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

AZV9S

S-SERIES

UP TO 21.0 SEER2 & 10.0 HSPF2
2 , 3, 4 AND 5 TONS

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

Contents

R32

Standard Features

- Variable-speed swing compressors
- Strong heating capacity (Met the requirements of the U.S. Department of Energy (DOE) Residential Cold Climate Heat Pump Challenge)
- Suitable for high-ambient regions
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Amana Smart Thermostat and other Amana communicating equipment
- Compatible with AHRI 1380 Demand Response functionality 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/Discharge Pressure transducer
- Sweat connection service valves with easy access to gauge ports
- 3-Stage Heater Kit Available as a Field Installed Option
- Hot gas base pan eliminates extra drain pan heater down to 5°F
- 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.)

Most Efficient 2025 ENERGY STAR www.energystar.gov

COLD CLIMATE ENERGY STAR

ENERGY STAR

Products that are recognized as the Most Efficient of **ENERGY STAR®** in 2025 prevent greenhouse gas emissions by meeting rigorousenergy efficiency performance levels set by the U.S. Environmental Protection Agency.

* Proper sizing and installation of equipment is critical to achieve 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.

10 YEAR PARTS LIMITED WARRANTY*

10 YEAR UNIT REPLACEMENT LIMITED WARRANTY*

ONE-TIME UNIT REPLACEMENT OFFERED BY ASURE (YEARS 11-99)‡

ONE-TIME COMPRESSOR REPLACEMENT OFFERED BY ASURE (YEARS 11-99)‡

AHRI CERTIFIED

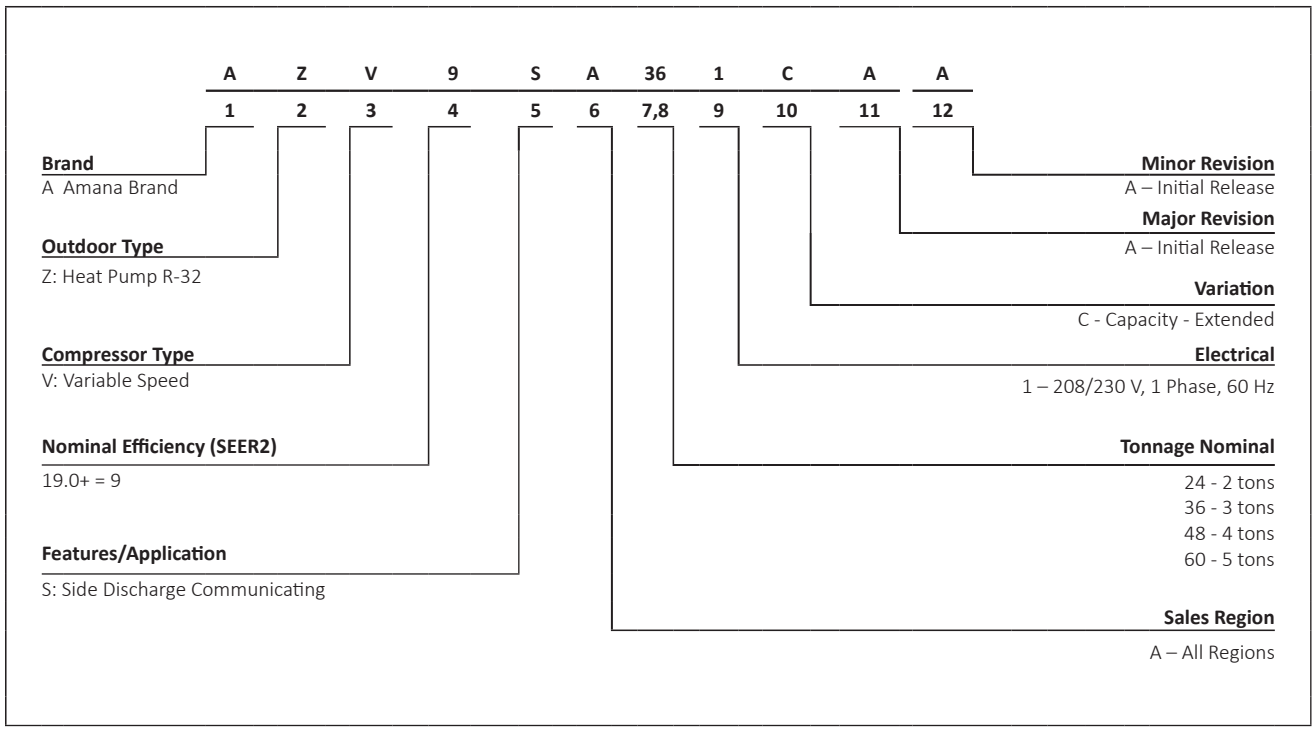
C ETL LISTED US Intertek

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

* Complete warranty available from your local dealer or at www.amana-hac.com. To receive the 10-Year Parts Limited Warranty and/or 10-Year Unit Replacement Limited Warranty (good for as long as you own your home), online registration must be completed within 60 days of installation. Online registration is not required in California, Florida, or Québec. The duration of warranty coverages in Texas and Florida differs in some cases. Changes in law, regulations, or technology may result in an equivalent unit not being available. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions, as well as rights and obligations should an equivalent unit not be available.

‡ One-time Unit Replacement coverage and One-time Compressor Replacement coverage is available to the original homeowner for years 11-99 after the installation date through an *ASURE* Extend Service Plan. Complete details about the Extended Service Plan options available from your *ASURE* dealer.


A Z V 9 S A 36 1 C A A
1 2 3 4 5 6 7,8 9 10 11 12
Brand
A Amana Brand
Outdoor Type
Z: Heat Pump R-32
Compressor Type
V: Variable Speed
Nominal Efficiency (SEER2)
19.0+ = 9
Features/Application
S: Side Discharge Communicating
Minor Revision
A – Initial Release
Major Revision
A – Initial Release
Variation
C - Capacity - Extended
Electrical
1 – 208/230 V, 1 Phase, 60 Hz
Tonnage Nominal
24 - 2 tons
36 - 3 tons
48 - 4 tons
60 - 5 tons
Sales Region
A – All Regions

	AZV9SA 241CA*	AZV9SA 361CA*	AZV9S A4810A*	AZV9S A6010A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)-95F	24,000	34,200	46,000	54,000
Max. Heating (BTU/h)-47F	24,000	34,200	48,000	54,000
Max. Heating (BTU/h)-5F	24,000	34,200	44,000	47,000
AMBIENT OPERATION RANGE				
Cooling (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)			
Heating (°FDB(°CDB))	-20 to 70 (-28.9 to 21.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR				
Horsepower	2 x 0.32	2 x 0.32	2 x 0.32	2 x 0.32
REFRIGERATION SYSTEM				
Refrigerant Line Size[1]				
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	⅞"	⅞"	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 and Back Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	162	162	162	162
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	11±1°F	11±1°F	11±1°F	11±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	8.0	12.0	24.5	24.5
Minimum Circuit Ampacity[2]	17.4	21.8	34.4	34.4
Max. Overcurrent Protection[3]	20	25	40	40
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"
EQUIPMENT WEIGHT (LBS)	230	230	230	230
SHIP WEIGHT (LBS)	265	265	265	265
ENERGY STAR® CERTIFIED	Most Efficient 2025 COLD CLIMATE	Most Efficient 2025 COLD CLIMATE	Most Efficient 2025 COLD CLIMATE	Most Efficient 2025 COLD CLIMATE

[1] Tested and rated in accordance with 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			
	5/16	⅜	⅝	¾	⅞	1⅛
2.0	x	x	x	x	x	
3.0	x	x		x	x	
4.0		x			x	x
5.0		x			x	x

x Allowable combination

OUTDOOR UNIT	**AZV9S*361*A* AZV9S*481*A* AZV9S*601*A***	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	A*VT960403B / 0603B A*VM970603B A*VT800603B / 0803B A*VS960603BU	

			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	770	MBh	25.0	25.3	26.1		24.5	24.9	25.6		23.7	24.0	24.7		22.4	22.7	23.4		20.8	21.2	21.9		19.4	19.8	20.5	
		S/T	0.63	0.54	0.40		0.63	0.55	0.41		0.65	0.57	0.43		0.67	0.59	0.45		0.69	0.61	0.47		0.74	0.66	0.52	
		ΔT	20	18	15		20	18	14		19	18	14		19	17	14		18	17	13		19	17	14	
		kW	1.26	1.26	1.26		1.47	1.47	1.46		1.70	1.70	1.70		1.97	1.97	1.96		2.27	2.27	2.26		2.63	2.63	2.62	
		Amps	6.0	6.0	5.9		6.7	6.7	6.7		7.5	7.5	7.5		8.4	8.4	8.4		9.3	9.3	9.3		10.5	10.5	10.4	
		Hi PR	218	219	221		257	258	260		299	300	301		345	346	347		395	396	397		450	451	452	
		Lo PR	129	133	140		133	137	144		136	140	147		137	141	148		138	142	149		140	143	151	
	900	MBh	25.4	25.7	26.5		24.9	25.3	26.0		24.0	24.4	25.1		22.7	23.1	23.8		21.2	21.5	22.3		19.8	20.1	20.9	
		S/T	0.71	0.63	0.48		0.71	0.63	0.49		0.73	0.65	0.51		0.75	0.67	0.53		0.77	0.69	0.55		0.82	0.74	0.60	
		ΔT	19	17	13		18	16	13		18	16	13		18	16	13		17	15	12		18	16	13	
		kW	1.27	1.27	1.27		1.48	1.48	1.47		1.71	1.71	1.71		1.98	1.98	1.97		2.28	2.28	2.28		2.64	2.64	2.64	
		Amps	6.0	6.0	6.0		6.8	6.8	6.7		7.6	7.6	7.6		8.4	8.4	8.4		9.4	9.4	9.4		10.5	10.5	10.5	
		Hi PR	221	222	223		260	260	262		301	302	304		347	348	350		397	398	400		452	453	455	
		Lo PR	132	135	143		135	139	147		138	142	149		139	143	150		140	144	151		142	145	153	
	1040	MBh	25.8	26.2	26.9		25.4	25.7	26.5		24.5	24.9	25.6		23.2	23.6	24.3		21.7	22.0	22.7		20.3	20.6	21.3	
		S/T	0.75	0.67	0.52		0.75	0.67	0.53		0.77	0.69	0.55		0.79	0.71	0.57		0.81	0.73	0.59		0.99	0.78	0.64	
		ΔT	18	16	12		17	15	12		17	15	12		17	15	12		16	14	11		17	15	12	
		kW	1.28	1.28	1.28		1.49	1.48	1.48		1.72	1.72	1.72		1.99	1.98	1.98		2.29	2.29	2.28		2.65	2.65	2.65	
		Amps	6.1	6.0	6.0		6.8	6.8	6.8		7.6	7.6	7.6		8.5	8.5	8.5		9.4	9.4	9.4		10.5	10.5	10.5	
		Hi PR	223	224	225		262	263	264		303	304	306		349	350	352		400	401	402		454	455	457	
		Lo PR	134	138	145		138	142	149		140	144	152		142	145	153		142	146	153		144	148	155	
75	770	MBh	25.0	25.3	26.1	27.2	24.5	24.9	25.6	26.8	23.7	24.0	24.8	25.9	22.4	22.7	23.4	24.6	20.8	21.2	21.9	23.0	19.4	19.8	20.5	21.6
		S/T	0.76	0.68	0.54	0.39	1.00	0.69	0.54	0.39	1.00	0.71	0.57	0.42	1.00	0.73	0.58	0.44	1.00	0.75	0.61	0.46	0.99	0.80	0.66	0.51
		ΔT	24	22	19	15	24	22	18	15	23	22	18	15	23	21	18	14	22	20	17	14	23	21	18	15
		kW	1.26	1.26	1.26	1.27	1.47	1.46	1.46	1.47	1.70	1.70	1.70	1.71	1.97	1.96	1.96	1.97	2.27	2.27	2.26	2.28	2.63	2.63	2.62	2.64
		Amps	6.0	6.0	5.9	6.0	6.7	6.7	6.7	6.7	7.5	7.5	7.5	7.6	8.4	8.4	8.4	8.4	9.3	9.3	9.3	9.4	10.5	10.4	10.4	10.5
		Hi PR	219	220	221	225	257	258	260	264	299	300	302	306	345	346	347	351	395	396	398	402	450	451	452	457
		Lo PR	129	133	140	152	133	137	144	156	136	140	147	158	137	141	148	159	138	142	149	160	140	144	151	162
	900	MBh	25.4	25.7	26.5	27.6	24.9	25.3	26.0	27.2	24.1	24.4	25.1	26.3	22.7	**23.1**	23.8	24.9	21.2	21.6	22.3	23.4	19.8	20.2	20.9	22.0
		S/T	0.84	0.76	0.62	0.47	1.00	0.77	0.62	0.47	1.00	0.79	0.65	0.50	1.00	**0.81**	0.66	0.51	1.00	0.83	0.68	0.54	0.99	0.88	0.74	0.59
		ΔT	23	21	17	14	22	20	17	14	22	20	17	14	21	**20**	16	13	21	19	16	13	21	20	17	13
		kW	1.27	1.27	1.27	1.28	1.48	1.47	1.47	1.48	1.71	1.71	1.71	1.72	1.98	**1.97**	1.97	1.99	2.28	2.28	2.27	2.29	2.64	2.64	2.64	2.65
		Amps	6.0	6.0	6.0	6.0	6.8	6.7	6.7	6.8	7.6	7.6	7.5	7.6	8.4	**8.4**	8.4	8.5	9.4	9.4	9.4	9.4	10.5	10.5	10.5	10.5
		Hi PR	221	222	223	227	260	261	262	266	301	302	304	308	347	**348**	350	354	397	398	400	404	452	453	455	459
		Lo PR	132	135	143	154	135	139	147	158	138	142	149	161	139	**143**	150	162	140	144	151	162	142	145	153	164
	1040	MBh	25.9	26.2	27.0	28.1	25.4	25.8	26.5	27.6	24.5	24.9	25.6	26.7	23.2	23.6	24.3	25.4	21.7	22.0	22.7	23.9	20.3	20.6	21.3	22.4
		S/T	1.00	0.80	0.66	0.51	1.00	0.81	0.66	0.51	1.00	0.83	0.69	0.54	1.00	0.85	0.70	0.55	1.00	0.87	0.72	0.57	0.99	0.92	0.77	0.63
		ΔT	22	20	16	13	21	19	16	13	21	19	16	13	20	19	15	12	20	18	15	12	20	19	16	12
		kW	1.28	1.28	1.27	1.29	1.48	1.48	1.48	1.49	1.72	1.72	1.72	1.73	1.99	1.98	1.98	1.99	2.29	2.29	2.28	2.30	2.65	2.65	2.64	2.66
		Amps	6.0	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.6	7.6	7.6	7.6	8.5	8.5	8.5	8.5	9.4	9.4	9.4	9.5	10.5	10.5	10.5	10.6
		Hi PR	223	224	226	229	262	263	264	268	304	305	306	310	349	350	352	356	400	401	402	406	455	456	457	461
		Lo PR	134	138	145	157	138	142	149	161	140	144	152	163	142	146	153	164	142	146	153	165	144	148	155	166

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	770	MBh	25.1	25.5	26.2	27.4	24.7	25.0	25.8	26.9	23.8	24.2	24.9	26.0	22.5	22.8	23.6	24.7	21.0	21.3	22.0	23.1	19.6	19.9	20.6	21.7
		S/T	1.00	0.81	0.67	0.52	1.00	0.82	0.67	0.52	1.00	0.84	0.70	0.55	1.00	0.86	0.72	0.57	1.00	0.88	0.74	0.59	0.99	0.93	0.79	0.64
		ΔT	28	26	23	19	28	26	22	19	27	26	22	19	26	25	22	18	26	24	21	18	26	25	21	18
		kW	1.26	1.26	1.26	1.27	1.47	1.47	1.46	1.47	1.70	1.70	1.70	1.71	1.97	1.96	1.96	1.98	2.27	2.27	2.26	2.28	2.63	2.63	2.62	2.64
		Amps	6.0	6.0	5.9	6.0	6.7	6.7	6.7	6.7	7.5	7.5	7.5	7.6	8.4	8.4	8.4	8.4	9.3	9.3	9.3	9.4	10.5	10.5	10.4	10.5
		Hi PR	219	220	222	225	258	259	260	264	299	300	302	306	345	346	348	352	395	396	398	402	450	451	453	457
		Lo PR	130	134	141	152	134	138	145	156	136	140	148	159	138	142	149	160	138	142	149	161	140	144	151	162
	900	MBh	25.5	25.9	26.6	27.7	25.1	25.4	26.1	27.3	24.2	24.5	25.3	26.4	22.9	23.2	**24.0**	25.1	21.3	21.7	22.4	23.5	19.9	20.3	21.0	22.1
		S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.75	0.60	1.00	0.92	0.78	0.63	1.00	0.94	**0.80**	0.65	1.00	0.96	0.82	0.67	0.99	0.99	0.87	0.72
		ΔT	27	25	22	18	26	24	21	18	26	24	21	17	25	23	**20**	17	24	23	20	16	25	23	20	17
		kW	1.27	1.27	1.27	1.28	1.48	1.48	1.47	1.48	1.71	1.71	1.71	1.72	1.98	1.98	**1.97**	2.01	2.28	2.28	2.28	2.29	2.64	2.64	2.64	2.65
		Amps	6.0	6.0	6.0	6.1	6.8	6.8	6.7	6.8	7.6	7.6	7.6	7.6	8.4	8.4	**8.4**	8.5	9.4	9.4	9.4	9.4	10.5	10.5	10.5	10.5
		Hi PR	221	222	224	228	260	261	263	267	302	303	304	308	348	349	**350**	354	398	399	401	405	453	454	455	459
		Lo PR	132	136	143	155	136	140	147	159	139	143	150	161	140	144	**151**	162	140	144	152	163	142	146	153	164
	1040	MBh	26.0	26.3	27.1	28.2	25.5	25.9	26.6	27.8	24.7	25.0	25.7	26.9	23.3	23.7	24.4	25.5	21.8	22.1	22.9	24.0	20.4	20.7	21.5	22.6
		S/T	1.00	0.94	0.79	0.64	1.00	0.94	0.79	0.64	1.00	0.96	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.85	0.71	0.99	0.99	0.90	0.76
		ΔT	26	24	20	17	25	23	20	17	25	23	20	16	24	22	19	16	23	22	19	15	24	22	19	16
		kW	1.28	1.28	1.28	1.29	1.48	1.48	1.48	1.49	1.72	1.72	1.72	1.73	1.99	1.98	2.01	2.02	2.29	2.29	2.28	2.30	2.65	2.65	2.65	2.66
		Amps	6.1	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.6	7.6	7.6	7.6	8.5	8.5	8.5	8.5	9.4	9.4	9.4	9.5	10.5	10.5	10.5	10.6
		Hi PR	224	224	226	230	262	263	265	269	304	305	307	311	350	351	352	356	400	401	403	407	455	456	458	462
		Lo PR	135	139	146	158	139	143	150	162	141	145	152	164	142	146	153	165	143	147	154	165	144	148	155	167
85	770	MBh	25.5	25.9	26.6	27.8	25.1	25.4	26.2	27.3	24.2	24.6	25.3	26.4	22.9	23.3	24.0	25.1	21.4	21.7	22.4	23.5	20.0	20.3	21.0	22.1
		S/T	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63	1.00	1.00	0.81	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	0.99	0.99	0.89	0.74
		ΔT	32	30	26	23	31	29	26	22	31	29	26	22	30	28	25	22	29	27	24	21	29	28	25	22
		kW	1.26	1.26	1.26	1.27	1.47	1.47	1.47	1.48	1.71	1.70	1.70	1.71	1.97	1.97	1.97	1.98	2.27	2.27	2.27	2.28	2.63	2.63	2.63	2.64
		Amps	6.0	6.0	6.0	6.0	6.7	6.7	6.7	6.8	7.5	7.5	7.5	7.6	8.4	8.4	8.4	8.4	9.4	9.4	9.3	9.4	10.5	10.5	10.5	10.5
		Hi PR	220	221	223	226	259	260	261	265	301	301	303	307	346	347	349	353	397	398	399	403	451	452	454	458
		Lo PR	132	136	143	155	136	140	147	159	138	142	150	161	139	143	151	162	140	144	151	162	142	146	153	164
	900	MBh	25.9	26.3	27.0	28.2	25.5	25.8	26.6	27.7	24.6	25.0	25.7	26.8	23.3	23.6	24.4	25.5	21.7	22.1	22.8	23.9	20.3	20.7	21.4	22.5
		S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	0.99	0.99	0.97	0.82
		ΔT	30	29	25	22	30	28	25	21	29	28	24	21	29	27	24	20	28	26	23	20	28	27	23	20
		kW	1.27	1.27	1.27	1.28	1.48	1.48	1.48	1.49	1.72	1.71	1.71	1.72	1.98	1.98	2.02	2.03	2.28	2.28	2.28	2.29	2.64	2.64	2.64	2.65
		Amps	6.0	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.6	7.6	7.6	7.6	8.5	8.4	8.4	8.5	9.4	9.4	9.4	9.4	10.5	10.5	10.5	10.6
		Hi PR	222	223	225	229	261	262	264	268	303	304	305	309	349	350	351	355	399	400	402	406	454	455	456	461
		Lo PR	134	138	145	157	138	142	149	161	140	144	152	163	142	145	153	164	142	146	153	165	144	148	155	166
	1040	MBh	26.4	26.8	27.5	28.7	26.0	26.3	27.0	28.2	25.1	25.4	26.2	27.3	23.8	24.1	24.8	25.9	22.2	22.6	23.3	24.4	20.8	21.1	21.9	23.0
		S/T	1.00	1.00	0.90	0.75	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	0.96	0.81	0.99	0.99	0.99	0.86
		ΔT	29	27	24	20	29	27	24	20	28	27	23	20	28	26	23	19	27	25	22	19	27	26	22	19
		kW	1.28	1.28	1.28	1.29	1.49	1.49	1.48	1.50	1.72	1.72	1.72	1.73	1.99	1.99	2.03	2.04	2.29	2.29	2.29	2.30	2.65	2.65	2.65	2.66
		Amps	6.1	6.1	6.0	6.1	6.8	6.8	6.8	6.8	7.6	7.6	7.6	7.7	8.5	8.5	8.5	8.5	9.4	9.4	9.4	9.5	10.6	10.5	10.5	10.6
		Hi PR	225	225	227	231	263	264	266	270	305	306	308	312	351	352	354	358	401	402	404	408	456	457	459	463
		Lo PR	137	141	148	160	140	144	152	164	143	147	154	166	144	148	155	167	144	148	156	167	146	150	157	168

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.

IDB*	Airflow		Outdoor Ambient Temperature / Entering Indoor Wet Bulb Temperature																			
			65°F				75°F				85°F				95°F				105°F				115°F			
			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	1230	MBh	36.8	37.3	38.4		35.8	36.3	37.3		34.1	34.6	35.7		31.9	32.4	33.4		29.4	29.8	30.9		27.1	27.5	28.5	
		S/T	0.67	0.58	0.43		0.66	0.58	0.43		0.68	0.60	0.45		0.69	0.61	0.46		0.70	0.62	0.48		0.74	0.66	0.52	
		ΔT	19	17	14		18	17	14		18	16	13		17	16	13		16	15	12		17	15	13	
		kW	1.92	1.92	1.91		2.19	2.19	2.19		2.50	2.50	2.50		2.85	2.84	2.84		3.23	3.23	3.23		3.69	3.69	3.69	
		Amps	7.6	7.6	7.5		8.7	8.7	8.7		9.9	9.9	9.9		11.3	11.3	11.3		12.8	12.8	12.8		14.7	14.7	14.7	
		Hi PR	241	242	244		283	284	285		327	328	330		375	376	378		428	429	431		485	486	488	
		Lo PR	128	132	139		132	136	143		135	139	146		136	140	147		137	140	147		138	142	149	
	1450	MBh	37.4	37.9	39.0		36.3	36.8	37.9		34.7	35.2	36.2		32.4	32.9	33.9		29.9	30.4	31.4		27.6	28.1	29.1	
		S/T	0.75	0.67	0.51		0.75	0.66	0.51		0.76	0.68	0.53		0.77	0.69	0.54		0.78	0.70	0.56		0.82	0.74	0.60	
		ΔT	18	16	13		17	15	12		17	15	12		16	14	12		15	14	11		16	14	11	
		kW	1.93	1.93	1.93		2.21	2.21	2.20		2.52	2.52	2.51		2.86	2.86	2.86		3.25	3.25	3.24		3.71	3.71	3.70	
		Amps	7.6	7.6	7.6		8.7	8.7	8.7		10.0	10.0	10.0		11.4	11.4	11.3		12.9	12.9	12.9		14.8	14.7	14.7	
		Hi PR	244	245	246		285	286	288		329	330	332		378	379	381		431	432	433		488	489	491	
		Lo PR	130	134	142		134	138	145		137	141	148		138	142	149		139	142	150		140	144	151	
	1670	MBh	38.1	38.6	39.7		37.0	37.5	38.6		35.4	35.9	36.9		33.1	33.6	34.6		30.5	31.0	32.0		28.2	28.7	29.7	
		S/T	0.80	0.71	0.56		0.79	0.70	0.55		0.80	0.72	0.57		0.81	0.73	0.58		0.82	0.74	0.60		0.86	0.78	0.64	
		ΔT	17	15	12		16	14	11		16	14	11		15	14	11		14	13	10		15	13	11	
		kW	1.95	1.95	1.94		2.22	2.22	2.21		2.53	2.53	2.53		2.87	2.87	2.87		3.26	3.26	3.26		3.72	3.72	3.72	
		Amps	7.7	7.7	7.7		8.8	8.8	8.8		10.0	10.0	10.0		11.4	11.4	11.4		13.0	13.0	12.9		14.8	14.8	14.8	
		Hi PR	246	247	249		288	289	290		332	333	335		380	381	383		433	434	436		490	491	493	
		Lo PR	133	137	144		137	141	148		139	143	150		140	144	151		141	145	152		142	146	153	
75	1230	MBh	36.8	37.3	38.4	40.1	35.8	36.3	37.4	39.0	34.1	34.6	35.7	37.3	31.9	32.4	33.4	35.0	29.4	29.9	30.9	32.4	27.1	27.6	28.6	30.1
		S/T	0.81	0.73	0.57	0.41	0.81	0.72	0.57	0.41	1.02	0.74	0.59	0.43	1.00	0.75	0.60	0.45	0.98	0.76	0.61	0.46	0.96	0.80	0.66	0.51
		ΔT	23	21	18	14	22	20	17	14	22	20	17	14	21	19	16	13	20	18	15	12	20	19	16	13
		kW	1.92	1.92	1.91	1.93	2.19	2.19	2.19	2.20	2.50	2.50	2.50	2.51	2.84	2.84	2.84	2.86	3.23	3.23	3.23	3.25	3.69	3.69	3.69	3.71
		Amps	7.6	7.6	7.5	7.6	8.7	8.7	8.7	8.7	9.9	9.9	9.9	10.0	11.3	11.3	11.3	11.3	12.8	12.8	12.8	12.9	14.7	14.7	14.7	14.7
		Hi PR	241	243	244	248	283	284	286	290	327	328	330	334	375	376	378	383	428	429	431	435	485	486	488	493
		Lo PR	128	132	139	151	132	136	143	155	135	139	146	157	136	140	147	158	137	140	147	158	138	142	149	160
	1450	MBh	37.4	37.9	39.0	40.7	36.3	36.8	37.9	39.6	34.7	35.2	36.3	37.9	32.4	**32.9**	34.0	35.6	29.9	30.4	31.4	33.0	27.6	28.1	29.1	30.6
		S/T	0.90	0.81	0.66	0.50	1.03	0.81	0.66	0.50	1.02	0.82	0.67	0.52	1.00	**0.83**	0.68	0.53	0.98	0.84	0.69	0.54	0.96	0.87	0.73	0.59
		ΔT	22	20	17	13	21	19	16	13	20	19	16	13	20	**18**	15	12	19	17	14	11	19	17	15	12
		kW	1.93	1.93	1.93	1.95	2.21	2.21	2.20	2.22	2.52	2.52	2.51	2.53	2.86	**2.86**	2.85	2.87	3.25	3.25	3.24	3.26	3.71	3.71	3.70	3.72
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	10.0	10.0	10.0	10.0	11.4	**11.3**	11.3	11.4	12.9	12.9	12.9	13.0	14.7	14.7	14.7	14.8
		Hi PR	244	245	247	251	285	286	288	292	330	331	332	337	378	**379**	381	385	431	432	434	438	488	489	491	495
		Lo PR	130	134	142	153	134	138	146	157	137	141	148	159	138	**142**	149	160	139	142	150	161	140	144	151	162
	1670	MBh	38.1	38.6	39.7	41.4	37.0	37.5	38.6	40.3	35.4	35.9	36.9	38.6	33.1	33.6	34.6	36.2	30.6	31.0	32.1	33.6	28.3	28.7	29.7	31.2
		S/T	0.94	0.86	0.70	0.54	1.03	0.85	0.70	0.54	1.02	0.86	0.71	0.56	1.00	0.87	0.72	0.57	0.98	0.88	0.73	0.58	0.96	0.91	0.77	0.62
		ΔT	20	19	16	12	20	18	15	12	19	18	15	12	19	17	14	11	18	16	13	10	18	17	14	11
		kW	1.95	1.94	1.94	1.96	2.22	2.22	2.21	2.23	2.53	2.53	2.52	2.54	2.87	2.87	2.87	2.89	3.26	3.26	3.26	3.27	3.72	3.72	3.72	3.74
		Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.5	13.0	12.9	12.9	13.0	14.8	14.8	14.8	14.9
		Hi PR	246	247	249	253	288	289	291	295	332	333	335	339	380	381	383	388	433	434	436	441	491	492	493	498
		Lo PR	133	137	144	156	137	141	148	160	139	143	150	162	140	144	151	163	141	145	152	163	142	146	153	164

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	1230	MBh	37.0	37.5	38.6	40.3	36.0	36.5	37.6	39.2	34.3	34.8	35.9	37.5	32.1	32.6	33.6	35.2	29.6	30.0	31.1	32.6	27.3	27.7	28.7	30.3
		S/T	1.00	0.87	0.72	0.55	1.00	0.86	0.71	0.55	1.00	0.87	0.73	0.57	1.00	0.88	0.73	0.58	0.98	0.89	0.75	0.59	0.96	0.93	0.79	0.64
		ΔT	27	25	22	18	26	24	21	18	25	24	21	17	24	23	20	17	23	22	19	16	23	22	19	16
		kW	1.92	1.92	1.91	1.93	2.19	2.19	2.19	2.21	2.50	2.50	2.50	2.52	2.85	2.84	2.84	2.86	3.23	3.23	3.23	3.25	3.69	3.69	3.69	3.71
		Amps	7.6	7.6	7.5	7.6	8.7	8.7	8.7	8.7	9.9	9.9	9.9	10.0	11.3	11.3	11.3	11.3	12.8	12.8	12.8	12.9	14.7	14.7	14.7	14.7
		Hi PR	242	243	245	249	283	284	286	290	328	329	330	335	376	377	379	383	429	430	431	436	486	487	489	493
		Lo PR	129	133	140	151	133	137	144	155	135	139	146	158	136	140	147	159	137	141	148	159	139	143	150	160
	1450	MBh	37.6	38.1	39.2	40.9	36.5	37.0	38.1	39.8	34.9	35.4	36.4	38.1	32.6	33.1	**34.2**	35.7	30.1	30.6	31.6	33.1	27.8	28.3	29.2	30.8
		S/T	1.00	0.95	0.80	0.64	1.03	0.95	0.79	0.64	1.02	0.96	0.81	0.65	1.00	0.96	**0.82**	0.66	0.98	0.97	0.83	0.67	0.96	0.96	0.86	0.72
		ΔT	25	24	20	17	25	23	20	16	24	22	19	16	23	21	**18**	15	22	21	18	15	22	21	18	15
		kW	1.93	1.93	1.93	1.95	2.21	2.21	2.20	2.22	2.52	2.52	2.51	2.53	2.85	2.85	**2.85**	2.87	3.25	3.25	3.24	3.26	3.71	3.71	3.70	3.72
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	10.0	10.0	10.0	10.0	11.4	11.3	**11.3**	11.4	12.9	12.9	12.9	13.0	14.8	14.7	14.7	14.8
		Hi PR	244	245	247	251	286	287	289	293	330	331	333	337	378	379	**381**	386	431	432	434	439	488	490	491	496
		Lo PR	131	135	142	154	135	139	146	158	137	141	149	160	138	142	**150**	161	139	143	150	161	141	145	152	163
	1670	MBh	38.3	38.8	39.9	41.6	37.2	37.7	38.8	40.5	35.6	36.1	37.1	38.7	33.3	33.8	34.8	36.4	30.7	31.2	32.2	33.8	28.4	28.9	29.9	31.4
		S/T	1.00	1.00	0.84	0.68	1.00	0.99	0.84	0.68	1.02	1.00	0.85	0.69	1.00	1.00	0.86	0.70	0.98	0.98	0.87	0.71	0.96	0.96	0.90	0.75
		ΔT	24	23	19	16	24	22	19	15	23	21	18	15	22	20	18	14	21	20	17	14	21	20	17	14
		kW	1.95	1.94	1.94	1.96	2.22	2.22	2.21	2.23	2.53	2.53	2.53	2.54	2.87	2.87	2.87	2.89	3.26	3.26	3.26	3.28	3.72	3.72	3.72	3.74
		Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.5	13.0	13.0	12.9	13.0	14.8	14.8	14.8	14.9
		Hi PR	247	248	250	254	288	289	291	295	332	334	335	340	381	382	384	388	434	435	437	441	491	492	494	498
		Lo PR	134	138	145	156	137	141	149	160	140	144	151	163	141	145	152	163	141	145	152	164	143	147	154	165
85	1230	MBh	37.6	38.1	39.2	40.9	36.6	37.1	38.2	39.8	34.9	35.4	36.5	38.1	32.7	33.2	34.2	35.8	30.1	30.6	31.6	33.2	27.8	28.3	29.3	30.8
		S/T	1.00	0.98	0.83	0.67	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.68	1.00	1.00	0.84	0.69	0.98	0.98	0.85	0.70	0.96	0.96	0.89	0.74
		ΔT	30	28	25	22	29	27	24	21	28	27	24	21	27	26	23	20	26	25	22	19	26	25	22	19
		kW	1.92	1.92	1.92	1.94	2.20	2.20	2.19	2.21	2.51	2.51	2.50	2.52	2.85	2.85	2.84	2.86	3.24	3.24	3.23	3.25	3.70	3.70	3.69	3.71
		Amps	7.6	7.6	7.6	7.6	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.3	11.3	11.3	11.4	12.9	12.9	12.8	12.9	14.7	14.7	14.7	14.8
		Hi PR	243	244	246	250	284	286	287	292	329	330	331	336	377	378	380	384	430	431	433	437	487	488	490	494
		Lo PR	131	135	142	153	135	138	146	157	137	141	148	160	138	142	149	160	139	143	150	161	140	144	151	162
	1450	MBh	38.2	38.7	39.8	41.5	37.1	37.6	38.7	40.4	35.5	36.0	37.0	38.7	33.2	33.7	34.7	36.3	30.7	31.1	32.2	33.7	28.3	28.8	29.8	31.3
		S/T	1.00	1.05	0.92	0.75	1.00	1.03	0.91	0.75	1.02	1.02	0.92	0.76	1.00	1.00	0.92	0.77	0.98	0.98	0.93	0.78	0.96	0.96	0.96	0.82
		ΔT	29	27	24	20	28	26	23	20	27	26	23	19	26	25	22	19	25	24	21	18	25	24	21	18
		kW	1.94	1.94	1.93	1.95	2.21	2.21	2.21	2.23	2.52	2.52	2.52	2.54	2.87	2.86	2.86	2.88	3.26	3.25	3.25	3.27	3.72	3.71	3.71	3.73
		Amps	7.7	7.6	7.6	7.7	8.8	8.8	8.7	8.8	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.4	12.9	12.9	12.9	13.0	14.8	14.8	14.7	14.8
		Hi PR	246	247	248	252	287	288	290	294	331	332	334	338	380	381	382	387	432	434	435	440	490	491	493	497
		Lo PR	133	137	144	156	137	141	148	160	139	143	150	162	140	144	151	163	141	145	152	163	142	146	153	164
	1670	MBh	38.9	39.4	40.5	42.2	37.8	38.3	39.4	41.1	36.2	36.7	37.7	39.3	33.9	34.4	35.4	37.0	31.3	31.8	32.8	34.4	29.0	29.5	30.5	32.0
		S/T	1.00	1.05	0.96	0.80	1.00	1.00	0.95	0.79	1.00	1.00	0.96	0.80	1.00	1.00	0.97	0.81	0.98	0.98	0.97	0.82	0.96	0.96	0.96	0.86
		ΔT	28	26	23	19	27	25	22	19	26	25	22	18	25	24	21	18	24	23	20	17	24	23	20	17
		kW	1.95	1.95	1.95	1.96	2.23	2.22	2.22	2.24	2.54	2.53	2.53	2.55	2.88	2.88	2.87	2.89	3.27	3.27	3.26	3.28	3.73	3.73	3.72	3.74
		Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.1	10.1	10.0	10.1	11.4	11.4	11.4	11.5	13.0	13.0	13.0	13.0	14.8	14.8	14.8	14.9
		Hi PR	248	249	251	255	289	290	292	296	334	335	336	341	382	383	385	389	435	436	438	442	492	493	495	500
		Lo PR	136	140	147	159	139	143	151	162	142	146	153	164	143	147	154	165	143	147	154	166	145	148	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	1170	MBh	37.2	41.8	47.1		45.2	45.8	47.2		44.5	45.2	46.5		42.9	43.6	45.0		42.4	43.1	43.3		39.6	40.3	41.6	
		S/T	0.65	0.55	0.39		0.60	0.53	0.39		0.61	0.54	0.40		0.61	0.54	0.41		0.61	0.54	0.42		0.63	0.57	0.45	
		ΔT	20	19	16		21	19	16		21	19	16		21	19	15		20	18	15		21	19	15	
		kW	1.92	2.21	2.71		3.07	3.07	3.07		3.48	3.47	3.47		3.92	3.92	3.91		4.41	4.41	4.41		4.45	4.44	4.44	
		Amps	8.0	9.1	10.4		11.9	11.9	11.9		13.6	13.5	13.5		16.1	16.0	16.0		17.6	17.6	17.3		18.6	18.6	18.6	
		Hi PR	249	255	273		316	317	319		364	365	367		417	418	420		475	476	478		509	510	512	
		Lo PR	124	125	128		121	125	131		123	127	133		124	128	134		125	128	134		128	131	138	
	1380	MBh	40.8	44.5	47.8		45.9	46.5	47.9		45.2	45.9	47.3		43.6	44.3	45.7		43.2	43.8	44.0		40.4	41.0	42.4	
		S/T	0.72	0.63	0.47		0.68	0.60	0.46		0.68	0.61	0.48		0.68	0.61	0.48		0.68	0.61	0.49		0.70	0.63	0.51	
		ΔT	19	18	14		20	18	14		20	18	14		19	17	14		19	17	13		19	17	14	
		kW	2.14	2.39	2.73		3.10	3.09	3.09		3.50	3.50	3.49		3.94	3.94	3.93		4.44	4.43	4.43		4.47	4.46	4.46	
		Amps	8.9	9.7	10.5		12.0	12.0	11.9		13.6	13.6	13.6		17.4	17.4	17.4		19.0	18.9	18.7		18.6	18.6	18.6	
		Hi PR	255	260	276		319	320	322		367	368	370		420	421	423		477	479	481		512	513	515	
		Lo PR	124	126	130		123	127	134		125	129	136		126	130	136		126	130	136		130	133	140	
	1590	MBh	44.7	47.3	48.6		46.8	47.4	48.8		46.1	46.8	48.1		44.5	45.2	46.6		44.1	44.8	44.9		41.3	42.0	43.3	
		S/T	0.75	0.65	0.51		0.72	0.64	0.50		0.72	0.65	0.51		0.72	0.65	0.52		0.72	0.65	0.52		0.73	0.67	0.55	
		ΔT	19	17	13		19	17	13		19	17	13		18	16	13		18	16	12		18	16	13	
		kW	2.41	2.75	2.75		3.11	3.11	3.10		3.52	3.51	3.51		3.96	3.96	3.95		4.45	4.45	4.45		4.48	4.48	4.48	
		Amps	9.8	10.6	10.5		12.1	12.0	12.0		13.7	13.7	13.7		17.5	17.5	17.5		19.0	19.0	18.7		18.7	18.7	18.6	
		Hi PR	261	277	279		321	322	324		370	371	373		423	424	426		480	481	483		515	516	518	
		Lo PR	124	126	133		126	129	136		127	131	138		128	132	138		128	132	138		132	135	142	
75	1170	MBh	43.2	41.9	47.1	49.2	45.2	45.9	47.2	49.3	44.5	45.2	46.6	48.7	42.9	43.6	45.0	47.1	42.4	43.1	43.3	46.7	39.6	40.3	41.6	43.7
		S/T	0.77	0.69	0.53	0.38	0.73	0.66	0.52	0.37	0.74	0.66	0.53	0.39	0.73	0.66	0.53	0.40	0.73	0.66	0.54	0.40	0.75	0.75	0.04	0.50
		ΔT	26	23	20	16	26	24	20	16	25	23	20	16	25	23	19	16	24	22	19	15	24	23	19	16
		kW	2.37	2.21	2.70	2.73	3.07	3.07	3.06	3.09	3.48	3.47	3.47	3.49	3.92	3.91	3.91	3.93	4.41	4.41	4.40	4.43	4.44	4.44	4.44	4.46
		Amps	9.7	9.1	10.4	10.5	11.9	11.9	11.8	12.0	13.5	13.5	13.5	13.6	16.0	16.0	16.0	17.4	17.6	17.5	17.3	18.9	18.5	18.6	18.5	18.7
		Hi PR	257	255	273	278	316	317	319	324	364	366	368	372	417	418	420	425	475	476	478	483	509	511	512	517
		Lo PR	120	125	128	139	121	125	131	142	123	127	134	144	124	128	134	144	125	128	134	144	128	131	138	148
	1380	MBh	40.8	44.5	47.8	49.9	45.9	46.6	47.9	50.0	45.2	45.9	47.3	49.4	43.6	**44.3**	45.7	47.8	43.2	43.9	44.0	47.4	40.4	41.0	42.4	44.5
		S/T	0.86	0.76	0.61	0.46	0.81	0.73	0.59	0.45	0.81	0.74	0.60	0.46	0.81	**0.73**	0.60	0.47	0.80	0.73	0.61	0.47	0.81	0.79	0.70	0.57
		ΔT	24	22	19	15	24	22	18	15	24	22	18	15	23	**21**	18	14	23	21	17	14	23	21	18	15
		kW	2.14	2.39	2.73	2.75	3.09	3.09	3.08	3.11	3.50	3.49	3.49	3.51	3.94	**3.94**	3.93	3.96	4.43	4.43	4.43	4.45	4.46	4.46	4.46	4.48
		Amps	8.9	9.7	10.5	10.6	12.0	12.0	11.9	12.0	13.6	13.6	13.6	13.7	17.4	**17.4**	17.4	17.5	18.9	18.9	18.6	19.0	18.6	18.6	18.5	18.7
		Hi PR	256	260	276	281	319	320	322	327	367	368	370	375	420	**421**	423	428	478	479	481	486	512	513	515	520
		Lo PR	124	126	130	141	123	127	134	144	125	129	136	146	126	**130**	136	146	126	130	136	146	130	133	140	150
	1590	MBh	44.7	47.3	48.7	50.7	46.8	47.5	48.8	50.9	46.1	46.8	48.2	50.3	44.6	45.2	46.6	48.7	44.1	44.8	45.0	48.4	41.3	42.0	43.3	45.4
		S/T	0.89	0.78	0.64	0.50	0.85	0.77	0.63	0.49	0.85	0.77	0.64	0.50	0.84	0.77	0.64	0.50	0.84	0.77	0.64	0.51	0.85	0.85	0.81	0.53
		ΔT	23	21	18	14	23	21	17	14	23	21	17	14	22	20	17	13	22	20	16	13	22	20	17	13
		kW	2.40	2.75	2.74	2.77	3.11	3.11	3.10	3.13	3.51	3.51	3.51	3.53	3.96	3.95	3.95	3.97	4.45	4.45	4.44	4.47	4.48	4.48	4.47	4.50
		Amps	9.8	10.6	10.5	10.6	12.0	12.0	12.0	12.1	13.7	13.7	13.7	13.8	17.5	17.7	17.5	17.6	19.0	19.0	18.7	19.1	18.7	18.6	18.6	18.7
		Hi PR	262	277	279	284	321	323	325	329	370	371	373	378	423	424	426	431	480	482	484	489	515	516	518	523
		Lo PR	125	126	133	143	126	129	136	147	128	131	138	148	128	132	138	149	128	132	139	149	132	135	142	152

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		MBh	38.3	44.1	47.3	49.4	45.5	46.1	47.5	49.6	44.8	45.4	46.8	48.9	43.2	43.8	45.2	47.4	42.7	43.3	43.6	46.9	39.9	40.5	41.9	44.0
		S/T	1.09	0.82	0.66	0.51	0.86	0.78	0.65	0.50	1.03	0.78	0.65	0.51	1.00	0.78	0.65	0.52	0.97	0.78	0.65	0.52	0.91	0.79	0.67	0.54
		ΔT	29	28	25	21	30	28	24	20	30	28	24	20	29	27	23	20	28	26	23	19	28	27	23	20
	1170	kW	1.98	2.37	2.71	2.73	3.07	3.07	3.07	3.09	3.48	3.47	3.47	3.49	3.92	3.92	3.91	3.94	4.05	4.04	4.28	4.06	4.24	4.23	4.65	4.25
		Amps	8.2	9.7	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.5	13.5	13.6	16.1	16.0	16.0	16.1	17.6	17.6	17.3	17.6	18.6	18.6	18.6	18.7
		Hi PR	251	258	274	279	316	318	320	324	365	366	368	373	418	419	421	426	475	476	478	483	510	511	513	518
		Lo PR	124	124	129	139	122	125	132	142	124	127	134	144	125	128	135	145	125	129	135	145	128	132	138	148
		MBh	42.1	44.7	48.0	50.1	46.2	46.8	48.2	50.3	45.5	46.1	47.5	49.6	43.9	44.6	**46.0**	48.1	43.4	44.1	44.3	47.7	40.6	41.3	42.6	44.7
		S/T	1.09	0.90	0.74	0.59	1.06	0.86	0.72	0.58	1.03	0.86	0.73	0.59	1.00	0.85	**0.72**	0.59	0.97	0.85	0.72	0.59	0.91	0.86	0.74	0.61
		ΔT	28	27	23	19	28	26	23	19	28	26	23	19	27	26	**22**	18	27	25	21	18	27	25	22	19
	1380	kW	2.23	2.39	2.73	2.75	3.10	3.09	3.09	3.11	3.50	3.50	3.49	3.52	3.94	3.94	**3.93**	3.96	4.07	4.06	4.30	4.09	4.25	4.25	4.67	4.27
		Amps	9.2	9.7	10.5	10.6	12.0	12.0	11.9	12.1	13.6	13.6	13.6	13.7	16.1	16.0	**16.0**	16.1	17.6	17.6	17.3	17.6	18.6	18.6	18.6	18.7
		Hi PR	257	261	277	281	319	320	322	327	368	369	371	376	421	422	**424**	429	478	479	481	486	513	514	516	520
		Lo PR	124	126	131	141	124	127	134	145	126	129	136	146	127	130	**137**	147	127	130	137	147	130	134	140	150
		MBh	42.9	45.6	48.9	51.0	47.0	47.7	49.1	51.1	46.4	47.0	48.4	50.5	44.8	45.5	46.9	49.0	44.4	45.1	45.2	48.6	41.6	42.2	43.6	45.7
		S/T	1.09	0.94	0.77	0.63	1.06	0.90	0.76	0.62	1.03	0.90	0.76	0.62	1.00	0.89	0.76	0.62	0.97	0.88	0.76	0.63	0.91	0.89	0.77	0.64
		ΔT	27	25	22	18	27	25	22	18	27	25	22	18	26	24	21	17	26	24	20	17	26	24	21	17
	1590	kW	2.25	2.40	2.74	2.77	3.11	3.11	3.10	3.13	3.52	3.51	3.51	3.53	3.96	3.96	3.95	3.98	4.08	4.45	4.45	4.47	4.27	4.48	4.47	4.50
		Amps	9.2	9.8	10.5	10.6	12.1	12.0	12.0	12.1	13.7	13.7	13.7	13.8	17.5	17.5	17.5	17.6	19.0	19.0	18.7	19.1	18.7	18.6	18.6	18.7
		Hi PR	260	263	279	284	322	323	325	330	370	372	374	378	423	425	426	431	481	482	484	489	515	516	518	523
		Lo PR	127	129	133	144	126	130	136	147	128	132	138	149	129	132	139	149	129	132	139	149	132	136	142	153
85		MBh	42.2	44.8	48.1	50.2	46.2	46.9	48.2	50.3	45.5	46.2	47.6	49.7	44.0	44.6	46.0	48.1	43.5	44.1	44.3	47.7	40.6	41.2	42.6	44.7
		S/T	1.09	0.93	0.76	0.61	1.06	0.88	0.75	0.60	1.03	0.88	0.75	0.61	1.00	0.88	0.75	0.61	0.97	0.87	0.75	0.61	0.91	0.91	0.86	0.73
		ΔT	33	32	29	25	34	32	28	24	33	31	28	24	33	31	27	24	32	30	27	23	32	30	27	23
	1170	kW	2.22	2.37	2.71	2.74	3.08	3.08	3.07	3.10	3.48	3.48	3.48	3.50	3.92	3.92	3.92	3.94	4.42	4.42	4.41	4.44	4.45	4.45	4.44	4.47
		Amps	9.1	9.7	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.5	13.7	16.1	16.1	16.0	16.2	17.6	17.6	17.3	17.7	18.6	18.6	18.6	18.7
		Hi PR	256	259	275	280	318	319	321	326	366	367	369	374	419	420	422	427	477	478	480	485	511	512	514	519
		Lo PR	124	126	131	141	124	127	134	144	126	129	136	146	126	130	136	147	127	130	137	147	130	133	140	150
		MBh	44.9	47.4	48.8	50.9	46.9	47.6	48.9	51.0	46.3	46.9	48.3	50.4	44.7	45.3	46.7	48.9	44.2	44.9	45.1	48.5	41.3	42.0	43.4	45.5
		S/T	1.00	0.98	0.84	0.69	1.00	0.96	0.82	0.68	1.00	0.96	0.83	0.69	1.00	0.95	0.82	0.68	0.97	0.94	0.82	0.68	0.91	0.91	0.83	0.70
		ΔT	32	31	27	23	32	30	27	23	32	30	26	23	31	29	26	22	30	29	25	22	31	29	26	22
	1380	kW	2.39	2.74	2.73	2.76	3.10	3.10	3.09	3.12	3.51	3.50	3.50	3.52	3.95	3.94	3.94	3.96	4.44	4.44	4.43	4.46	4.47	4.47	4.46	4.49
		Amps	9.8	10.5	10.5	10.6	12.0	12.0	12.0	12.1	13.7	13.7	13.6	13.7	17.5	17.4	17.4	17.5	19.0	19.0	18.7	19.1	18.6	18.6	18.6	18.7
		Hi PR	261	276	278	283	321	322	324	328	369	370	372	377	422	423	425	430	479	481	483	488	514	515	517	522
		Lo PR	124	126	133	143	126	129	136	147	127	131	138	148	128	132	138	149	128	132	138	149	132	135	142	152
		MBh	45.7	48.3	49.7	51.7	47.8	48.5	49.8	51.9	47.2	47.8	49.2	51.3	45.6	46.2	47.6	49.8	45.2	45.8	46.0	49.4	42.3	42.9	44.3	46.4
		S/T	1.00	1.02	0.88	0.73	1.00	1.00	0.86	0.72	1.00	1.00	0.86	0.72	1.00	0.99	0.86	0.72	0.97	0.97	0.85	0.72	0.91	0.91	0.86	0.73
		ΔT	31	30	26	22	31	29	25	22	31	29	25	22	30	28	25	21	29	27	24	20	30	28	24	21
	1590	kW	2.41	2.76	2.75	2.78	3.12	3.12	3.11	3.14	3.52	3.52	3.51	3.54	3.96	3.96	3.96	3.98	4.46	4.46	4.45	4.48	4.49	4.49	4.48	4.51
		Amps	9.8	10.6	10.6	10.7	12.1	12.1	12.0	12.1	13.7	13.7	13.7	13.8	17.5	17.5	17.5	17.6	19.1	19.1	18.8	19.1	18.7	18.7	18.7	18.8
		Hi PR	263	279	281	285	323	324	326	331	372	373	375	380	425	426	428	433	482	483	485	490	517	518	520	524
		Lo PR	127	128	135	146	128	131	138	149	130	133	140	151	130	134	141	151	130	134	141	151	134	137	144	154

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	39.1	44.1	53.2		49.3	51.8	53.4		50.3	51.0	52.6		48.5	49.2	52.8		45.8	46.6	48.3		38.8	39.4	39.0	
		S/T	0.64	0.54	0.37		0.60	0.50	0.37		0.60	0.52	0.39		0.61	0.54	0.41		0.63	0.56	0.43		0.70	0.62	0.50	
		ΔT	20	19	16		21	19	16		21	19	16		20	19	15		20	18	15		21	19	15	
		kW	2.15	2.49	3.70		3.36	4.16	4.15		4.66	4.65	4.64		5.18	5.18	5.21		5.73	5.72	5.73		5.58	5.57	5.16	
		Amps	8.3	9.5	13.6		12.7	15.5	15.4		17.6	17.6	17.6		19.9	19.9	19.9		22.6	22.6	22.5		22.1	22.1	20.5	
		Hi PR	254	261	276		310	319	321		365	366	368		417	418	420		473	474	476		527	529	525	
		Lo PR	119	120	120		119	119	126		121	124	130		124	128	134		128	131	138		134	138	146	
	1640	MBh	42.9	47.2	54.0		52.3	52.6	54.2		51.1	51.9	53.4		49.3	50.1	53.6		46.2	47.6	49.1		37.7	38.4	39.7	
		S/T	0.71	0.88	0.44		0.67	0.58	0.44		0.67	0.60	0.47		0.68	0.61	0.48		0.70	0.63	0.50		0.78	0.71	0.57	
		ΔT	19	26	14		20	18	14		20	18	14		19	17	14		19	17	13		19	17	14	
		kW	2.42	2.69	3.73		3.65	4.19	4.18		4.69	4.68	4.67		5.21	5.21	5.24		5.70	5.77	5.76		4.54	4.54	4.53	
		Amps	9.2	10.2	13.7		13.6	15.6	15.6		17.7	17.7	17.7		20.1	20.1	20.0		22.7	22.7	22.6		20.7	20.6	20.6	
		Hi PR	261	267	278		317	322	324		368	369	371		420	421	423		476	477	479		525	526	528	
		Lo PR	119	122	122		120	121	128		122	126	132		126	130	136		129	133	140		137	141	148	
	1890	MBh	47.4	53.9	55.0		52.9	53.6	55.2		52.1	52.9	54.4		50.3	51.1	54.7		46.3	47.2	48.7		38.6	39.3	37.9	
		S/T	1.00	0.63	0.48		0.68	0.61	0.48		0.70	0.63	0.50		0.72	0.65	0.52		0.74	0.66	0.54		0.82	0.74	0.88	
		ΔT	27	17	13		19	17	13		18	17	13		18	16	13		17	16	12		18	16	20	
		kW	2.71	3.28	3.76		4.22	4.21	4.20		4.71	4.71	4.70		5.24	5.23	5.27		5.61	5.63	5.63		4.56	4.56	4.02	
		Amps	10.2	12.1	13.8		15.7	15.7	15.7		17.8	17.8	17.8		20.2	20.2	20.1		22.8	22.8	22.8		20.7	20.7	18.3	
		Hi PR	268	276	281		323	324	326		371	372	374		423	424	426		479	480	482		527	528	522	
		Lo PR	120	120	124		120	124	130		125	128	135		128	132	138		131	135	142		140	143	154	
75	1390	MBh	39.1	44.1	53.2	55.6	49.3	51.9	53.4	55.8	50.3	51.1	52.6	55.0	48.5	49.3	52.9	53.3	45.8	46.4	48.0	50.4	38.8	39.5	39.0	39.1
		S/T	0.78	0.68	0.49	0.35	0.73	0.63	0.50	0.36	0.72	0.65	0.52	0.38	0.73	0.66	0.53	0.40	0.75	0.68	0.55	0.41	0.99	0.75	0.62	0.72
		ΔT	24	23	20	16	25	23	20	16	25	23	20	16	25	23	19	16	24	22	19	15	24	23	19	23
		kW	2.15	2.49	3.70	3.73	3.36	4.15	4.14	4.18	4.65	4.65	4.64	4.68	5.18	5.18	5.21	5.20	5.73	5.70	5.69	5.73	4.88	4.88	4.51	4.02
		Amps	8.3	9.5	13.5	13.7	12.6	15.5	15.4	15.6	17.6	17.6	17.6	17.7	19.9	19.9	19.9	20.0	22.6	22.5	22.5	22.7	22.1	22.1	20.5	18.3
		Hi PR	254	261	276	281	311	319	321	326	365	367	369	373	417	418	420	425	473	475	477	481	528	529	525	523
		Lo PR	119	120	120	130	119	119	126	136	121	124	131	141	124	128	134	144	128	131	138	148	134	138	146	162
	1640	MBh	42.9	48.0	54.0	56.4	52.4	52.7	54.2	56.6	51.1	51.9	53.5	55.8	49.3	**50.1**	53.7	54.1	46.5	47.2	48.8	51.2	37.8	38.4	39.7	39.7
		S/T	0.84	0.98	0.57	0.43	0.80	0.70	0.57	0.43	0.79	0.72	0.59	0.45	0.81	**0.73**	0.60	0.47	0.82	0.75	0.62	0.49	0.99	0.83	0.70	0.80
		ΔT	23	30	19	15	24	22	18	15	24	22	18	15	23	**21**	18	14	23	21	17	14	23	21	18	21
		kW	2.41	2.70	3.73	3.76	3.65	4.18	4.18	4.21	4.68	4.68	4.67	4.71	5.21	**5.21**	5.24	5.23	5.73	5.73	5.72	5.75	4.54	4.54	4.53	4.04
		Amps	9.2	10.2	13.7	13.8	13.6	15.6	15.5	15.7	17.7	17.7	17.7	17.8	20.1	**20.0**	20.0	20.2	22.7	22.7	22.6	22.8	20.6	20.6	20.6	18.4
		Hi PR	261	268	279	283	317	322	324	329	368	369	371	376	420	**421**	423	428	476	477	479	484	525	526	528	526
		Lo PR	120	123	122	132	120	121	128	138	123	126	132	143	126	**130**	136	146	129	133	140	150	137	141	148	164
	1890	MBh	48.2	53.9	55.0	57.4	52.9	53.7	55.2	57.6	52.2	52.9	54.5	56.8	50.4	51.1	54.7	55.1	47.8	48.5	50.1	52.6	38.7	39.3	38.7	40.6
		S/T	1.00	0.76	0.60	0.46	0.81	0.74	0.61	0.47	0.83	0.76	0.63	0.49	0.84	0.77	0.64	0.50	0.86	0.79	0.66	0.52	0.99	0.87	0.98	0.84
		ΔT	30	21	18	14	23	21	17	13	23	21	17	14	22	20	17	13	21	20	16	13	22	20	24	20
		kW	2.72	3.28	3.75	3.79	4.21	4.21	4.20	4.24	4.71	4.70	4.70	4.73	5.23	5.23	5.26	5.26	5.79	5.78	5.78	5.82	4.56	4.55	4.03	4.05
		Amps	10.3	12.1	13.8	13.9	15.7	15.7	15.6	15.8	17.8	17.8	17.8	17.9	20.2	20.1	20.1	20.3	22.8	22.8	22.7	22.9	20.7	20.7	18.4	18.5
		Hi PR	269	276	281	286	323	325	326	331	371	372	374	379	423	424	426	431	479	480	482	487	528	529	524	528
		Lo PR	122	120	124	134	120	124	130	140	125	128	135	145	128	132	138	149	132	135	142	152	140	143	155	166

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	40.3	48.2	53.5	55.8	49.5	52.1	53.7	56.0	50.6	51.3	52.9	55.3	48.8	49.5	53.1	53.5	46.1	46.9	48.6	51.2	41.9	43.2	44.7	47.1
		S/T	0.91	0.98	0.61	0.48	0.86	0.75	0.62	0.48	0.84	0.77	0.64	0.50	1.00	0.78	0.65	0.52	0.99	0.80	0.67	0.53	0.99	0.88	0.75	0.80
		ΔT	28	34	25	21	29	28	24	20	29	28	24	20	29	27	23	20	28	26	23	19	28	26	23	26
		kW	2.23	2.68	3.70	3.74	3.36	4.16	4.15	4.18	4.65	4.65	4.64	4.68	5.18	5.18	5.21	5.21	5.73	5.72	5.73	5.79	4.88	4.52	4.51	4.02
		Amps	8.6	10.1	13.5	13.7	12.7	15.5	15.4	15.6	17.6	17.6	17.6	17.7	19.9	19.9	19.9	20.0	22.6	22.6	22.5	22.7	22.1	20.5	20.5	18.3
		Hi PR	256	266	276	281	311	320	321	326	366	367	369	374	418	419	421	426	474	475	477	482	528	524	526	524
		Lo PR	119	123	121	130	120	120	126	136	121	125	131	141	125	128	135	145	128	132	138	148	134	140	147	164
	1640	MBh	44.4	50.9	54.3	56.6	52.6	52.9	54.5	56.8	51.4	52.2	53.7	56.1	49.6	50.4	**54.0**	54.4	46.4	47.8	49.5	52.1	42.7	43.9	45.5	47.9
		S/T	0.97	0.86	0.69	0.55	0.93	0.82	0.69	0.55	1.01	0.84	0.71	0.57	1.00	0.85	**0.72**	0.59	0.99	0.87	0.74	0.61	0.99	0.96	0.82	0.88
		ΔT	27	26	23	19	28	26	23	19	28	26	23	19	27	25	**22**	18	27	25	21	18	27	25	22	25
		kW	2.51	3.03	3.73	3.77	3.65	4.19	4.18	4.22	4.69	4.68	4.67	4.71	5.21	5.21	**5.14**	5.34	5.70	5.77	5.77	5.83	4.50	4.51	4.53	4.22
		Amps	9.6	11.3	12.8	13.0	13.6	15.0	14.9	15.1	17.3	17.3	17.3	17.4	19.8	19.8	**19.8**	19.9	22.7	22.6	22.6	22.8	20.7	20.6	20.6	18.4
		Hi PR	263	271	279	284	317	322	324	329	369	370	372	377	421	422	**424**	429	477	478	480	485	525	526	528	527
		Lo PR	119	119	123	132	120	122	128	138	123	127	133	143	127	130	**137**	147	130	133	140	150	138	142	149	166
	1890	MBh	49.1	54.2	55.3	57.6	53.2	53.9	55.5	57.8	52.4	53.2	54.7	57.1	50.6	51.4	55.0	55.4	47.3	48.2	49.8	52.4	42.9	44.2	45.7	48.1
		S/T	1.00	0.89	0.72	0.59	0.93	0.86	0.73	0.59	1.01	0.88	0.75	0.61	1.00	0.89	0.76	0.62	0.99	0.91	0.78	0.64	0.99	0.99	0.99	0.91
		ΔT	34	25	22	18	27	25	21	18	27	25	21	18	26	24	21	17	26	24	20	17	26	30	27	24
		kW	2.73	3.28	3.75	3.79	4.22	4.21	4.20	4.24	4.71	4.71	4.70	4.73	5.24	5.23	5.27	5.26	5.70	5.72	5.71	5.77	4.56	4.04	4.04	4.06
		Amps	10.3	12.1	13.8	13.9	15.7	15.7	15.7	15.8	17.8	17.8	17.8	17.9	20.2	20.2	20.1	20.3	22.8	22.8	22.7	22.9	20.7	18.4	18.4	18.5
		Hi PR	271	277	282	287	324	325	327	332	372	373	375	379	423	425	426	431	480	481	483	488	528	523	525	530
		Lo PR	124	120	125	135	121	124	131	141	125	129	135	146	129	132	139	149	132	136	142	153	140	150	157	169
85	1390	MBh	43.2	50.9	54.4	56.7	52.7	53.0	54.5	56.9	51.5	52.2	53.8	56.2	49.7	50.4	54.0	54.4	45.5	46.2	47.8	50.2	38.1	38.7	40.1	39.1
		S/T	1.00	0.88	0.71	0.57	1.00	0.85	0.71	0.58	1.00	0.86	0.73	0.60	1.00	0.88	0.75	0.61	0.99	0.89	0.76	0.63	0.99	0.99	0.85	0.72
		ΔT	32	31	28	25	33	31	28	24	33	31	28	24	32	31	27	23	32	30	26	23	32	30	27	23
		kW	2.40	3.01	3.71	3.74	3.63	4.16	4.16	4.19	4.66	4.66	4.65	4.69	5.19	5.19	5.22	5.22	5.55	5.54	5.54	5.58	4.53	4.53	4.52	4.02
		Amps	9.2	11.2	13.6	13.7	13.6	15.5	15.5	15.6	17.6	17.6	17.6	17.8	20.0	20.0	19.9	20.1	22.6	22.6	22.6	22.7	20.6	20.6	20.5	18.3
		Hi PR	260	270	278	282	316	321	323	328	367	368	370	375	419	420	422	427	475	476	478	483	524	525	527	523
		Lo PR	120	119	122	132	120	122	128	138	123	126	133	143	126	130	136	147	130	133	140	150	138	141	148	162
	1640	MBh	47.3	54.1	55.2	57.5	53.1	53.8	55.3	57.7	52.3	53.0	54.6	57.0	50.5	51.3	54.8	55.3	46.2	46.9	48.5	50.9	38.8	39.4	37.8	39.7
		S/T	1.00	0.95	0.79	0.65	1.00	0.92	0.79	0.65	1.00	0.94	0.81	0.67	1.00	0.95	0.82	0.68	0.99	0.97	0.84	0.70	0.99	0.99	0.94	0.80
		ΔT	31	30	27	23	32	30	26	23	32	30	26	23	31	29	26	22	30	28	25	21	30	29	25	21
		kW	2.70	3.27	3.74	3.78	4.20	4.20	4.19	4.22	4.69	4.69	4.68	4.72	5.22	5.22	5.25	5.25	5.58	5.56	5.56	5.61	4.55	4.55	4.02	4.04
		Amps	10.2	12.1	13.7	13.9	15.6	15.6	15.6	15.7	17.8	17.8	17.7	17.9	20.1	20.1	20.1	20.2	22.7	22.7	22.7	22.8	20.7	20.7	18.3	18.4
		Hi PR	267	275	280	285	322	324	326	330	370	371	373	378	422	423	425	430	478	479	481	486	527	528	521	526
		Lo PR	120	120	124	134	120	124	130	140	125	128	135	145	128	132	138	149	131	135	142	152	140	143	153	164
	1890	MBh	48.2	55.1	56.2	58.5	54.1	54.8	56.3	58.7	53.3	54.1	55.6	58.0	51.5	52.3	56.0	56.3	47.3	47.9	49.5	52.0	39.6	40.3	38.7	40.6
		S/T	1.00	0.99	0.82	0.68	1.00	0.95	0.82	0.69	1.00	0.97	0.84	0.71	1.00	0.99	0.86	0.72	0.99	0.99	0.87	0.74	0.99	0.99	0.98	0.84
		ΔT	30	29	26	22	31	29	25	22	31	29	25	21	30	28	24	21	29	27	24	20	29	28	24	20
		kW	2.72	3.29	3.76	3.80	4.22	4.22	4.21	4.25	4.72	4.72	4.71	4.74	5.25	5.24	5.28	5.27	5.60	5.59	5.59	5.63	4.57	4.56	4.03	4.05
		Amps	10.3	12.1	13.8	14.0	15.7	15.7	15.7	15.8	17.9	17.9	17.8	18.0	20.2	20.2	20.2	20.3	22.8	22.8	22.8	22.9	20.8	20.8	18.4	18.5
		Hi PR	269	278	283	288	325	326	328	333	373	374	376	381	425	426	428	433	481	482	484	489	529	531	524	528
		Lo PR	122	122	127	137	122	126	132	142	127	130	137	147	130	134	141	151	134	137	144	155	142	145	155	166

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.

AZV9SA241CA* + CAHEA3630*3A*, MBVK16CH*X00A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	31.3	29.1	27.1	25.2	24.0	23.3	21.5	41.8	38.9	36.0	33.2	31.5	30.5	27.8	24.0	22.6	20.1	15.9
T/R	31	29	27	25	24	23	21	42	39	36	33	32	30	28	25	22	20	16
KW	1.74	1.72	1.71	1.69	1.56	1.56	1.54	3.77	3.63	3.48	3.34	3.42	3.21	3.08	2.93	2.83	2.72	2.34
AMPS	5.4	5.4	5.3	5.2	5.2	5.1	5.1	14.9	14.3	13.7	13.0	12.7	12.5	11.9	11.3	10.8	10.3	8.6
COP	5.62	5.29	4.96	4.67	4.50	4.37	4.09	3.25	3.14	3.03	2.91	2.70	2.78	2.65	2.40	2.34	2.17	1.99
Hi PR	368	356	338	319	309	304	297	383	379	363	348	339	332	320	308	296	286	269
LO PR	176	164	146	127	118	112	106	87	77	70	63	59	56	50	45	39	35	31

AZV9SA361CA* + CAHEA3630*3A*, MBVK16CH*X00A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	45.2	42.2	39.3	36.5	34.2	33.8	31.3	57.3	53.2	49.3	45.5	43.2	41.7	38.3	34.2	31.2	26.6	18.9
T/R	28	26	24	22	21	20	19	35	33	30	28	26	25	23	21	19	16	11
KW	2.46	2.45	2.43	2.41	2.39	2.30	2.27	5.22	5.04	4.85	4.68	5.07	4.50	4.34	4.18	3.98	3.62	2.81
AMPS	8.0	7.9	7.8	7.7	7.7	7.6	7.5	20.6	19.7	18.9	18.2	17.7	17.4	16.7	15.9	15.1	13.5	9.9
COP	5.57	5.21	4.90	4.58	4.20	4.31	4.04	3.22	3.09	2.98	2.85	2.50	2.72	2.58	2.40	2.30	2.15	1.98
Hi PR	361	349	331	313	303	298	292	371	363	348	338	329	316	306	296	287	275	257
LO PR	164	154	137	119	110	105	99	81	73	66	59	55	52	47	41	36	32	30

AZV9SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	66.1	62.7	57.2	51.2	48.0	46.3	44.2	65.7	61.3	56.9	56.5	53.6	51.7	45.3	44.0	35.5	27.5	20.6
T/R	45	43	39	35	33	31	30	44	41	38	38	36	34	34	33	29	26	22
KW	4.28	4.18	4.01	3.83	3.73	3.68	3.62	7.17	6.84	6.54	6.83	6.65	6.53	6.23	6.79	6.47	6.25	5.91
AMPS	17.7	17.2	16.5	15.6	15.2	14.9	14.6	29.8	28.4	27.0	28.5	27.6	27.1	25.7	29.7	28.2	27.1	24.2
COP	4.52	4.40	4.18	3.92	3.77	3.69	3.58	2.69	2.62	2.55	2.42	2.36	2.32	2.13	1.90	1.78	1.66	1.66
Hi PR	429	415	394	371	360	353	346	427	409	393	385	376	369	360	355	339	327	312
LO PR	158	148	132	115	106	101	96	81	73	67	59	55	52	45	39	34	30	27

AZV9SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	74.4	70.6	64.4	57.6	54.0	52.1	49.7	67.1	62.5	59.2	56.2	54.3	55.5	50.5	47.0	38.5	30.0	22.5
T/R	43	41	37	33	31	30	28	39	37	36	34	32	32	29	27	22	18	15
KW	5.00	4.88	4.69	4.47	4.36	4.30	4.22	8.02	7.71	7.41	7.10	6.92	7.36	7.02	7.25	5.91	4.83	4.32
AMPS	19.5	19.0	18.2	17.2	16.7	16.5	16.1	30.1	26.7	27.8	26.5	27.9	30.0	28.5	27.3	23.7	19.0	16.7
COP	4.36	4.24	4.02	3.77	3.63	3.55	3.45	2.45	2.38	2.34	2.32	2.30	2.21	2.11	1.90	1.91	1.86	1.77
Hi PR	422	409	388	366	354	348	341	407	390	373	366	357	358	343	329	307	284	270
LO PR	156	145	130	113	104	100	94	79	72	66	58	54	50	44	39	34	31	29

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

AZV9SA241CA* + CAHEA3630*3A*, MBVK16CH*X00A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	55.8	52.1	51.2	47.6	45.6	44.3	41.1	**Same as normal heating mode**
T/R	31	29	28	26	25	24	22	
KW	3.24	3.20	3.38	3.32	3.28	3.26	3.19	
AMPS	11.3	11.1	11.9	11.7	11.5	11.4	11.1	
COP	5.05	4.77	4.44	4.20	4.07	3.98	3.77	
Hi PR	382	370	358	337	327	321	314	
LO PR	167	156	137	119	110	105	99	

AZV9SA361CA* + CAHEA3630*3A*, MBVK16CH*X00A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	70.1	65.6	64.5	60.2	57.7	56.0	52.2	**Same as normal heating mode**
T/R	44	41	40	38	36	35	32	
KW	4.86	4.71	4.98	4.81	4.72	4.65	4.50	
AMPS	18.9	18.2	19.4	18.7	18.3	18.0	17.4	
COP	4.23	4.08	3.80	3.67	3.58	3.53	3.40	
Hi PR	418	402	397	383	374	368	356	
LO PR	141	130	118	108	102	99	90	

AZV9SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	82.7	81.2	74.6	73.9	70.6	68.8	68.3	**Same as normal heating mode**
T/R	55	54	49	49	47	45	45	
KW	6.36	6.96	6.62	7.16	6.96	6.86	7.33	
AMPS	25.7	28.5	27.2	29.6	28.8	28.2	29.8	
COP	3.82	3.42	3.31	3.03	2.97	2.94	2.73	
Hi PR	481	476	452	448	436	430	428	
LO PR	151	132	118	105	99	95	86	

AZV9SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	91.1	83.1	81.8	78.3	76.8	74.8	73.8	**Same as normal heating mode**
T/R	51	46	45	44	42	41	41	
KW	6.92	6.57	7.12	7.19	7.33	7.22	7.58	
AMPS	27.2	26.1	28.6	28.8	29.7	29.0	30.1	
COP	3.86	3.71	3.37	3.19	3.07	3.04	2.86	
Hi PR	463	437	432	426	414	408	403	
LO PR	146	130	115	102	96	92	83	

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

AZV9SA241CA* + CAHEA3630*3A*, MBVK16CH*X00A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
-10	16.3	2.15	16.1	2.23	16.0	2.30	15.9	2.34	15.8	2.38	15.7	2.45
-5	20.6	2.50	20.4	2.60	20.2	2.67	20.1	2.72	20.0	2.77	19.8	2.85
0	23.2	2.60	22.9	2.70	22.7	2.78	22.6	2.83	22.5	2.88	22.3	2.96
5	24.4	2.68	24.1	2.78	23.9	2.86	24.0	2.93	23.7	2.97	23.4	3.05
10	28.5	2.83	28.2	2.94	28.0	3.02	27.8	3.08	27.6	3.14	27.4	3.22
15	31.3	2.95	30.9	3.07	30.7	3.15	30.5	3.21	30.3	3.27	30.0	3.36
17	32.3	3.14	31.9	3.27	31.7	3.36	31.5	3.42	31.3	3.48	31.0	3.58
20	34.0	3.07	33.7	3.19	33.4	3.28	33.2	3.34	33.0	3.40	32.7	3.50
25	36.9	3.20	36.5	3.32	36.2	3.42	36.0	3.48	35.8	3.54	35.5	3.64
30	39.9	3.34	39.5	3.47	39.1	3.56	38.9	3.63	38.7	3.70	35.4	3.38
35	46.4	3.90	45.9	4.05	46.1	4.12	41.8	3.77	41.6	3.84	41.2	3.95
40	22.0	1.42	21.8	1.47	21.6	1.51	21.5	1.54	21.4	1.57	21.2	1.61
45	23.9	1.43	23.6	1.49	23.4	1.53	23.3	1.56	23.2	1.59	22.9	1.63
47	24.6	1.44	24.3	1.49	24.1	1.54	**24.0**	**1.56**	23.9	1.59	23.6	1.64
50	25.8	1.45	25.6	1.51	25.3	1.55	25.2	1.58	25.1	1.61	24.8	1.65
55	27.8	1.47	27.5	1.53	27.3	1.57	27.1	1.60	26.9	1.63	26.7	1.67
60	29.8	1.48	29.5	1.54	29.3	1.58	29.1	1.61	28.9	1.64	28.7	1.68
65	32.1	1.50	31.7	1.56	31.5	1.60	31.3	1.63	31.1	1.66	30.8	1.71

AZV9SA361CA* + CAHEA3630*3A*, MBVK16CH*X00A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
-10	19.4	2.58	19.2	2.68	19.0	2.76	18.9	2.81	18.8	2.86	18.6	2.94
-5	27.3	3.33	27.0	3.46	26.8	3.55	26.6	3.62	26.4	3.69	26.2	3.79
0	32.0	3.66	31.6	3.80	31.4	3.91	31.2	3.98	31.0	4.05	30.7	4.16
5	34.8	3.82	34.4	3.97	34.1	4.08	34.2	4.18	33.7	4.23	33.4	4.35
10	39.3	3.99	38.8	4.14	38.5	4.26	38.3	4.34	38.1	4.42	37.7	4.54
15	42.7	4.14	42.3	4.30	41.9	4.42	41.7	4.50	41.5	4.58	41.1	4.71
17	44.3	4.66	43.8	4.84	43.5	4.98	43.2	5.07	42.9	5.16	42.5	5.30
20	46.6	4.30	46.1	4.47	45.8	4.59	45.5	4.68	45.2	4.77	43.7	4.55
25	51.8	4.80	51.2	4.98	50.8	5.12	49.3	4.85	49.0	4.94	48.6	5.08
30	55.9	4.99	54.0	4.81	53.5	4.95	53.2	5.04	49.0	4.68	48.6	4.81
35	63.4	5.27	62.7	5.47	57.6	5.13	57.3	5.22	57.0	5.32	56.4	5.46
40	32.1	2.09	31.7	2.17	31.5	2.23	31.3	2.27	31.1	2.31	30.8	2.38
45	34.6	2.11	34.3	2.20	34.0	2.26	33.8	2.30	33.6	2.34	33.3	2.41
47	35.1	2.19	34.7	2.28	34.4	2.34	**34.2**	**2.39**	34.0	2.43	33.7	2.50
50	37.4	2.14	37.0	2.22	36.7	2.29	36.5	2.33	36.3	2.37	35.9	2.44
55	40.3	2.16	39.9	2.24	39.5	2.31	39.3	2.35	39.1	2.39	38.7	2.46
60	43.3	2.18	42.8	2.26	42.4	2.33	42.2	2.37	42.0	2.41	41.6	2.48
65	46.3	2.19	45.8	2.27	45.5	2.34	45.2	2.38	44.9	2.42	44.5	2.49

AZV9SA241CA* + CAHEA3630*3A*, MBVK16CH*X00A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
35 or lower	Same as normal heating mode											
40	42.8	3.35	41.7	3.05	41.3	3.13	41.1	3.19	40.9	3.25	40.5	3.34
45	45.4	3.00	44.9	3.11	44.6	3.20	44.3	3.26	40.5	2.92	40.1	3.00
47	51.1	3.45	50.5	3.59	50.1	3.69	45.6	3.28	45.5	3.35	45.1	3.44
50	53.1	3.50	52.6	3.64	47.9	3.26	47.6	3.32	47.3	3.38	46.9	3.47
55	52.5	3.11	51.9	3.23	51.5	3.32	51.2	3.38	50.9	3.44	47.8	3.24
60	56.3	3.23	55.7	3.35	52.4	3.14	52.1	3.20	51.8	3.26	51.3	3.35
65	60.3	3.28	56.6	3.09	56.1	3.18	55.8	3.24	53.8	3.12	50.3	2.89

AZV9SA361CA* + CAHEA3630*3A*, MBVK16CH*X00A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
35 or lower	Same as normal heating mode											
40	53.5	4.14	52.9	4.30	52.5	4.42	52.2	4.50	51.9	4.58	51.4	4.71
45	57.4	4.28	56.8	4.44	56.3	4.57	56.0	4.65	51.9	4.23	51.4	4.34
47	63.7	4.89	63.0	5.07	58.2	4.65	57.7	4.72	57.5	4.82	57.0	4.95
50	66.3	4.98	61.1	4.59	60.5	4.72	60.2	4.81	59.8	4.90	59.3	5.03
55	66.1	4.58	65.4	4.76	64.9	4.89	64.5	4.98	60.9	4.64	60.3	4.77
60	70.9	4.76	70.1	4.94	66.0	4.62	65.6	4.71	65.2	4.80	64.6	4.93
65	71.9	4.47	71.1	4.64	70.5	4.77	70.1	4.86	65.2	4.40	64.6	4.52

AZV9SA4810A* + AHVE60DP1300A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
-10	20.4	5.64	20.2	5.86	20.7	5.81	20.6	5.91	17.9	5.02	17.8	5.16
-5	28.2	5.75	27.9	5.97	27.7	6.14	27.5	6.25	28.3	6.14	24.6	5.26
0	36.4	5.95	36.0	6.17	35.7	6.35	35.5	6.47	35.3	6.59	35.0	6.77
5	44.7	6.20	44.2	6.44	43.9	6.62	44.0	6.79	43.4	6.87	43.0	7.06
10	46.5	5.73	46.0	5.95	45.6	6.12	45.3	6.23	46.7	6.12	46.2	6.29
15	51.2	6.23	50.6	6.47	52.0	6.41	51.7	6.53	51.4	6.65	50.9	6.83
17	53.1	6.35	54.4	6.35	53.9	6.53	53.6	6.65	53.3	6.77	46.2	5.80
20	55.9	6.52	57.3	6.53	56.8	6.71	56.5	6.83	49.2	5.80	48.7	5.96
25	66.6	7.21	65.9	7.48	57.2	6.42	56.9	6.54	56.6	6.66	56.0	6.84
30	71.7	7.55	62.1	6.53	61.6	6.72	61.3	6.84	60.9	6.97	60.3	7.16
35	67.4	6.60	66.7	6.85	66.1	7.04	65.7	7.17	65.3	7.30	64.7	7.51
40	45.3	3.32	44.8	3.45	44.5	3.55	44.2	3.62	44.0	3.68	43.5	3.78
45	47.4	3.38	46.9	3.51	46.6	3.61	46.3	3.68	46.0	3.75	45.6	3.85
47	49.2	3.43	48.7	3.56	48.3	3.66	**48.0**	**3.73**	47.7	3.80	47.3	3.90
50	52.5	3.52	51.9	3.66	51.5	3.76	51.2	3.83	50.9	3.90	50.4	4.01
55	58.6	3.69	58.0	3.83	57.5	3.94	57.2	4.01	56.9	4.09	56.3	4.20
60	64.3	3.84	63.6	3.99	63.1	4.10	62.7	4.18	62.4	4.26	61.8	4.37
65	67.8	3.94	67.0	4.09	66.5	4.20	66.1	4.28	65.7	4.36	65.1	4.48

AZV9SA6010A* + AHVE60DP1300A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
-10	28.2	5.16	26.2	4.94	24.3	4.66	22.5	4.32	22.4	4.40	20.6	4.12
-5	37.1	5.71	34.6	5.46	32.2	5.17	30.0	4.83	29.8	4.92	27.5	4.60
0	42.0	5.91	41.5	6.13	41.2	6.31	38.5	5.91	36.0	5.55	35.7	5.70
5	47.2	6.20	46.7	6.44	46.3	6.62	47.0	7.25	45.7	6.87	45.3	7.05
10	51.7	6.45	51.2	6.70	50.8	6.89	50.5	7.02	50.2	7.15	49.7	7.35
15	56.9	6.77	56.3	7.03	55.8	7.23	55.5	7.36	55.2	7.50	51.4	7.09
17	55.7	6.36	55.1	6.60	54.7	6.79	54.3	6.92	54.0	7.04	50.3	6.66
20	61.2	7.09	60.6	7.37	60.1	7.57	56.2	7.10	55.8	7.23	55.3	7.43
25	64.5	7.40	63.8	7.68	59.6	7.27	59.2	7.41	58.9	7.54	54.9	7.14
30	68.1	7.69	67.4	7.99	66.8	8.22	62.5	7.71	62.1	7.85	61.6	8.07
35	73.1	8.00	68.0	7.66	67.4	7.87	67.1	8.02	66.7	8.17	61.8	7.69
40	51.0	3.88	50.4	4.03	50.0	4.15	49.7	4.22	49.4	4.30	49.0	4.42
45	53.4	3.95	52.8	4.10	52.4	4.22	52.1	4.30	51.8	4.38	51.3	4.50
47	55.4	4.01	54.8	4.16	54.3	4.28	**54.0**	**4.36**	53.7	4.44	53.2	4.56
50	59.0	4.11	58.4	4.27	57.9	4.39	57.6	4.47	57.2	4.56	56.7	4.68
55	66.0	4.31	65.3	4.48	64.7	4.60	64.4	4.69	64.0	4.77	63.4	4.91
60	72.3	4.49	71.6	4.66	71.0	4.80	70.6	4.88	70.2	4.97	69.5	5.11
65	76.2	4.60	75.4	4.78	74.8	4.91	74.4	5.00	73.9	5.10	73.2	5.23

AZV9SA4810A* + AHVE60DP1300A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
35 or lower	Same as normal heating mode											
40	74.1	7.42	73.3	7.71	68.7	7.19	68.3	7.33	67.9	7.46	67.3	7.67
45	75.0	7.03	74.2	7.30	73.6	7.50	68.8	6.86	68.4	6.98	67.7	7.17
47	77.1	7.16	76.3	7.43	71.2	6.84	70.6	6.96	70.3	7.10	69.7	7.29
50	80.6	7.38	75.0	6.84	74.3	7.03	73.9	7.16	73.5	7.29	72.8	7.49
55	81.9	6.93	75.7	6.32	75.1	6.50	74.6	6.62	74.2	6.74	73.5	6.92
60	83.3	6.40	82.4	6.65	81.7	6.84	81.2	6.96	75.1	6.16	74.4	6.33
65	91.2	6.79	90.3	7.05	83.2	6.24	82.7	6.36	74.5	5.36	73.8	5.51

AZV9SA6010A* + AHVE60DP1300A*

OUTDOOR AIR TEMPERATURE	INDOOR AIR TEMPERATURE, ˚FDB											
	61		65		68		70		72		75	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
˚FDB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
35 or lower	Same as normal heating mode											
40	75.7	6.97	74.9	7.23	74.3	7.44	73.8	7.58	73.4	7.72	68.9	7.26
45	81.1	7.29	80.2	7.57	79.6	7.79	74.8	7.22	74.4	7.35	73.7	7.56
47	83.4	7.44	82.5	7.73	77.4	7.22	76.8	7.33	76.5	7.49	75.8	7.69
50	84.9	7.30	79.4	6.87	78.8	7.06	78.3	7.19	77.9	7.32	72.6	6.75
55	89.2	7.34	83.0	6.80	82.3	6.99	81.8	7.12	81.3	7.25	75.3	6.57
60	91.3	6.91	90.3	7.18	89.6	7.38	83.1	6.57	82.7	6.69	81.9	6.87
65	100.1	7.35	92.4	6.61	91.6	6.79	91.1	6.92	90.6	7.05	83.5	6.25

Follow the below steps to verify the refrigerant charge amount in heating mode:

- Select heat mode on the thermostat and set the set point temperature to the highest value.
- Allow system operation for 30 minutes.
- Compare the pressures at Vapor service valve and suction access port to the values in this section (Vapor service valve pressure tolerance is ± 20 psig & suction access port pressure tolerance ± 5 psig).

NOTE: Pressures shown in this section are for Designated Tested Combination at 100% compressor speed WITH NO FROST ON OUTDOOR COIL. Due to factors like airflow, charge, indoor coil & frost, pressures will vary significantly.

AZV9SA241CA* + CAHEA3630*3A*, MBVK16CH*X00A*

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (ºF)	Outdoor Air Dry Bulb Temperature (ºF)																							
		17		20		25		30		35		40		45		47		50		55		60		65	
		Vapor Valve & Compressor Suction Pressure																							
		Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct
900	61	302	58	310	62	323	70	337	77	352	84	265	105	270	111	275	117	284	126	301	145	317	163	328	174
	65	318	59	327	63	341	70	355	77	370	85	279	106	285	112	290	117	299	127	317	146	334	163	345	175
	68	331	59	339	63	354	70	369	77	384	85	290	106	296	112	301	117	311	127	330	146	347	164	359	175
	70	339	59	348	63	363	70	379	77	383	87	297	106	304	112	309	118	319	127	338	146	356	164	368	176
	72	348	59	357	63	372	70	388	78	392	87	305	106	311	113	317	118	327	128	347	147	365	165	377	176
	75	361	59	370	63	386	70	391	79	407	87	316	107	323	113	329	118	339	128	360	147	379	165	392	177

Vapor service valve pressure tolerance is ± 20 psig & suction access port pressure tolerance ± 5 psig.

AZV9SA361CA* + CAHEA3630*3A*, MBVK16CH*X00A*

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (ºF)	Outdoor Air Dry Bulb Temperature (ºF)																							
		17		20		25		30		35		40		45		47		50		55		60		65	
		Vapor Valve & Compressor Suction Pressure																							
		Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct
1450	61	293	54	301	58	314	65	327	71	337	79	260	98	265	104	270	109	278	118	295	136	311	152	321	163
	65	309	54	317	58	331	65	340	72	355	80	274	99	279	105	284	109	293	119	311	136	328	153	339	164
	68	321	55	329	58	344	65	354	73	361	81	284	99	290	105	295	110	305	119	323	137	341	153	352	164
	70	329	55	338	59	348	66	363	73	371	81	292	99	298	105	303	110	313	119	331	137	349	154	361	164
	72	338	55	346	59	357	66	364	74	380	82	299	100	305	105	310	110	320	119	340	137	358	154	370	165
	75	350	55	355	60	370	66	378	75	394	82	310	100	317	106	322	111	333	120	353	138	372	154	384	165

Vapor service valve pressure tolerance is ± 20 psig & suction access port pressure tolerance ± 5 psig.

AZV9SA4810A* + AHVE60DP1300A*

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (ºF)	Outdoor Air Dry Bulb Temperature (ºF)																							
		17		20		25		30		35		40		45		47		50		55		60		65	
		Vapor Valve & Compressor Suction Pressure																							
		Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct
1380	61	351	53	360	56	368	64	384	70	380	80	308	95	315	100	320	105	331	114	351	131	369	147	382	157
	65	362	54	372	58	388	64	384	73	401	80	325	95	332	101	337	105	348	114	369	131	389	147	402	158
	68	376	54	386	58	383	66	399	73	416	81	338	95	345	101	351	106	362	115	384	132	404	148	418	158
	70	386	54	396	58	393	67	409	73	427	81	346	96	353	101	360	106	371	115	394	132	415	148	429	158
	72	396	54	386	60	403	67	420	74	438	81	355	96	362	101	369	106	381	115	404	132	425	148	439	159
	75	390	56	400	60	418	67	436	74	454	81	368	96	376	102	383	106	395	115	419	133	441	149	456	159

Vapor service valve pressure tolerance is ± 20 psig & suction access port pressure tolerance ± 5 psig.

AZV9SA6010A* + AHVE60DP1300A*

Indoor Air Flow Rate	Indoor Return Air Dry Bulb Temperature (ºF)	Outdoor Air Dry Bulb Temperature (ºF)																							
		17		20		25		30		35		40		45		47		50		55		60		65	
		Vapor Valve & Compressor Suction Pressure																							
		Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct	Vap	Suct
1640	61	325	52	334	56	348	62	355	70	370	77	304	93	310	99	316	103	326	112	346	129	364	144	376	154
	65	342	53	351	56	367	63	374	70	382	79	320	94	327	99	332	104	343	112	364	129	384	145	396	155
	68	356	53	365	56	373	64	389	71	397	79	333	94	340	99	345	104	357	113	378	129	399	145	412	155
	70	365	53	366	58	382	64	390	72	407	79	341	94	348	100	354	104	366	113	388	130	409	145	422	156
	72	374	53	376	58	392	64	400	72	417	79	350	94	357	100	363	104	375	113	398	130	419	146	433	156
	75	380	54	390	58	398	66	415	73	423	81	363	95	370	100	377	105	389	114	413	130	435	146	449	157

Vapor service valve pressure tolerance is ± 20 psig & suction access port pressure tolerance ± 5 psig.

AZV9SA241CA* / CAHEA3630*3A*, MBVK16CH*X00A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	26,100	19,600	6,500	1,470
80°	25,700	19,700	6,000	1,600
85°	25,300	19,700	5,600	1,710
90°	24,700	19,500	5,200	1,800
95°	**24,000**	**19,200**	**4,800**	**1,970**
100°	23,200	18,800	4,400	2,100
105°	22,400	18,400	4,000	2,280
110°	21,700	18,400	3,300	2,500
115°	21,000	18,300	2,700	2,640
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**23,100**	**18,700**	**4,400**	**1,970**

AAZV9SA241CA* / CAHEA3630*3A*, MBVK16CH*X00A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	26,100	19,600	6,500	1,470
80°	25,700	19,700	6,000	1,600
85°	25,300	19,700	5,600	1,710
90°	24,700	19,500	5,200	1,800
95°	**24,000**	**19,200**	**4,800**	**1,970**
100°	23,200	18,800	4,400	2,100
105°	22,400	18,400	4,000	2,280
110°	21,700	18,400	3,300	2,500
115°	21,000	18,300	2,700	2,640
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**23,100**	**18,700**	**4,400**	**1,970**

AZV9SA361CA* / CAHEA3630*3A*, MBVK16CH*X00A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	38,100	30,100	8,000	2,200
80°	37,300	29,800	7,500	2,400
85°	36,400	29,500	6,900	2,510
90°	35,300	28,800	6,500	2,700
95°	**34,200**	**28,000**	**6,200**	**2,850**
100°	32,900	27,100	5,800	3,000
105°	31,600	26,200	5,400	3,240
110°	30,400	25,700	4,700	3,500
115°	29,200	25,100	4,100	3,700
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**32,900**	**27,300**	**5,600**	**2,860**

AZV9SA361CA* / CAHEA3630*3A*, MBVK16CH*X00A*
Design Subcooling @ AHRI 95°F Conditions10-12°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	41,000	31,200	9,800	2,200
80°	40,200	30,900	9,300	2,300
85°	39,200	30,400	8,800	2,500
90°	38,000	29,600	8,400	2,600
95°	**36,000**	**28,800**	**7,900**	**3,000**
100°	35,400	28,400	7,000	3,400
105°	34,000	26,800	7,200	3,100
110°	32,600	26,200	6,400	3,400
115°	31,500	26,000	5,500	3,600
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**35,400**	**28,000**	**7,400**	**2,800**

AZV9SA4810A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	48,200	34,700	13,500	3,090
80°	47,900	34,500	13,400	3,290
85°	47,500	34,700	12,800	3,490
90°	46,800	34,200	12,600	3,710
95°	**46,000**	**33,100**	**12,900**	**3,930**
100°	45,200	32,500	12,700	4,370
105°	44,300	31,900	12,400	4,810
110°	43,500	32,200	11,300	4,990
115°	42,600	31,500	11,100	5,160
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**44,300**	**32,300**	**12,000**	**3,940**

AZV9SA6010A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 9-11°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	54,500	37,600	16,900	4,180
80°	54,100	37,900	16,200	4,400
85°	53,700	38,100	15,600	4,670
90°	53,600	37,800	15,800	5,000
95°	**54,000**	**38,880**	**15,100**	**5,310**
100°	51,000	37,300	13,700	5,500
105°	49,500	36,200	13,300	5,770
110°	47,500	34,600	12,900	6,300
115°	45,500	36,800	8,700	5,200
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**50,100**	**36,600**	**13,500**	**5,210**

AZV9SA4810A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	61,000	41,200	19,800	4,460
80°	59,800	40,400	19,400	4,720
85°	58,600	40,000	18,600	4,980
90°	54,300	37,100	17,200	5,260
95°	**50,000**	**34,600**	**15,400**	**5,530**
100°	48,800	33,700	15,100	5,840
105°	47,500	33,300	14,200	6,150
110°	45,900	33,900	12,000	5,220
115°	44,500	31,200	13,300	5,490
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**46,500**	**33,600**	**12,900**	**5,440**

AZV9SA6010A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 10-12°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	62,900	42,600	20,300	4,600
80°	62,600	43,000	19,600	4,900
85°	62,000	43,200	18,800	5,100
90°	61,100	43,100	18,000	5,400
95°	**60,000**	**43,100**	**16,900**	**6,000**
100°	58,600	43,700	14,900	6,700
105°	57,200	41,700	15,500	6,400
110°	53,600	40,400	13,200	6,300
115°	45,500	36,800	8,700	5,200
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**57,800**	**41,700**	**16,100**	**5,700**

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	71	71.8	70.9	70.4	65.6	60.4	51.5	43.7
3-ton	71	71.8	71.7	70.2	65.7	60.5	51.7	44.6
4-ton	77	77.6	76.0	76.2	71.7	67.1	58.7	53.9
5-ton	77	77.6	76.0	76.2	71.7	67.1	58.7	53.9

[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	75	76.1	76.7	73.8	69.1	63.8	56.0	48.4
3-ton	75	76.1	76.7	73.8	69.1	63.8	56.1	49.0
4-ton	75	77.7	78.1	76.1	70.9	66.0	59.3	54.1
5-ton	75	77.7	78.1	76.1	70.9	66.0	59.3	54.1

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

Quiet mode_Cooling

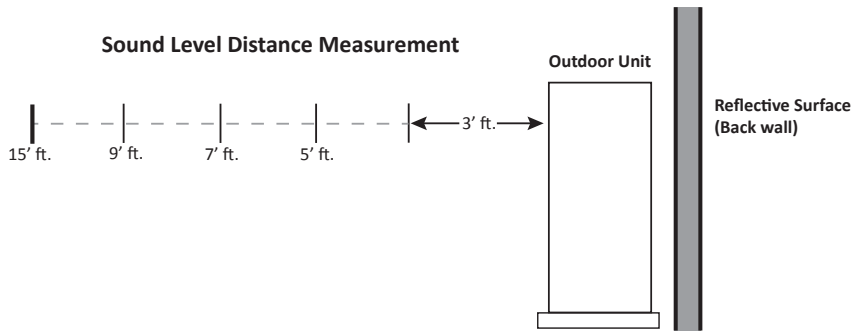
Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2
2-ton	LV.1	69	53
	LV.2	66	50
	LV.3	63	45
3-ton	LV.1	69	53
	LV.2	66	50
	LV.3	63	45
4-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	45
5-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	45

[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	72	56
	LV.2	69	53
	LV.3	66	45
3-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	45
4-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	45
5-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	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	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56
3.0 Ton	0	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56
4.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62
5.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62

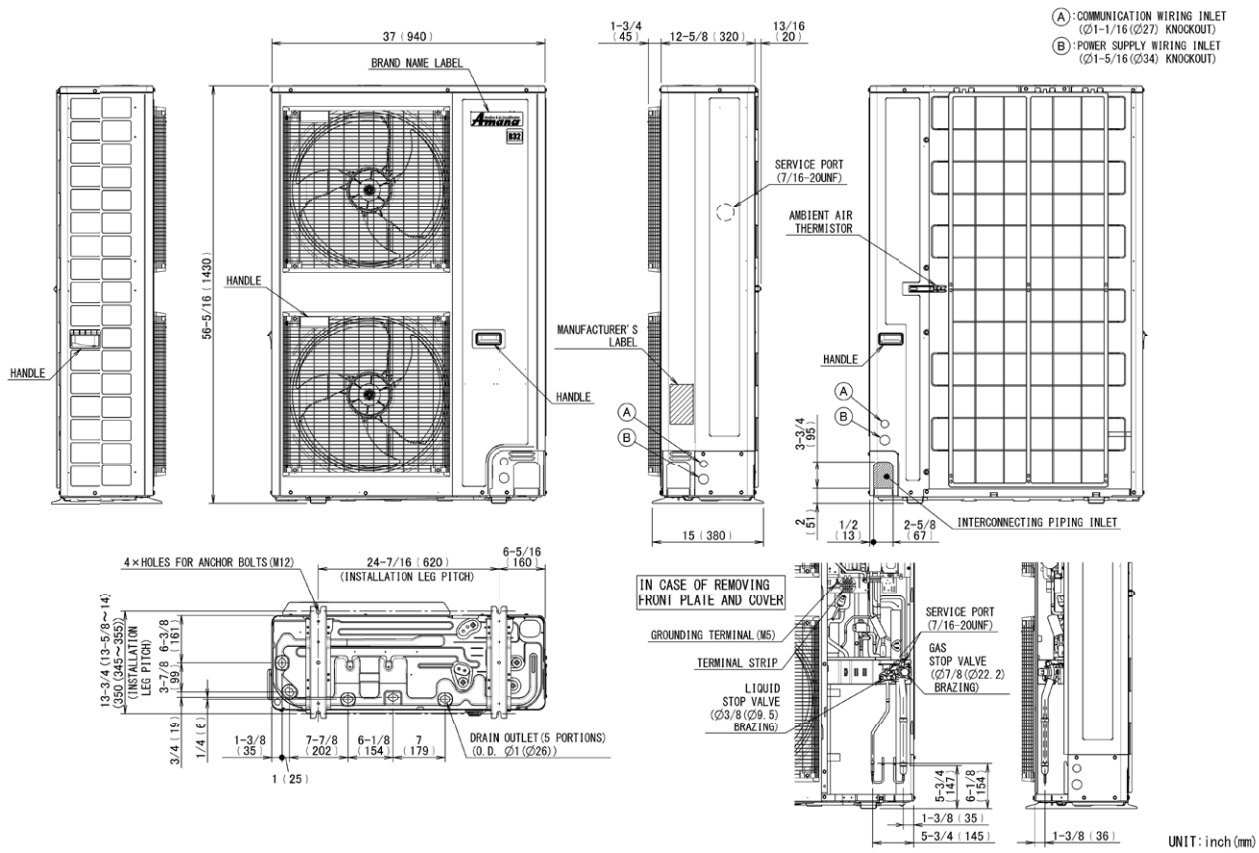
[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

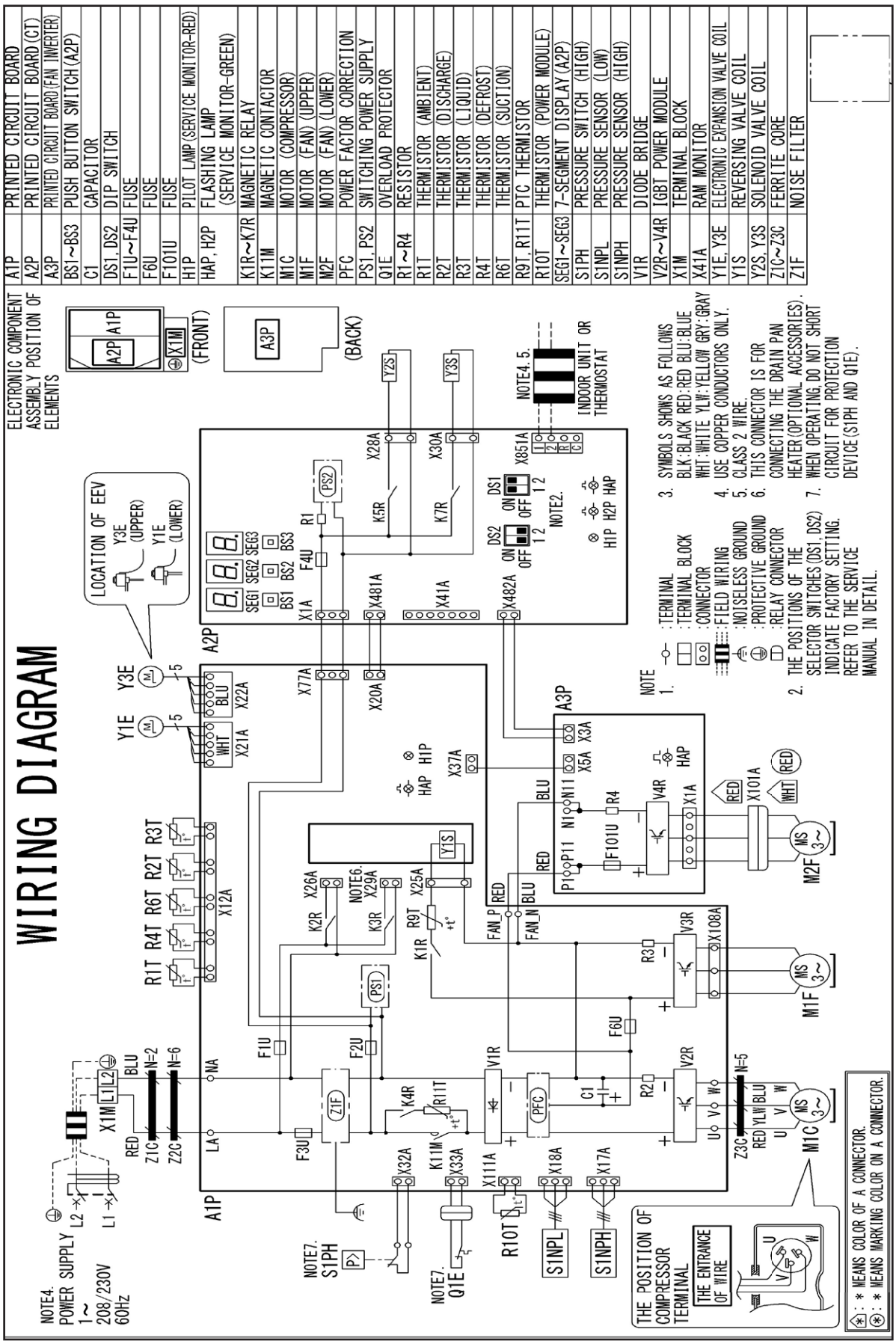
		Sound Pressure (dBA) Heating Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
2.0 Ton	0	68	63	60	58	54
	1	71	66	63	61	57
	2	74	69	66	64	60
3.0 Ton	0	68	63	60	58	54
	1	71	66	63	61	57
	2	74	69	66	64	60
4.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62
5.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62

[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.

MODEL	DIMENSIONS		
	W"	D"	H"
AZV9SA241CA*	37	12⅝	56 5/16
AZV9SA361CA*	37	12⅝	56 5/16
AZV9SA4810A*	37	12⅝	56 5/16
AZV9SA6010A*	37	12⅝	56 5/16





Wiring is subject to change. Always refer to the wiring diagram on 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.

MODEL	DESCRIPTION	AZV9S A241CA*	AZV9S A361CA*	AZV9S A4810A*	AZV9S A6010A*
KPW5G112	Wind Baffle	X² (2)	X² (2)	X² (2)	X² (2)
3K020967-2[1]	Snow Guard Front	X	X	X	X
3P434587-5[1]	Snow Guard Rear	X	X	X	X
3P434588-1[1]	Snow Guard Side	X	X	X	X
0270R02063 (130-DK-017)	Hail Guard	X	X	X	X
KEH3P648291	Drain Pan Heater	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X

[1] Product is manufactured at time of order. Lead time will be associated with purchase.
[2] Please ensure that 2 nos (KPW5G112) are ordered for each model when placing the order.