DAIKIN

MULTI-FAMILY DH6VSA*M

FIT

UP TO 16.5 SEER2 & 8.5 HSPF2
1 TO 3 TONS

DAIKIN *FIT FOR MULTI-FAMILY APPLICATIONS*
HIGH-EFFICIENCY, COMMUNICATING, VARIABLE-SPEED, INVERTER DRIVE SIDE DISCHARGE R-32 SPLIT SYSTEM HEAT PUMP

Contents

R32

Standard Features

- Daikin variable-speed swing compressor
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Daikin *One*+ smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- Intelligent Defrost Mode
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin 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
- Muffler on 1.0 - 3.0 - ton models
- Sweat connection service valves with easy access to gauge ports
- Advanced water-shedding drain pan
- Hot start technology
- AHRI Certified; ETL Listed

Cabinet Features

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

Most Efficient 2025 ENERGY STAR www.energystar.gov

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. EPA has not changed the requirement for Energy Star Most efficient for 2026 and hence they do not have a mark of Most Efficient 2026. However, products noted as Most Efficient 2025 comply with EPA requirements in 2026.

* 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.

12 YEAR UNIT REPLACEMENT LIMITED WARRANTY

12 YEAR PARTS LIMITED WARRANTY

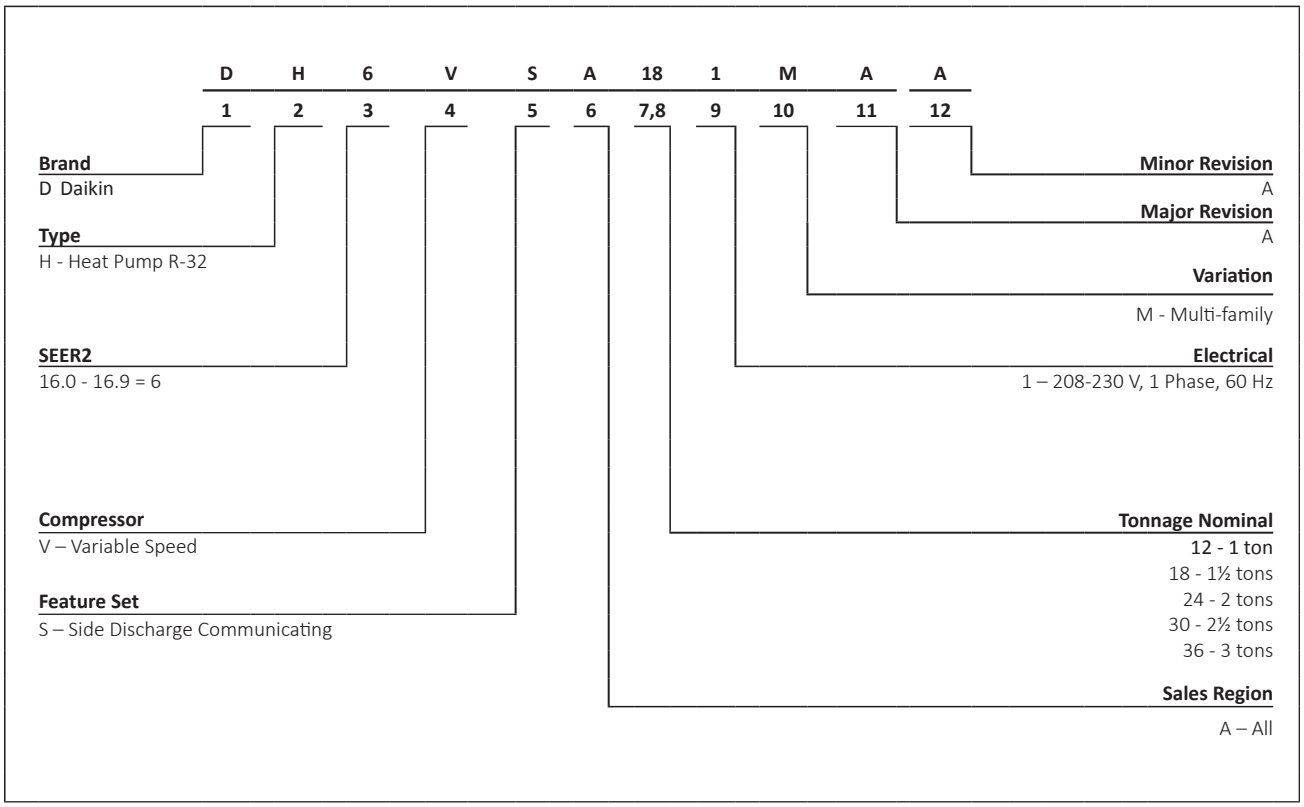
C ETL LISTED US Intertek

AHRI CERTIFIED

ISO 9001

ISO 14001 CERTIFIED

* Complete warranty available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Unit Replacement Limited Warranty and 12-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. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions. Additional requirements for annual maintenance are required for the 12-Year Unit Replacement Limited Warranty. 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.


D H 6 V S A 18 1 M A A
1 2 3 4 5 6 7,8 9 10 11 12
Brand
D Daikin
Type
H - Heat Pump R-32
SEER2
16.0 - 16.9 = 6
Compressor
V – Variable Speed
Feature Set
S – Side Discharge Communicating
Tonnage Nominal
12 - 1 ton
18 - 1½ tons
24 - 2 tons
30 - 2½ tons
36 - 3 tons
Sales Region
A – All
Variation
M - Multi-family
Electrical
1 – 208-230 V, 1 Phase, 60 Hz
Minor Revision
A
Major Revision
A

	DH6VSA 121MA*	DH6VSA 181MA*	DH6VSA 241MA*	DH6VSA 301MA*	DH6VSA 361MA*
CAPACITIES (AHRI RATED)					
Max. Cooling (BTU/h)-95F	11,500	17,000	21,600	28,400	34,000
Max. Heating (BTU/h)-47F	12,000	17,200	21,600	25,600	34,400
Max. Heating (BTU/h)-5F	11,000	13,000	14,000	16,600	17,600
AMBIENT OPERATION RANGE					
Cooling (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)				
Heating (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1)				
COMPRESSOR					
Type	Swing	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR					
Horsepower	0.09	0.09	0.09	0.20	0.20
REFRIGERATION SYSTEM					
Refrigerant Line Size[1]					
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	⅝"	⅝"	⅝"	¾"	¾"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	¾"	¾"	¾"	⅞"	⅞"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front Sealing
Refrigerant Charge (oz.)	74	74	74	76	83
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 [4]	7±1°F	7±1°F	8±1°F	8±1°F	9±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	8.1	8.1	13.3	17.6	17.6
Minimum Circuit Ampacity[2]	12.8	12.8	16.8	22.4	22.4
Max. Overcurrent Protection[3]	15	15	20	25	25
Min / Max Volts	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½"	½"	½"	½"	½"
EQUIPMENT WEIGHT (LBS)	122	122	122	132	137
SHIP WEIGHT (LBS)	137	137	137	147	151
ENERGY STAR® CERTIFIED	YES	YES	NO	NO	NO

[1] Tested and rated in accordance with AHRI Standard 210/240

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

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

[4] This subcooling is based on charge verification test.

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
1.0	x	x	x	x*1	x		
1.5	x	x	x	x*1	x		
2.0		x	x	x*1	x		
2.5		x	x		x*1	x	
3.0		x	x		x*1	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 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	380	MBh	12.5	12.6	13.0		12.1	12.3	12.6		11.5	11.7	12.0		10.7	10.9	11.3		9.9	10.0	10.4		9.1	9.2	9.6	
		S/T	0.59	0.51	0.38		0.60	0.52	0.38		0.62	0.55	0.41		0.64	0.56	0.43		0.66	0.59	0.45		1.00	0.64	0.50	
		ΔT	20	18	15		19	17	14		19	17	14		18	16	13		17	15	12		17	15	12	
		kW	0.66	0.66	0.65		0.77	0.77	0.77		0.90	0.90	0.90		1.05	1.05	1.05		1.22	1.22	1.22		1.42	1.42	1.42	
		Amps	2.4	2.4	2.4		2.9	2.9	2.9		3.5	3.5	3.5		4.1	4.1	4.1		4.9	4.9	4.9		5.8	5.8	5.8	
		Hi PR	238	239	241		277	278	280		319	320	322		365	366	367		414	415	417		467	468	470	
		Lo PR	133	137	145		137	141	149		140	143	151		141	144	152		141	145	153		143	147	154	
	450	MBh	12.6	12.8	13.2		12.3	12.4	12.8		11.7	11.9	12.2		10.9	11.1	11.4		10.0	10.2	10.5		9.3	9.4	9.7	
		S/T	0.67	0.59	0.45		0.67	0.60	0.46		0.70	0.62	0.49		0.72	0.64	0.50		1.00	0.66	0.53		1.00	0.71	0.58	
		ΔT	19	17	14		18	16	13		17	16	13		16	15	12		15	14	11		16	14	11	
		kW	0.66	0.66	0.66		0.78	0.78	0.77		0.91	0.91	0.91		1.06	1.05	1.05		1.23	1.22	1.22		1.43	1.43	1.43	
		Amps	2.4	2.4	2.4		2.9	2.9	2.9		3.5	3.5	3.5		4.2	4.2	4.2		4.9	4.9	4.9		5.8	5.8	5.8	
		Hi PR	240	241	243		280	281	283		322	323	324		367	368	370		417	418	419		470	471	473	
		Lo PR	135	139	147		139	143	151		142	146	153		143	147	154		144	147	155		145	149	157	
	520	MBh	12.9	13.1	13.4		12.5	12.7	13.0		11.9	12.1	12.5		11.1	11.3	11.7		10.3	10.4	10.8		9.5	9.6	10.0	
		S/T	0.70	0.63	0.49		0.71	0.63	0.50		1.00	0.66	0.52		1.00	0.68	0.54		1.00	0.70	0.56		1.00	0.75	0.62	
		ΔT	18	16	12		17	15	12		16	15	12		15	14	11		14	13	10		15	13	10	
		kW	0.67	0.67	0.66		0.78	0.78	0.78		0.91	0.91	0.91		1.06	1.06	1.06		1.23	1.23	1.23		1.43	1.43	1.43	
		Amps	2.5	2.5	2.5		3.0	3.0	3.0		3.5	3.5	3.5		4.2	4.2	4.2		4.9	4.9	4.9		5.8	5.8	5.8	
		Hi PR	243	244	245		282	283	285		324	325	327		370	371	372		419	420	422		472	473	475	
		Lo PR	138	142	150		142	146	154		144	148	156		145	149	157		146	150	157		147	151	159	
75	380	MBh	12.5	12.6	13.0	13.6	12.1	12.3	12.6	13.2	11.5	11.7	12.0	12.6	10.7	10.9	11.3	11.8	9.9	10.0	10.4	10.9	9.1	9.2	9.6	10.1
		S/T	0.72	0.64	0.51	0.36	1.00	0.65	0.51	0.37	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.77	0.63	0.49
		ΔT	24	22	19	15	23	21	18	15	22	21	18	14	21	20	16	13	20	18	16	13	20	18	16	13
		kW	0.66	0.66	0.65	0.66	0.77	0.77	0.77	0.77	0.90	0.90	0.90	0.91	1.05	1.05	1.05	1.05	1.22	1.22	1.22	1.22	1.42	1.42	1.42	1.43
		Amps	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9	3.5	3.5	3.5	3.5	4.1	4.1	4.1	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	238	239	241	245	278	279	280	284	319	320	322	326	365	366	368	372	414	415	417	421	468	469	470	475
		Lo PR	133	137	145	157	137	141	149	162	140	143	151	164	141	144	152	165	142	145	153	165	143	147	154	167
	450	MBh	12.7	12.8	13.2	13.8	12.3	12.5	12.8	13.4	11.7	11.9	12.2	12.8	10.9	**11.1**	11.4	12.0	10.1	10.2	10.6	11.1	9.3	9.4	9.8	10.3
		S/T	1.00	0.72	0.58	0.44	1.00	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	**0.77**	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.84	0.71	0.56
		ΔT	23	21	18	14	22	20	17	13	21	19	16	13	20	**18**	15	12	19	17	14	11	19	17	15	12
		kW	0.66	0.66	0.66	0.67	0.78	0.77	0.77	0.78	0.91	0.91	0.90	0.91	1.05	**1.05**	1.05	1.06	1.22	1.22	1.22	1.23	1.43	1.43	1.42	1.43
		Amps	2.4	2.4	2.4	2.5	2.9	2.9	2.9	3.0	3.5	3.5	3.5	3.5	4.2	**4.2**	4.1	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	240	242	243	247	280	281	283	287	322	323	325	329	367	**368**	370	374	417	418	420	424	470	471	473	477
		Lo PR	135	139	147	160	139	143	151	164	142	146	153	166	143	**147**	155	167	144	147	155	168	145	149	157	169
	520	MBh	12.9	13.1	13.4	14.0	12.5	12.7	13.1	13.6	11.9	12.1	12.5	13.0	11.1	11.3	11.7	12.2	10.3	10.4	10.8	11.3	9.5	9.6	10.0	10.5
		S/T	1.00	0.76	0.62	0.48	1.00	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.69	0.55	1.00	0.88	0.74	0.60
		ΔT	22	20	16	13	21	19	16	12	20	18	15	12	19	17	14	11	18	16	13	10	18	16	14	11
		kW	0.67	0.66	0.66	0.67	0.78	0.78	0.78	0.78	0.91	0.91	0.91	0.92	1.06	1.06	1.06	1.06	1.23	1.23	1.23	1.23	1.43	1.43	1.43	1.44
		Amps	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.6	4.2	4.2	4.2	4.2	4.9	4.9	4.9	5.0	5.8	5.8	5.8	5.8
		Hi PR	243	244	246	250	282	283	285	289	324	325	327	331	370	371	373	377	419	420	422	426	473	474	475	480
		Lo PR	138	142	150	163	142	146	154	167	144	148	156	169	145	149	157	170	146	150	157	170	147	151	159	172

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	380	MBh	12.5	12.7	13.1	13.6	12.2	12.3	12.7	13.2	11.6	11.8	12.1	12.7	10.8	11.0	11.3	11.9	9.9	10.1	10.4	11.0	9.1	9.3	9.6	10.1
		S/T	1.00	0.77	0.63	0.49	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.76	0.61
		ΔT	28	26	23	19	27	25	22	19	26	24	21	18	25	23	20	17	23	22	19	16	23	22	19	16
		kW	0.66	0.66	0.65	0.66	0.77	0.77	0.77	0.77	0.90	0.90	0.90	0.91	1.05	1.05	1.05	1.05	1.22	1.22	1.22	1.22	1.42	1.42	1.42	1.43
		Amps	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9	3.5	3.5	3.5	3.5	4.1	4.1	4.1	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	238	240	241	245	278	279	281	285	320	321	323	327	365	366	368	372	415	416	418	422	468	469	471	475
		Lo PR	134	137	145	158	138	141	149	162	140	144	152	165	141	145	153	166	142	146	153	166	144	147	155	168
	450	MBh	12.7	12.9	13.3	13.8	12.3	12.5	12.9	13.4	11.8	11.9	12.3	12.8	11.0	11.1	**11.5**	12.0	10.1	10.3	10.6	11.1	9.3	9.5	9.8	10.3
		S/T	1.00	0.84	0.71	0.57	1.00	0.85	0.71	0.57	1.00	1.00	0.74	0.60	1.00	1.00	**0.76**	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69
		ΔT	27	25	22	18	26	24	21	17	25	23	20	17	23	22	**19**	16	22	21	18	15	22	21	18	15
		kW	0.66	0.66	0.66	0.67	0.78	0.78	0.77	0.78	0.91	0.91	0.91	0.91	1.06	1.05	**1.05**	1.06	1.22	1.22	1.22	1.23	1.43	1.43	1.43	1.43
		Amps	2.4	2.4	2.4	2.5	2.9	2.9	2.9	3.0	3.5	3.5	3.5	3.5	4.2	4.2	**4.2**	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	241	242	244	248	280	281	283	287	322	323	325	329	368	369	**371**	375	417	418	420	424	471	472	473	478
		Lo PR	136	140	148	161	140	144	152	165	142	146	154	167	143	147	**155**	168	144	148	156	168	146	149	157	170
	520	MBh	13.0	13.1	13.5	14.1	12.6	12.8	13.1	13.7	12.0	12.2	12.5	13.1	11.2	11.4	11.7	12.3	10.3	10.5	10.8	11.4	9.5	9.7	10.0	10.5
		S/T	1.00	0.88	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73
		ΔT	26	24	21	17	25	23	20	16	24	22	19	16	23	21	18	15	21	20	17	14	21	20	17	14
		kW	0.67	0.67	0.66	0.67	0.78	0.78	0.78	0.78	0.91	0.91	0.91	0.92	1.06	1.06	1.06	1.06	1.23	1.23	1.23	1.23	1.43	1.43	1.43	1.44
		Amps	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.6	4.2	4.2	4.2	4.2	4.9	4.9	4.9	5.0	5.8	5.8	5.8	5.8
		Hi PR	243	244	246	250	283	284	286	290	325	326	327	332	370	371	373	377	420	421	422	427	473	474	476	480
		Lo PR	139	142	150	164	142	146	154	167	145	149	157	170	146	150	158	171	146	150	158	171	148	152	159	172
85	380	MBh	12.7	12.9	13.3	13.9	12.4	12.5	12.9	13.5	11.8	12.0	12.3	12.9	11.0	11.2	11.5	12.0	10.1	10.3	10.6	11.2	9.3	9.5	9.8	10.3
		S/T	1.00	1.00	0.73	0.59	1.00	1.00	0.74	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.86	0.71
		ΔT	32	30	27	23	30	29	25	22	29	28	25	21	28	26	23	20	26	25	22	19	26	24	22	19
		kW	0.66	0.66	0.66	0.66	0.77	0.77	0.77	0.78	0.90	0.90	0.90	0.91	1.05	1.05	1.05	1.06	1.22	1.22	1.22	1.23	1.42	1.42	1.42	1.43
		Amps	2.4	2.4	2.4	2.4	2.9	2.9	2.9	2.9	3.5	3.5	3.5	3.5	4.1	4.1	4.1	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	240	241	242	246	279	280	282	286	321	322	324	328	366	367	369	373	416	417	419	423	469	470	472	476
		Lo PR	136	139	147	160	139	143	151	164	142	146	154	167	143	147	155	168	144	147	155	168	145	149	157	169
	450	MBh	12.9	13.1	13.5	14.0	12.5	12.7	13.1	13.6	12.0	12.1	12.5	13.0	11.2	11.3	11.7	12.2	10.3	10.5	10.8	11.3	9.5	9.7	10.0	10.5
		S/T	1.00	1.00	0.81	0.67	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.79
		ΔT	31	29	25	22	29	27	24	21	28	26	23	20	27	25	22	19	25	24	21	18	25	23	21	18
		kW	0.66	0.66	0.66	0.67	0.78	0.78	0.78	0.78	0.91	0.91	0.91	0.91	1.06	1.06	1.05	1.06	1.23	1.23	1.22	1.23	1.43	1.43	1.43	1.43
		Amps	2.5	2.4	2.4	2.5	3.0	2.9	2.9	3.0	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.2	4.9	4.9	4.9	4.9	5.8	5.8	5.8	5.8
		Hi PR	242	243	245	249	282	283	284	288	323	324	326	330	369	370	372	376	418	419	421	425	472	473	475	479
		Lo PR	138	142	150	163	142	146	154	167	144	148	156	169	145	149	157	170	146	150	157	170	147	151	159	172
	520	MBh	13.2	13.3	13.7	14.3	12.8	13.0	13.3	13.9	12.2	12.4	12.7	13.3	11.4	11.6	11.9	12.5	10.5	10.7	11.0	11.6	9.7	9.9	10.2	10.7
		S/T	1.00	1.00	0.85	0.70	1.00	1.00	0.85	0.71	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.83
		ΔT	29	28	24	21	28	26	23	20	27	25	22	19	26	24	21	18	24	23	20	17	24	22	20	17
		kW	0.67	0.67	0.67	0.67	0.78	0.78	0.78	0.79	0.91	0.91	0.91	0.92	1.06	1.06	1.06	1.07	1.23	1.23	1.23	1.24	1.43	1.43	1.43	1.44
		Amps	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.6	4.2	4.2	4.2	4.2	4.9	4.9	4.9	5.0	5.8	5.8	5.8	5.9
		Hi PR	244	245	247	251	284	285	287	291	326	327	329	333	371	372	374	378	421	422	424	428	474	475	477	481
		Lo PR	141	144	152	166	144	148	156	170	147	151	159	172	148	151	159	173	148	152	160	173	150	153	161	174

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	520	MBh	18.0	18.3	18.8		17.6	17.9	18.4		16.9	17.1	17.7		15.9	16.1	16.6		14.7	14.9	15.4		13.6	13.8	14.3	
		S/T	0.62	0.54	0.40		0.62	0.54	0.40		0.63	0.55	0.42		0.64	0.57	0.43		0.65	0.58	0.44		0.69	0.62	0.49	
		ΔT	19	18	14		19	17	14		19	17	14		18	16	13		17	15	12		17	16	13	
		kW	1.04	1.03	1.03		1.19	1.19	1.18		1.36	1.36	1.36		1.55	1.55	1.55		1.77	1.76	1.76		2.02	2.02	2.02	
		Amps	3.5	3.5	3.5		4.2	4.2	4.2		5.0	5.0	5.0		6.0	6.0	5.9		7.0	7.0	7.0		8.3	8.3	8.3	
		Hi PR	260	261	263		301	302	304		344	345	347		390	391	393		440	441	442		492	494	495	
		Lo PR	131	135	142		134	138	146		136	140	148		137	141	148		137	141	148		138	142	149	
	610	MBh	18.3	18.6	19.1		17.9	18.1	18.7		17.2	17.4	17.9		16.1	16.4	16.9		14.9	15.2	15.7		13.9	14.1	14.6	
		S/T	0.70	0.62	0.48		0.69	0.62	0.48		0.71	0.63	0.49		0.72	0.64	0.51		0.73	0.65	0.52		0.77	0.69	0.56	
		ΔT	18	16	13		18	16	13		17	16	12		16	15	12		16	14	11		16	15	12	
		kW	1.04	1.04	1.04		1.20	1.19	1.19		1.37	1.37	1.37		1.56	1.56	1.56		1.77	1.77	1.77		2.03	2.03	2.03	
		Amps	3.5	3.5	3.5		4.2	4.2	4.2		5.1	5.1	5.1		6.0	6.0	6.0		7.1	7.1	7.1		8.4	8.4	8.3	
		Hi PR	263	264	266		304	305	307		347	348	349		393	394	396		442	443	445		495	496	498	
		Lo PR	133	137	145		137	140	148		139	142	150		139	143	150		139	143	150		140	144	151	
	700	MBh	18.7	18.9	19.4		18.2	18.5	19.0		17.5	17.7	18.3		16.5	16.7	17.2		15.3	15.5	16.0		14.2	14.4	14.9	
		S/T	0.74	0.66	0.52		0.73	0.66	0.52		0.75	0.67	0.53		0.76	0.68	0.54		0.77	0.69	0.56		0.80	0.73	0.60	
		ΔT	17	15	12		17	15	12		16	15	11		16	14	11		15	13	10		15	14	11	
		kW	1.05	1.05	1.05		1.20	1.20	1.20		1.38	1.37	1.37		1.57	1.56	1.56		1.78	1.78	1.78		2.04	2.04	2.03	
		Amps	3.6	3.5	3.5		4.3	4.3	4.3		5.1	5.1	5.1		6.0	6.0	6.0		7.1	7.1	7.1		8.4	8.4	8.4	
		Hi PR	265	267	268		306	307	309		349	350	352		395	396	398		445	446	448		498	499	501	
		Lo PR	136	140	147		139	143	151		141	145	153		141	145	153		141	145	153		142	146	153	
75	520	MBh	18.0	18.3	18.8	19.7	17.6	17.9	18.4	19.2	16.9	17.1	17.7	18.5	15.9	16.1	16.6	17.4	14.7	14.9	15.4	16.2	13.6	13.9	14.4	15.1
		S/T	0.76	0.68	0.53	0.38	1.03	0.67	0.53	0.38	1.02	0.69	0.55	0.40	1.00	0.69	0.56	0.42	0.98	0.71	0.57	0.43	0.97	0.74	0.61	0.47
		ΔT	23	22	18	15	23	21	18	14	22	21	17	14	21	20	17	13	20	19	16	13	21	19	16	13
		kW	1.03	1.03	1.03	1.04	1.19	1.19	1.18	1.19	1.36	1.36	1.36	1.37	1.55	1.55	1.55	1.56	1.76	1.76	1.76	1.77	2.02	2.02	2.02	2.03
		Amps	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.2	5.0	5.0	5.0	5.1	6.0	6.0	5.9	6.0	7.0	7.0	7.0	7.1	8.3	8.3	8.3	8.4
		Hi PR	260	261	263	268	301	302	304	309	344	345	347	352	390	391	393	398	440	441	443	447	493	494	496	500
		Lo PR	131	135	142	155	134	138	146	158	136	140	148	160	137	141	148	161	137	141	148	160	138	142	149	161
	610	MBh	18.3	18.6	19.1	19.9	17.9	18.1	18.7	19.5	17.2	17.4	17.9	18.7	16.1	**16.4**	16.9	17.7	15.0	15.2	15.7	16.5	13.9	14.1	14.6	15.4
		S/T	1.05	0.75	0.61	0.46	1.03	0.75	0.61	0.46	1.02	0.76	0.63	0.48	1.00	**0.77**	0.63	0.49	0.98	0.78	0.65	0.51	0.97	0.82	0.69	0.55
		ΔT	22	20	17	14	21	20	16	13	21	19	16	13	20	**18**	15	12	19	18	15	12	19	18	15	12
		kW	1.04	1.04	1.04	1.05	1.20	1.19	1.19	1.20	1.37	1.37	1.36	1.37	1.56	**1.56**	1.55	1.56	1.77	1.77	1.77	1.78	2.03	2.03	2.02	2.04
		Amps	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.3	5.1	5.1	5.1	5.1	6.0	**6.0**	6.0	6.0	7.1	7.1	7.1	7.1	8.4	8.4	8.3	8.4
		Hi PR	263	264	266	271	304	305	307	311	347	348	350	354	393	**394**	396	400	442	444	445	450	495	496	498	503
		Lo PR	133	137	145	158	137	140	148	161	139	142	150	163	139	**143**	150	163	139	143	150	163	140	144	151	163
	700	MBh	18.7	18.9	19.5	20.3	18.2	18.5	19.0	19.8	17.5	17.8	18.3	19.1	16.5	16.7	17.2	18.0	15.3	15.5	16.0	16.8	14.2	14.4	14.9	15.7
		S/T	1.05	0.79	0.65	0.50	1.03	0.79	0.65	0.50	1.02	0.80	0.66	0.52	1.00	0.81	0.67	0.53	0.98	0.82	0.68	0.54	0.97	0.85	0.72	0.58
		ΔT	21	19	16	12	20	19	15	12	20	18	15	12	19	17	14	11	18	17	14	11	19	17	14	11
		kW	1.05	1.05	1.05	1.06	1.20	1.20	1.20	1.21	1.37	1.37	1.37	1.38	1.56	1.56	1.56	1.57	1.78	1.78	1.78	1.79	2.04	2.03	2.03	2.04
		Amps	3.5	3.5	3.5	3.6	4.3	4.3	4.3	4.3	5.1	5.1	5.1	5.1	6.0	6.0	6.0	6.1	7.1	7.1	7.1	7.1	8.4	8.4	8.4	8.4
		Hi PR	266	267	269	273	307	308	309	314	349	350	352	357	395	397	398	403	445	446	448	452	498	499	501	505
		Lo PR	136	140	147	160	139	143	151	164	141	145	153	165	141	145	153	165	141	145	153	165	142	146	153	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	520	MBh	18.1	18.4	18.9	19.7	17.7	18.0	18.5	19.3	17.0	17.2	17.8	18.6	16.0	16.2	16.7	17.5	14.8	15.0	15.5	16.3	13.7	13.9	14.4	15.2
		S/T	1.05	0.81	0.66	0.51	1.03	0.80	0.66	0.51	1.02	0.81	0.68	0.53	1.00	0.82	0.68	0.54	0.98	0.83	0.70	0.55	0.97	0.87	0.73	0.60
		ΔT	27	26	22	19	26	25	22	18	26	24	21	18	25	23	20	17	24	22	19	16	24	22	20	17
		kW	1.04	1.03	1.03	1.04	1.19	1.19	1.18	1.19	1.36	1.36	1.36	1.37	1.55	1.55	1.55	1.56	1.76	1.76	1.76	1.77	2.02	2.02	2.02	2.03
		Amps	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.2	5.0	5.0	5.0	5.1	6.0	6.0	5.9	6.0	7.0	7.0	7.0	7.1	8.3	8.3	8.3	8.4
		Hi PR	261	262	264	268	302	303	305	309	345	346	348	352	391	392	394	398	440	441	443	448	493	494	496	501
		Lo PR	131	135	143	156	135	139	146	159	137	141	148	161	138	141	149	161	138	141	149	161	139	142	150	162
	610	MBh	18.4	18.7	19.2	20.0	18.0	18.2	18.8	19.6	17.3	17.5	18.0	18.8	16.2	16.5	**17.0**	17.8	15.0	15.3	15.8	16.6	14.0	14.2	14.7	15.5
		S/T	1.05	0.89	0.74	0.59	1.03	0.88	0.74	0.59	1.02	0.89	0.75	0.61	1.00	0.90	**0.76**	0.62	0.98	0.90	0.77	0.63	0.97	0.94	0.81	0.67
		ΔT	26	24	21	17	25	23	20	17	25	23	20	17	24	22	**19**	16	23	21	18	15	23	21	19	16
		kW	1.04	1.04	1.04	1.05	1.20	1.19	1.19	1.20	1.37	1.37	1.36	1.38	1.56	1.56	**1.56**	1.57	1.77	1.77	1.77	1.78	2.03	2.03	2.03	2.04
		Amps	3.5	3.5	3.5	3.6	4.2	4.2	4.2	4.3	5.1	5.1	5.1	5.1	6.0	6.0	**6.0**	6.0	7.1	7.1	7.1	7.1	8.4	8.4	8.3	8.4
		Hi PR	264	265	266	271	304	306	307	312	347	348	350	355	393	394	**396**	401	443	444	446	450	496	497	499	503
		Lo PR	134	137	145	158	137	141	149	162	139	143	151	163	140	143	**151**	163	140	143	151	163	141	144	152	164
	700	MBh	18.8	19.0	19.6	20.4	18.3	18.6	19.1	19.9	17.6	17.8	18.4	19.2	16.6	16.8	17.3	18.1	15.4	15.6	16.1	16.9	14.3	14.5	15.0	15.8
		S/T	1.05	0.93	0.78	0.63	1.03	0.92	0.78	0.63	1.02	0.93	0.79	0.65	1.00	1.00	0.80	0.66	0.98	0.98	0.81	0.67	0.97	0.97	0.84	0.71
		ΔT	25	23	20	16	24	22	19	16	24	22	19	16	23	21	18	15	22	20	17	14	22	20	18	15
		kW	1.05	1.05	1.05	1.06	1.20	1.20	1.20	1.21	1.38	1.37	1.37	1.38	1.57	1.56	1.56	1.57	1.78	1.78	1.78	1.79	2.04	2.04	2.03	2.04
		Amps	3.6	3.5	3.5	3.6	4.3	4.3	4.3	4.3	5.1	5.1	5.1	5.1	6.0	6.0	6.0	6.1	7.1	7.1	7.1	7.1	8.4	8.4	8.4	8.4
		Hi PR	266	267	269	274	307	308	310	315	350	351	353	357	396	397	399	403	445	447	448	453	498	500	501	506
		Lo PR	136	140	148	161	140	143	151	164	142	145	153	166	142	146	153	166	142	146	153	166	143	146	154	166
85	520	MBh	18.4	18.7	19.2	20.1	18.0	18.3	18.8	19.6	17.3	17.5	18.1	18.9	16.2	16.5	17.0	17.8	15.1	15.3	15.8	16.6	14.0	14.2	14.7	15.5
		S/T	1.05	1.05	0.77	0.62	1.03	1.03	0.77	0.62	1.02	1.02	0.78	0.63	1.00	1.00	0.79	0.64	0.98	0.98	0.80	0.65	0.97	0.97	0.83	0.69
		ΔT	31	29	26	22	30	28	25	22	29	28	24	21	28	26	23	20	27	25	22	19	27	25	23	20
		kW	1.04	1.04	1.03	1.04	1.19	1.19	1.19	1.20	1.36	1.36	1.36	1.37	1.55	1.55	1.55	1.56	1.77	1.77	1.76	1.77	2.02	2.02	2.02	2.03
		Amps	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.2	5.0	5.0	5.0	5.1	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.1	8.3	8.3	8.3	8.4
		Hi PR	262	263	265	270	303	304	306	310	346	347	349	353	392	393	395	399	441	443	444	449	494	495	497	502
		Lo PR	133	137	145	158	137	141	148	161	139	142	150	163	139	143	151	163	139	143	151	163	140	144	151	163
	610	MBh	18.7	19.0	19.5	20.3	18.3	18.5	19.1	19.9	17.6	17.8	18.3	19.1	16.5	16.8	17.3	18.1	15.3	15.6	16.1	16.9	14.2	14.5	15.0	15.7
		S/T	1.05	1.05	0.85	0.70	1.03	1.03	0.84	0.70	1.02	1.02	0.86	0.71	1.00	1.00	0.86	0.72	0.98	0.98	0.87	0.73	0.97	0.97	0.91	0.77
		ΔT	30	28	24	21	29	27	24	20	28	26	23	20	27	25	22	19	26	24	21	18	26	24	21	19
		kW	1.05	1.05	1.04	1.05	1.20	1.20	1.19	1.21	1.37	1.37	1.37	1.38	1.56	1.56	1.56	1.57	1.78	1.78	1.77	1.78	2.03	2.03	2.03	2.04
		Amps	3.5	3.5	3.5	3.6	4.3	4.2	4.2	4.3	5.1	5.1	5.1	5.1	6.0	6.0	6.0	6.0	7.1	7.1	7.1	7.1	8.4	8.4	8.4	8.4
		Hi PR	265	266	268	272	306	307	309	313	348	350	351	356	395	396	397	402	444	445	447	452	497	498	500	505
		Lo PR	136	139	147	160	139	143	151	164	141	145	153	165	141	145	153	165	141	145	153	165	142	146	153	166
	700	MBh	19.1	19.3	19.9	20.7	18.6	18.9	19.4	20.2	17.9	18.1	18.7	19.5	16.8	17.1	17.6	18.4	15.7	15.9	16.4	17.2	14.6	14.8	15.3	16.1
		S/T	1.05	1.05	0.89	0.74	1.03	1.03	0.88	0.74	1.02	1.02	0.89	0.75	1.00	1.00	0.90	0.76	0.98	0.98	0.91	0.77	0.97	0.97	0.94	0.80
		ΔT	28	27	23	20	28	26	23	19	27	25	22	19	26	24	21	18	25	23	20	17	25	23	21	18
		kW	1.05	1.05	1.05	1.06	1.21	1.20	1.20	1.21	1.38	1.38	1.37	1.39	1.57	1.57	1.56	1.58	1.78	1.78	1.78	1.79	2.04	2.04	2.04	2.05
		Amps	3.6	3.6	3.5	3.6	4.3	4.3	4.3	4.3	5.1	5.1	5.1	5.1	6.0	6.0	6.0	6.1	7.1	7.1	7.1	7.2	8.4	8.4	8.4	8.4
		Hi PR	267	268	270	275	308	309	311	316	351	352	354	359	397	398	400	405	447	448	450	454	500	501	503	507
		Lo PR	138	142	150	163	142	145	153	166	143	147	155	168	144	147	155	168	144	147	155	168	144	148	156	168

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

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

			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	705	MBh	23.1	23.4	24.1		22.5	22.8	23.5		21.5	21.8	22.5		20.1	20.4	21.1		18.6	18.9	19.5		17.2	17.5	18.1	
		S/T	0.59	0.52	0.38		0.60	0.52	0.39		0.63	0.55	0.41		0.65	0.57	0.44		0.67	0.60	0.46		0.73	0.65	0.51	
		ΔT	20	18	15		19	18	14		19	17	14		19	17	14		18	16	13		19	17	14	
		kW	1.55	1.55	1.55		1.75	1.75	1.74		1.97	1.97	1.96		2.21	2.21	2.20		2.47	2.47	2.47		2.79	2.79	2.78	
		Amps	5.3	5.3	5.3		6.2	6.2	6.2		7.2	7.2	7.1		8.2	8.2	8.2		9.3	9.3	9.3		10.7	10.7	10.6	
		Hi PR	282	284	286		327	328	330		374	375	377		425	426	428		479	480	482		537	539	541	
		Lo PR	136	141	149		139	144	152		140	145	153		140	145	153		139	144	152		139	144	152	
	830	MBh	23.5	23.8	24.5		22.8	23.2	23.8		21.8	22.2	22.8		20.5	20.8	21.4		18.9	19.2	19.8		17.5	17.8	18.4	
		S/T	0.67	0.59	0.46		0.68	0.60	0.46		0.70	0.63	0.49		0.73	0.65	0.51		0.75	0.67	0.54		0.81	0.73	0.59	
		ΔT	18	17	13		18	16	13		18	16	13		17	16	12		17	15	12		17	16	13	
		kW	1.56	1.56	1.56		1.76	1.76	1.76		1.98	1.98	1.98		2.22	2.22	2.21		2.49	2.49	2.48		2.80	2.80	2.80	
		Amps	5.4	5.4	5.4		6.3	6.3	6.2		7.2	7.2	7.2		8.2	8.2	8.2		9.4	9.4	9.4		10.7	10.7	10.7	
		Hi PR	285	287	289		330	331	333		377	378	380		428	429	431		482	483	485		540	542	544	
		Lo PR	138	143	152		141	146	155		142	147	156		142	147	155		141	146	154		141	146	154	
	955	MBh	23.9	24.2	24.9		23.3	23.6	24.3		22.3	22.6	23.3		20.9	21.2	21.9		19.3	19.6	20.3		17.9	18.2	18.8	
		S/T	0.71	0.63	0.49		0.99	0.64	0.50		1.00	0.67	0.53		1.00	0.69	0.55		1.00	0.71	0.57		1.01	0.77	0.63	
		ΔT	17	16	12		17	15	12		17	15	12		16	15	11		16	14	11		16	15	12	
		kW	1.57	1.57	1.57		1.77	1.77	1.77		1.99	1.99	1.99		2.23	2.23	2.22		2.50	2.50	2.49		2.81	2.81	2.81	
		Amps	5.4	5.4	5.4		6.3	6.3	6.3		7.3	7.3	7.2		8.3	8.3	8.3		9.4	9.4	9.4		10.8	10.8	10.7	
		Hi PR	288	289	291		333	334	336		380	381	383		430	432	434		485	486	488		543	544	546	
		Lo PR	141	146	155		144	149	157		145	150	158		144	149	158		143	148	156		143	148	156	
75	705	MBh	23.1	23.4	24.1	25.2	22.5	22.8	23.5	24.5	21.5	21.8	22.5	23.5	20.1	20.4	21.1	22.1	18.6	18.9	19.5	20.5	17.2	17.5	18.1	19.1
		S/T	0.99	0.65	0.51	0.37	0.99	0.65	0.52	0.37	1.00	0.68	0.54	0.40	1.00	0.70	0.57	0.42	1.00	0.73	0.59	0.45	1.01	0.78	0.64	0.50
		ΔT	24	22	19	15	23	21	18	15	23	21	18	15	22	21	17	14	22	20	17	14	22	21	18	14
		kW	1.55	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.20	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.79	2.78	2.80
		Amps	5.3	5.3	5.3	5.4	6.2	6.2	6.2	6.2	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.4	10.7	10.7	10.6	10.7
		Hi PR	283	284	286	291	327	329	331	336	374	376	378	382	425	426	428	433	479	481	483	488	538	539	541	546
		Lo PR	136	141	149	162	139	144	152	165	140	145	153	166	140	145	153	165	139	144	152	164	139	144	152	164
	830	MBh	23.5	23.8	24.5	25.5	22.9	23.2	23.9	24.9	21.9	22.2	22.8	23.9	20.5	**20.8**	21.4	22.4	18.9	19.2	19.9	20.8	17.5	17.8	18.4	19.4
		S/T	0.99	0.72	0.59	0.44	0.99	0.73	0.59	0.45	1.00	0.76	0.62	0.48	1.00	**0.78**	0.64	0.50	1.00	0.81	0.67	0.52	1.01	0.86	0.72	0.58
		ΔT	22	21	17	14	22	20	17	13	22	20	17	13	21	**19**	16	13	20	19	16	12	21	19	16	13
		kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.97	1.99	2.22	**2.22**	2.21	2.23	2.49	2.48	2.48	2.50	2.80	2.80	2.80	2.81
		Amps	5.4	5.4	5.4	5.4	6.3	6.2	6.2	6.3	7.2	7.2	7.2	7.3	8.2	**8.2**	8.2	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8
		Hi PR	286	287	289	294	330	332	334	338	377	378	380	385	428	**429**	431	436	482	484	486	490	541	542	544	549
		Lo PR	138	143	152	165	141	146	155	168	142	147	156	169	142	**147**	155	168	141	146	154	166	141	146	154	166
	955	MBh	23.9	24.2	24.9	26.0	23.3	23.6	24.3	25.3	22.3	22.6	23.3	24.3	20.9	21.2	21.9	22.9	19.3	19.6	20.3	21.3	17.9	18.2	18.8	19.8
		S/T	0.99	0.76	0.62	0.48	0.99	0.77	0.63	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.71	0.56	1.01	0.90	0.76	0.61
		ΔT	21	20	16	13	21	19	16	12	21	19	16	12	20	18	15	12	19	18	15	11	20	18	15	12
		kW	1.57	1.57	1.57	1.58	1.77	1.77	1.76	1.78	1.99	1.99	1.98	2.00	2.23	2.23	2.22	2.24	2.50	2.49	2.49	2.51	2.81	2.81	2.81	2.82
		Amps	5.4	5.4	5.4	5.5	6.3	6.3	6.3	6.3	7.3	7.2	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.5	10.8	10.8	10.7	10.8
		Hi PR	288	290	292	296	333	334	336	341	380	381	383	388	431	432	434	439	485	486	488	493	543	545	547	552
		Lo PR	141	146	155	168	144	149	157	171	145	150	158	171	144	149	158	170	143	148	156	169	143	148	156	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	705	MBh	23.2	23.6	24.3	25.3	22.6	22.9	23.6	24.7	21.6	21.9	22.6	23.6	20.2	20.6	21.2	22.2	18.7	19.0	19.6	20.6	17.3	17.6	18.2	19.2
		S/T	0.99	0.77	0.64	0.49	0.99	0.78	0.64	0.50	1.00	1.00	0.67	0.53	1.00	0.83	0.69	0.55	1.00	0.86	0.72	0.57	1.01	0.91	0.77	0.63
		ΔT	28	26	23	19	27	25	22	19	27	25	22	19	26	24	21	18	25	24	21	17	26	24	21	18
		kW	1.55	1.55	1.55	1.56	1.75	1.75	1.74	1.76	1.97	1.97	1.96	1.98	2.21	2.21	2.20	2.22	2.47	2.47	2.47	2.48	2.79	2.79	2.78	2.80
		Amps	5.3	5.3	5.3	5.4	6.2	6.2	6.2	6.2	7.2	7.2	7.1	7.2	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.4	10.7	10.7	10.6	10.7
		Hi PR	283	284	286	291	328	329	331	336	375	376	378	383	425	427	429	434	480	481	483	488	538	539	541	546
		Lo PR	137	141	150	163	139	144	153	166	141	145	154	167	140	145	153	166	140	144	152	165	140	144	152	164
	830	MBh	23.6	23.9	24.6	25.7	23.0	23.3	24.0	25.0	22.0	22.3	23.0	24.0	20.6	20.9	**21.6**	22.6	19.0	19.3	20.0	21.0	17.6	17.9	18.5	19.5
		S/T	0.99	0.85	0.71	0.57	0.99	0.99	0.72	0.58	1.00	1.00	0.75	0.60	1.00	1.00	**0.77**	0.63	1.00	1.00	0.79	0.65	1.01	1.01	0.85	0.70
		ΔT	26	25	21	18	26	24	21	17	26	24	21	17	25	23	**20**	17	24	22	19	16	25	23	20	17
		kW	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	**2.21**	2.23	2.49	2.49	2.48	2.50	2.80	2.80	2.80	2.81
		Amps	5.4	5.4	5.4	5.4	6.3	6.3	6.2	6.3	7.2	7.2	7.2	7.3	8.2	8.2	**8.2**	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8
		Hi PR	286	287	289	294	331	332	334	339	378	379	381	386	428	430	**432**	436	483	484	486	491	541	542	544	549
		Lo PR	139	144	152	166	142	147	155	168	143	148	156	169	143	147	**156**	168	142	146	154	167	142	146	154	166
	955	MBh	24.0	24.4	25.1	26.1	23.4	23.7	24.4	25.4	22.4	22.7	23.4	24.4	21.0	21.3	22.0	23.0	19.4	19.7	20.4	21.4	18.0	18.3	18.9	19.9
		S/T	0.99	0.99	0.75	0.61	0.99	0.99	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.69	1.01	1.01	0.89	0.74
		ΔT	25	24	20	17	25	23	20	16	25	23	20	16	24	22	19	16	23	21	18	15	24	22	19	16
		kW	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.23	2.23	2.22	2.24	2.50	2.50	2.49	2.51	2.81	2.81	2.81	2.82
		Amps	5.4	5.4	5.4	5.5	6.3	6.3	6.3	6.3	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.5	10.8	10.8	10.7	10.8
		Hi PR	289	290	292	297	334	335	337	342	381	382	384	389	431	432	434	439	486	487	489	494	544	545	547	552
		Lo PR	142	147	155	169	144	149	158	171	145	150	159	172	145	150	158	171	144	149	157	169	144	148	156	169
85	705	MBh	23.6	23.9	24.6	25.7	23.0	23.3	24.0	25.0	22.0	22.3	23.0	24.0	20.6	20.9	21.6	22.6	19.1	19.4	20.0	21.0	17.6	17.9	18.6	19.5
		S/T	0.99	0.99	0.74	0.59	0.99	0.99	0.75	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.68	1.01	1.01	0.88	0.73
		ΔT	31	29	26	23	31	29	26	22	30	29	25	22	29	28	25	21	29	27	24	21	29	27	24	21
		kW	1.56	1.55	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.49	2.79	2.79	2.79	2.80
		Amps	5.4	5.4	5.3	5.4	6.2	6.2	6.2	6.3	7.2	7.2	7.2	7.2	8.2	8.2	8.2	8.2	9.3	9.3	9.3	9.4	10.7	10.7	10.7	10.7
		Hi PR	284	286	288	293	329	330	332	337	376	377	379	384	427	428	430	435	481	482	484	489	539	541	543	548
		Lo PR	139	143	152	165	141	146	155	168	143	147	156	169	142	147	155	168	141	146	154	167	141	146	154	166
	830	MBh	24.0	24.3	25.0	26.1	23.4	23.7	24.4	25.4	22.4	22.7	23.3	24.4	21.0	21.3	21.9	22.9	19.4	19.7	20.3	21.3	18.0	18.3	18.9	19.9
		S/T	0.99	0.99	0.81	0.67	0.99	0.99	0.82	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.01	1.01	0.95	0.81
		ΔT	30	28	25	21	29	28	24	21	29	27	24	21	28	26	23	20	27	26	23	19	28	26	23	20
		kW	1.57	1.57	1.56	1.58	1.76	1.76	1.76	1.77	1.98	1.98	1.98	1.99	2.22	2.22	2.22	2.23	2.49	2.49	2.49	2.50	2.80	2.80	2.80	2.81
		Amps	5.4	5.4	5.4	5.5	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.3	8.3	8.3	8.2	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.8
		Hi PR	287	289	291	296	332	333	335	340	379	380	382	387	430	431	433	438	484	485	487	492	542	544	546	551
		Lo PR	141	146	155	168	144	149	157	171	145	150	158	171	144	149	158	170	143	148	156	169	143	148	156	168
	955	MBh	24.4	24.8	25.4	26.5	23.8	24.1	24.8	25.8	22.8	23.1	23.8	24.8	21.4	21.7	22.3	23.3	19.8	20.1	20.7	21.7	18.4	18.7	19.3	20.3
		S/T	0.99	0.99	0.85	0.71	0.99	0.99	0.99	0.72	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.79	1.01	1.01	0.99	0.85
		ΔT	29	27	24	20	28	26	23	20	28	26	23	20	27	25	22	19	26	25	22	18	27	25	22	19
		kW	1.58	1.58	1.57	1.59	1.77	1.77	1.77	1.78	1.99	1.99	1.99	2.00	2.23	2.23	2.23	2.24	2.50	2.50	2.50	2.51	2.81	2.81	2.81	2.82
		Amps	5.5	5.5	5.4	5.5	6.3	6.3	6.3	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.5	10.8	10.8	10.8	10.8
		Hi PR	290	291	293	298	335	336	338	343	382	383	385	390	432	434	436	441	487	488	490	495	545	546	548	553
		Lo PR	144	149	157	171	146	151	160	173	147	152	161	174	147	152	160	173	146	150	159	171	145	150	158	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	850	MBh	30.6	31.0	32.0		29.7	30.1	31.0		28.2	28.6	29.5		26.3	26.7	27.5		24.1	24.5	25.3		22.2	22.5	23.4	
		S/T	0.61	0.53	0.39		0.61	0.53	0.39		0.63	0.55	0.41		0.64	0.56	0.43		0.66	0.58	0.45		0.70	0.62	0.49	
		ΔT	20	18	15		19	18	14		19	17	14		18	16	13		17	16	13		18	16	13	
		kW	2.05	2.05	2.04		2.30	2.30	2.30		2.59	2.58	2.58		2.89	2.89	2.88		3.22	3.22	3.21		3.61	3.60	3.60	
		Amps	9.1	9.0	9.0		10.2	10.2	10.2		11.4	11.4	11.4		12.7	12.7	12.6		14.0	14.0	14.0		15.5	15.5	15.5	
		Hi PR	290	292	294		336	337	339		384	385	387		436	437	439		492	493	495		551	552	554	
		Lo PR	129	132	140		133	136	144		136	139	146		137	140	148		138	141	148		140	143	150	
	1000	MBh	31.1	31.5	32.4		30.1	30.5	31.4		28.7	29.1	30.0		26.7	27.1	28.0		24.5	24.9	25.8		22.6	23.0	23.8	
		S/T	0.69	0.61	0.47		0.69	0.61	0.47		0.70	0.63	0.49		0.72	0.64	0.50		0.73	0.66	0.52		0.77	0.70	0.57	
		ΔT	19	17	13		18	16	13		18	16	13		17	15	12		16	15	12		17	15	12	
		kW	2.07	2.06	2.06		2.32	2.32	2.32		2.60	2.60	2.60		2.91	2.90	2.90		3.24	3.23	3.23		3.62	3.62	3.62	
		Amps	9.1	9.1	9.1		10.3	10.3	10.3		11.5	11.5	11.5		12.8	12.8	12.7		14.1	14.1	14.1		15.6	15.6	15.5	
		Hi PR	293	295	297		339	340	342		387	388	390		439	440	442		495	496	498		554	555	557	
		Lo PR	131	135	142		135	139	146		138	141	149		139	142	150		140	143	151		141	145	152	
	1150	MBh	31.7	32.1	33.0		30.7	31.1	32.0		29.2	29.7	30.5		27.3	27.7	28.5		25.1	25.5	26.3		23.1	23.5	24.3	
		S/T	0.73	0.65	0.51		0.72	0.65	0.51		0.74	0.67	0.53		0.75	0.68	0.54		0.77	0.69	0.56		0.98	0.74	0.60	
		ΔT	18	16	12		17	15	12		17	15	12		16	14	11		15	14	11		16	14	11	
		kW	2.08	2.08	2.07		2.34	2.33	2.33		2.62	2.62	2.61		2.92	2.92	2.91		3.25	3.25	3.24		3.64	3.64	3.63	
		Amps	9.2	9.2	9.2		10.4	10.4	10.3		11.6	11.6	11.6		12.8	12.8	12.8		14.2	14.1	14.1		15.6	15.6	15.6	
		Hi PR	296	297	300		342	343	345		390	391	393		442	443	445		497	499	501		557	558	560	
		Lo PR	134	137	145		138	141	149		140	144	151		141	145	152		142	146	153		144	147	154	

75	850	MBh	30.6	31.1	32.0	33.4	29.7	30.1	31.0	32.4	28.2	28.6	29.5	30.9	26.3	26.7	27.5	28.9	24.1	24.5	25.4	26.6	22.2	22.6	23.4	24.6
		S/T	0.74	0.66	0.52	0.38	0.74	0.66	0.52	0.38	1.01	0.68	0.54	0.40	1.00	0.69	0.56	0.42	0.99	0.71	0.57	0.43	0.98	0.75	0.62	0.48
		ΔT	24	22	19	15	23	21	18	15	23	21	18	15	22	20	17	14	21	19	16	13	21	20	17	14
		kW	2.05	2.05	2.04	2.06	2.30	2.30	2.30	2.32	2.59	2.58	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.22	3.21	3.23	3.60	3.60	3.60	3.62
		Amps	9.0	9.0	9.0	9.1	10.2	10.2	10.2	10.3	11.4	11.4	11.4	11.5	12.7	12.7	12.6	12.7	14.0	14.0	14.0	14.1	15.5	15.5	15.5	15.5
		Hi PR	291	292	294	299	336	338	340	345	384	386	388	393	436	437	439	444	492	493	495	500	551	552	555	560
		Lo PR	129	132	140	152	133	137	144	156	136	139	147	159	137	140	148	160	138	141	148	160	140	143	150	162
	1000	MBh	31.1	31.5	32.5	33.9	30.1	30.6	31.5	32.8	28.7	29.1	30.0	31.3	26.7	**27.1**	28.0	29.3	24.6	25.0	25.8	27.1	22.6	23.0	23.8	24.9
		S/T	0.82	0.74	0.60	0.45	1.02	0.74	0.60	0.46	1.01	0.76	0.62	0.48	1.00	**0.77**	0.63	0.49	0.99	0.78	0.65	0.51	0.98	0.82	0.69	0.57
		ΔT	23	21	17	14	22	20	17	13	21	20	17	13	21	**19**	16	13	20	18	15	12	20	18	16	15
		kW	2.06	2.06	2.06	2.08	2.32	2.32	2.31	2.33	2.60	2.60	2.60	2.62	2.90	**2.90**	2.90	2.92	3.24	3.23	3.23	3.25	3.62	3.62	3.62	3.55
		Amps	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.5	11.5	11.5	11.6	12.8	**12.7**	12.7	12.8	14.1	14.1	14.0	14.1	15.6	15.6	15.5	15.3
		Hi PR	294	295	297	302	339	341	343	348	387	389	391	396	439	**440**	442	447	495	496	498	503	554	555	557	537
		Lo PR	131	135	142	154	135	139	146	158	138	141	149	161	139	**143**	150	162	140	143	151	162	142	145	152	158
	1150	MBh	31.7	32.1	33.0	34.4	30.7	31.1	32.0	33.4	29.3	29.7	30.5	31.9	27.3	27.7	28.5	29.9	25.1	25.5	26.3	27.6	23.1	23.5	24.2	25.5
		S/T	1.03	0.78	0.64	0.49	1.02	0.78	0.64	0.49	1.01	0.80	0.66	0.51	1.00	0.81	0.67	0.53	0.99	0.82	0.69	0.54	0.98	0.86	0.75	0.60
		ΔT	22	20	16	13	21	19	16	12	20	19	16	12	20	18	15	12	19	17	14	11	19	17	17	14
		kW	2.08	2.08	2.07	2.09	2.33	2.33	2.33	2.35	2.62	2.61	2.61	2.63	2.92	2.92	2.91	2.93	3.25	3.25	3.24	3.26	3.64	3.63	3.54	3.56
		Amps	9.2	9.2	9.2	9.3	10.4	10.4	10.3	10.4	11.6	11.6	11.6	11.7	12.8	12.8	12.8	12.9	14.1	14.1	14.1	14.2	15.6	15.6	15.2	15.3
		Hi PR	296	298	300	305	342	344	346	351	390	392	394	399	442	443	445	450	498	499	501	506	557	558	535	540
		Lo PR	134	137	145	157	138	141	149	161	140	144	151	164	141	145	152	165	142	146	153	165	144	147	149	161

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	850	MBh	30.8	31.2	32.1	33.5	29.8	30.3	31.2	32.5	28.4	28.8	29.7	31.0	26.4	26.8	27.7	29.0	24.3	24.7	25.5	26.8	22.3	22.7	23.5	24.8
		S/T	1.03	0.79	0.65	0.51	1.02	0.79	0.65	0.51	1.01	0.81	0.67	0.53	1.00	0.82	0.68	0.54	0.99	0.83	0.70	0.56	0.98	0.87	0.74	0.60
		ΔT	28	26	23	19	27	25	22	19	27	25	22	18	25	24	21	17	24	23	20	17	25	23	20	17
		kW	2.05	2.05	2.04	2.06	2.30	2.30	2.30	2.32	2.59	2.58	2.58	2.60	2.89	2.89	2.88	2.90	3.22	3.22	3.21	3.23	3.61	3.60	3.60	3.62
		Amps	9.0	9.0	9.0	9.1	10.2	10.2	10.2	10.3	11.4	11.4	11.4	11.5	12.7	12.7	12.6	12.8	14.0	14.0	14.0	14.1	15.5	15.5	15.5	15.6
		Hi PR	291	292	294	300	337	338	340	345	385	386	388	393	437	438	440	445	492	494	496	501	552	553	555	560
		Lo PR	130	133	140	153	134	137	144	157	136	140	147	159	137	141	148	160	138	142	149	161	140	143	151	162
	1000	MBh	31.3	31.7	32.6	34.0	30.3	30.7	31.6	33.0	28.8	29.3	30.1	31.5	26.9	27.3	**28.4**	29.4	24.7	25.1	25.9	27.2	22.7	23.1	23.9	25.1
		S/T	1.03	0.87	0.73	0.58	1.02	0.87	0.73	0.58	1.01	0.88	0.75	0.60	1.00	0.89	**0.76**	0.62	0.99	0.91	0.77	0.63	0.98	0.98	0.81	0.69
		ΔT	27	25	21	18	26	24	21	17	25	24	20	17	24	23	**20**	16	23	22	19	15	23	22	19	19
		kW	2.07	2.06	2.06	2.08	2.32	2.32	2.32	2.34	2.60	2.60	2.60	2.62	2.90	2.90	**2.92**	2.92	3.24	3.23	3.23	3.25	3.62	3.62	3.62	3.55
		Amps	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.5	11.5	11.5	11.6	12.8	12.8	**11.7**	12.8	14.1	14.1	14.1	14.2	15.6	15.6	15.5	15.3
		Hi PR	294	295	297	303	340	341	343	348	388	389	391	396	440	441	**446**	448	495	497	499	504	555	556	558	538
		Lo PR	132	135	143	155	136	139	147	159	138	142	149	162	140	143	**155**	163	140	144	151	163	142	145	153	159
	1150	MBh	31.9	32.3	33.2	34.6	30.9	31.3	32.2	33.6	29.4	29.8	30.7	32.0	27.4	27.8	28.7	30.0	25.2	25.6	26.5	27.7	23.3	23.6	24.4	25.6
		S/T	1.03	0.91	0.77	0.62	1.02	0.91	0.77	0.62	1.01	0.92	0.79	0.64	1.00	1.00	0.80	0.65	0.99	0.99	0.81	0.67	0.98	0.98	0.87	0.73
		ΔT	26	24	20	17	25	23	20	16	24	23	19	16	23	22	18	15	22	21	18	15	22	21	21	18
		kW	2.08	2.08	2.07	2.10	2.34	2.33	2.33	2.35	2.62	2.62	2.61	2.63	2.92	2.92	2.91	2.93	3.25	3.25	3.24	3.26	3.64	3.63	3.54	3.56
		Amps	9.2	9.2	9.2	9.3	10.4	10.4	10.3	10.4	11.6	11.6	11.6	11.7	12.8	12.8	12.8	12.9	14.2	14.1	14.1	14.2	15.6	15.6	15.2	15.3
		Hi PR	297	298	300	305	343	344	346	351	391	392	394	399	442	444	446	451	498	499	501	507	558	559	536	541
		Lo PR	134	138	146	158	138	142	149	162	141	144	152	164	142	145	153	165	143	146	153	166	144	148	150	161
85	850	MBh	31.3	31.7	32.7	34.1	30.3	30.8	31.7	33.0	28.9	29.3	30.2	31.5	26.9	27.3	28.2	29.5	24.7	25.1	26.0	27.2	22.8	23.2	24.0	25.1
		S/T	1.03	0.90	0.76	0.61	1.02	1.02	0.76	0.61	1.01	1.01	0.77	0.63	1.00	1.00	0.78	0.64	0.99	0.99	0.80	0.66	0.98	0.98	0.84	0.72
		ΔT	32	30	26	23	31	29	26	22	30	28	25	22	29	27	24	21	28	26	23	20	28	26	23	24
		kW	2.05	2.05	2.05	2.07	2.31	2.31	2.30	2.32	2.59	2.59	2.59	2.61	2.89	2.89	2.89	2.91	3.22	3.22	3.22	3.24	3.61	3.61	3.60	3.54
		Amps	9.1	9.1	9.0	9.2	10.2	10.2	10.2	10.3	11.5	11.5	11.4	11.5	12.7	12.7	12.7	12.8	14.0	14.0	14.0	14.1	15.5	15.5	15.5	15.2
		Hi PR	293	294	296	301	338	340	342	347	386	388	390	395	438	439	441	446	494	495	497	502	553	554	556	536
		Lo PR	132	135	142	155	135	139	146	159	138	142	149	161	139	143	150	162	140	143	151	163	142	145	152	159
	1000	MBh	31.8	32.2	33.1	34.5	30.8	31.2	32.1	33.5	29.3	29.7	30.6	32.0	27.4	27.8	28.6	29.9	25.2	25.6	26.4	27.7	23.2	23.6	24.4	25.5
		S/T	1.03	1.03	0.83	0.69	1.02	1.02	0.83	0.69	1.01	1.01	0.85	0.71	1.00	1.00	0.86	0.72	0.99	0.99	0.87	0.73	0.98	0.98	0.91	0.79
		ΔT	30	28	25	21	29	28	24	21	29	27	24	20	27	26	23	20	26	25	22	19	26	25	22	22
		kW	2.07	2.07	2.06	2.09	2.33	2.33	2.32	2.34	2.61	2.61	2.60	2.62	2.91	2.91	2.90	2.92	3.24	3.24	3.24	3.26	3.63	3.63	3.62	3.55
		Amps	9.2	9.2	9.1	9.2	10.3	10.3	10.3	10.4	11.5	11.5	11.5	11.6	12.8	12.8	12.8	12.9	14.1	14.1	14.1	14.2	15.6	15.6	15.6	15.3
		Hi PR	295	297	299	304	341	343	345	350	389	391	393	398	441	442	444	449	497	498	500	505	556	557	559	539
		Lo PR	134	137	145	157	138	141	149	161	140	144	151	164	141	145	152	164	142	146	153	165	144	147	154	161
	1150	MBh	32.4	32.8	33.7	35.1	31.4	31.8	32.7	34.1	29.9	30.3	31.2	32.5	27.9	28.3	29.2	30.5	25.7	26.1	26.9	28.2	23.7	24.0	24.8	26.0
		S/T	1.03	1.03	0.87	0.73	1.02	1.02	0.87	0.73	1.01	1.01	0.89	0.74	1.00	1.00	0.90	0.75	0.99	0.99	0.91	0.77	0.98	0.98	0.98	0.83
		ΔT	29	27	24	20	28	26	23	20	28	26	23	19	26	25	22	19	25	24	21	18	26	28	25	21
		kW	2.09	2.08	2.08	2.10	2.34	2.34	2.33	2.36	2.62	2.62	2.62	2.64	2.92	2.92	2.92	2.94	3.26	3.25	3.25	3.27	3.64	3.55	3.55	3.57
		Amps	9.2	9.2	9.2	9.3	10.4	10.4	10.4	10.5	11.6	11.6	11.6	11.7	12.9	12.9	12.8	12.9	14.2	14.2	14.1	14.2	15.7	15.3	15.3	15.4
		Hi PR	298	300	302	307	344	345	348	353	392	393	396	401	444	445	447	452	500	501	503	508	559	535	537	542
		Lo PR	136	140	148	160	140	144	151	164	143	146	154	166	144	147	155	167	144	148	155	167	146	144	151	163

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	980	MBh	38.7	39.3	40.5		36.8	37.3	38.4		34.3	34.8	35.9		31.2	31.7	32.7		28.0	28.4	29.4		24.7	25.1	26.0	
		S/T	0.57	0.50	0.37		0.59	0.51	0.38		0.62	0.54	0.41		0.65	0.57	0.43		0.68	0.60	0.46		0.76	0.68	0.53	
		ΔT	20	18	15		20	18	15		20	18	15		19	18	14		19	17	14		22	20	16	
		kW	2.46	2.46	2.45		2.77	2.77	2.76		3.10	3.10	3.10		3.46	3.46	3.45		3.85	3.85	3.84		4.21	4.21	4.20	
		Amps	9.5	9.5	9.5		10.8	10.8	10.8		12.3	12.3	12.3		13.8	13.8	13.8		15.5	15.5	15.4		16.9	16.9	16.8	
		Hi PR	286	287	289		336	337	339		390	391	393		449	450	452		514	515	517		554	555	557	
		Lo PR	122	125	132		127	130	137		131	134	140		134	136	143		136	138	145		138	140	147	
	1150	MBh	39.3	39.9	41.1		37.4	37.9	39.0		34.8	35.3	36.4		31.7	32.2	33.2		28.5	28.9	29.9		21.0	21.4	22.1	
		S/T	0.65	0.57	0.44		0.66	0.59	0.45		0.70	0.62	0.48		0.72	0.65	0.51		0.75	0.68	0.54		1.03	0.78	0.63	
		ΔT	19	17	14		19	17	13		19	17	13		18	16	13		18	16	13		20	18	15	
		kW	2.48	2.48	2.48		2.79	2.79	2.78		3.12	3.12	3.12		3.48	3.48	3.47		3.87	3.87	3.86		2.84	2.84	2.84	
		Amps	9.6	9.6	9.6		10.9	10.9	10.9		12.4	12.4	12.4		13.9	13.9	13.9		15.6	15.6	15.5		11.1	11.1	11.1	
		Hi PR	289	290	292		339	340	342		393	394	396		452	453	455		517	518	520		540	541	543	
		Lo PR	125	127	134		129	132	139		133	136	143		136	138	145		138	140	147		143	146	153	
	1320	MBh	40.1	40.6	41.8		38.1	38.6	39.7		35.5	36.0	37.1		32.4	32.9	33.9		29.1	29.5	30.5		21.5	20.8	21.6	
		S/T	0.69	0.61	0.48		0.70	0.62	0.49		0.73	0.66	0.52		0.76	0.68	0.55		0.79	0.72	0.58		1.03	0.83	0.68	
		ΔT	18	16	12		17	16	12		17	16	12		17	15	12		17	15	11		19	17	13	
		kW	2.50	2.50	2.49		2.81	2.80	2.80		3.14	3.14	3.13		3.50	3.50	3.49		3.89	3.89	3.88		2.85	2.68	2.67	
		Amps	9.7	9.7	9.6		11.0	11.0	11.0		12.5	12.5	12.4		14.0	14.0	14.0		15.6	15.6	15.6		11.2	10.4	10.4	
		Hi PR	292	293	295		342	343	345		396	397	399		455	456	458		520	521	523		542	541	543	
		Lo PR	127	130	136		132	134	141		136	138	145		138	141	147		140	143	150		145	152	159	
75	980	MBh	38.8	39.3	40.5	42.2	36.8	37.4	38.5	40.2	34.3	34.8	35.9	37.5	31.2	31.7	32.7	34.3	28.0	28.4	29.4	30.9	21.8	22.2	21.7	21.8
		S/T	0.70	0.63	0.49	0.36	0.72	0.64	0.51	0.37	0.75	0.67	0.54	0.40	1.01	0.70	0.56	0.42	1.02	0.73	0.59	0.45	1.03	0.82	0.69	0.54
		ΔT	24	22	19	15	24	22	19	15	24	22	19	15	23	21	18	15	23	21	18	14	26	24	20	16
		kW	2.46	2.46	2.45	2.48	2.77	2.76	2.76	2.78	3.10	3.10	3.09	3.12	3.46	3.46	3.45	3.47	3.85	3.85	3.84	3.87	3.04	3.04	2.82	2.67
		Amps	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	13.8	13.8	13.8	13.9	15.5	15.5	15.4	15.5	11.9	11.9	11.0	10.4
		Hi PR	286	287	289	294	336	338	340	345	390	391	393	399	449	450	452	458	514	515	517	523	541	542	540	542
		Lo PR	122	125	132	143	127	130	137	148	131	134	140	152	134	136	143	155	136	139	145	157	140	142	151	167
	1150	MBh	39.4	39.9	41.1	42.9	37.4	37.9	39.0	40.7	34.9	35.4	36.4	38.1	31.8	**32.2**	33.3	34.8	28.5	28.9	29.9	31.4	21.0	21.4	22.1	21.1
		S/T	0.77	0.70	0.57	0.43	0.79	0.71	0.58	0.44	1.00	0.75	0.61	0.47	1.01	**0.78**	0.64	0.50	1.02	0.81	0.67	0.52	1.03	0.92	0.77	0.63
		ΔT	23	21	18	14	22	21	17	14	22	21	17	14	22	**20**	17	13	21	20	16	13	24	22	19	15
		kW	2.48	2.48	2.47	2.50	2.79	2.78	2.78	2.80	3.12	3.12	3.11	3.14	3.48	**3.48**	3.47	3.50	3.87	3.87	3.86	3.89	2.84	2.84	2.83	2.51
		Amps	9.6	9.6	9.6	9.7	10.9	10.9	10.9	11.0	12.4	12.4	12.3	12.5	13.9	**13.9**	13.9	14.0	15.6	15.5	15.5	15.6	11.1	11.1	11.1	9.7
		Hi PR	289	290	292	297	339	341	343	348	393	394	396	402	452	**453**	456	461	517	518	520	526	540	541	543	542
		Lo PR	125	127	134	145	130	132	139	150	133	136	143	154	136	**138**	145	157	138	141	147	159	143	146	153	170
	1320	MBh	40.1	40.7	41.8	43.6	38.1	38.7	39.8	41.5	35.5	36.1	37.1	38.7	32.4	32.9	33.9	35.5	29.1	29.6	30.5	32.0	21.5	20.9	21.6	20.5
		S/T	0.81	0.74	0.60	0.47	0.83	0.75	0.62	0.48	1.00	0.79	0.65	0.51	1.01	0.82	0.68	0.53	1.02	0.85	0.71	0.56	1.03	0.97	0.82	0.68
		ΔT	22	20	16	13	21	20	16	13	21	20	16	13	21	19	16	12	20	19	15	12	23	21	17	13
		kW	2.50	2.50	2.49	2.52	2.80	2.80	2.80	2.82	3.14	3.14	3.13	3.16	3.50	3.49	3.49	3.51	3.89	3.88	3.88	3.90	2.85	2.68	2.67	2.35
		Amps	9.7	9.7	9.6	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.4	12.5	14.0	14.0	13.9	14.1	15.6	15.6	15.6	15.7	11.2	10.4	10.4	9.1
		Hi PR	292	293	295	300	342	343	345	351	396	397	399	405	455	456	459	464	520	521	523	529	543	541	543	542
		Lo PR	127	130	136	148	132	134	141	153	136	138	145	157	138	141	147	159	140	143	150	161	145	152	159	174

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	980	MBh	39.0	39.5	40.7	42.5	37.0	37.5	38.7	40.4	34.5	35.0	36.1	37.7	31.4	31.9	32.9	34.5	28.1	28.6	29.6	31.1	21.9	22.3	21.9	22.0
		S/T	0.97	0.75	0.62	0.48	0.98	0.76	0.63	0.49	1.00	0.80	0.66	0.52	1.01	0.83	0.69	0.55	1.02	0.86	0.72	0.58	1.03	0.96	0.82	0.68
		ΔT	28	26	23	19	28	26	23	19	28	26	23	19	27	25	22	19	27	25	22	18	30	28	24	20
		kW	2.46	2.46	2.45	2.48	2.77	2.76	2.76	2.78	3.10	3.10	3.10	3.12	3.46	3.46	3.45	3.48	3.85	3.85	3.84	3.87	3.04	3.04	2.82	2.67
		Amps	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	13.8	13.8	13.8	13.9	15.5	15.5	15.4	15.5	11.9	11.9	11.0	10.4
		Hi PR	287	288	290	295	337	338	340	345	391	392	394	399	450	451	453	458	514	516	518	523	541	543	541	543
		Lo PR	123	126	132	144	128	130	137	149	132	134	141	153	134	137	143	155	136	139	146	157	140	143	151	167
	1150	MBh	39.6	40.1	41.3	43.1	37.6	38.1	39.2	40.9	35.0	35.6	36.6	38.2	31.9	32.4	**34.0**	35.0	28.6	29.1	30.1	31.6	21.1	21.5	21.2	21.3
		S/T	0.97	0.82	0.69	0.55	0.98	0.84	0.70	0.56	1.00	0.87	0.74	0.60	1.01	0.90	**0.76**	0.62	1.02	0.94	0.80	0.65	1.03	1.03	0.92	0.77
		ΔT	27	25	22	18	27	25	21	18	26	25	21	18	26	24	**21**	17	25	24	20	17	28	26	23	19
		kW	2.48	2.48	2.48	2.50	2.79	2.79	2.78	2.81	3.12	3.12	3.12	3.14	3.48	3.48	**3.50**	3.50	3.87	3.87	3.86	3.89	2.84	2.84	2.66	2.51
		Amps	9.6	9.6	9.6	9.7	10.9	10.9	10.9	11.0	12.4	12.4	12.4	12.5	13.9	13.9	**14.0**	14.0	15.6	15.6	15.5	15.6	11.1	11.1	10.4	9.7
		Hi PR	290	291	293	298	340	341	343	348	394	395	397	402	453	454	**459**	461	517	519	521	526	540	542	541	542
		Lo PR	125	128	134	146	130	133	139	151	134	136	143	155	136	139	**149**	157	138	141	148	159	144	146	157	171
	1320	MBh	40.3	40.9	42.0	43.8	38.3	38.8	40.0	41.7	35.7	36.2	37.3	38.9	32.6	33.1	34.1	35.6	29.3	29.7	30.7	32.2	21.6	21.0	20.7	20.6
		S/T	0.97	0.86	0.73	0.59	0.98	0.88	0.74	0.60	1.00	0.91	0.78	0.63	1.01	0.94	0.81	0.66	1.02	0.98	0.84	0.69	1.03	1.03	0.97	0.82
		ΔT	26	24	21	17	25	24	20	17	25	24	20	17	25	23	20	16	24	22	19	16	27	25	21	17
		kW	2.50	2.50	2.49	2.52	2.81	2.80	2.80	2.82	3.14	3.14	3.13	3.16	3.50	3.49	3.49	3.51	3.89	3.89	3.88	3.91	2.85	2.68	2.50	2.35
		Amps	9.7	9.7	9.6	9.8	11.0	11.0	11.0	11.1	12.5	12.5	12.4	12.5	14.0	14.0	14.0	14.1	15.6	15.6	15.6	15.7	11.2	10.4	9.7	9.1
		Hi PR	292	294	296	301	343	344	346	351	397	398	400	405	456	457	459	464	521	522	524	529	543	541	540	542
		Lo PR	128	130	137	149	132	135	142	154	136	139	145	157	139	141	148	160	141	143	150	162	146	153	161	175
85	980	MBh	39.6	40.2	41.3	43.1	37.7	38.2	39.3	41.0	35.1	35.6	36.7	38.3	32.0	32.5	33.5	35.0	28.7	29.2	30.1	31.6	22.4	21.5	22.3	21.3
		S/T	0.97	0.85	0.72	0.58	0.98	0.86	0.73	0.59	1.00	1.00	0.76	0.62	1.01	1.01	0.79	0.65	1.02	1.02	0.82	0.68	1.03	1.03	0.93	0.80
		ΔT	32	30	27	23	31	30	26	23	31	30	26	23	31	29	26	22	30	28	25	22	34	31	28	24
		kW	2.47	2.47	2.46	2.49	2.77	2.77	2.77	2.79	3.11	3.11	3.10	3.13	3.47	3.46	3.46	3.48	3.86	3.86	3.85	3.87	3.04	2.83	2.83	2.50
		Amps	9.5	9.5	9.5	9.6	10.9	10.9	10.8	10.9	12.3	12.3	12.3	12.4	13.8	13.8	13.8	13.9	15.5	15.5	15.5	15.6	12.0	11.1	11.1	9.7
		Hi PR	288	289	291	296	338	339	342	347	392	393	395	401	451	452	454	460	516	517	519	525	543	540	542	541
		Lo PR	125	127	134	146	130	132	139	151	133	136	143	154	136	139	145	157	138	141	147	159	142	146	153	171
	1150	MBh	40.2	40.8	41.9	43.7	38.2	38.8	39.9	41.6	35.6	36.2	37.2	38.8	32.5	33.0	34.0	35.6	29.2	29.7	30.6	32.1	21.6	21.9	21.6	20.6
		S/T	0.97	0.92	0.79	0.65	0.98	0.94	0.80	0.66	1.00	1.00	0.84	0.70	1.01	1.01	0.87	0.72	1.02	1.02	0.90	0.76	1.03	1.03	1.03	0.89
		ΔT	31	29	25	22	30	28	25	21	30	28	25	21	29	28	24	21	29	27	24	20	32	30	26	22
		kW	2.49	2.49	2.48	2.51	2.80	2.79	2.79	2.81	3.13	3.13	3.12	3.15	3.49	3.48	3.48	3.50	3.88	3.88	3.87	3.90	2.84	2.84	2.67	2.35
		Amps	9.6	9.6	9.6	9.7	11.0	11.0	10.9	11.0	12.4	12.4	12.4	12.5	13.9	13.9	13.9	14.0	15.6	15.6	15.6	15.7	11.1	11.1	10.4	9.1
		Hi PR	291	292	294	299	341	342	345	350	395	396	398	404	454	455	458	463	519	520	522	528	542	543	542	541
		Lo PR	127	130	136	148	132	134	141	153	136	138	145	157	138	141	147	159	140	143	150	161	145	148	159	174
	1320	MBh	41.0	41.5	42.7	44.5	38.9	39.5	40.6	42.3	36.3	36.8	37.9	39.5	33.2	33.6	34.7	36.2	29.8	30.3	31.2	32.7	21.1	21.4	21.0	21.0
		S/T	0.97	0.96	0.83	0.69	0.98	0.98	0.84	0.70	1.00	1.00	0.88	0.73	1.01	1.01	0.91	0.76	1.02	1.02	0.94	0.79	1.03	1.03	1.03	0.94
		ΔT	29	28	24	21	29	27	24	20	29	27	24	20	28	26	23	20	28	26	23	19	30	28	25	21
		kW	2.51	2.50	2.50	2.53	2.81	2.81	2.80	2.83	3.15	3.15	3.14	3.16	3.50	3.50	3.50	3.52	3.90	3.89	3.89	3.91	2.68	2.68	2.51	2.36
		Amps	9.7	9.7	9.7	9.8	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.0	14.0	14.0	14.1	15.7	15.7	15.6	15.7	10.5	10.5	9.7	9.1
		Hi PR	294	295	297	302	344	345	347	352	398	399	401	406	457	458	460	466	522	523	525	531	542	543	542	543
		Lo PR	129	132	139	151	134	137	144	156	138	140	147	159	140	143	150	162	142	145	152	164	152	154	163	177

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.

DH6VSA121MA* / AWVE12SU1300A*
Design Subcooling[1] @ AHRI 95°F Conditions 6-8°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	12,900	9,200	3,700	770
80°	12,600	9,200	3,400	840
85°	12,300	9,100	3,200	910
90°	11,900	8,900	3,000	980
95°	**11,500**	**8,700**	**2,800**	**1,050**
100°	11,100	8,500	2,600	1,140
105°	10,600	8,300	2,300	1,220
110°	10,200	8,200	2,000	1,330
115°	9,800	8,100	1,700	1,430
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**11,100**	**8,500**	**2,600**	**1,050**

[1] This subcooling is based on charge verification mode.

DH6VSA121MA* / AWVE12SU1300A*
Design Subcooling[1] @ AHRI 95°F Conditions 6-8°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	18,200	11,300	6,900	1,250
80°	17,800	11,200	6,600	1,400
85°	17,300	11,100	6,200	1,450
90°	16,800	10,900	5,900	1,600
95°	**16,200**	**10,700**	**5,500**	**1,700**
100°	15,600	10,500	5,100	1,900
105°	15,000	10,200	4,800	2,000
110°	14,400	10,100	4,300	2,200
115°	13,800	9,900	3,900	2,350
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**14,600**	**9,900**	**4,700**	**1,550**

[1] This subcooling is based on charge verification mode.

DH6VSA181MA* / AWVE18SU1300A*
Design Subcooling[1] @ AHRI 95°F Conditions 6-8°F
at 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	18,800	13,900	4,900	1,190
80°	18,400	13,700	4,700	1,280
85°	18,000	13,500	4,500	1,360
90°	17,500	13,200	4,300	1,460
95°	**17,000**	**12,900**	**4,100**	**1,560**
100°	16,400	12,600	3,800	1,670
105°	15,800	12,200	3,600	1,770
110°	15,300	12,100	3,200	1,900
115°	14,700	11,900	2,800	2,030
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**16,400**	**12,600**	**3,800**	**1,560**

[1] This subcooling is based on charge verification mode.

DH6VSA181MA* / AWVE18SU1300A*
Design Subcooling[1] @ AHRI 95°F Conditions 6-8°F
in boost mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	24,100	15,700	8,400	1,750
80°	24,100	15,800	8,300	2,000
85°	24,000	15,800	8,200	2,150
90°	23,300	15,500	7,800	2,300
95°	**22,600**	**15,100**	**7,500**	**2,500**
100°	21,200	14,400	6,800	2,500
105°	19,700	13,600	6,100	2,550
110°	18,300	13,000	5,300	2,500
115°	16,800	12,400	4,400	2,500
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**19,200**	**13,400**	**5,800**	**2,000**

[1] This subcooling is based on charge verification mode.

DH6VSA241MA* / AWVE24SU1300A*
Design Subcooling[1] @ 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°	24,000	17,300	6,700	1,760
80°	23,500	17,300	6,200	1,870
85°	23,000	17,300	5,700	1,980
90°	22,300	17,000	5,300	2,100
95°	**21,600**	**16,600**	**5,000**	**2,210**
100°	20,800	16,200	4,600	2,350
105°	20,000	15,800	4,200	2,480
110°	19,300	15,800	3,500	2,640
115°	18,500	15,700	2,800	2,800
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**20,800**	**16,200**	**4,600**	**2,220**

[1] This subcooling is based on charge verification mode.

DH6VSA241MA* / AWVE24SU1300A*
Design Subcooling[1] @ 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°	26,100	17,700	8,400	1,950
80°	25,600	17,800	7,800	2,100
85°	25,000	17,800	7,200	2,200
90°	24,200	17,500	6,700	2,400
95°	**23,400**	**17,100**	**6,300**	**2,500**
100°	22,600	16,700	5,900	2,700
105°	21,700	16,300	5,400	2,800
110°	20,900	16,300	4,600	3,000
115°	20,100	16,300	3,800	3,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**22,600**	**16,700**	**5,900**	**2,500**

[1] This subcooling is based on charge verification mode.

DH6VSA301MA* / AWVE30LU1300A* Design Subcooling[1] @ 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°	31,600	23,100	8,500	2,320
80°	30,900	22,900	8,000	2,460
85°	30,100	22,600	7,500	2,600
90°	29,100	22,000	7,100	2,750
95°	**28,400**	**21,600**	**6,800**	**2,920**
100°	27,000	20,700	6,300	3,070
105°	25,900	19,900	6,000	3,230
110°	24,900	19,700	5,200	3,430
115°	23,900	19,400	4,500	3,620
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**27,100**	**20,900**	**6,200**	**2,900**

[1] This subcooling is based on charge verification mode.

DH6VSA301MA* / AWVE30LU1300A* Design Subcooling[1] @ 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°	33,300	25,000	8,300	2,500
80°	32,600	24,800	7,800	2,700
85°	31,800	24,500	7,300	2,800
90°	30,800	23,900	6,900	3,000
95°	**29,700**	**23,200**	**6,500**	**3,150**
100°	28,500	22,400	6,100	3,300
105°	27,300	21,600	5,700	3,500
110°	26,300	21,400	4,900	3,700
115°	25,200	21,200	4,000	3,950
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**28,600**	**22,600**	**6,000**	**3,150**

[1] This subcooling is based on charge verification mode.

DH6VSA361MA* / AWVE36LU1300A* Design Subcooling[1] @ 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°	39,200	27,400	11,800	2,780
80°	37,900	27,300	10,600	2,950
85°	36,600	27,100	9,500	3,120
90°	35,300	26,500	8,800	3,310
95°	**34,000**	**25,800**	**8,200**	**3,500**
100°	32,100	25,000	7,100	3,680
105°	30,100	24,100	6,000	3,860
110°	25,700	21,800	3,900	3,260
115°	21,200	19,500	1,700	2,660
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**32,200**	**25,100**	**7,100**	**3,480**

[1] This subcooling is based on charge verification mode.

DH6VSA361MA* / AWVE36LU1300A* Design Subcooling[1] @ 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°	40,200	28,500	11,700	3,100
80°	38,900	28,300	10,600	3,300
85°	37,500	28,100	9,400	3,450
90°	35,900	27,400	8,500	3,700
95°	**34,200**	**26,700**	**7,500**	**3,850**
100°	32,500	25,800	6,700	4,100
105°	30,800	24,900	5,900	4,300
110°	26,000	22,200	3,800	3,500
115°	21,200	19,500	1,700	2,700
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**33,000**	**26,100**	**6,900**	**3,850**

[1] This subcooling is based on charge verification mode.

DH6VSA121MA* + AWVE12SU1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	15.9	14.6	13.5	12.5	12.0	11.7	10.9	17.5	16.5	15.5	14.4	13.8	13.3	12.2	11.0	9.8	8.6	6.7
T/R	35	32	30	28	26	26	24	38	36	34	32	30	29	27	24	21	18	14
KW	1.19	1.16	1.14	1.11	1.10	1.09	1.07	1.99	1.94	1.88	1.82	1.79	1.76	1.69	1.61	1.54	1.45	0.96
AMPS	4.3	4.2	4.1	4.0	3.9	3.9	3.8	8.4	8.2	7.9	7.7	7.5	7.4	7.1	6.8	6.4	6.0	3.8
COP	3.90	3.68	3.48	3.30	3.20	3.13	2.98	2.58	2.50	2.41	2.32	2.26	2.22	2.11	2.00	1.86	1.73	2.05
Hi PR	400	383	368	355	349	344	335	420	408	396	384	376	371	357	340	325	307	277
LO PR	167	150	136	123	116	112	102	87	80	73	66	62	59	52	46	39	34	30

DH6VSA181MA* + AWVE18SU1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	25.1	21.7	19.4	17.8	17.2	16.9	16.3	21.4	19.9	18.4	17.0	16.2	15.6	14.2	13.0	11.6	10.3	9.2
T/R	39	33	30	27	26	26	25	35	32	30	27	26	25	23	21	18	16	14
KW	1.83	1.72	1.64	1.60	1.58	1.57	1.55	2.48	2.38	2.28	2.18	2.12	2.09	1.99	1.91	1.80	1.71	1.62
AMPS	7.0	6.6	6.3	6.1	6.0	5.9	5.8	10.9	10.4	9.9	9.5	9.2	9.0	8.6	8.2	7.7	7.3	6.8
COP	4.02	3.70	3.45	3.28	3.20	3.16	3.09	2.53	2.45	2.37	2.28	2.23	2.19	2.09	2.00	1.88	1.77	1.66
Hi PR	446	411	387	372	366	363	358	420	404	389	374	366	360	346	333	317	301	285
LO PR	166	145	129	116	109	106	98	82	75	69	62	58	55	49	44	39	36	35

DH6VSA241MA* + AWVE24SU1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.5	26.2	24.2	22.5	21.6	21.0	19.7	22.3	20.9	19.6	18.2	17.4	16.8	15.4	14.0	12.5	11.1	9.9
T/R	35	32	29	27	26	25	24	26	24	23	21	20	19	18	16	14	12	10
KW	2.16	2.10	2.05	2.00	1.98	1.96	1.92	2.41	2.35	2.29	2.23	2.19	2.16	2.10	2.05	1.99	1.94	1.90
AMPS	8.5	8.3	8.0	7.8	7.7	7.6	7.5	8.7	8.4	8.2	7.9	7.8	7.7	7.4	7.2	6.9	6.7	6.5
COP	3.87	3.65	3.46	3.29	3.20	3.14	3.01	2.71	2.61	2.51	2.40	2.33	2.28	2.14	2.00	1.84	1.68	1.53
Hi PR	399	382	367	355	349	345	336	335	327	320	312	307	303	295	286	277	269	262
LO PR	152	135	121	109	103	100	92	74	68	63	58	55	53	48	44	39	35	32

DH6VSA301MA* + AWVE30LU1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	29.1	27.8	26.4	25.6	25.0	23.6	24.5	22.9	21.5	20.2	19.5	19.1	17.9	16.6	15.5	14.0	12.2
T/R	31	30	28	27	26	25	24	26	24	22	21	20	20	19	17	16	14	12
KW	2.44	2.43	2.41	2.37	2.34	2.33	2.27	2.86	2.77	2.70	2.64	2.60	2.58	2.51	2.43	2.35	2.23	2.07
AMPS	9.4	9.3	9.2	9.1	8.9	8.9	8.6	11.1	10.7	10.4	10.2	10.0	9.9	9.7	9.3	9.0	8.4	7.8
COP	3.62	3.50	3.38	3.27	3.20	3.15	3.04	2.51	2.42	2.33	2.25	2.20	2.17	2.09	2.00	1.93	1.84	1.73
Hi PR	360	357	352	345	340	336	327	327	318	311	305	303	301	297	291	285	275	259
LO PR	153	134	120	108	102	99	91	78	71	64	58	55	52	47	42	37	33	29

DH6VSA361MA* + AWVE36LU1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	41.6	39.2	37.1	35.4	34.4	33.8	32.2	28.9	26.5	24.3	22.5	21.4	20.8	19.3	17.6	15.9	13.5	10.3
T/R	35	32	31	29	28	28	27	26	24	22	20	19	18	17	16	14	12	9
KW	3.46	3.36	3.27	3.19	3.15	3.12	3.05	3.18	3.06	2.94	2.84	2.79	2.75	2.67	2.58	2.51	2.41	2.28
AMPS	13.2	12.8	12.4	12.1	11.9	11.8	11.5	11.9	11.3	10.9	10.5	10.2	10.1	9.8	9.4	9.1	8.7	8.2
COP	3.52	3.42	3.33	3.25	3.20	3.17	3.09	2.66	2.54	2.42	2.31	2.25	2.21	2.12	2.00	1.86	1.65	1.33
Hi PR	390	382	373	365	359	355	346	330	317	308	301	298	296	291	285	276	259	232
LO PR	162	133	113	101	97	95	91	76	69	63	58	54	52	47	43	39	38	39

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

DH6VSA121MA* + AWVE12SU1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	22.5	23.0	22.8	20.9	20.1	19.6	18.5	Same as normal heating mode
T/R	46	47	46	46	44	43	41	
KW	1.95	2.19	2.26	2.20	2.15	2.12	2.05	
AMPS	8.1	9.1	9.4	9.4	9.2	9.0	8.7	
COP	3.38	3.09	2.95	2.78	2.74	2.71	2.65	
Hi PR	472	481	478	465	454	448	433	
LO PR	157	138	125	115	109	105	95	

DH6VSA181MA* + AWVE18SU1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	29.5	28.8	27.2	26.4	25.4	24.8	23.4	Same as normal heating mode
T/R	43	42	40	39	37	36	34	
KW	2.19	2.49	2.51	2.60	2.53	2.49	2.39	
AMPS	8.9	10.2	10.3	10.7	10.4	10.2	9.7	
COP	3.95	3.38	3.17	2.98	2.94	2.92	2.86	
Hi PR	484	481	464	457	445	438	423	
LO PR	159	137	122	109	103	100	92	

DH6VSA241MA* + AWVE24SU1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	34.3	31.3	28.9	26.9	25.8	25.2	23.7	Same as normal heating mode
T/R	67	61	56	52	50	49	46	
KW	2.92	2.80	2.70	2.62	2.57	2.54	2.48	
AMPS	10.8	10.3	9.9	9.5	9.3	9.2	9.0	
COP	3.45	3.28	3.13	3.01	2.94	2.90	2.80	
Hi PR	414	393	377	364	357	353	344	
LO PR	126	113	103	94	89	86	80	

DH6VSA301MA* + AWVE30LU1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	40.2	36.7	33.6	30.9	29.4	28.4	26.3	Same as normal heating mode
T/R	43	39	35	32	31	30	28	
KW	3.84	3.61	3.41	3.24	3.14	3.09	2.96	
AMPS	15.2	14.3	13.4	12.7	12.3	12.1	11.5	
COP	3.07	2.98	2.89	2.79	2.74	2.70	2.60	
Hi PR	433	411	390	371	360	354	339	
LO PR	145	129	115	104	98	94	85	

DH6VSA361MA* + AWVE36LU1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 or lower
MBh	42.5	41.4	39.5	37.0	35.4	34.3	31.5	Same as normal heating mode
T/R	39	39	37	34	33	32	29	
KW	3.94	3.85	3.73	3.60	3.52	3.46	3.32	
AMPS	15.0	14.7	14.2	13.6	13.3	13.0	12.4	
COP	3.16	3.15	3.10	3.01	2.95	2.91	2.79	
Hi PR	406	404	393	378	368	362	345	
LO PR	130	116	105	96	92	89	82	

DH6VSA121MA* + AWVE12SU1300A*

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	7.6	1.23	7.5	1.28	7.4	1.32	6.7	0.96	6.8	0.99	5.4	0.84
-5	8.8	1.32	8.7	1.38	8.6	1.42	8.6	1.45	7.8	1.05	7.8	1.10
0	10.0	1.40	9.9	1.46	9.8	1.51	9.8	1.54	9.7	1.57	9.6	1.62
5	11.3	1.47	11.2	1.54	11.1	1.59	11.0	1.61	10.9	1.65	10.8	1.71
10	12.5	1.54	12.4	1.61	12.3	1.66	12.2	1.69	12.1	1.73	12.0	1.78
15	13.7	1.60	13.5	1.67	13.4	1.73	13.3	1.76	13.3	1.80	13.1	1.85
17	14.2	1.63	14.0	1.70	13.9	1.75	13.8	1.79	13.7	1.82	13.6	1.88
20	14.8	1.66	14.7	1.73	14.5	1.79	14.4	1.82	14.3	1.86	14.2	1.92
25	15.9	1.71	15.7	1.79	15.6	1.84	15.5	1.88	15.4	1.92	15.3	1.98
30	16.9	1.76	16.8	1.84	16.6	1.90	16.5	1.94	16.4	1.98	16.3	2.04
35	18.0	1.81	17.8	1.89	17.6	1.95	17.5	1.99	17.4	2.03	17.2	2.10
40	11.1	0.97	11.0	1.01	10.9	1.05	10.9	1.07	10.8	1.09	10.7	1.12
45	12.0	0.99	11.8	1.04	11.7	1.07	11.7	1.09	11.6	1.11	11.5	1.15
47	12.3	1.00	12.2	1.04	12.1	1.08	**12.0**	**1.10**	11.9	1.12	11.8	1.16
50	12.9	1.01	12.7	1.06	12.6	1.09	12.5	1.11	12.5	1.14	12.3	1.17
55	13.9	1.03	13.7	1.08	13.6	1.11	13.5	1.14	13.4	1.16	13.3	1.20
60	15.0	1.06	14.8	1.10	14.7	1.14	14.6	1.16	14.5	1.19	14.4	1.22
65	16.3	1.08	16.1	1.13	16.0	1.17	15.9	1.19	15.8	1.22	15.6	1.25

DH6VSA181MA* + AWVE18SU1300A*

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	9.4	1.48	9.3	1.54	9.2	1.59	9.2	1.62	9.1	1.65	9.0	1.70
-5	10.6	1.56	10.4	1.63	10.4	1.68	10.3	1.71	10.3	1.74	10.2	1.79
0	11.8	1.65	11.7	1.72	11.6	1.77	11.6	1.80	11.5	1.84	11.4	1.89
5	13.2	1.74	13.0	1.81	12.9	1.86	13.0	1.91	12.8	1.94	12.7	1.99
10	14.6	1.82	14.4	1.90	14.3	1.95	14.2	1.99	14.1	2.03	14.0	2.09
15	16.0	1.91	15.8	1.99	15.7	2.05	15.6	2.09	15.5	2.13	15.4	2.19
17	16.5	1.94	16.4	2.02	16.2	2.08	16.2	2.12	16.1	2.17	15.9	2.23
20	17.4	1.99	17.2	2.08	17.1	2.14	17.0	2.18	16.9	2.22	16.8	2.29
25	18.9	2.08	18.7	2.17	18.5	2.23	18.4	2.28	18.3	2.32	18.2	2.39
30	20.4	2.17	20.1	2.26	20.0	2.33	19.9	2.38	19.8	2.42	19.6	2.49
35	21.9	2.27	21.7	2.36	21.5	2.43	21.4	2.48	19.4	2.34	19.3	2.41
40	16.7	1.41	16.5	1.47	16.4	1.52	16.3	1.55	16.2	1.58	16.1	1.62
45	17.3	1.43	17.1	1.49	17.0	1.53	16.9	1.57	16.8	1.60	16.7	1.64
47	17.6	1.44	17.4	1.50	17.3	1.54	**17.2**	**1.58**	17.1	1.61	17.0	1.65
50	18.3	1.46	18.1	1.52	17.9	1.56	17.8	1.60	17.7	1.63	17.6	1.67
55	19.8	1.50	19.6	1.56	19.5	1.61	19.4	1.64	19.3	1.68	19.1	1.72
60	22.2	1.57	22.0	1.64	21.8	1.68	21.7	1.72	21.6	1.75	21.4	1.80
65	25.7	1.67	25.4	1.74	25.2	1.79	25.1	1.83	25.0	1.86	24.8	1.92

DH6VSA241MA* + AWVE24SU1300A*

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	10.1	1.74	10.0	1.81	10.0	1.86	9.9	1.90	9.9	1.93	9.8	1.98
-5	11.3	1.78	11.3	1.85	11.2	1.90	11.1	1.94	11.1	1.97	11.0	2.03
0	12.7	1.83	12.6	1.90	12.5	1.95	12.5	1.99	12.4	2.02	12.3	2.08
5	14.2	1.88	14.1	1.95	14.0	2.01	14.0	2.05	13.9	2.08	13.8	2.14
10	15.7	1.93	15.6	2.01	15.4	2.07	15.4	2.10	15.3	2.14	15.2	2.20
15	17.2	1.99	17.0	2.07	16.9	2.13	16.8	2.16	16.8	2.20	16.6	2.27
17	17.7	2.01	17.6	2.09	17.5	2.15	17.4	2.19	17.3	2.23	17.2	2.29
20	18.6	2.04	18.4	2.12	18.3	2.19	18.2	2.23	18.2	2.27	18.0	2.33
25	20.0	2.10	19.8	2.18	19.7	2.25	19.6	2.29	19.5	2.33	19.4	2.39
30	21.3	2.16	21.2	2.24	21.0	2.31	20.9	2.35	20.8	2.39	20.7	2.46
35	22.7	2.21	22.5	2.30	22.4	2.37	22.3	2.41	22.2	2.46	22.0	2.52
40	20.1	1.77	20.0	1.83	19.8	1.89	19.7	1.92	19.7	1.96	19.5	2.01
45	21.5	1.80	21.3	1.87	21.1	1.93	21.0	1.96	20.9	2.00	20.8	2.05
47	22.0	1.82	21.8	1.89	21.7	1.94	**21.6**	**1.98**	21.5	2.01	21.4	2.07
50	22.9	1.84	22.7	1.91	22.6	1.97	22.5	2.00	22.4	2.04	22.2	2.10
55	24.7	1.88	24.4	1.96	24.3	2.01	24.2	2.05	24.1	2.09	23.9	2.15
60	26.7	1.93	26.4	2.01	26.3	2.06	26.2	2.10	26.0	2.14	25.9	2.20
65	29.1	1.98	28.8	2.06	28.6	2.12	28.5	2.16	28.4	2.20	28.2	2.26

DH6VSA121MA* + AWVE12SU1300A*

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	19.0	1.87	18.8	1.95	18.7	2.01	18.5	2.05	18.4	2.10	18.3	2.16
45	20.2	1.93	19.9	2.02	19.8	2.08	19.6	2.12	19.5	2.17	19.3	2.23
47	20.6	1.96	20.4	2.04	20.2	2.11	20.1	2.15	20.0	2.20	19.8	2.27
50	21.4	2.00	21.2	2.09	21.0	2.16	20.9	2.20	20.7	2.25	19.7	2.11
55	22.8	2.09	22.6	2.18	22.4	2.25	22.8	2.26	21.3	2.13	20.3	2.06
60	24.5	2.20	24.2	2.29	23.2	2.14	23.0	2.19	22.1	2.08	20.5	1.97
65	26.5	2.32	25.2	2.17	24.1	2.09	22.5	1.95	22.4	1.99	20.5	1.71

DH6VSA181MA* + AWVE18SU1300A*

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	23.5	2.37	23.3	2.47	23.5	2.34	23.4	2.39	23.2	2.44	23.1	2.51
45	25.2	2.48	25.1	2.37	24.9	2.44	24.8	2.49	24.7	2.54	24.5	2.61
47	26.0	2.31	25.8	2.41	25.6	2.48	25.4	2.53	25.3	2.58	25.1	2.66
50	27.1	2.38	26.8	2.48	26.6	2.55	26.4	2.60	26.3	2.65	24.9	2.51
55	29.1	2.50	28.8	2.61	28.6	2.68	27.2	2.51	27.0	2.56	25.9	2.48
60	31.5	2.65	30.0	2.53	29.8	2.60	28.8	2.49	27.7	2.38	25.7	2.16
65	33.5	2.59	32.4	2.53	30.5	2.29	29.5	2.19	27.3	1.92	25.8	1.78

DH6VSA241MA* + AWVE24SU1300A*

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	24.1	2.27	23.9	2.36	23.8	2.43	23.7	2.48	23.6	2.52	23.4	2.59
45	25.7	2.34	25.5	2.43	25.3	2.50	25.2	2.54	25.1	2.59	24.9	2.66
47	26.3	2.36	26.1	2.46	25.9	2.53	25.8	2.57	25.7	2.62	25.5	2.69
50	27.4	2.41	27.2	2.50	27.0	2.57	26.9	2.62	26.8	2.67	26.6	2.74
55	29.5	2.48	29.2	2.58	29.0	2.65	28.9	2.70	28.8	2.75	28.6	2.83
60	31.9	2.57	31.7	2.67	31.4	2.75	31.3	2.80	31.2	2.85	31.0	2.93
65	35.0	2.68	34.7	2.78	34.4	2.86	34.3	2.92	34.1	2.97	33.9	3.05

DH6VSA301MA* + AWVE30LU1300A*

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	12.5	1.91	12.4	1.98	12.3	2.03	12.2	2.07	12.1	2.10	12.1	2.16
-5	14.3	2.06	14.2	2.13	14.1	2.19	14.0	2.23	13.9	2.27	13.8	2.33
0	15.8	2.17	15.7	2.25	15.5	2.31	15.5	2.35	15.4	2.39	15.3	2.45
5	17.1	2.26	17.0	2.34	16.8	2.40	16.6	2.43	16.7	2.48	16.5	2.55
10	18.3	2.32	18.1	2.41	18.0	2.47	17.9	2.51	17.8	2.56	17.7	2.63
15	19.5	2.38	19.3	2.47	19.2	2.53	19.1	2.58	19.0	2.62	18.8	2.69
17	20.0	2.40	19.8	2.49	19.6	2.55	19.5	2.60	19.4	2.65	19.3	2.72
20	20.7	2.44	20.5	2.52	20.3	2.59	20.2	2.64	20.1	2.68	20.0	2.75
25	22.0	2.50	21.7	2.58	21.6	2.65	21.5	2.70	21.4	2.75	21.2	2.82
30	23.4	2.56	23.2	2.65	23.0	2.72	22.9	2.77	22.8	2.82	22.6	2.89
35	25.0	2.64	24.8	2.74	24.6	2.81	24.5	2.86	24.3	2.91	24.2	2.98
40	24.1	2.10	23.8	2.18	23.7	2.23	23.6	2.27	23.4	2.31	23.3	2.37
45	25.6	2.15	25.3	2.23	25.1	2.29	25.0	2.33	24.9	2.37	24.7	2.43
47	26.2	2.17	25.9	2.25	25.7	2.30	**25.6**	**2.34**	25.5	2.39	25.3	2.45
50	27.0	2.19	26.8	2.27	26.6	2.33	26.4	2.37	26.3	2.41	26.1	2.48
55	28.4	2.23	28.1	2.31	27.9	2.37	27.8	2.41	27.6	2.45	27.4	2.52
60	29.7	2.25	29.4	2.33	29.2	2.39	29.1	2.43	28.9	2.47	28.7	2.54
65	30.9	2.26	30.6	2.34	30.3	2.40	30.2	2.44	30.0	2.48	29.8	2.55

DH6VSA361MA* + AWVE36LU1300A*

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	10.5	2.11	10.4	2.19	10.4	2.24	10.3	2.28	10.3	2.32	10.2	2.38
-5	13.8	2.23	13.7	2.31	13.6	2.37	13.5	2.41	13.5	2.45	13.4	2.51
0	16.2	2.32	16.1	2.40	16.0	2.46	15.9	2.51	15.8	2.55	15.7	2.62
5	18.1	2.40	17.9	2.49	17.8	2.55	17.6	2.58	17.6	2.64	17.5	2.71
10	19.7	2.48	19.5	2.56	19.4	2.63	19.3	2.67	19.2	2.72	19.1	2.79
15	21.2	2.55	21.0	2.64	20.9	2.71	20.8	2.75	20.7	2.80	20.6	2.87
17	21.9	2.59	21.7	2.67	21.5	2.74	21.4	2.79	21.4	2.84	21.2	2.91
20	22.9	2.64	22.7	2.73	22.6	2.80	22.5	2.84	22.4	2.89	22.2	2.97
25	24.8	2.73	24.6	2.82	24.4	2.89	24.3	2.94	24.2	2.99	24.1	3.07
30	27.0	2.84	26.8	2.93	26.6	3.01	26.5	3.06	26.4	3.11	26.2	3.19
35	29.5	2.95	29.2	3.05	29.0	3.13	28.9	3.18	28.8	3.24	28.6	3.32
40	32.8	2.83	32.5	2.92	32.3	3.00	32.2	3.05	32.0	3.10	31.8	3.18
45	34.5	2.90	34.1	2.99	33.9	3.07	33.8	3.12	33.6	3.17	33.4	3.26
47	35.1	2.92	34.8	3.02	34.6	3.10	**34.4**	**3.15**	34.3	3.20	34.0	3.29
50	36.1	2.96	35.8	3.06	35.5	3.14	35.4	3.19	35.2	3.25	35.0	3.33
55	37.9	3.04	37.6	3.14	37.3	3.22	37.1	3.27	37.0	3.33	36.7	3.42
60	40.0	3.12	39.6	3.22	39.4	3.31	39.2	3.36	39.0	3.42	38.8	3.51
65	42.5	3.21	42.1	3.32	41.8	3.41	41.6	3.46	41.4	3.52	41.2	3.62

DH6VSA301MA* + AWVE30LU1300A*

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	26.9	2.74	26.6	2.84	26.4	2.91	26.3	2.96	26.2	3.01	26.0	3.09
45	29.1	2.86	28.8	2.96	28.6	3.03	28.4	3.09	28.3	3.14	28.1	3.23
47	30.0	2.91	29.7	3.01	29.5	3.09	29.4	3.14	29.2	3.20	29.0	3.28
50	31.5	2.99	31.2	3.10	31.0	3.18	30.9	3.24	30.7	3.29	30.5	3.38
55	34.4	3.15	34.0	3.27	33.8	3.35	33.6	3.41	33.4	3.47	33.2	3.56
60	37.6	3.34	37.2	3.46	36.9	3.55	36.7	3.61	36.5	3.67	36.3	3.77
65	41.1	3.55	40.7	3.67	40.4	3.77	40.2	3.84	40.0	3.90	39.7	4.01

DH6VSA361MA* + AWVE36LU1300A*

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	32.2	3.08	31.9	3.18	31.7	3.26	31.5	3.32	31.4	3.37	31.2	3.46
45	35.0	3.21	34.7	3.32	34.5	3.40	34.3	3.46	34.2	3.52	33.9	3.61
47	36.1	3.26	35.8	3.37	35.6	3.46	35.4	3.52	35.3	3.58	35.0	3.67
50	37.8	3.34	37.4	3.45	37.2	3.54	37.0	3.60	36.9	3.66	36.6	3.76
55	40.3	3.46	39.9	3.58	39.7	3.67	39.5	3.73	39.3	3.80	39.1	3.90
60	42.3	3.57	41.9	3.69	41.6	3.79	41.4	3.85	41.2	3.91	41.0	4.02
65	43.4	3.65	43.0	3.77	42.7	3.87	42.5	3.94	42.3	4.00	42.0	4.11

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.

DH6VSA121MA* + AWVE12SU1300A*

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
450	61	334	61	341	65	352	72	362	79	373	87	297	102	306	111	309	116	315	122	327	135	340	149	355	166
	65	352	61	359	65	371	72	382	80	394	87	314	102	323	112	327	116	333	123	345	135	358	150	375	167
	68	367	61	374	66	386	73	398	80	410	87	326	102	336	112	340	116	346	123	359	136	373	150	390	167
	70	376	62	384	66	396	73	408	80	420	87	335	102	344	112	349	116	355	123	368	136	383	150	400	167
	72	386	62	394	66	406	73	418	80	431	87	343	102	353	112	357	116	364	123	377	136	392	151	410	167
	75	401	62	409	66	422	73	435	80	448	88	357	103	367	112	371	117	379	124	392	136	408	151	426	168

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

DH6VSA181MA* + AWVE18SU1300A*

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
610	61	325	58	333	62	346	68	359	75	374	82	318	97	323	105	325	109	331	115	344	128	366	144	396	165
	65	343	58	351	62	365	68	379	75	394	82	336	97	340	105	343	109	349	115	363	128	385	145	418	165
	68	356	58	365	62	379	68	394	75	409	82	349	98	353	106	356	109	362	116	377	128	400	145	434	166
	70	366	58	374	62	389	69	404	75	420	82	358	98	363	106	366	109	372	116	387	129	411	145	446	166
	72	375	58	384	62	399	69	414	75	413	83	367	98	372	106	375	110	381	116	397	129	421	145	457	166
	75	389	58	398	62	414	69	430	76	429	83	381	98	386	106	389	110	396	116	412	129	437	145	474	166

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

DH6VSA241MA* + AWVE24SU1300A*

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
830	61	273	55	278	58	285	63	292	68	299	73	299	91	307	99	310	103	316	109	327	120	340	134	356	151
	65	288	55	292	58	300	63	307	68	315	73	315	91	323	99	327	103	333	109	345	121	358	135	375	152
	68	299	55	304	58	312	63	319	68	327	74	327	91	336	100	340	103	346	109	358	121	372	135	389	152
	70	307	55	312	58	320	63	327	68	335	74	336	92	345	100	349	103	355	109	367	121	382	135	399	152
	72	314	55	320	58	328	63	336	68	344	74	344	92	353	100	357	104	364	110	377	121	392	135	409	153
	75	327	55	332	58	340	63	349	69	357	74	357	92	367	100	371	104	378	110	391	122	407	136	425	153

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

DH6VSA301MA* + AWVE30LU1300A*

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
1000	61	270	54	273	58	277	64	284	70	292	77	292	90	300	98	303	101	308	107	314	119	319	133	322	152
	65	285	54	287	58	292	64	299	70	308	77	308	91	316	98	319	102	324	107	331	119	336	134	339	152
	68	295	55	298	58	303	64	310	71	319	78	319	91	328	99	332	102	336	108	343	119	348	134	352	153
	70	303	55	305	58	311	64	318	71	327	78	327	91	336	99	340	102	345	108	352	120	357	134	360	153
	72	310	55	313	58	319	64	326	71	336	78	335	91	345	99	348	103	353	108	361	120	366	135	369	153
	75	322	55	325	59	330	65	338	71	348	78	348	92	357	99	361	103	366	109	374	120	379	135	383	154

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

DH6VSA361MA* + AWVE36LU1300A*

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
1150	61	263	54	266	57	272	63	281	69	292	75	306	91	314	94	318	96	322	101	330	113	338	132	345	161
	65	278	54	281	57	288	63	297	69	308	75	323	91	332	94	336	96	341	101	349	113	357	132	365	161
	68	290	54	293	57	300	63	309	69	321	75	337	91	346	95	350	97	355	101	363	113	372	133	380	162
	70	298	54	301	58	308	63	317	69	330	76	346	91	355	95	359	97	365	101	373	113	382	133	390	162
	72	306	54	309	58	316	64	326	70	339	76	355	92	365	95	369	97	374	101	383	113	392	133	401	162
	75	318	54	321	58	329	64	339	70	352	76	369	92	380	95	383	97	389	101	399	114	408	133	417	162

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
1.0 ton	61	48.1	53.4	57.3	55.2	48.8	41.6	36.9
1.5-ton	61	48.1	53.4	57.3	55.2	48.8	41.6	36.9
2-ton	64	48.2	58.2	61.0	56.1	49.2	43.7	39.4
2.5-ton	67	57.9	58.4	62.9	61.1	55.1	48.3	41.2
3-ton	68	56.3	60.0	64.3	61.3	56.9	53.7	45.8

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

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
1.0 ton	61	48.6	52.4	57.5	55.2	48.9	44.9	40.6
1.5-ton	61	48.6	52.4	57.5	55.2	48.9	44.9	40.6
2-ton	63	50.1	56.1	59.0	56.6	51.2	48.9	40.5
2.5-ton	70	56.6	61.8	65.8	64.9	58.7	52.4	45.0
3-ton	71	58.4	63.3	66.1	65.8	60.0	58.1	48.4

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

Quiet mode_Cooling

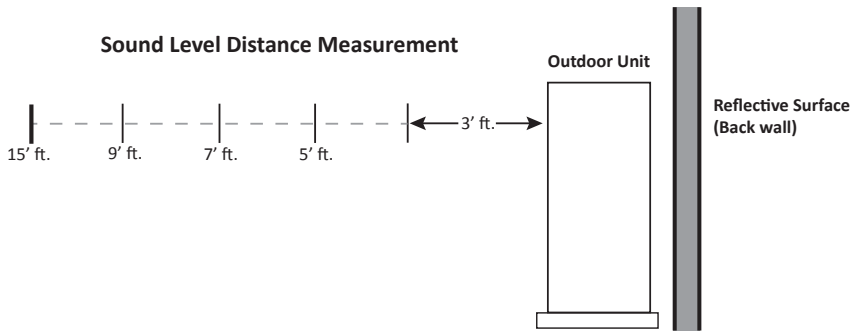
Tonnage	Sound suppression level	Sound Power Level (dBA)1	Sound Pressure Level (dBA)2	Capacity Decrease
1.0-ton	LV.1	63	46	~5%
	LV.2	60	43	~10%
	LV.3	57	40	~20%
1.5-ton	LV.1	63	46	~5%
	LV.2	60	43	~20%
	LV.3	57	40	~40%
2-ton	LV.1	64	47	~5%
	LV.2	61	44	~35%
	LV.3	58	41	~45%
2.5-ton	LV.1	65	51	~5%
	LV.2	62	48	~30%
	LV.3	59	45	~45%
3-ton	LV.1	65	51	~5%
	LV.2	62	48	~35%
	LV.3	59	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
1.0-ton	LV.1	65	48	~5%
	LV.2	62	45	~10%
	LV.3	59	42	~15%
1.5-ton	LV.1	65	48	~5%
	LV.2	62	45	~15%
	LV.3	59	42	~40%
2-ton	LV.1	66	49	~15%
	LV.2	63	46	~35%
	LV.3	60	43	~45%
2.5-ton	LV.1	67	53	~10%
	LV.2	64	50	~40%
	LV.3	59	45	~55%
3-ton	LV.1	67	53	~15%
	LV.2	64	50	~40%
	LV.3	59	45	~55%

[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'
1.0 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
1.5 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
2.0 Ton	0	57	52	49	47	43
	1	60	55	52	50	46
	2	63	58	55	53	49
2.5 Ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
3.0 Ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53

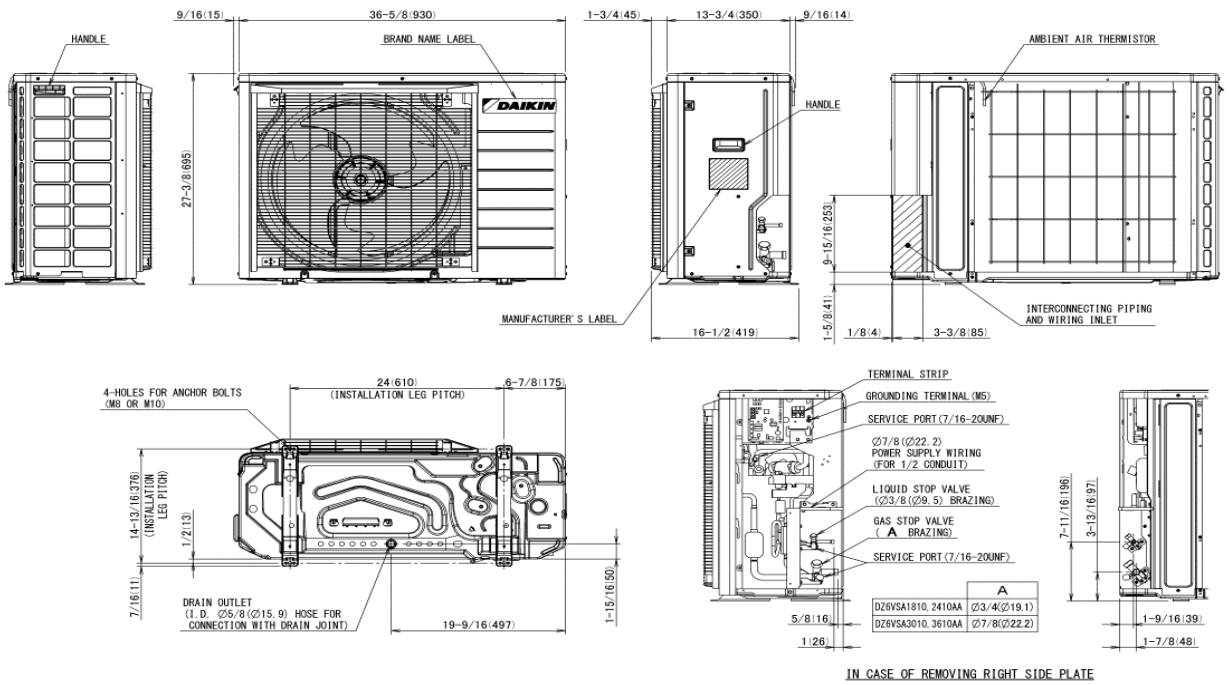
[1] Compliant with AHRI 275 utilizing standard mode, total sound levels

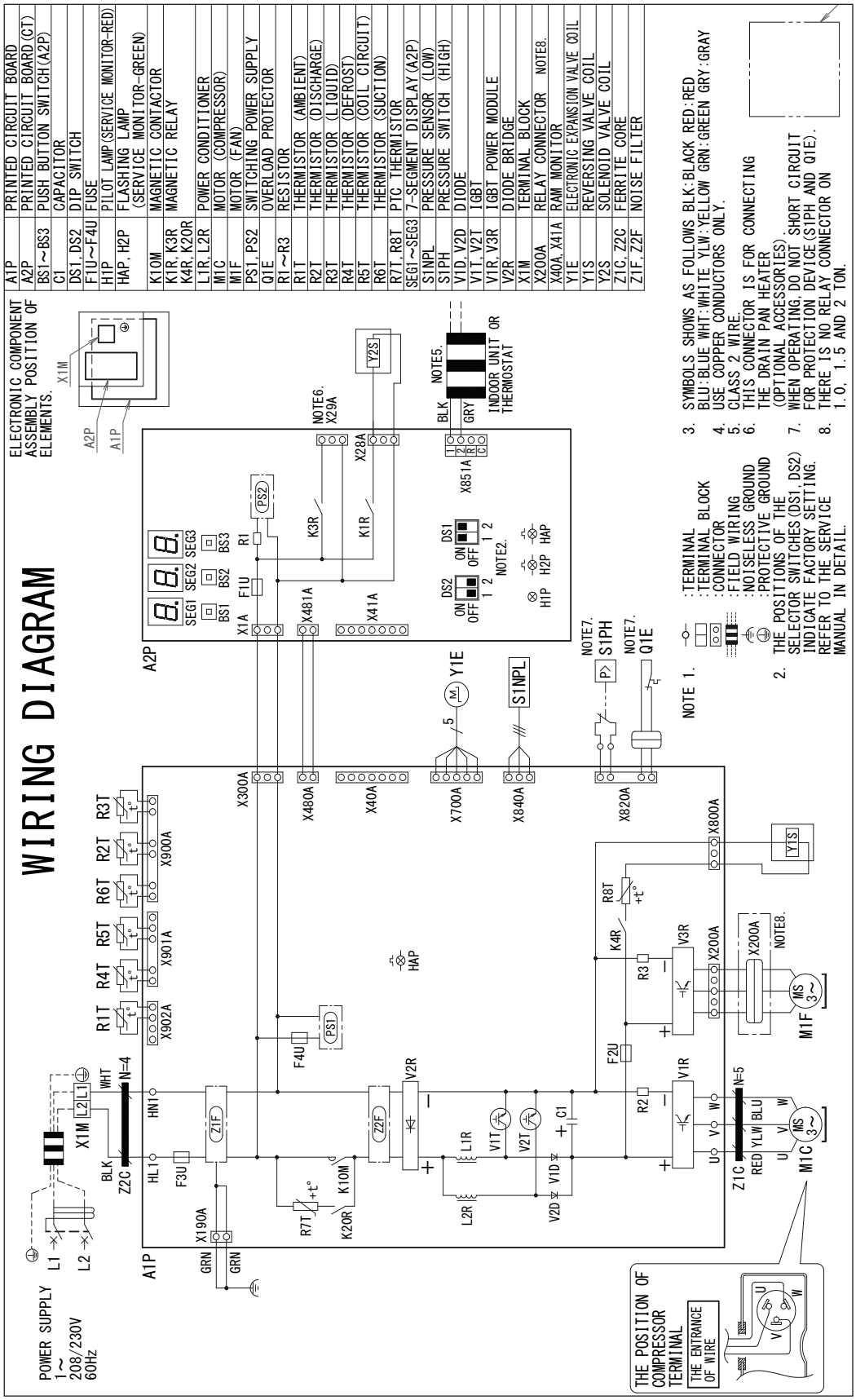
		Sound Pressure (dBA) Heating Mode[1]				
		Distance From Property Line				
Tonnage	Reflective Surface Qty.	3'	5'	7'	9'	15'
1.0 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
1.5 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
2.0 Ton	0	56	51	48	46	42
	1	59	54	51	49	45
	2	62	57	54	52	48
2.5 Ton	0	63	58	55	53	49
	1	66	61	58	56	52
	2	69	64	61	59	55
3.0 Ton	0	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56

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

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

MODEL	DIMENSIONS		
	W"	D"	H"
DH6VSA121MA*	36⅝	13¾	27⅜
DH6VSA181MA*	36⅝	13¾	27⅜
DH6VSA241MA*	36⅝	13¾	27⅜
DH6VSA301MA*	36⅝	13¾	27⅜
DH6VSA361MA*	36⅝	13¾	27⅜





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

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

Model	Description	DH6VSA 121MA*	DH6VSA 181MA*	DH6VSA 241MA*	DH6VSA 301MA*	DH6VS A361MA*
KPW5G112	Wind Baffle	X	X	X	X	X
KPS00501 [1]	Snow Guard Front	X	X	X	X	X
KPS00502 [1]	Snow Guard Rear	X	X	X	X	X
KPS00503 [1]	Snow Guard Side	X	X	X	X	X
KPS00504 [1]	Snow Guards - Complete Set	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X	X	X
KEH3P573598	Drain Pan Heater	X	X	X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X

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