Goodman
Air Conditioning & Heating

GZV7S

UP TO 19.0 SEER2 & 8.8 HSPF2
2, 3, 3.5, 4 AND 5 TONS

GOODMAN SD (SIDE DISCHARGE) *HIGH-EFFICIENCY, COMMUNICATING, VARIABLE-SPEED, INVERTER DRIVEN 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 Goodman GTST connected thermostat and other Goodman 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.)

Most Efficient 2025 www.energystar.gov

Products that are recognized as the Most Efficient of ENERGY STAR® in 2025 prevent greenhouse gas emissions by meeting rigorous energy 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.

COLD CLIMATE

10 YEAR PARTS LIMITED WARRANTY‡ | 10 YEAR UNIT REPLACEMENT LIMITED WARRANTY‡

ONE-TIME COMPRESSOR REPLACEMENT IN YEARS 11-99 OFFERED BY *ASURE*‡

Intertek

AHRI CERTIFIED

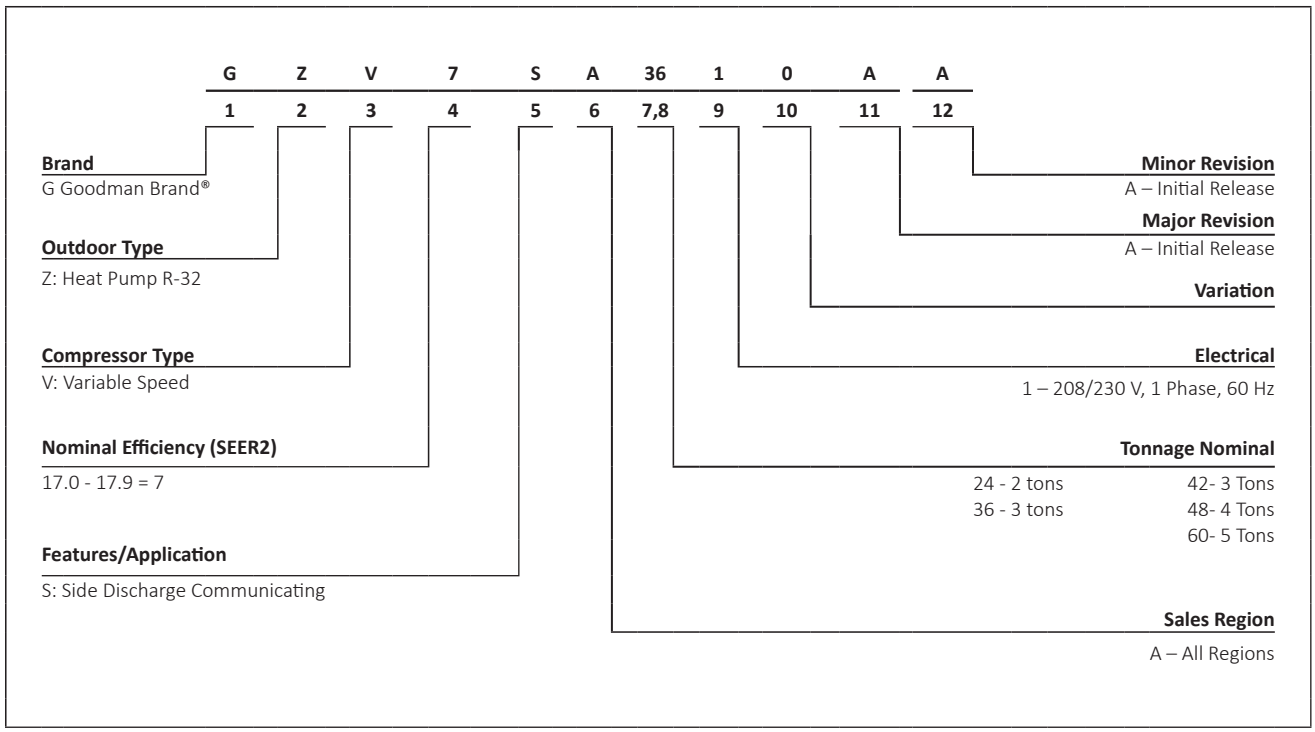
COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

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

BBB ACCREDITED BUSINESS

* Complete warranty available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year 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, 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 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.


G Z V 7 S A 36 1 0 A A
1 2 3 4 5 6 7,8 9 10 11 12
Brand
G Goodman Brand®
Outdoor Type
Z: Heat Pump 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
60- 5 Tons
Electrical
1 – 208/230 V, 1 Phase, 60 Hz
Variation
Major Revision
A – Initial Release
Minor Revision
A – Initial Release

	GZV7SA 2410A*	GZV7SA 3610A*	GZV7SA 4210A*	GZV7SA 4810A*	GZV7SA 6010A*
CAPACITIES (AHRI RATED)					
Max. Cooling (BTU/h)-95F	23,200	35,000	41,000	46,500	52,000
Max. Heating (BTU/h)-47F	23,200	35,000	41,000	47,500	54,000
Max. Heating (BTU/h)-5F	17,000	29,000	31,000	33,600	46,000
AMBIENT OPERATION RANGE					
COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)[2]				
HEATING (°FDB(°CDB))	10 to 70 (-23.3 to 21.1)				
COMPRESSOR					
Type	Swing	Swing	Swing	Swing	
CONDENSER FAN MOTOR					
Horsepower	0.20	0.36	0.36	0.36	2 x 0.32
REFRIGERATION SYSTEM					
Refrigerant Line Size[1]					
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	⅞"	1⅛"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	⅞"	⅞"	⅞"	⅞"	⅞"
Valve Connection Type	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	76	100	118	118	162
Expansion Device	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	14±1°F	9±1°F	9±1°F	9±1°F	11±1°F
ELECTRICAL DATA					
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1
Fan/Compressor Inverter Drive Input	17.6	25.4	30	30	24.5
Minimum Circuit Ampacity[2]	22.4	31.8	37.5	37.5	34.4
Max. Overcurrent Protection[3]	25	35	40	40	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	132	168	179	179	236
SHIP WEIGHT (LBS)	147	185	198	198	271
ENERGY STAR® CERTIFIED	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE	ENERGY STAR COLD CLIMATE
ENERGY STAR® MOST EFFICIENT	ENERGY STAR Most Efficient 2025	ENERGY STAR Most Efficient 2025	ENERGY STAR Most Efficient 2025	ENERGY STAR Most Efficient 2025	ENERGY STAR Most Efficient 2025

[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
5.0			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	GZV7S*421*A* / GZV7S*481*A*/ GZV7S*601*A*	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	G*VT960804C G*VM970804C G*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	680	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	
	800	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	
	920	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	680	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
	800	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
	920	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	680	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
	800	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
	920	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	680	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
	800	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	31	30	26	22	30	29	25	22	30	28	25	21	28	27	23	20	27	25	22	19	27	25	22	19
		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	124	127	134	146	130	134	141	152	135	139	146	158	139	142	150	162	143	146	154	166	148	151	159	171
	920	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	1070	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	
	1260	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	
	1450	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	1070	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
	1260	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
	1450	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		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
	1070	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
		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
	1260	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
		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
	1450	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		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
	1070	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
		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	30	29	25	22	30	28	25	21	29	28	24	21	28	27	23	20	28	26	23	19	28	26	23	20
	1260	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	133	140	149	162	135	142	151	163	135	142	151	163	134	141	149	161	132	139	147	159	131	137	146	157
		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
	1450	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	1120	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	
	1320	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	
	1520	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	1120	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
	1320	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
	1520	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	1120	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
	1320	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
	1520	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	1120	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
	1320	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	33	32	25	22	34	29	25	22	31	29	25	22	30	29	25	22	30	28	25	21	35	33	29	25
		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	119	121	127	138	120	124	133	144	122	129	138	149	125	133	142	153	128	136	145	156	136	144	153	165
	1520	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	1170	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	
	1380	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	
	1590	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	1170	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
	1380	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
	1590	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	1170	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
	1380	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
	1590	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	1170	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
	1380	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	33	32	25	22	34	29	25	22	31	29	25	22	30	29	25	22	30	28	25	21	35	33	29	25
		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	119	121	127	138	120	124	133	144	122	129	138	149	125	133	142	153	128	136	145	156	136	144	153	165
	1590	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.

			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	50.8		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	5.17		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	51.6		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	5.20		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	52.7		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	5.23		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	50.9	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	5.17	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**	51.7	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**	5.20	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	52.7	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	5.22	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	51.1	53.5	46.1	46.9	48.6	51.2	39.0	38.0	39.3	40.0
		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	5.17	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	**52.0**	54.4	46.4	47.8	49.5	52.1	37.6	38.4	40.0	42.4
		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	**5.31**	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	53.0	55.4	47.3	48.2	49.8	52.4	38.9	38.2	39.5	41.5
		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	5.23	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	52.0	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	5.18	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	52.8	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	5.21	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	53.9	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	5.23	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.

GZV7SA2410A* / 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**

GZV7SA2410A* / 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**

GZV7SA3610A* / 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**

GZV7SA3610A* / 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**

GZV7SA4210A* / 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**

GZV7SA4210A* / 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**

GZV7SA4810A* / 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**

GZV7SA4810A* / 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**

GZV7SA6010A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 14-16°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°	52,900	37,800	15,100	4,900
95°	**52,000**	**37,400**	**14,600**	**5,200**
100°	51,000	37,300	13,700	5,500
105°	49,500	36,200	13,300	5,770
110°	46,000	33,600	12,400	5,500
115°	40,000	32,800	7,200	5,180
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**50,100**	**36,600**	**13,500**	**5,210**

GZV7SA6010A* / AHVE60DP1300A*
Design Subcooling @ AHRI 95°F Conditions 14-16°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°	60,500	42,700	17,800	5,400
95°	**59,000**	**42,400**	**16,600**	**6,000**
100°	55,000	41,000	14,000	6,300
105°	52,500	39,200	13,300	6,000
110°	49,000	36,600	12,400	5,800
115°	42,000	34,500	7,500	5,430
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**57,800**	**41,700**	**16,100**	**5,700**

GZV7SA2410A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	31.5	28.5	26.1	24.2	23.2	22.6	21.2	26.9	25.3	23.6	21.9	20.9	20.2	18.5	17.0	15.1	12.1	9.5
T/R	40	36	33	30	29	28	26	34	32	30	28	26	25	23	21	19	14	11
KW	2.26	2.19	2.13	2.09	2.06	2.04	2.01	2.98	2.90	2.82	2.74	2.69	2.66	2.57	2.49	2.41	2.09	1.73
AMPS	8.4	8.1	7.9	7.7	7.6	7.5	7.4	11.5	11.1	10.8	10.5	10.3	10.1	9.7	9.4	9.1	7.8	6.3
COP	4.08	3.82	3.59	3.40	3.30	3.24	3.10	2.65	2.55	2.45	2.34	2.28	2.23	2.11	2.00	1.91	1.81	1.80
Hi PR	385	365	349	337	330	326	318	335	327	319	312	308	305	298	293	281	262	231
LO PR	156	137	122	110	104	100	92	81	74	67	60	56	54	47	42	33	28	25

GZV7SA3610A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	47.4	42.9	39.4	36.5	35.0	34.1	32.1	46.4	43.1	40.0	36.9	35.1	33.9	31.1	29.0	24.6	17.7	12.9
T/R	37	33	31	28	27	26	25	34	31	29	27	26	25	23	21	18	13	9
KW	3.43	3.32	3.23	3.15	3.11	3.08	3.02	5.15	5.00	4.85	4.70	4.61	4.54	4.39	4.25	4.06	3.01	2.44
AMPS	13.3	12.8	12.4	12.1	11.9	11.8	11.6	19.9	19.2	18.6	18.0	17.6	17.4	16.7	16.2	15.4	11.1	8.7
COP	4.05	3.79	3.57	3.39	3.30	3.24	3.11	2.64	2.53	2.42	2.30	2.24	2.19	2.08	2.00	1.87	1.88	1.80
Hi PR	388	370	355	343	337	333	326	366	356	345	334	327	322	310	300	288	244	212
LO PR	147	129	115	104	99	95	88	71	65	59	54	51	48	43	40	31	26	21

GZV7SA4210A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.1	50.1	46.0	42.7	41.0	40.0	37.7	51.6	48.2	44.8	41.2	39.0	37.6	34.0	31.0	27.1	20.9	16.0
T/R	44	39	36	34	32	31	29	41	38	35	32	30	29	26	24	21	16	12
KW	4.12	3.95	3.81	3.70	3.64	3.60	3.52	5.99	5.78	5.57	5.33	5.17	5.07	4.80	4.54	4.36	3.53	2.92
AMPS	16.9	16.1	15.5	15.0	14.7	14.6	14.2	24.4	23.5	22.6	21.6	20.9	20.4	19.3	18.2	17.4	13.9	11.3
COP	3.92	3.71	3.53	3.38	3.30	3.25	3.14	2.53	2.44	2.36	2.27	2.21	2.17	2.07	2.00	1.92	1.90	1.86
Hi PR	428	404	385	370	363	358	348	382	369	356	343	336	331	318	308	291	260	232
LO PR	151	133	118	106	100	97	89	74	68	63	57	53	51	45	39	33	29	24

GZV7SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	64.4	58.4	53.5	49.5	47.5	46.3	43.6	56.0	52.3	48.5	44.7	42.3	40.7	36.8	33.6	29.4	24.1	17.3
T/R	43	39	36	33	32	31	29	39	37	34	31	29	28	25	23	20	16	12
KW	4.82	4.61	4.44	4.29	4.22	4.17	4.07	6.49	6.27	6.03	5.77	5.61	5.49	5.20	4.92	4.73	4.14	3.16
AMPS	17.9	17.1	16.4	15.8	15.5	15.3	14.9	24.4	23.5	22.6	21.5	20.9	20.4	19.3	18.2	17.4	15.1	11.3
COP	3.91	3.71	3.53	3.38	3.30	3.25	3.14	2.53	2.44	2.36	2.27	2.21	2.17	2.07	2.00	1.92	1.87	1.86
Hi PR	431	407	387	371	363	358	348	380	367	354	342	334	329	316	306	290	267	231
LO PR	150	132	117	105	99	95	87	74	69	63	57	54	51	45	39	33	28	24

GZV7SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.1	66.5	62.2	58.0	54.0	52.3	50.3	64.6	60.1	59.4	55.0	55.3	53.6	49.4	46.0	38.5	29.8	22.3
T/R	40	37	35	32	31	30	28	36	33	33	30	31	30	27	27	21	16	12
KW	4.88	4.74	4.60	4.47	4.40	4.31	4.19	6.67	6.40	7.05	6.76	7.15	7.04	6.77	6.74	5.46	4.35	3.53
AMPS	18.4	17.7	17.2	16.6	16.3	16.0	15.5	26.4	25.3	27.6	26.4	28.1	27.6	26.5	26.1	20.6	15.7	12.1
COP	4.30	4.14	4.00	3.84	3.63	3.56	3.52	2.84	2.75	2.47	2.38	2.27	2.23	2.14	2.00	2.07	2.00	1.85
Hi PR	410	394	380	367	359	354	343	382	368	370	356	356	350	338	333	307	283	263
LO PR	141	130	119	109	103	100	91	77	70	59	53	48	46	41	39	36	33	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

GZV7SA2410A* + AHVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	42.4	38.5	35.4	32.8	31.4	30.6	28.7	Same as normal heating mode
T/R	55	50	45	42	40	39	37	
KW	3.72	3.53	3.37	3.25	3.18	3.15	3.06	
AMPS	14.7	13.8	13.2	12.6	12.4	12.2	11.8	
COP	3.34	3.20	3.07	2.96	2.89	2.85	2.75	
Hi PR	425	403	384	369	361	356	345	
LO PR	150	132	118	107	101	97	89	

GZV7SA3610A* + AHVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	68.6	69.5	63.3	58.1	55.4	53.7	49.9	Same as normal heating mode
T/R	50	51	47	43	41	39	37	
KW	5.64	6.56	6.12	5.78	5.62	5.52	5.32	
AMPS	21.9	25.7	23.9	22.5	21.8	21.4	20.6	
COP	3.57	3.10	3.03	2.95	2.89	2.85	2.75	
Hi PR	460	462	431	408	397	391	378	
LO PR	147	125	109	97	90	87	78	

GZV7SA4210A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	67.8	68.0	68.7	63.3	60.5	58.9	55.1	Same as normal heating mode
T/R	54	54	54	50	48	46	43	
KW	5.55	6.25	7.14	6.73	6.54	6.43	6.19	
AMPS	22.5	25.5	29.4	27.6	26.8	26.3	25.3	
COP	3.58	3.19	2.82	2.76	2.71	2.68	2.61	
Hi PR	460	457	455	431	419	412	396	
LO PR	149	129	110	97	91	87	80	

GZV7SA4810A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	73.6	73.8	74.5	68.6	65.6	63.8	59.7	Same as normal heating mode
T/R	52	52	53	48	46	45	42	
KW	6.01	6.77	7.73	7.29	7.09	6.97	6.71	
AMPS	22.5	25.5	29.4	27.6	26.8	26.3	25.3	
COP	3.59	3.20	2.82	2.76	2.71	2.68	2.61	
Hi PR	458	454	452	428	417	410	394	
LO PR	149	130	110	97	91	88	80	

GZV7SA6010A* + AHVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	79.8	74.8	75.0	70.1	54.0	69.9	69.3	Same as normal heating mode
T/R	45	42	42	39	38	39	39	
KW	6.04	5.81	6.34	6.09	5.95	6.56	6.95	
AMPS	18.4	17.7	17.2	16.6	16.3	16.0	15.5	
COP	3.87	3.77	3.47	3.37	2.66	3.12	2.92	
Hi PR	410	394	380	367	359	354	343	
LO PR	141	130	119	109	103	100	91	

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

GZV7SA2410A* + AHVE36CP1300A*

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	10.3	1.75	10.0	1.74	9.9	1.78	9.5	1.73	9.5	1.76	9.4	1.81
-5	13.7	2.14	12.2	2.00	12.1	2.05	12.1	2.09	11.5	2.01	11.4	2.06
0	15.4	2.22	15.3	2.30	15.2	2.37	15.1	2.41	15.0	2.46	14.9	2.52
5	17.2	2.28	17.1	2.37	16.9	2.44	17.0	2.49	16.8	2.53	16.6	2.60
10	18.9	2.36	18.7	2.46	18.6	2.53	18.5	2.57	18.4	2.62	18.3	2.69
15	20.7	2.44	20.5	2.54	20.3	2.61	20.2	2.66	20.1	2.71	20.0	2.78
17	21.4	2.47	21.2	2.57	21.0	2.64	20.9	2.69	20.8	2.74	20.6	2.82
20	22.4	2.52	22.2	2.62	22.0	2.69	21.9	2.74	21.8	2.79	21.6	2.87
25	24.1	2.59	23.9	2.69	23.7	2.77	23.6	2.82	23.5	2.87	23.3	2.95
30	25.8	2.66	25.6	2.77	25.4	2.85	25.3	2.90	25.1	2.95	24.9	3.03
35	27.5	2.73	27.3	2.84	27.1	2.92	26.9	2.98	26.8	3.03	26.6	3.11
40	21.7	1.84	21.5	1.92	21.3	1.97	21.2	2.01	21.1	2.04	21.0	2.10
45	23.1	1.88	22.9	1.95	22.7	2.01	22.6	2.04	22.5	2.08	22.3	2.14
47	23.7	1.89	23.5	1.97	23.3	2.02	**23.2**	**2.06**	23.1	2.10	22.9	2.16
50	24.7	1.92	24.5	1.99	24.3	2.05	24.2	2.09	24.1	2.12	23.9	2.18
55	26.7	1.96	26.5	2.04	26.3	2.10	26.1	2.13	26.0	2.17	25.8	2.23
60	29.2	2.01	28.9	2.09	28.7	2.15	28.5	2.19	28.4	2.23	28.2	2.29
65	32.2	2.08	31.9	2.16	31.6	2.22	31.5	2.26	31.3	2.30	31.1	2.36

GZV7SA3610A* + AHVE48DP1300A*

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	13.2	2.24	13.1	2.33	13.0	2.39	12.9	2.44	12.9	2.48	12.2	2.41
-5	20.4	3.23	20.2	3.35	18.9	3.21	17.7	3.01	17.6	3.07	16.5	2.96
0	25.1	3.73	24.9	3.87	24.7	3.99	24.6	4.06	22.8	3.73	21.4	3.56
5	29.0	3.89	28.7	4.04	28.5	4.15	29.0	4.25	28.3	4.31	28.1	4.43
10	31.7	4.03	31.4	4.18	31.2	4.30	31.1	4.39	30.9	4.47	30.7	4.59
15	34.6	4.17	34.3	4.33	34.1	4.46	33.9	4.54	33.8	4.63	33.6	4.76
17	35.9	4.23	35.5	4.39	35.3	4.52	35.1	4.61	35.0	4.69	34.7	4.82
20	37.7	4.31	37.4	4.48	37.1	4.61	36.9	4.70	36.8	4.79	36.5	4.92
25	40.8	4.45	40.5	4.62	40.2	4.76	40.0	4.85	39.8	4.94	39.5	5.08
30	44.0	4.59	43.6	4.77	43.3	4.90	43.1	5.00	42.9	5.09	42.6	5.23
35	47.3	4.73	46.9	4.91	46.6	5.05	46.4	5.15	46.2	5.25	45.8	5.39
40	32.7	2.77	32.4	2.88	32.2	2.97	32.1	3.02	31.9	3.08	31.7	3.16
45	34.8	2.83	34.5	2.94	34.3	3.03	34.1	3.08	33.9	3.14	33.7	3.23
47	35.7	2.85	35.4	2.97	35.2	3.05	**35.0**	**3.11**	34.8	3.17	34.6	3.26
50	37.2	2.89	36.9	3.01	36.7	3.09	36.5	3.15	36.3	3.21	36.1	3.30
55	40.2	2.96	39.8	3.08	39.6	3.17	39.4	3.23	39.2	3.29	38.9	3.38
60	43.8	3.05	43.4	3.17	43.1	3.26	42.9	3.32	42.7	3.38	42.4	3.48
65	48.3	3.15	47.9	3.27	47.6	3.37	47.4	3.43	47.2	3.50	46.8	3.59

GZV7SA4210A* + 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	18.2	3.06	16.9	2.95	16.8	3.04	16.0	2.92	15.9	2.97	15.0	2.88
-5	24.1	3.80	22.5	3.65	22.4	3.75	20.9	3.53	20.8	3.59	19.4	3.43
0	27.7	4.01	27.4	4.17	27.2	4.28	27.1	4.36	27.0	4.44	25.3	4.21
5	31.3	4.18	31.0	4.34	30.8	4.46	31.0	4.54	30.5	4.62	30.3	4.75
10	34.7	4.42	34.4	4.59	34.1	4.71	34.0	4.80	33.8	4.89	33.5	5.02
15	38.3	4.66	38.0	4.84	37.7	4.98	37.6	5.07	37.4	5.16	37.1	5.30
17	39.8	4.76	39.5	4.94	39.2	5.08	39.0	5.17	38.8	5.27	38.5	5.41
20	42.0	4.90	41.7	5.09	41.4	5.23	41.2	5.33	41.0	5.42	40.7	5.57
25	45.7	5.12	45.3	5.32	45.0	5.47	44.8	5.57	44.6	5.67	44.2	5.82
30	49.2	5.32	48.8	5.53	48.5	5.68	48.2	5.78	48.0	5.89	47.6	6.05
35	52.7	5.51	52.2	5.72	51.9	5.88	51.6	5.99	51.4	6.10	51.0	6.26
40	38.4	3.24	38.1	3.36	37.9	3.46	37.7	3.52	37.5	3.58	37.2	3.68
45	40.8	3.32	40.4	3.44	40.2	3.54	40.0	3.60	39.8	3.67	39.5	3.77
47	41.8	3.35	41.5	3.48	41.2	3.58	**41.0**	**3.64**	40.8	3.71	40.5	3.81
50	43.6	3.41	43.2	3.54	42.9	3.63	42.7	3.70	42.5	3.77	42.2	3.87
55	46.9	3.51	46.5	3.64	46.2	3.75	46.0	3.81	45.8	3.88	45.4	3.99
60	51.1	3.64	50.6	3.78	50.3	3.88	50.1	3.95	49.8	4.02	49.5	4.13
65	56.3	3.79	55.8	3.94	55.4	4.05	55.1	4.12	54.9	4.20	54.5	4.31

GZV7SA2410A* + AHVE36CP1300A*

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	29.3	2.81	29.0	2.92	28.8	3.00	28.7	3.06	28.5	3.11	28.3	3.20
45	31.3	2.89	31.0	3.00	30.7	3.09	30.6	3.15	30.4	3.20	30.2	3.29
47	32.1	2.93	31.8	3.04	31.6	3.13	31.4	3.18	31.3	3.24	31.0	3.33
50	33.5	2.98	33.2	3.10	32.9	3.19	32.8	3.25	32.6	3.31	32.3	3.40
55	36.2	3.10	35.8	3.22	35.5	3.31	35.4	3.37	35.2	3.43	34.9	3.53
60	39.4	3.24	39.0	3.37	38.7	3.46	38.5	3.53	38.3	3.59	38.0	3.69
65	43.4	3.42	43.0	3.55	42.6	3.65	42.4	3.72	42.2	3.79	41.9	3.89

GZV7SA3610A* + AHVE48DP1300A*

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	50.9	4.88	50.4	5.07	50.1	5.22	49.9	5.32	49.6	5.42	49.3	5.57
45	54.8	5.07	54.3	5.27	53.9	5.42	53.7	5.52	53.4	5.63	53.1	5.78
47	56.5	5.16	56.0	5.36	55.6	5.51	55.4	5.62	55.1	5.72	54.7	5.88
50	59.3	5.31	58.8	5.51	58.4	5.67	58.1	5.78	57.8	5.89	57.4	6.05
55	64.6	5.62	64.0	5.84	63.6	6.00	63.3	6.12	63.0	6.23	62.5	6.41
60	70.9	6.03	70.3	6.26	69.8	6.44	69.5	6.56	65.5	5.95	61.3	5.53
65	78.7	6.57	73.6	5.99	68.9	5.53	68.6	5.64	64.0	5.12	59.9	4.76

GZV7SA4210A* + 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	56.2	5.70	55.7	5.92	55.4	6.08	55.1	6.19	54.8	6.31	54.4	6.47
45	60.1	5.92	59.6	6.14	59.2	6.31	58.9	6.43	58.6	6.55	58.2	6.72
47	61.8	6.02	61.2	6.25	60.8	6.42	60.5	6.54	60.2	6.66	59.8	6.84
50	64.6	6.19	64.0	6.43	63.6	6.61	63.3	6.73	63.0	6.85	62.5	7.03
55	70.2	6.57	69.5	6.82	69.1	7.01	68.7	7.14	65.5	6.62	61.2	6.13
60	77.3	7.09	73.2	6.66	72.7	6.85	68.0	6.25	64.3	5.81	60.5	5.45
65	82.2	6.99	76.4	6.44	68.1	5.45	67.8	5.55	63.8	5.14	54.5	4.31

GZV7SA4810A* + 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	19.7	3.32	19.5	3.45	18.2	3.29	17.3	3.16	17.3	3.21	15.5	2.93
-5	26.1	4.12	25.8	4.28	24.3	4.06	24.1	4.14	22.6	3.89	22.4	3.99
0	29.9	4.36	29.7	4.52	29.5	4.64	29.4	4.73	29.2	4.81	27.4	4.56
5	33.9	4.54	33.6	4.71	33.4	4.83	33.6	4.92	33.1	5.01	32.8	5.14
10	37.5	4.79	37.2	4.97	37.0	5.11	36.8	5.20	36.6	5.29	36.4	5.43
15	41.5	5.06	41.2	5.25	40.9	5.40	40.7	5.49	40.5	5.59	40.2	5.74
17	43.1	5.17	42.8	5.36	42.5	5.51	42.3	5.61	42.1	5.71	41.8	5.86
20	45.5	5.32	45.2	5.52	44.9	5.67	44.7	5.77	44.4	5.88	44.1	6.03
25	49.5	5.56	49.1	5.77	48.7	5.93	48.5	6.03	48.3	6.14	47.9	6.30
30	53.3	5.78	52.9	5.99	52.5	6.16	52.3	6.27	52.0	6.38	51.7	6.55
35	57.1	5.98	56.6	6.21	56.2	6.37	56.0	6.49	55.7	6.60	55.3	6.78
40	44.4	3.75	44.0	3.89	43.8	3.99	43.6	4.07	43.3	4.14	43.0	4.25
45	47.2	3.84	46.8	3.99	46.5	4.10	46.3	4.17	46.1	4.24	45.7	4.36
47	48.4	3.89	48.0	4.03	47.7	4.14	**47.5**	**4.22**	47.3	4.29	46.9	4.41
50	50.5	3.96	50.1	4.11	49.7	4.22	49.5	4.29	49.3	4.37	48.9	4.49
55	54.5	4.09	54.1	4.25	53.7	4.36	53.5	4.44	53.2	4.52	52.8	4.64
60	59.5	4.25	59.0	4.41	58.6	4.53	58.4	4.61	58.1	4.69	57.7	4.82
65	65.6	4.44	65.1	4.61	64.7	4.73	64.4	4.82	64.1	4.90	63.6	5.03

GZV7SA6010A* + 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	32.6	5.16	30.3	4.94	28.1	4.66	26.0	4.32	25.9	4.40	23.8	4.12
-5	37.9	5.71	35.3	5.46	33.0	5.17	30.7	4.83	30.5	4.92	28.1	4.60
0	42.1	5.91	41.6	6.13	41.3	6.31	38.6	5.91	36.1	5.55	35.8	5.70
5	47.2	6.20	46.7	6.44	46.3	6.62	46.0	6.74	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	58.9	6.90	58.3	7.16	57.8	7.37	57.5	7.50	57.2	7.64	53.3	7.23
20	62.1	7.09	61.4	7.37	60.9	7.57	56.9	7.10	56.6	7.23	56.1	7.43
25	67.2	7.43	66.5	7.71	62.0	7.30	61.7	7.44	61.3	7.57	57.2	7.17
30	68.1	7.16	67.4	7.43	66.8	7.64	62.5	7.18	62.1	7.31	61.6	7.51
35	73.1	7.50	68.0	7.18	67.4	7.38	67.1	7.52	66.7	7.66	61.8	7.22
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

GZV7SA4810A* + 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	60.9	6.19	60.4	6.42	60.0	6.59	59.7	6.71	59.4	6.83	59.0	7.01
45	65.1	6.42	64.5	6.66	64.1	6.84	63.8	6.97	63.5	7.09	63.1	7.28
47	66.9	6.53	66.4	6.78	65.9	6.96	65.6	7.09	65.3	7.21	64.8	7.40
50	69.9	6.72	69.4	6.97	68.9	7.16	68.6	7.29	68.3	7.42	67.8	7.62
55	76.0	7.13	75.4	7.40	74.9	7.60	74.5	7.73	71.0	7.17	66.4	6.64
60	83.7	7.70	79.4	7.22	78.9	7.42	73.8	6.77	69.8	6.29	65.7	5.91
65	89.0	7.57	82.9	6.97	78.1	6.50	73.6	6.01	64.1	4.90	63.6	5.03

GZV7SA6010A* + 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	87.2	7.69	81.6	7.22	80.9	7.43	80.5	7.57	80.0	7.71	74.6	7.11
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.

GZV7SA2410A* + AHVE36CP1300A*

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
800	61	272	56	276	60	283	67	290	74	297	81	281	92	289	100	292	103	298	109	309	121	323	136	341	154
	65	288	56	292	60	299	67	306	74	314	81	297	92	305	100	309	104	315	110	327	121	342	136	360	155
	68	300	56	304	60	311	67	319	74	327	81	310	92	318	100	322	104	328	110	340	122	356	137	375	155
	70	308	56	312	60	319	67	327	74	335	81	318	92	326	100	330	104	337	110	349	122	365	137	385	156
	72	316	56	320	60	328	67	336	74	344	81	326	93	335	101	339	104	346	110	359	122	375	137	395	156
	75	328	56	333	61	341	67	349	74	358	81	339	93	348	101	352	104	359	110	373	122	390	137	411	156

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

GZV7SA3610A* + AHVE48DP1300A*

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
1260	61	289	50	296	53	305	58	315	64	324	70	288	87	295	94	298	98	303	103	314	114	327	128	343	145
	65	306	50	312	53	323	59	333	64	342	71	304	87	312	95	315	98	320	104	331	115	345	129	363	146
	68	318	50	325	54	336	59	346	65	357	71	317	88	324	95	328	98	334	104	345	115	360	129	378	146
	70	327	51	334	54	345	59	356	65	366	71	326	88	333	95	337	99	343	104	355	115	370	129	388	147
	72	336	51	343	54	355	59	365	65	376	71	334	88	342	95	346	99	352	104	364	116	379	130	399	147
	75	349	51	357	54	369	59	380	65	391	71	348	88	356	96	360	99	366	105	379	116	395	130	415	147

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

GZV7SA4210A* + 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
1320	61	300	53	307	56	318	62	329	68	341	73	311	88	319	96	324	99	330	105	344	117	361	132	382	150
	65	315	53	323	57	335	62	347	68	359	73	327	88	336	96	341	100	348	106	362	117	380	132	402	150
	68	328	53	335	57	348	63	360	68	373	74	339	89	349	96	354	100	361	106	376	118	394	132	418	151
	70	336	53	343	57	356	63	369	68	382	74	348	89	358	97	363	100	370	106	385	118	404	133	428	151
	72	344	53	352	57	365	63	378	68	392	74	357	89	367	97	372	100	379	106	395	118	414	133	439	151
	75	357	54	365	57	378	63	392	69	406	74	370	89	380	97	385	101	393	107	409	118	429	133	455	152

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

GZV7SA4810A* + 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	298	53	305	57	316	62	328	68	339	74	311	87	320	94	324	98	331	104	346	116	363	131	385	148
	65	314	53	321	57	333	63	345	68	357	74	327	87	337	95	341	98	349	104	364	116	382	131	405	149
	68	326	54	333	57	346	63	358	68	371	74	340	87	350	95	354	99	362	105	377	117	397	131	421	149
	70	334	54	342	57	354	63	367	69	380	74	348	87	358	95	363	99	371	105	387	117	407	132	431	150
	72	342	54	350	57	363	63	376	69	389	74	357	87	367	95	372	99	380	105	396	117	417	132	442	150
	75	354	54	363	57	376	63	390	69	403	75	369	88	380	96	386	99	394	105	411	117	432	132	458	150

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

GZV7SA6010A* + DFVE60DP1300A*

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.

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	67	57.9	58.4	62.9	61.1	55.1	48.3	41.2
3-ton	71	60.3	64.5	65.2	65.8	60.9	54.4	48.1
3.5-ton	73	62.9	66.4	67.0	67.4	63.0	58.9	50.6
4-ton	73	62.9	66.4	67.0	67.4	63.0	58.9	50.6
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	70	56.6	61.8	65.8	64.9	58.7	52.4	45.0
3-ton	72	62.0	62.6	66.2	67.4	62.8	57.4	51.6
3.5-ton	73	61.7	65.0	67.4	67.5	63.0	57.8	52.1
4-ton	73	61.7	65.0	67.4	67.5	63.0	57.8	52.1
5-ton	77	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

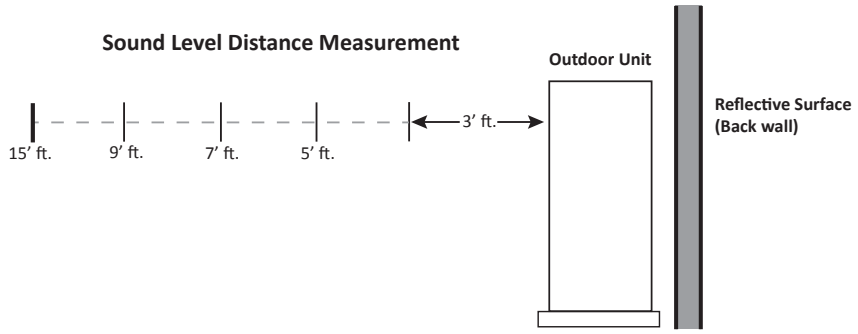
Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2	Capacity Decrease
2-ton	LV.1	65	51	~5%
	LV.2	62	48	~15%
	LV.3	59	45	~35%
3-ton	LV.1	67	55	~5%
	LV.2	62	50	~30%
	LV.3	57	45	~35%
3.5-ton	LV.1	68	55	~5%
	LV.2	63	50	~25%
	LV.3	58	45	~35%
4.0-ton	LV.1	68	55	~5%
	LV.2	63	50	~30%
	LV.3	58	45	~45%
5-ton	LV.1	72	56	~5%
	LV.2	69	53	~25%
	LV.3	66	45	~50%

[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	Capacity Decrease
2-ton	LV.1	67	53	~5%
	LV.2	64	50	~15%
	LV.3	59	45	~40%
3-ton	LV.1	67	55	~5%
	LV.2	62	50	~25%
	LV.3	57	45	~50%
3.5-ton	LV.1	68	55	~5%
	LV.2	63	50	~40%
	LV.3	58	45	~45%
4.0-ton	LV.1	68	55	~10%
	LV.2	63	50	~45%
	LV.3	58	45	~50%
5-ton	LV.1	72	56	~5%
	LV.2	69	53	~25%
	LV.3	66	45	~45%

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



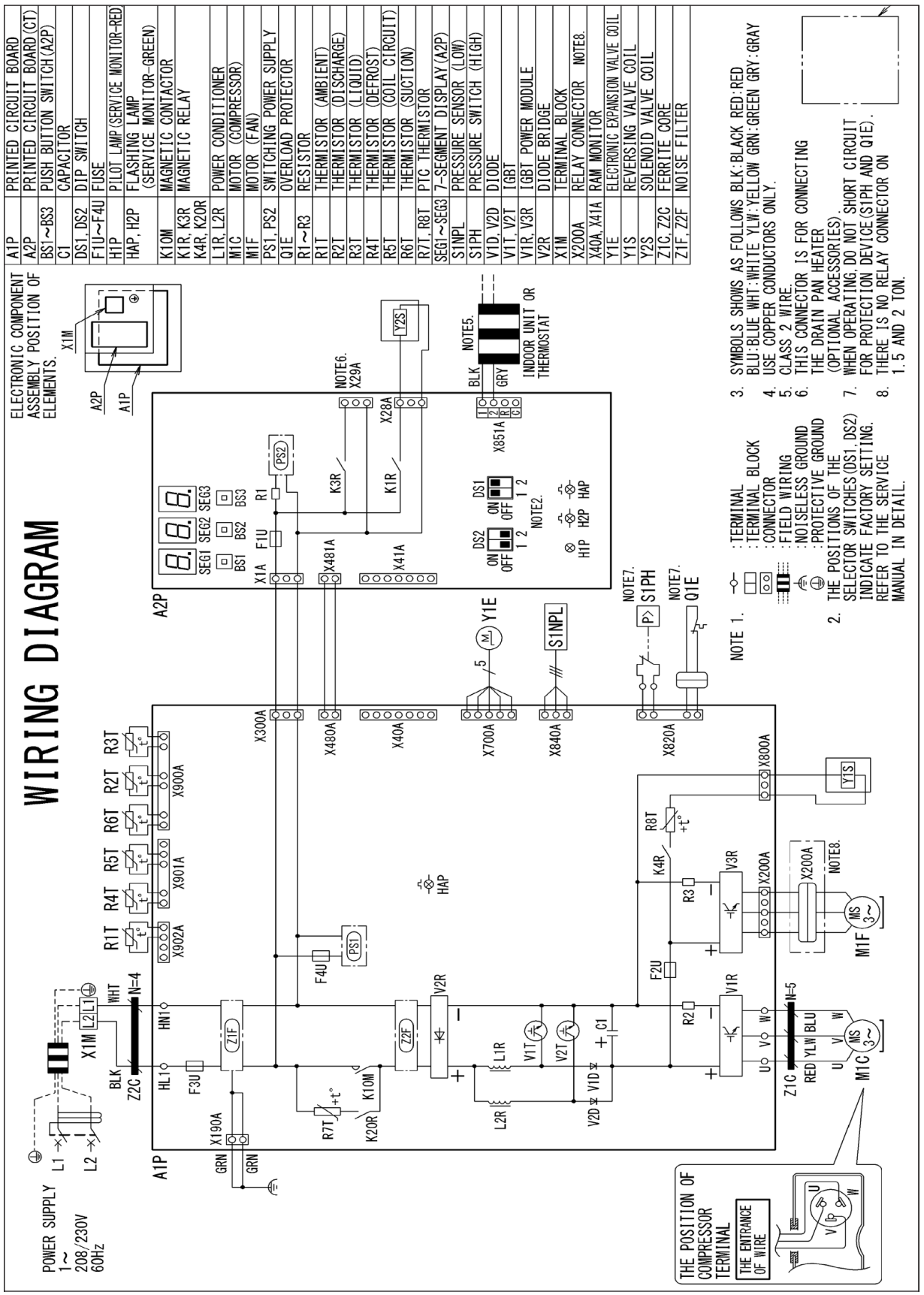
		Sound Pressure (dBA) Cooling Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
2.0 Ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
3.0 Ton	0	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56
3.5 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58
4.0 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58
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	63	58	55	53	49
	1	66	61	58	56	52
	2	69	64	61	59	55
3.0 Ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
3.5 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58
4.0 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58
5.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62

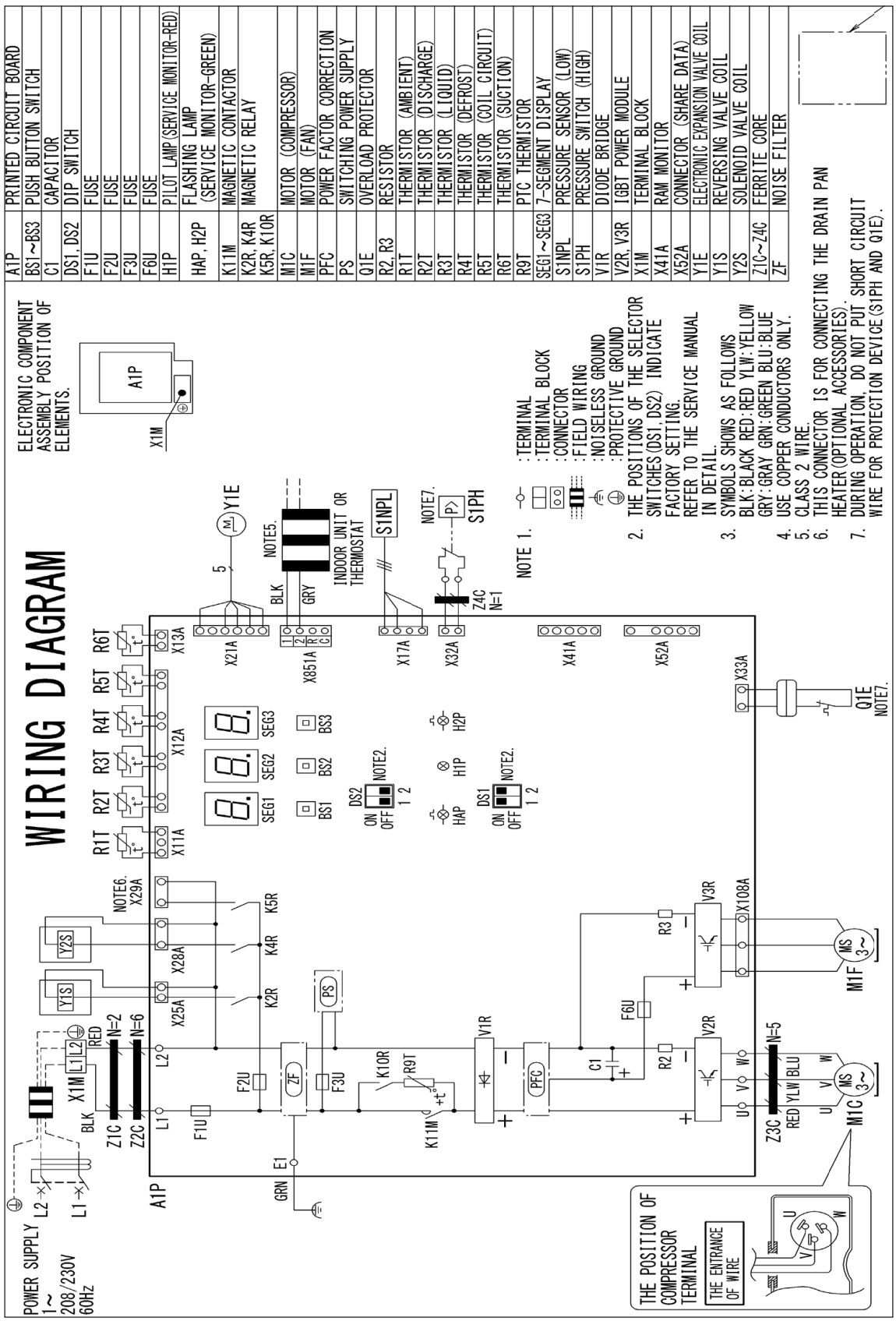
[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

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



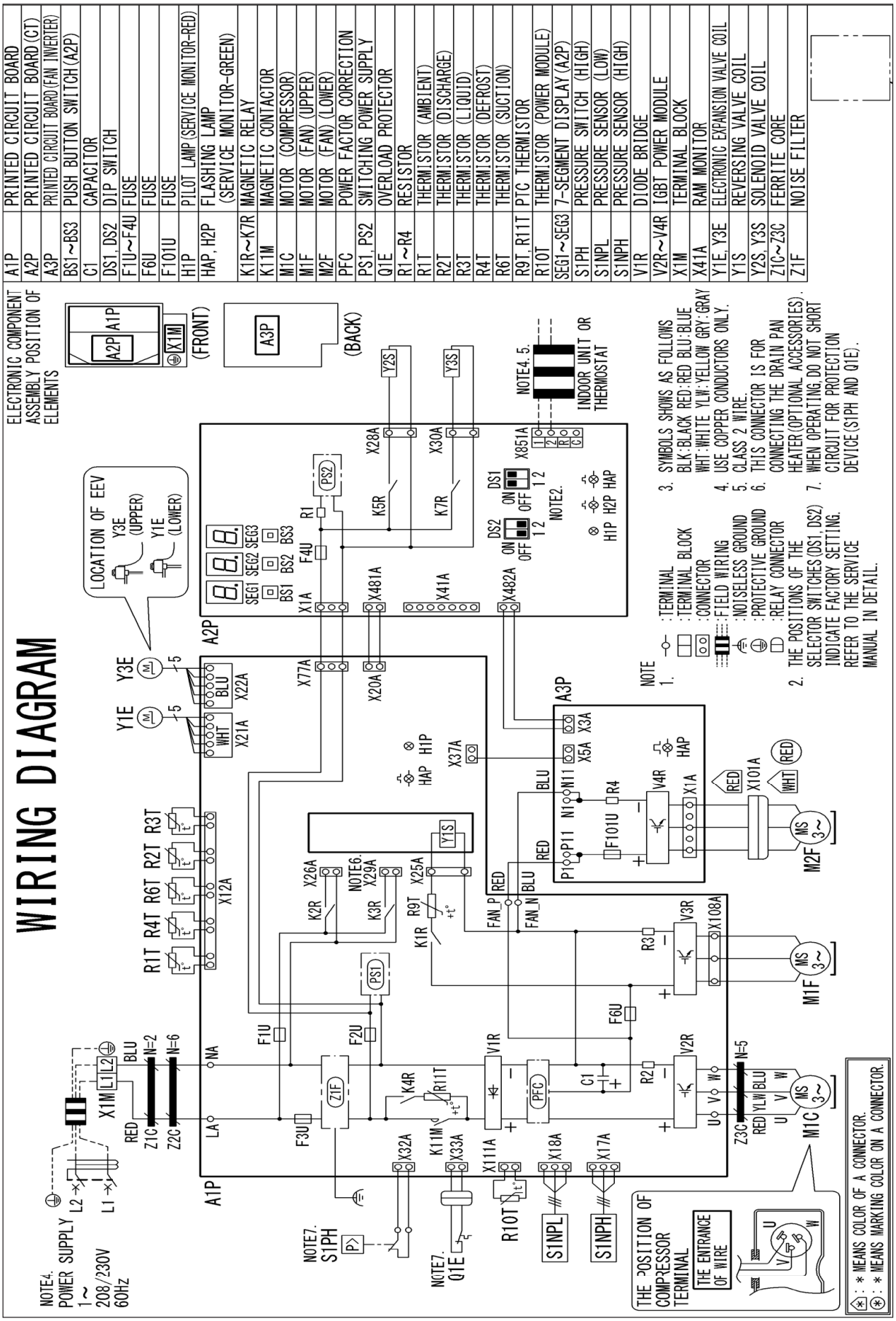
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

⚠ 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.

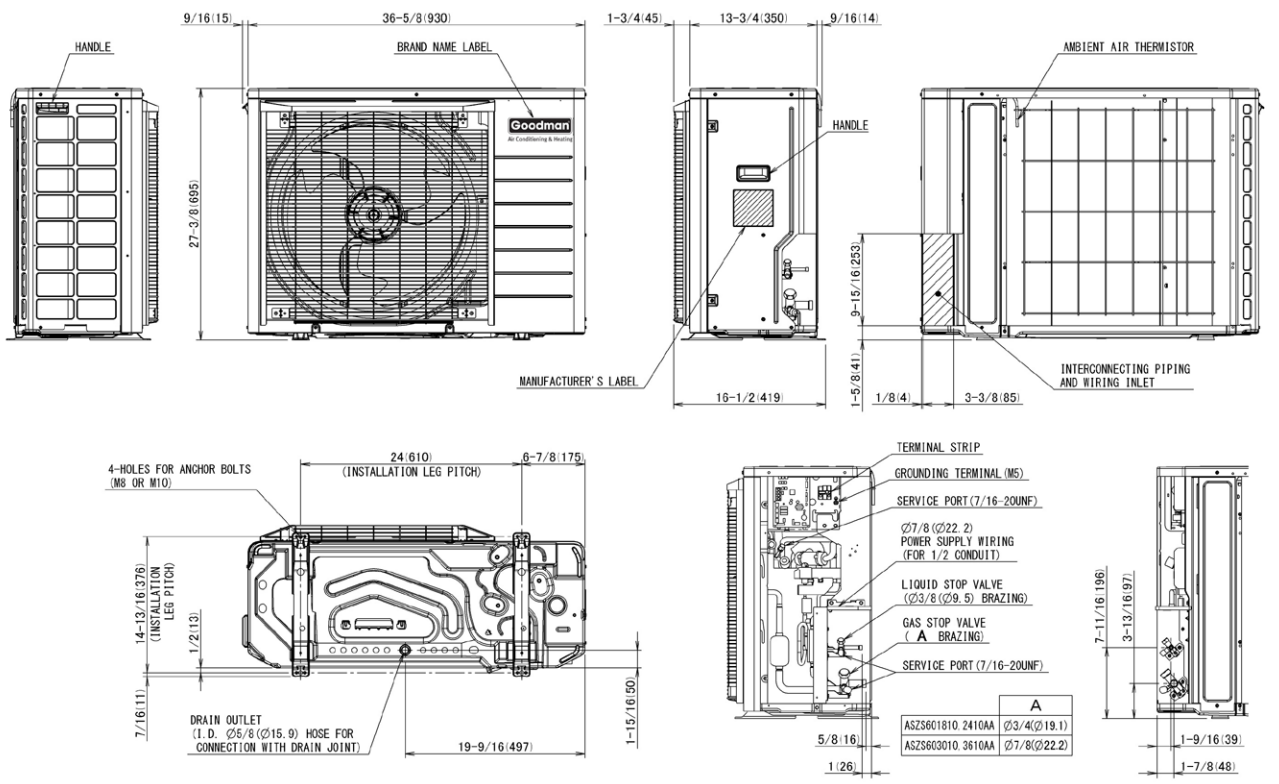
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



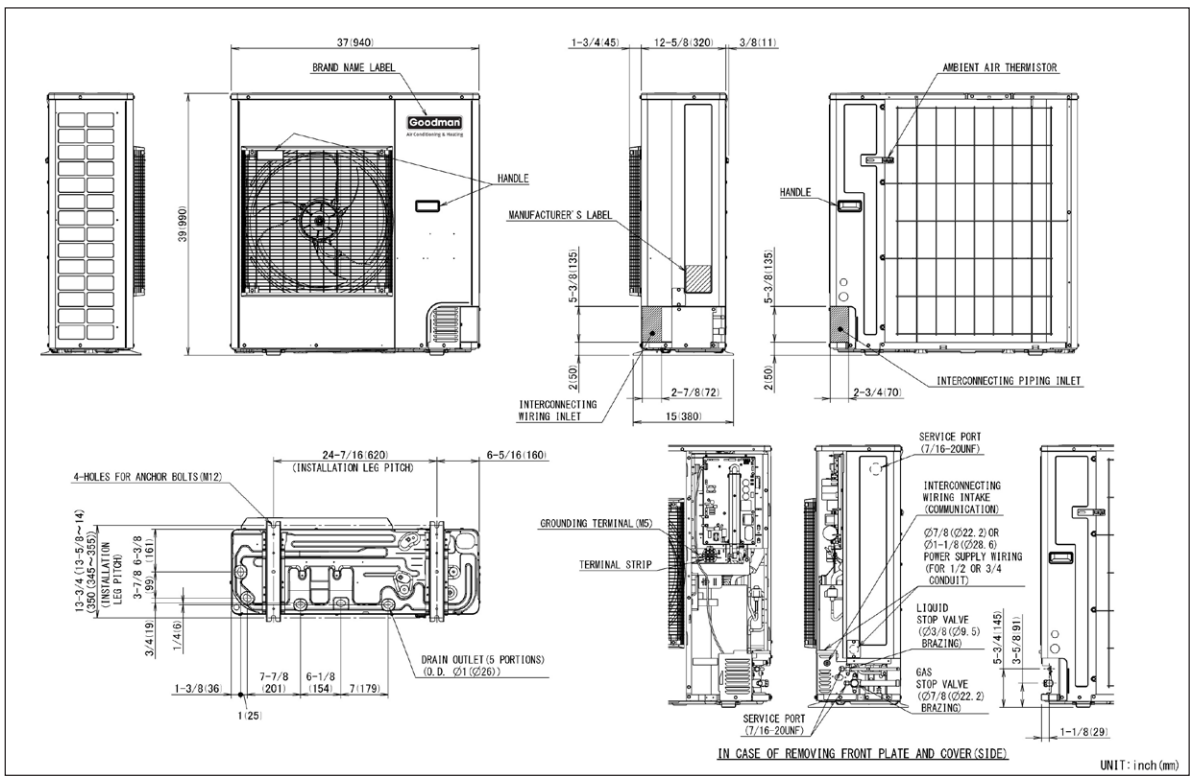
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

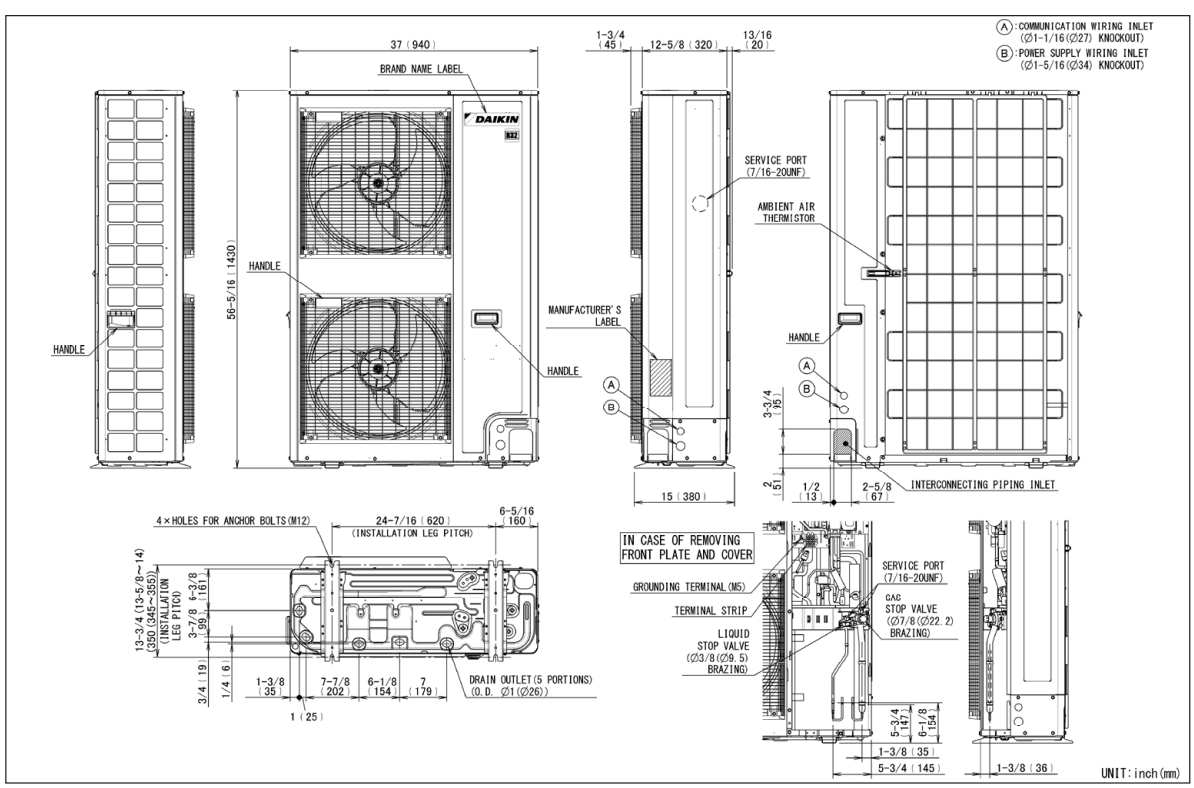
WARNING | ***High Voltage:*** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

MODEL	DIMENSIONS		
	W"	D"	H"
GZV7SA2410A*	36⅝	13¾	27⅜



MODEL	DIMENSIONS		
	W"	D"	H"
GZV7SA3610A*	37	12⅝	39
GZV7SA4210A*	37	12⅝	39
GZV7SA4810A*	37	12⅝	39
GZV7SA6010A*	37	12⅝	$56^{5}/_{16}$





MODEL	DESCRIPTION	GZV7SA 2410A*	GZV7SA 3610A*	GZV7SA 4210A*	GZV7SA 4810A*	GZV7SA 6010A*
KPW5G112	Wind Baffle	X	X	X	X	X[2] (2)
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	
3K020967-2 [1]	Snow Guard Front					X
3P434587-5 [1]	Snow Guard Rear					X
3P434588-1 [1]	Snow Guard Side					X
0270R02063 (130-DK-017)	Hail Guard					X
KEH3P648291	Drain Pan Heater					X
DSEN-HAQA	Daikin One Home Air Monitor					X
DTA119A73	D24V Gateway	X	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.