T	0.99	0.99	0.87	0.72	0.99	0.99	0.88	0.73	0.99	0.99	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	0.96	0.81	1.01	1.01	1.01	0.90
		ΔT	33	31	27	23	32	30	27	23	32	30	26	22	30	29	25	21	29	27	24	20	29	28	23	20
		kW	2.23	2.23	2.22	2.24	2.54	2.53	2.53	2.55	2.88	2.88	2.87	2.90	3.26	3.26	3.25	3.27	3.69	3.68	3.68	3.70	4.19	4.19	2.86	2.87
		Amps	6.3	6.3	6.2	6.3	7.8	7.8	7.8	7.9	9.8	9.8	9.8	9.8	12.2	12.2	12.2	12.3	15.2	15.2	15.2	15.3	18.9	18.9	12.9	13.0
		Hi PR	213	214	216	219	263	264	266	270	320	321	323	327	384	385	387	392	458	459	461	465	540	541	538	543
		Lo PR	132	139	148	160	135	142	151	163	137	144	153	165	138	145	154	166	138	145	154	166	140	147	159	171

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1170	MBh	25.5	40.3	45.4		36.5	43.0	44.3		42.3	41.2	42.4		38.0	38.6	39.8		35.1	35.7	36.9		32.3	32.8	34.0	
		S/T	0.65	0.51	0.36		0.60	0.49	0.37		0.61	0.52	0.39		0.61	0.54	0.41		0.63	0.56	0.43		0.68	0.61	0.48	
		ΔT	20	20	15		22	18	15		23	18	15		20	18	15		20	18	15		23	21	18	
		kW	1.43	2.29	2.90		2.38	3.27	3.26		3.42	3.68	3.67		4.12	4.11	4.11		4.60	4.60	4.59		4.95	4.95	4.94	
		Amps	5.8	9.0	11.4		9.4	12.7	12.7		13.2	14.2	14.2		15.8	15.8	15.8		17.6	17.6	17.6		18.8	18.8	18.8	
		Hi PR	257	270	274		309	315	317		362	360	362		407	408	410		459	460	462		519	521	523	
		Lo PR	120	119	123		119	120	129		120	125	133		121	128	137		124	132	141		132	140	149	
	1380	MBh	28.5	46.7	46.1		40.9	43.6	44.9		41.2	41.8	43.1		38.7	39.2	40.5		35.8	36.3	37.5		32.9	33.4	34.6	
		S/T	0.70	0.57	0.43		0.66	0.57	0.44		0.66	0.59	0.46		0.68	0.61	0.48		0.70	0.63	0.50		0.75	0.68	0.55	
		ΔT	20	19	13		21	17	13		19	17	14		19	17	13		18	17	13		22	20	16	
		kW	1.57	2.74	2.92		2.72	3.30	3.29		3.70	3.70	3.69		4.14	4.14	4.13		4.62	4.62	4.61		4.98	4.97	4.97	
		Amps	6.4	10.6	11.5		10.6	12.8	12.8		14.3	14.3	14.3		15.9	15.9	15.9		17.7	17.7	17.7		18.9	18.9	18.9	
		Hi PR	261	277	277		316	318	320		361	363	365		410	411	413		462	463	465		522	523	525	
		Lo PR	120	119	125		119	122	131		119	127	135		123	130	139		126	134	143		134	142	151	
	1590	MBh	35.6	47.6	46.9		45.7	44.5	45.8		42.0	42.6	43.9		39.5	40.0	41.3		36.5	37.1	38.3		33.6	34.2	35.4	
		S/T	0.71	0.61	0.47		0.69	0.60	0.47		0.70	0.63	0.50		0.72	0.64	0.52		0.74	0.67	0.54		0.79	0.71	0.59	
		ΔT	19	18	12		20	16	12		18	16	13		18	16	12		17	15	12		21	19	15	
		kW	1.95	2.76	2.94		3.09	3.31	3.31		3.72	3.72	3.71		4.16	4.16	4.15		4.64	4.64	4.63		4.99	4.99	4.98	
		Amps	7.8	10.7	11.5		12.0	12.9	12.9		14.4	14.4	14.4		16.0	16.0	16.0		17.8	17.8	17.8		19.0	19.0	18.9	
		Hi PR	269	280	279		322	320	322		364	365	367		412	414	416		465	466	468		525	526	528	
		Lo PR	119	121	127		120	124	133		122	129	138		125	133	142		128	136	145		136	144	154	
75	1170	MBh	25.5	40.3	45.4	47.4	36.5	43.0	44.3	46.2	42.3	41.2	42.4	44.4	38.0	38.6	39.9	41.8	35.1	35.7	36.9	38.8	32.3	32.8	34.0	35.8
		S/T	0.79	0.64	0.48	0.35	0.73	0.62	0.49	0.35	0.73	0.64	0.51	0.38	0.73	0.66	0.53	0.39	0.75	0.68	0.55	0.42	0.80	0.73	0.60	0.46
		ΔT	25	25	19	15	26	22	19	15	27	22	19	16	24	22	19	15	24	22	19	15	28	26	22	18
		kW	1.42	2.29	2.89	2.92	2.38	3.27	3.26	3.29	3.42	3.67	3.67	3.70	4.11	4.11	4.10	4.13	4.60	4.59	4.59	4.62	4.95	4.95	4.94	4.97
		Amps	5.8	9.0	11.3	11.5	9.4	12.7	12.7	12.8	13.1	14.2	14.2	14.3	15.8	15.8	15.8	15.9	17.6	17.6	17.6	17.7	18.8	18.8	18.8	18.9
		Hi PR	257	270	274	279	309	315	317	322	362	360	362	367	407	408	410	415	459	461	462	467	520	521	523	528
		Lo PR	120	120	123	133	119	120	129	139	120	125	133	144	121	128	137	148	124	132	141	152	132	140	149	161
	1380	MBh	28.6	46.7	46.1	48.1	40.9	43.7	45.0	46.9	41.2	41.8	43.1	45.0	38.7	**39.3**	40.5	42.4	35.8	36.4	37.6	39.4	32.9	33.5	34.6	36.5
		S/T	0.84	0.70	0.55	0.42	0.79	0.69	0.56	0.42	0.78	0.71	0.58	0.45	0.80	**0.73**	0.60	0.47	0.82	0.75	0.62	0.49	1.00	0.80	0.67	0.54
		ΔT	24	24	18	14	25	21	17	14	23	21	18	14	23	**21**	17	14	22	21	17	14	26	24	21	17
		kW	1.57	2.73	2.92	2.95	2.72	3.29	3.29	3.32	3.70	3.70	3.69	3.72	4.14	**4.13**	4.13	4.16	4.62	4.62	4.61	4.64	4.97	4.97	4.96	4.99
		Amps	6.4	10.6	11.4	11.6	10.6	12.8	12.8	12.9	14.3	14.3	14.3	14.4	15.9	**15.9**	15.9	16.0	17.7	17.7	17.7	17.8	18.9	18.9	18.9	19.0
		Hi PR	261	278	277	282	316	318	320	325	362	363	365	369	410	**411**	413	418	462	463	465	470	522	524	526	530
		Lo PR	120	119	125	135	119	122	131	141	119	127	135	146	123	**130**	139	150	126	134	143	154	134	142	151	163
	1590	MBh	35.6	47.6	46.9	48.9	45.8	44.5	45.8	47.7	42.1	42.7	43.9	45.8	39.5	40.1	41.3	43.2	36.6	37.1	38.4	40.2	33.7	34.2	35.4	37.2
		S/T	0.84	0.74	0.59	0.45	0.82	0.72	0.60	0.46	0.82	0.75	0.62	0.48	0.84	0.77	0.64	0.50	0.86	0.79	0.66	0.52	1.00	0.84	0.71	0.57
		ΔT	24	22	16	13	24	20	16	13	22	20	17	13	22	20	16	13	21	19	16	13	25	23	19	15
		kW	1.95	2.75	2.94	2.97	3.09	3.31	3.31	3.34	3.72	3.72	3.71	3.74	4.16	4.15	4.15	4.18	4.64	4.64	4.63	4.66	4.99	4.99	4.98	5.01
		Amps	7.8	10.7	11.5	11.6	11.9	12.9	12.9	13.0	14.4	14.4	14.4	14.5	16.0	16.0	16.0	16.1	17.8	17.8	17.8	17.9	19.0	19.0	18.9	19.0
		Hi PR	269	280	280	284	322	321	323	327	364	366	367	372	413	414	416	421	465	466	468	473	525	526	528	533
		Lo PR	119	122	127	138	120	124	133	144	122	129	138	149	125	133	142	153	128	136	145	156	136	144	154	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1170	MBh	26.4	42.1	45.6	47.6	36.7	43.2	44.5	46.5	42.6	41.4	42.7	44.6	38.3	38.8	40.1	42.0	35.4	35.9	37.2	39.0	32.5	33.1	34.2	36.1
		S/T	0.91	0.76	0.60	0.47	0.85	0.74	0.61	0.47	0.85	0.76	0.63	0.50	0.85	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.58
		ΔT	29	29	23	19	31	26	23	19	32	27	23	20	28	26	23	19	28	26	23	19	33	31	27	23
		kW	1.46	2.41	2.90	2.93	2.38	3.27	3.26	3.29	3.42	3.68	3.67	3.70	4.12	4.11	4.11	4.13	4.60	4.60	4.59	4.62	4.95	4.95	4.94	4.97
		Amps	5.9	9.5	11.4	11.5	9.4	12.7	12.7	12.8	13.1	14.2	14.2	14.3	15.8	15.8	15.8	15.9	17.6	17.6	17.6	17.7	18.8	18.8	18.8	18.9
		Hi PR	257	272	275	279	310	316	318	322	363	361	362	367	408	409	411	416	460	461	463	468	520	521	523	528
		Lo PR	120	119	123	134	120	121	129	140	121	125	134	145	122	129	138	149	125	132	141	152	132	140	150	161
	1380	MBh	31.1	46.9	46.3	48.3	41.1	43.9	45.2	47.1	41.5	42.1	43.3	45.2	38.9	39.5	**41.0**	42.6	36.0	36.6	37.8	39.6	33.1	33.7	34.9	36.7
		S/T	0.96	0.82	0.67	0.54	0.92	0.81	0.68	0.54	0.90	0.83	0.70	0.57	1.00	0.85	**0.72**	0.59	1.00	0.87	0.74	0.61	1.00	0.92	0.79	0.66
		ΔT	28	28	22	18	30	25	22	18	27	25	22	18	27	25	**21**	18	26	25	21	18	31	29	25	21
		kW	1.70	2.74	2.92	2.95	2.72	3.29	3.29	3.32	3.70	3.70	3.69	3.72	4.14	4.14	**4.10**	4.16	4.62	4.62	4.61	4.64	4.97	4.97	4.97	4.99
		Amps	6.9	10.6	11.5	11.6	10.6	12.8	12.8	12.9	14.3	14.3	14.3	14.4	15.9	15.9	**16.7**	16.0	17.7	17.7	17.7	17.8	18.9	18.9	18.9	19.0
		Hi PR	264	278	278	282	317	318	320	325	362	363	365	370	411	412	**411**	418	463	464	466	470	523	524	526	531
		Lo PR	120	120	125	136	120	123	131	142	120	127	136	147	123	131	**141**	151	127	134	143	154	134	142	152	163
	1590	MBh	35.8	45.9	47.2	49.2	46.0	44.7	46.0	48.0	42.3	42.9	44.1	46.1	39.7	40.3	41.5	43.4	36.8	37.4	38.6	40.4	33.9	34.4	35.6	37.4
		S/T	0.97	0.84	0.71	0.57	0.94	0.84	0.71	0.58	0.94	0.87	0.74	0.60	1.00	0.89	0.76	0.62	1.00	0.91	0.78	0.64	1.00	0.96	0.83	0.69
		ΔT	28	24	20	17	29	24	20	17	26	24	21	17	26	24	20	17	25	24	20	17	30	28	24	20
		kW	1.95	2.95	2.94	2.97	3.09	3.31	3.31	3.34	3.72	3.72	3.71	3.74	4.16	4.16	4.15	4.18	4.64	4.64	4.63	4.66	4.99	4.99	4.98	5.01
		Amps	7.8	11.6	11.5	11.6	12.0	12.9	12.9	13.0	14.4	14.4	14.4	14.5	16.0	16.0	16.0	16.1	17.8	17.8	17.8	17.9	19.0	19.0	18.9	19.0
		Hi PR	270	278	280	285	323	321	323	328	365	366	368	373	413	414	416	421	465	466	468	473	526	527	529	534
		Lo PR	120	119	128	138	120	125	133	144	122	129	138	149	125	133	142	153	129	137	146	157	136	145	154	166
85	1170	MBh	31.1	47.0	46.4	48.4	41.2	44.0	45.2	47.2	41.5	42.1	43.4	45.3	39.0	39.5	40.8	42.7	36.0	36.6	37.8	39.7	33.2	33.7	34.9	36.7
		S/T	1.00	0.85	0.70	0.56	1.00	0.83	0.70	0.57	1.00	0.86	0.73	0.59	1.00	0.87	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.82	0.68
		ΔT	34	34	27	23	35	30	26	23	32	30	27	23	32	30	26	23	31	30	26	23	37	35	31	27
		kW	1.69	2.72	2.90	2.93	2.71	3.28	3.27	3.30	3.69	3.68	3.68	3.71	4.12	4.12	4.11	4.14	4.61	4.60	4.60	4.63	4.96	4.96	4.95	4.98
		Amps	6.8	10.6	11.4	11.5	10.6	12.8	12.7	12.9	14.3	14.3	14.2	14.4	15.9	15.9	15.8	16.0	17.7	17.6	17.6	17.7	18.8	18.8	18.8	18.9
		Hi PR	262	277	276	281	315	317	319	324	361	362	364	368	409	410	412	417	461	462	464	469	521	523	525	529
		Lo PR	119	119	125	135	120	122	131	142	120	127	136	147	123	131	140	150	126	134	143	154	134	142	151	163
	1380	MBh	35.7	47.7	47.1	49.0	45.9	44.6	45.9	47.9	42.2	42.8	44.0	46.0	39.6	40.2	41.4	43.3	36.7	37.3	38.5	40.3	33.8	34.3	35.5	37.3
		S/T	1.00	0.92	0.77	0.63	1.00	0.90	0.77	0.64	1.00	0.93	0.80	0.66	1.00	0.95	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75
		ΔT	120	120	123	133	119	120	129	139	120	125	133	144	121	128	137	148	124	132	141	152	132	140	149	161
		kW	1.95	2.74	2.93	2.96	3.08	3.30	3.30	3.32	3.71	3.71	3.70	3.73	4.15	4.14	4.14	4.17	4.63	4.63	4.62	4.65	4.98	4.98	4.97	5.00
		Amps	7.8	10.7	11.5	11.6	11.9	12.9	12.8	13.0	14.4	14.4	14.3	14.4	16.0	16.0	15.9	16.0	17.8	17.7	17.7	17.8	18.9	18.9	18.9	19.0
		Hi PR	269	279	279	284	321	320	322	326	363	365	367	371	412	413	415	420	464	465	467	472	524	525	527	532
		Lo PR	257	272	275	279	310	316	318	322	363	361	362	367	408	409	411	416	460	461	463	468	520	521	523	528
	1590	MBh	39.6	46.6	47.9	49.9	44.8	45.4	46.7	48.7	43.0	43.6	44.8	46.8	40.4	41.0	42.2	44.1	37.5	38.0	39.3	41.1	34.5	35.1	36.3	38.1
		S/T	1.00	0.93	0.80	0.67	1.00	0.94	0.81	0.68	1.00	0.96	0.83	0.70	1.00	0.98	0.85	0.72	1.00	1.00	0.87	0.74	1.00	1.00	0.92	0.79
		ΔT	32	28	24	21	29	27	24	20	30	28	24	21	29	27	24	20	29	27	24	20	34	32	28	24
		kW	2.17	2.95	2.95	2.98	3.32	3.32	3.32	3.34	3.73	3.73	3.72	3.75	4.17	4.16	4.16	4.19	4.65	4.65	4.64	4.67	5.00	5.00	4.99	5.02
		Amps	8.6	11.6	11.6	11.7	13.0	12.9	12.9	13.0	14.4	14.4	14.4	14.5	16.0	16.0	16.0	16.1	17.8	17.8	17.8	17.9	19.0	19.0	19.0	19.1
		Hi PR	274	280	281	286	321	322	324	329	366	367	369	374	414	416	418	422	467	468	470	474	527	528	530	535
		Lo PR	120	121	129	140	119	126	135	146	124	131	140	151	127	135	144	155	130	138	147	159	138	146	156	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1390	MBh	26.7	40.2	51.5		35.1	48.8	50.2		46.0	46.7	48.1		43.1	43.8	45.2		39.8	40.5	41.9		32.5	33.1	34.3	
		S/T	0.65	0.51	0.36		0.60	0.49	0.36		0.59	0.51	0.39		0.60	0.53	0.40		0.63	0.55	0.43		0.69	0.61	0.48	
		ΔT	21	21	16		22	19	15		21	19	15		20	18	15		20	18	14		22	20	16	
		kW	1.48	2.28	3.26		2.27	3.69	3.69		4.17	4.16	4.15		4.67	4.67	4.66		5.23	5.22	5.22		4.98	4.98	4.97	
		Amps	6.0	9.1	12.8		9.1	14.4	14.4		16.2	16.2	16.2		18.2	18.1	18.1		20.3	20.3	20.3		19.3	19.3	19.3	
		Hi PR	257	270	285		307	328	330		374	375	377		424	425	427		478	480	481		522	524	526	
		Lo PR	119	119	124		120	122	130		119	127	135		123	130	139		126	134	143		132	139	149	
	1640	MBh	28.9	44.3	52.3		39.2	49.5	51.0		46.8	47.4	48.9		43.8	44.5	45.9		40.6	41.2	42.6		33.1	33.7	34.9	
		S/T	0.70	0.57	0.43		0.66	0.56	0.43		0.66	0.59	0.46		0.68	0.60	0.48		0.70	0.62	0.50		0.76	0.69	0.56	
		ΔT	20	19	14		21	18	14		19	18	14		19	17	14		18	16	13		21	19	15	
		kW	1.59	2.56	3.29		2.57	3.72	3.71		4.19	4.19	4.18		4.70	4.69	4.69		5.25	5.25	5.24		5.01	5.00	5.00	
		Amps	6.5	10.2	12.9		10.2	14.5	14.5		16.3	16.3	16.3		18.3	18.3	18.2		20.4	20.4	20.4		19.4	19.4	19.4	
		Hi PR	261	277	288		314	331	333		377	378	380		427	428	430		481	482	484		525	526	528	
		Lo PR	120	120	127		120	124	133		121	129	137		125	132	141		128	136	145		133	141	151	
	1890	MBh	33.3	51.7	53.2		45.5	50.4	51.9		47.7	48.4	49.8		44.8	45.4	46.8		41.4	42.1	43.5		33.9	34.5	35.7	
		S/T	0.71	0.59	0.46		0.68	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		0.73	0.66	0.53		0.80	0.72	0.59	
		ΔT	19	17	13		20	16	13		18	16	13		18	16	12		17	15	12		19	17	14	
		kW	1.81	3.32	3.31		3.09	3.74	3.74		4.22	4.21	4.21		4.72	4.72	4.71		5.28	5.27	5.27		5.03	5.02	5.02	
		Amps	7.4	13.0	13.0		12.1	14.6	14.6		16.4	16.4	16.4		18.4	18.3	18.3		20.5	20.5	20.5		19.5	19.5	19.4	
		Hi PR	267	289	291		324	334	336		379	381	383		430	431	433		484	485	487		528	529	531	
		Lo PR	120	120	129		119	126	135		123	131	140		127	135	144		130	138	147		135	144	153	
75	1390	MBh	26.7	40.2	51.5	53.8	35.1	48.8	50.2	52.5	46.0	46.7	48.1	50.3	43.1	43.8	45.2	47.4	39.9	40.5	41.9	44.0	32.5	33.1	34.3	36.1
		S/T	0.79	0.64	0.48	0.34	0.73	0.61	0.48	0.35	0.71	0.64	0.51	0.37	0.73	0.65	0.53	0.39	0.75	0.68	0.55	0.41	0.81	0.74	0.61	0.47
		ΔT	25	25	20	16	26	23	20	16	25	23	20	16	24	22	19	15	24	22	18	15	26	24	21	17
		kW	1.48	2.27	3.26	3.29	2.27	3.69	3.68	3.72	4.16	4.16	4.15	4.19	4.67	4.66	4.65	4.69	5.22	5.22	5.21	5.25	4.98	4.98	4.97	5.00
		Amps	6.0	9.1	12.8	12.9	9.1	14.4	14.4	14.5	16.2	16.2	16.2	16.3	18.1	18.1	18.1	18.2	20.3	20.3	20.3	20.4	19.3	19.3	19.3	19.4
		Hi PR	257	270	286	291	308	328	330	335	374	375	377	382	424	425	427	432	479	480	482	487	523	524	526	531
		Lo PR	119	119	124	135	120	122	130	141	119	127	135	146	123	130	139	150	126	134	143	154	132	139	149	160
	1640	MBh	28.9	44.3	52.3	54.5	39.2	49.5	51.0	53.2	46.8	47.5	48.9	51.1	43.9	**44.5**	45.9	48.1	40.6	41.2	42.6	44.7	33.1	33.7	34.9	36.7
		S/T	0.84	0.70	0.55	0.41	0.79	0.68	0.56	0.42	0.78	0.71	0.58	0.44	0.80	**0.73**	0.60	0.46	0.82	0.75	0.62	0.48	1.00	0.81	0.68	0.54
		ΔT	24	24	19	15	25	22	18	15	24	22	18	15	23	**21**	18	14	22	20	17	14	25	23	19	16
		kW	1.58	2.56	3.29	3.32	2.57	3.72	3.71	3.75	4.19	4.19	4.18	4.21	4.69	**4.69**	4.68	4.72	5.25	5.25	5.24	5.27	5.00	5.00	5.00	5.02
		Amps	6.5	10.2	12.9	13.0	10.2	14.5	14.5	14.6	16.3	16.3	16.3	16.4	18.3	**18.2**	18.2	18.3	20.4	20.4	20.4	20.5	19.4	19.4	19.4	19.5
		Hi PR	261	278	289	294	314	331	333	338	377	378	380	385	427	**428**	430	435	481	483	485	490	526	527	529	533
		Lo PR	120	120	127	137	120	124	133	143	121	129	137	148	125	**132**	141	152	128	136	145	156	133	141	151	162
	1890	MBh	33.3	51.8	53.2	55.5	45.6	50.5	51.9	54.1	47.7	48.4	49.8	52.0	44.8	45.4	46.8	49.0	41.5	42.1	43.5	45.6	33.9	34.5	35.7	37.5
		S/T	0.84	0.71	0.59	0.45	0.81	0.72	0.59	0.46	0.81	0.74	0.61	0.48	0.83	0.76	0.63	0.50	0.85	0.78	0.65	0.52	1.00	0.85	0.72	0.58
		ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13	21	19	16	12	24	22	18	14
		kW	1.81	3.32	3.31	3.35	3.09	3.74	3.73	3.77	4.21	4.21	4.20	4.24	4.72	4.71	4.71	4.74	5.27	5.27	5.26	5.30	5.02	5.02	5.01	5.04
		Amps	7.4	13.0	13.0	13.1	12.1	14.6	14.6	14.7	16.4	16.4	16.4	16.5	18.3	18.3	18.3	18.4	20.5	20.5	20.5	20.6	19.5	19.5	19.4	19.5
		Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438	484	485	487	492	528	529	531	536
		Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155	130	138	147	159	135	144	153	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			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	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1390	MBh	26.9	40.4	51.8	54.0	36.6	49.0	50.5	52.7	46.3	47.0	48.4	50.6	43.4	44.1	45.5	47.6	40.1	40.8	42.1	44.2	32.7	33.3	34.5	36.3
		S/T	0.92	0.76	0.60	0.46	0.84	0.73	0.60	0.47	0.83	0.75	0.63	0.49	1.00	0.77	0.64	0.51	1.00	0.79	0.67	0.53	1.00	0.86	0.73	0.59
		ΔT	29	30	24	21	31	28	24	20	29	27	24	20	28	27	23	20	28	26	22	19	31	29	25	21
		kW	1.48	2.28	3.26	3.30	2.37	3.69	3.69	3.72	4.17	4.16	4.15	4.19	4.67	4.66	4.66	4.69	5.23	5.22	5.22	5.25	4.98	4.98	4.97	5.00
		Amps	6.0	9.1	12.8	12.9	9.5	14.4	14.4	14.5	16.2	16.2	16.2	16.3	18.2	18.1	18.1	18.2	20.3	20.3	20.3	20.4	19.3	19.3	19.3	19.4
		Hi PR	258	271	286	291	310	329	331	336	374	376	378	383	425	426	428	433	479	480	482	487	523	524	526	531
		Lo PR	120	120	125	136	119	122	131	142	120	127	136	147	123	131	140	151	127	134	143	155	132	140	149	161
	1640	MBh	29.1	46.7	52.5	54.8	41.0	49.8	51.2	53.5	47.0	47.7	49.1	51.3	44.1	44.8	**46.5**	48.3	40.8	41.5	42.9	45.0	33.4	33.9	35.1	36.9
		S/T	0.97	0.81	0.67	0.53	0.90	0.80	0.67	0.54	0.90	0.83	0.70	0.56	1.00	0.84	**0.72**	0.58	1.00	0.86	0.74	0.60	1.00	0.93	0.80	0.66
		ΔT	29	29	23	19	30	26	22	19	28	26	22	19	27	25	**22**	18	26	24	21	18	29	27	24	20
		kW	1.59	2.73	3.29	3.32	2.71	3.72	3.71	3.75	4.19	4.19	4.18	4.22	4.70	4.69	**4.65**	4.72	5.25	5.25	5.24	5.28	5.01	5.00	5.00	5.02
		Amps	6.5	10.8	12.9	13.0	10.7	14.5	14.5	14.6	16.3	16.3	16.3	16.4	18.3	18.3	**18.8**	18.4	20.4	20.4	20.4	20.5	19.4	19.4	19.4	19.5
		Hi PR	262	280	289	294	317	332	334	339	377	379	381	385	428	429	**428**	436	482	483	485	490	526	527	529	534
		Lo PR	120	119	127	138	120	124	133	144	122	129	138	149	125	133	**143**	153	129	136	146	157	134	142	151	163
	1890	MBh	35.7	52.0	53.5	55.7	50.0	50.7	52.2	54.4	48.0	48.6	50.1	52.2	45.0	45.7	47.1	49.2	41.7	42.4	43.7	45.8	34.1	34.7	35.9	37.7
		S/T	0.96	0.83	0.70	0.57	0.91	0.84	0.71	0.57	1.00	0.86	0.73	0.60	1.00	0.88	0.75	0.62	1.00	0.90	0.77	0.64	1.00	0.97	0.84	0.70
		ΔT	28	25	22	18	27	25	21	18	27	25	21	18	26	24	21	17	25	23	20	16	28	26	22	19
		kW	1.94	3.32	3.31	3.35	3.75	3.74	3.74	3.77	4.22	4.21	4.20	4.24	4.72	4.71	4.71	4.74	5.28	5.27	5.27	5.30	5.02	5.02	5.02	5.04
		Amps	7.9	13.0	13.0	13.1	14.6	14.6	14.6	14.7	16.4	16.4	16.4	16.5	18.4	18.3	18.3	18.4	20.5	20.5	20.5	20.6	19.5	19.5	19.4	19.5
		Hi PR	270	290	292	297	333	335	337	341	380	381	383	388	430	432	434	439	485	486	488	493	529	530	532	537
		Lo PR	119	121	129	140	119	127	135	146	124	131	140	151	127	135	144	155	131	139	148	159	136	144	154	165
85	1390	MBh	29.1	44.6	52.6	54.9	41.0	49.9	51.3	53.5	47.1	47.8	49.2	51.4	44.2	44.8	46.2	48.4	40.9	41.5	42.9	45.0	33.4	34.0	35.2	37.0
		S/T	1.00	0.85	0.69	0.56	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.59	1.00	0.87	0.74	0.61	1.00	1.00	0.76	0.63	1.00	1.00	0.83	0.69
		ΔT	34	34	28	24	35	31	28	24	33	31	27	24	32	30	27	23	31	29	26	22	34	32	29	25
		kW	1.58	2.55	3.27	3.31	2.69	3.70	3.69	3.73	4.17	4.17	4.16	4.20	4.68	4.67	4.67	4.70	5.23	5.23	5.22	5.26	4.99	4.99	4.98	5.01
		Amps	6.4	10.1	12.8	12.9	10.7	14.4	14.4	14.6	16.3	16.2	16.2	16.3	18.2	18.2	18.1	18.3	20.3	20.3	20.3	20.4	19.3	19.3	19.3	19.4
		Hi PR	260	277	288	292	315	330	332	337	376	377	379	384	426	427	429	434	480	482	484	489	525	526	528	532
		Lo PR	120	120	127	137	119	124	133	144	121	129	138	149	125	133	142	153	128	136	145	156	134	142	151	162
	1640	MBh	33.4	51.9	53.4	55.6	45.7	50.6	52.1	54.3	47.8	48.5	49.9	52.1	44.9	45.6	47.0	49.1	41.6	42.2	43.6	45.7	34.0	34.6	35.8	37.6
		S/T	1.00	0.89	0.76	0.63	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.66	1.00	0.94	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00	0.90	0.76
		ΔT	119	119	124	135	120	122	130	141	119	127	135	146	123	130	139	150	126	134	143	154	132	139	149	160
		kW	1.80	3.31	3.30	3.33	3.08	3.73	3.72	3.76	4.20	4.20	4.19	4.22	4.70	4.70	4.69	4.73	5.26	5.26	5.25	5.28	5.01	5.01	5.00	5.03
		Amps	7.3	13.0	12.9	13.1	12.1	14.6	14.5	14.7	16.4	16.4	16.3	16.5	18.3	18.3	18.3	18.4	20.5	20.4	20.4	20.5	19.4	19.4	19.4	19.5
		Hi PR	267	288	290	295	323	333	335	340	379	380	382	387	429	430	432	437	483	485	486	491	527	529	530	535
		Lo PR	258	271	286	291	310	329	331	336	374	376	378	383	425	426	428	433	479	480	482	487	523	524	526	531
	1890	MBh	39.5	52.8	54.3	56.6	50.9	51.5	53.0	55.2	48.8	49.4	50.9	53.0	45.8	46.5	47.9	50.0	42.5	43.1	44.5	46.6	34.8	35.4	36.6	38.4
		S/T	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.67	1.00	0.96	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.94	0.80
		ΔT	33	29	26	22	31	29	25	21	30	28	25	21	30	28	24	21	29	27	24	20	32	30	26	22
		kW	2.15	3.33	3.32	3.36	3.76	3.75	3.74	3.78	4.22	4.22	4.21	4.25	4.73	4.72	4.72	4.75	5.28	5.28	5.27	5.31	5.03	5.03	5.02	5.05
		Amps	8.7	13.0	13.0	13.2	14.7	14.7	14.6	14.8	16.5	16.4	16.4	16.6	18.4	18.4	18.3	18.5	20.5	20.5	20.5	20.6	19.5	19.5	19.5	19.6
		Hi PR	274	291	293	298	335	336	338	343	381	383	385	390	432	433	435	440	486	487	489	494	530	531	533	538
		Lo PR	120	123	131	142	121	128	137	148	125	133	142	153	129	137	146	157	132	140	150	161	137	146	155	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

AZV7SA2410A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	28.7	27.2	25.7	24.2	23.2	22.5	20.9	27.0	24.9	23.4	22.3	21.7	20.9	18.9	17.0	15.1	13.1	11.2
T/R	32	31	29	28	27	26	24	31	29	27	26	25	24	22	20	17	15	13
KW	2.19	2.15	2.12	2.08	2.06	2.05	2.01	3.11	3.01	2.90	2.80	2.74	2.70	2.59	2.49	2.39	2.28	2.18
AMPS	8.2	8.1	7.9	7.8	7.7	7.6	7.5	12.3	11.8	11.4	10.9	10.6	10.5	10.0	9.6	9.1	8.6	8.2
COP	3.86	3.71	3.56	3.40	3.30	3.22	3.04	2.54	2.43	2.36	2.33	2.32	2.27	2.14	2.00	1.85	1.68	1.50

AZV7SA3610A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	44.5	41.9	39.2	36.7	35.0	33.8	30.8	42.6	40.0	37.8	36.3	35.5	34.4	31.7	29.0	26.3	23.6	20.9
T/R	32	30	28	27	26	25	23	29	27	25	24	24	23	21	19	18	16	14
KW	3.36	3.29	3.22	3.15	3.11	3.08	3.01	4.77	4.68	4.59	4.51	4.46	4.42	4.34	4.25	4.17	4.08	4.00
AMPS	13.5	13.2	12.9	12.6	12.4	12.3	12.0	19.3	18.9	18.5	18.1	17.9	17.8	17.4	17.0	16.7	16.3	15.9
COP	3.88	3.73	3.57	3.41	3.30	3.22	3.00	2.62	2.50	2.41	2.36	2.34	2.28	2.14	2.00	1.85	1.69	1.53

AZV7SA4210A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	50.8	48.0	45.4	42.7	41.0	39.7	36.9	53.4	48.7	45.3	42.8	41.5	39.7	35.4	31.0	26.6	22.3	17.9
T/R	34	33	31	30	29	28	26	36	33	31	29	28	27	24	21	18	15	12
KW	3.86	3.80	3.74	3.68	3.64	3.62	3.56	6.11	5.85	5.59	5.33	5.17	5.07	4.81	4.55	4.29	4.03	3.77
AMPS	14.7	14.4	14.2	13.9	13.7	13.6	13.4	24.5	23.3	22.2	21.1	20.4	19.9	18.8	17.7	16.6	15.4	14.3
COP	3.86	3.71	3.56	3.41	3.30	3.22	3.04	2.56	2.44	2.38	2.35	2.35	2.30	2.15	2.00	1.82	1.62	1.39

AZV7SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	60.9	57.2	53.5	49.8	47.5	45.8	41.5	58.0	52.9	49.2	46.4	45.0	43.1	38.3	33.6	28.9	24.1	19.4
T/R	39	37	35	33	32	31	28	35	32	29	28	27	26	23	20	17	14	12
KW	4.71	4.57	4.44	4.30	4.22	4.16	4.03	6.54	6.27	6.00	5.73	5.56	5.46	5.18	4.91	4.64	4.37	4.10
AMPS	18.3	17.7	17.1	16.5	16.2	15.9	15.3	22.7	21.7	20.6	19.6	19.0	18.6	17.5	16.5	15.5	14.4	13.4
COP	3.79	3.66	3.53	3.40	3.30	3.22	3.02	2.65	2.52	2.45	2.43	2.42	2.36	2.21	2.00	1.86	1.65	1.42

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

AZV7SA2410A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	41.7	39.3	37.0	34.6	33.1	32.0	29.4	Same as normal heating mode
T/R	46	44	42	40	38	37	34	
KW	3.38	3.28	3.19	3.09	3.04	3.00	2.91	
AMPS	13.4	13.0	12.6	12.2	11.9	11.8	11.4	
COP	3.62	3.51	3.40	3.28	3.20	3.13	2.97	

AZV7SA3610A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	64.0	60.6	57.3	54.0	51.8	50.2	46.7	Same as normal heating mode
T/R	41	39	38	36	35	34	31	
KW	5.28	5.19	5.11	5.02	4.97	4.94	4.85	
AMPS	21.5	21.1	20.7	20.4	20.2	20.0	19.6	
COP	3.55	3.42	3.29	3.15	3.05	2.98	2.82	

AZV7SA4210A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	83.8	78.6	73.6	68.6	65.4	63.1	57.2	Same as normal heating mode
T/R	57	54	51	48	46	44	40	
KW	7.26	7.02	6.77	6.52	6.38	6.28	6.03	
AMPS	29.5	28.4	27.3	26.3	25.6	25.2	24.1	
COP	3.38	3.29	3.19	3.08	3.01	2.94	2.78	

AZV7SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	84.0	78.9	73.8	68.8	65.6	63.2	57.3	Same as normal heating mode
T/R	54	51	49	46	44	42	38	
KW	7.15	6.91	6.68	6.44	6.29	6.20	5.96	
AMPS	28.9	27.9	26.8	25.8	25.2	24.8	23.7	
COP	3.44	3.34	3.24	3.13	3.05	2.99	2.82	

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

AZV7SA2410A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 13-15°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	26,000	18,500	7,500	1,720
80°	25,400	18,300	7,100	1,800
85°	24,700	18,000	6,700	1,910
90°	24,000	17,700	6,300	2,000
95°	**23,200**	**17,400**	**5,800**	**2,110**
100°	22,200	17,000	5,200	2,200
105°	21,100	16,500	4,600	2,330
110°	20,300	16,400	3,900	2,500
115°	19,400	16,300	3,100	2,590
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**22,200**	**17,100**	**5,100**	**2,110**

AZV7SA2410A* / AHVE36CP1300A*
Design Subcooling @ AHRI 95°F Conditions 13-15°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	33,600	22,200	11,400	2,200
80°	32,800	22,100	10,700	2,300
85°	31,900	22,000	9,900	2,450
90°	30,800	21,600	9,200	2,600
95°	**29,700**	**21,100**	**8,600**	**2,700**
100°	28,500	20,700	7,800	2,900
105°	27,300	20,200	7,100	3,000
110°	26,200	20,000	6,200	3,200
115°	25,100	19,800	5,300	3,350
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**28,700**	**20,700**	**8,000**	**2,700**

AZV7SA3610A* / AHVE48DP1300A*
Design Subcooling @ AHRI 95°F Conditions 7-9°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	41,100	30,400	10,700	2,510
80°	39,800	30,000	9,800	2,700
85°	38,500	29,600	8,900	2,850
90°	36,800	28,700	8,100	3,100
95°	**35,000**	**27,700**	**7,300**	**3,330**
100°	33,500	26,800	6,700	3,500
105°	32,000	25,900	6,100	3,660
110°	30,500	25,600	4,900	3,900
115°	29,000	25,200	3,800	4,160
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**34,100**	**27,300**	**6,800**	**3,240**

AZV7SA3610A* / AHVE48DP1300A*
Design Subcooling @ AHRI 95°F Conditions 7-9°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	59,100	38,400	20,700	3,600
80°	57,300	37,800	19,500	3,900
85°	55,500	37,200	18,300	4,150
90°	53,200	36,200	17,000	4,400
95°	**50,900**	**35,100**	**15,800**	**4,700**
100°	48,500	34,200	14,300	5,000
105°	46,100	33,200	12,900	5,350
110°	37,600	29,200	8,400	4,800
115°	29,000	25,200	3,800	4,200
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**49,100**	**34,400**	**14,700**	**4,700**

AZV7SA4210A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 8-10°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	45,200	30,700	14,500	3,290
80°	44,300	30,500	13,800	3,500
85°	43,300	30,300	13,000	3,690
90°	42,200	29,900	12,300	3,900
95°	**41,000**	**29,500**	**11,500**	**4,100**
100°	39,400	28,800	10,600	4,400
105°	37,800	28,000	9,800	4,610
110°	36,400	27,800	8,600	4,800
115°	34,900	27,600	7,300	4,970
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**39,300**	**28,700**	**10,600**	**4,130**

AZV7SA4210A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 8-10°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	61,200	38,000	23,200	5,350
80°	60,500	38,200	22,300	5,850
85°	59,800	38,300	21,500	6,300
90°	58,100	37,700	20,400	6,750
95°	**55,200**	**38,000**	**17,200**	**6,900**
100°	49,600	35,700	13,900	6,300
105°	44,000	33,300	10,700	5,650
110°	39,500	30,400	9,100	5,300
115°	34,900	27,400	7,500	5,000
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**51,100**	**34,700**	**16,400**	**6,250**

AZV7SA4810A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 8-10°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	51,200	34,300	16,900	3,710
80°	50,200	34,400	15,800	3,900
85°	49,100	34,400	14,700	4,180
90°	47,800	34,000	13,800	4,400
95°	**46,500**	**33,500**	**13,000**	**4,650**
100°	44,700	32,600	12,100	4,900
105°	42,900	31,700	11,200	5,240
110°	39,000	29,900	9,100	5,100
115°	35,100	28,100	7,000	5,000
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**44,500**	**32,500**	**12,000**	**4,690**

AZV7SA4810A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 8-10°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	61,800	38,900	22,900	5,400
80°	61,200	38,900	22,300	5,850
85°	60,600	38,800	21,800	6,300
90°	58,800	38,300	20,500	6,800
95°	**55,900**	**37,500**	**18,400**	**6,850**
100°	50,100	35,800	14,300	6,250
105°	44,300	34,000	10,300	5,650
110°	39,700	31,000	8,700	5,300
115°	35,100	28,000	7,100	5,000
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**53,700**	**36,500**	**17,200**	**6,900**

Normal mode - Cooling		Sound Power Level[1]						
Tonnage	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
		125	250	500	1000	2000	4000	8000
2-ton	66	56.9	57.4	62.0	60.2	54.2	47.4	40.3
3-ton	70	59.7	63.9	64.6	65.2	60.3	53.8	47.5
3.5-ton	71	61.2	64.7	65.3	65.6	61.3	57.2	48.9
4-ton	71	61.2	64.7	65.3	65.6	61.3	57.2	48.9

[1]Compliant with AHRI 270.
[2] Compliant with AHRI 220.

Normal mode - Heating		Sound Power Level[1]						
Tonnage	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
		125	250	500	1000	2000	4000	8000
2-ton	70	56.2	61.4	65.5	64.5	58.4	52.0	44.6
3-ton	71	60.7	61.3	64.8	66.1	61.5	56.0	50.3
3.5-ton	72	61.0	64.2	66.6	66.7	62.2	57.0	51.3
4-ton	72	61.0	64.2	66.6	66.7	62.2	57.0	51.3

[1] Compliant with AHRI 270.
[2] Compliant with AHRI 220.

Quiet mode_Cooling

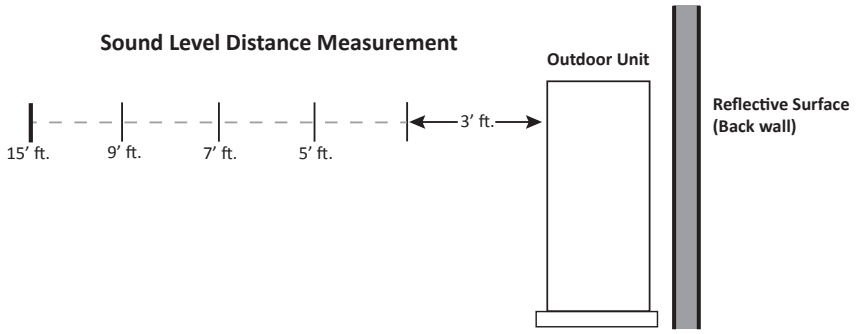
Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2
2-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

[1] Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].

Quiet mode_Heating

Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2
2-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

[1] Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].



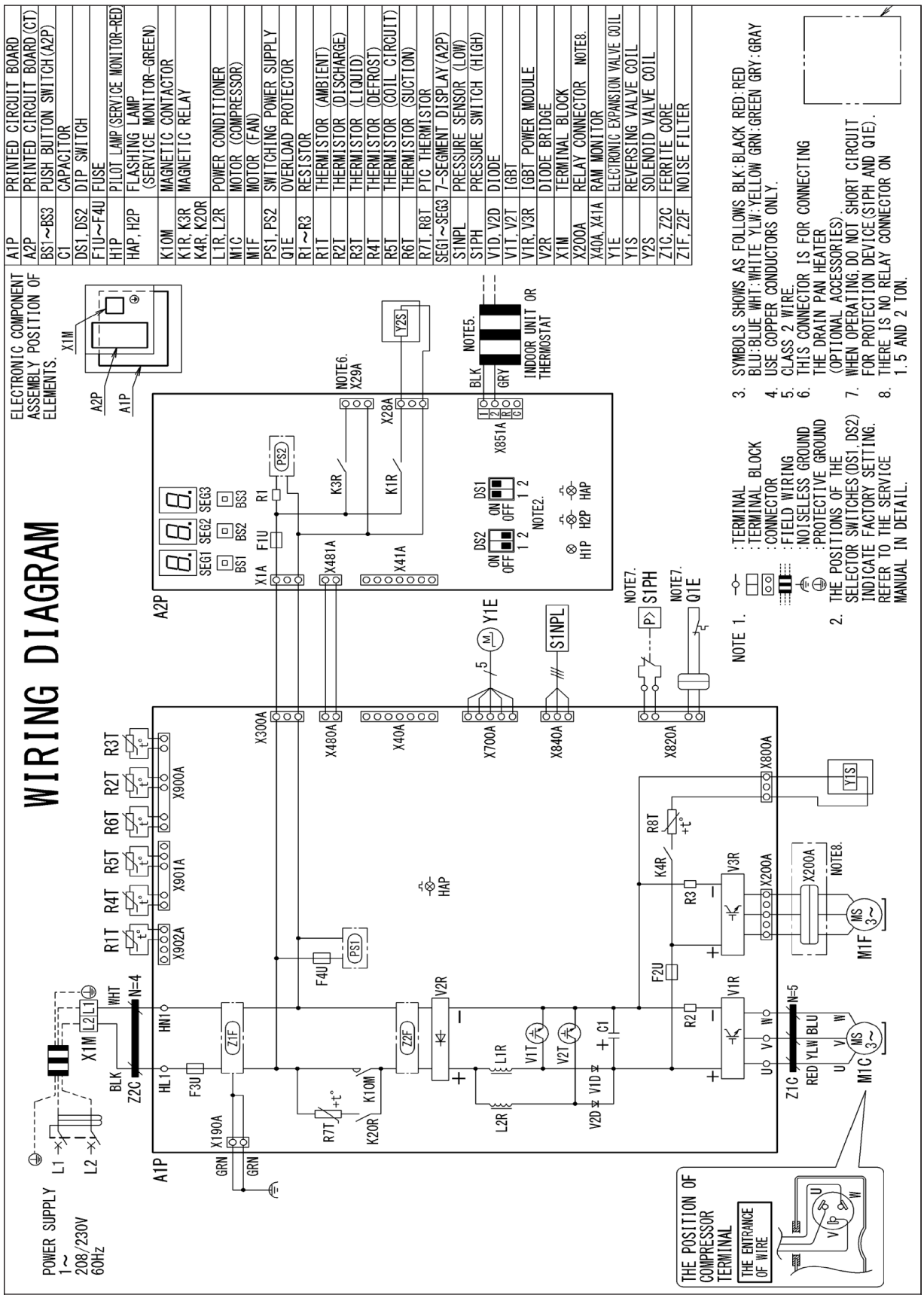
		Sound Pressure (dBA) Cooling Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
2.0 Ton	0	59	54	52	49	45
	1	62	57	55	52	48
	2	65	60	58	55	51
3.0 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
3.5 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56
4.0 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56

[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

		Sound Pressure (dBA) Heating Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
2.0 Ton	0	62	58	55	53	48
	1	65	61	58	56	51
	2	68	64	61	59	54
3.0 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
3.5 Ton	0	65	61	58	55	51
	1	68	64	61	58	54
	2	71	67	64	61	57
4.0 Ton	0	65	61	58	55	51
	1	68	64	61	58	54
	2	71	67	64	61	57

[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

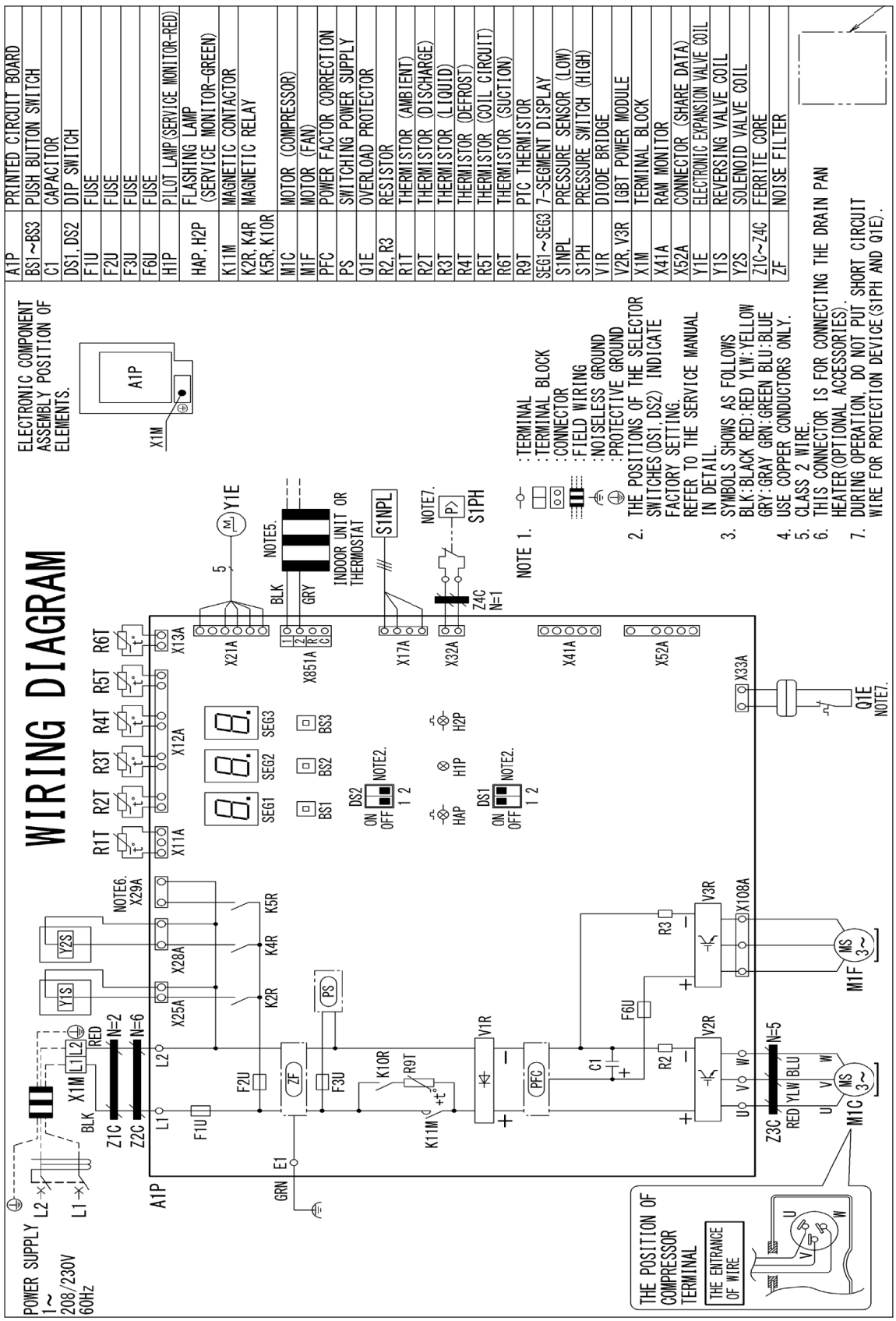
ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.



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.

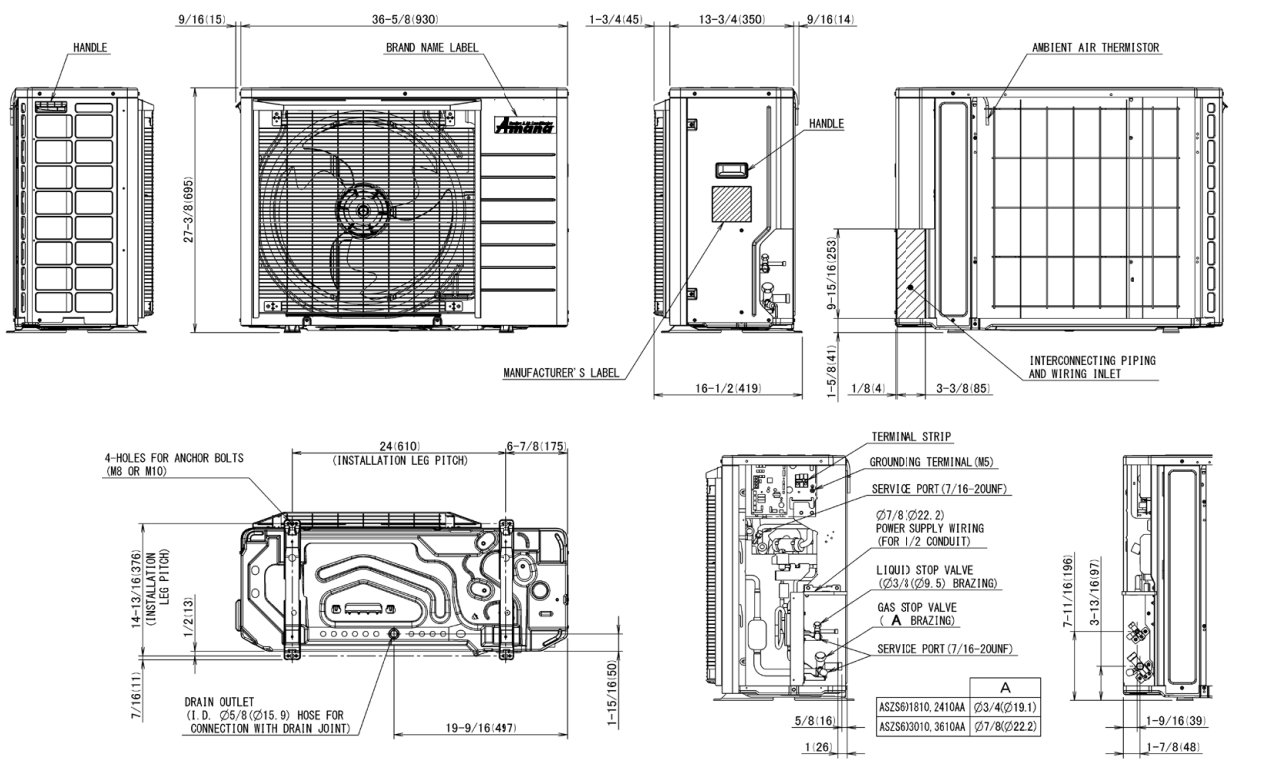


WARNING

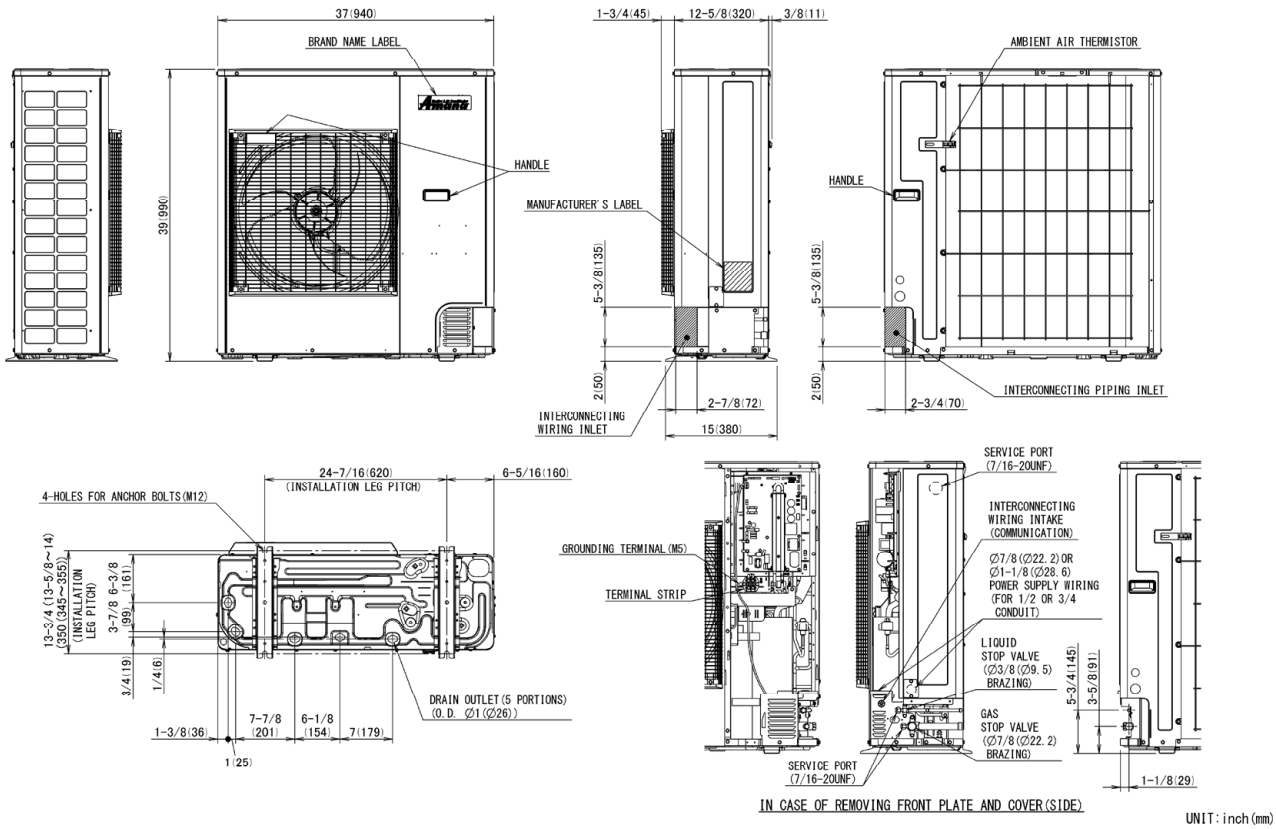
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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

MODEL	DIMENSIONS		
	W"	D"	H"
AZV7SA2410A*	36⅝	13¾	27⅜



MODEL	DIMENSIONS		
	W"	D"	H"
AZV7SA3610A*	37	12⅝	39
AZV7SA4210A*	37	12⅝	39
AZV7SA4810A*	37	12⅝	39



MODEL	DESCRIPTION	AZV7SA 2410A*	AZV7SA 3610A*	AZV7SA 4210A*	AZV7SA 4810A*
KPW5G112	Wind Baffle	X	X	X	X
KPS00501 [1]	Snow Guard Front	X			
KPS00502 [1]	Snow Guard Rear	X			
KPS00503 [1]	Snow Guard Side	X			
KPS00504 [1]	Snow Guards - Complete Set	X			
KPS00601 [1]	Snow Guard Front		X	X	X
KPS00602 [1]	Snow Guard Rear		X	X	X
KPS00603 [1]	Snow Guard Side		X	X	X
KPS00604 [1]	Snow Guards - Complete Set		X	X	X
130-DK-006	Hail Guard	X			
130-DK-008	Hail Guard		X	X	X
KEH3P573598	Drain Pan Heater	X			
KEH3P573567	Drain Pan Heater		X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X

[1] Product is manufactured at time of order. Lead time will be associated with purchase.