



DH7VS

FIT¹

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

DAIKIN FIT

HIGH-EFFICIENCY, COMMUNICATING,
VARIABLE-SPEED,
INVERTER DRIVE SIDE DISCHARGE
R-32 SPLIT SYSTEM HEAT PUMP

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R32

Standard Features

- Daikin variable-speed swing compressor
- Strong heating capacity
- 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
- 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.)



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.



* 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	7	V	S	A	18	1	0	A	A	
	1	2	3	4	5	6	7,8	9	10	11	12	
Brand D Daikin												Minor Revision A
Type H - Heat Pump R-32												Major Revision A
												Variation
SEER2 17.0 - 17.9 = 7												Electrical 1 – 208-230 V, 1 Phase, 60 Hz
Compressor V – Variable Speed												Tonnage Nominal 24 - 2 tons 36 - 3 tons 42 - 3½ Tons 48 - 4 Tons 60 - 5 Tons
Feature Set S – Side Discharge Communicating												Sales Region A – All

	DH7VSA 2410A*	DH7VSA 3610A*	DH7VSA 4210A*	DH7VSA 4810A*	DH7VSA 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)				
Heating (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1)				
COMPRESSOR					
Type	Swing	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.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	7/8"	7/8"	7/8"	7/8"	7/8"
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	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	132	168	179	179	236
SHIP WEIGHT (LBS)	147	185	198	198	271
ENERGY STAR® CERTIFIED					
ENERGY STAR® MOST EFFICIENT					

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" 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		
	1/4	5/16	3/8	5/8	3/4	7/8
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	DH7VS*421*A* / DH7VS*481*A* / DH7VS*601*A*	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	D*96TC0804C D*97MC0804C D*80TC0804C	

		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	
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							
70	Lo PR	120	123	130	126	129	136	131	134	141	135	138	145	138	142	149	143	147	154							
	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							
800	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							
	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							
920	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							
	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							
920	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							
	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							
920	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							
	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							
920	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							

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
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
800	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
	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	7.7	7.8	8.6	8.5	8.5	8.6	9.5	9.5	9.5	9.5
920	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
	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
920	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
	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

		OUTDOOR AMBIENT TEMPERATURE															
		65°F				75°F				85°F				95°F			
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
	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
800	ΔT	33	31	27	24	32	30	26	23	31	29	26	22	30	28	25	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
	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
	Hi PR	262	264	265	270	304	305	307	311	347	348	350	354	393	394	396	401
	Lo PR	122	125	132	144	128	131	138	150	133	136	144	155	137	140	148	160
	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
85	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
	ΔT	31	30	26	22	30	29	25	22	30	28	25	21	28	27	23	20
	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
	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
	Hi PR	265	266	268	273	306	307	309	314	349	351	352	357	396	397	399	403
	Lo PR	124	127	134	146	130	134	141	152	135	139	146	158	139	142	150	162
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
	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
	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
920	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
	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
	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
920	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
	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
	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
920	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
	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
	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
920	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
	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
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
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	
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
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	
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
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	
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
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	
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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
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	
920	ΔT	30	28	25	21	29	27	24	20	29	27	23	20	27	26	22	19
	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
	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
	Hi PR	268	269	271	275	309	310	312	316	352	353	355	360	399	400	401	406
	Lo PR	127	130	137	149	133	136	143	155	137	141	148	160	141	145	152	164
	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			

IDB*: Entering Indoor Dry Bulb Temperature

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

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

Shaded area is AHRI conditions

kW = Total system power

Amps = outdoor unit amps

EXPANDED COOLING DATA — DH7VSA3610A* / DFVE48DP1300A*

IDB*		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		ENTERING INDOOR WET BULB TEMPERATURE																							
70	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
		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
1070	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	
	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	
1260	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	
	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	
1450	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	
	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	
1070	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	
	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	
1260	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	
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	
1070	Lo-PR	129	136	145		133	140	149		135	142	151		136	143	152		136	143	152		138	144	153	
	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	
1260	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	
	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	
1450	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	
	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	
1070	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	
	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					

EXPANDED COOLING DATA — DH7VSA3610A* / DFVE48DP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1070	MBh	40.6	41.2	42.4	44.2	38.8	39.3	40.5	42.2	36.3	36.8	38.0	39.7	33.3	33.8	34.8	36.5	30.0	30.5	31.5	33.1	27.0	27.5	28.5	30.0
	S/T	0.99	0.79	0.65	0.50	0.99	0.80	0.66	0.51	0.99	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	0.88	0.74	0.59	1.01	0.93	0.79	0.64
	ΔT	32	30	26	22	31	29	25	21	30	29	25	21	29	27	24	20	28	26	23	19	28	27	23	20
	kW	2.19	2.19	2.18	2.21	2.50	2.49	2.49	2.51	2.84	2.84	2.84	2.86	3.22	3.22	3.21	3.24	3.65	3.64	3.64	3.66	4.15	4.15	4.14	4.17
	Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	9.7	9.6	9.6	9.7	12.0	12.0	12.0	12.1	15.0	15.0	15.0	15.1	18.8	18.7	18.7	18.8
	Hi PR	208	209	210	214	258	259	260	264	314	315	317	321	378	379	381	385	451	452	454	459	533	535	536	541
80	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
	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
1450	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
	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
1450	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

1070	MBh	41.3	41.8	43.0	44.9	39.4	40.0	41.1	42.9	36.9	37.5	38.6	40.3	33.9	34.4	35.4	37.1	30.6	31.1	32.1	33.7	27.6	28.1	29.1	30.6
	S/T	0.99	0.89	0.75	0.61	0.99	0.99	0.76	0.62	0.99	0.99	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.69	1.01	1.01	0.90	0.75
	ΔT	36	34	30	26	35	33	29	25	34	32	29	25	33	31	28	24	32	30	26	23	32	30	27	23
	kW	2.20	2.19	2.19	2.21	2.50	2.50	2.50	2.52	2.85	2.85	2.84	2.86	3.23	3.22	3.22	3.24	3.65	3.65	3.65	3.67	4.16	4.15	4.15	4.17
	Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	9.7	9.7	9.6	9.7	12.1	12.1	12.0	12.1	15.0	15.0	15.0	15.1	18.8	18.8	18.7	18.9
	Hi PR	209	210	211	215	259	260	261	265	315	316	318	322	379	380	382	386	452	453	455	460	535	536	538	543
85	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
	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
1450	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
	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
1450	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
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions
 kW = Total system power
 Amps = outdoor unit amps

		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	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		0.68	0.61	0.48								
		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		0.23	0.21	0.18		23	21	18								
		ΔT	20	20	15		22	18	15		23	18	15		20	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		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		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		519	521	523								
70	1320	Lo PR	120	119	123		119	120	129		120	125	133		121	128	137		124	132	141		132	140	149		132	140	149								
		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		0.75	0.68	0.55								
		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		0.22	0.20	0.16		22	20	16								
		ΔT	20	19	13		21	17	13		19	17	14		19	17	13		18	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		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		18.9	18.9	18.9								
70	1520	Hi PR	261	277	277		316	318	320		361	363	365		410	411	413		462	463	465		522	523	525		522	523	525								
		Lo PR	120	119	125		119	122	131		119	127	135		123	130	139		126	134	143		134	142	151		134	142	151								
		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		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		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		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		4.99	4.99	4.98								
70	1520	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		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		525	526	528								
		Lo PR	119	121	127		120	124	133		122	129	138		125	133	142		128	136	145		136	144	154		136	144	154								
		MBh	33.6	44.2	43.5		42.0	42.6	43.9		39.5	40.0	41.3		38.7	39.2	40.5		36.5	37.1	38.3		33.6	34.2	35.4		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		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		21	19	15								

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	19.0	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
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps

EXPANDED COOLING DATA — DH7VSA4210A* / DFVE60DP1300A* (CONT.)

IDB*		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
AIRFLOW		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	5487	5491	5495	5499	5503	5507	5511	5515	5519	5523	5527	5531	5535	5539	5543	5547	5551	5555	5559	5563	5567	5571	5575	5579	5583	5587	5591	5595	5599	5603	5

		OUTDOOR AMBIENT TEMPERATURE															
		65°F				75°F				85°F				95°F			
		ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	
	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	
	ΔT	21	21	16		22	19	15		21	19	15		20	18	14	
	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	
	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	
	Hi PR	257	270	285		307	328	330		374	375	377		424	425	427	
1170	Lo PR	119	119	124		120	122	130		119	127	135		123	130	139	
	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	
	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	
	ΔT	20	19	14		21	18	14		19	18	14		19	17	14	
	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	
	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	
1380	Hi PR	261	277	288		314	331	333		377	378	380		427	428	430	
	Lo PR	120	120	127		120	124	133		121	129	137		125	132	141	
	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	
	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	
	ΔT	19	17	13		20	16	13		18	16	13		18	16	12	
	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	
1590	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	
	Hi PR	267	289	291		324	334	336		379	381	383		430	431	433	
	Lo PR	120	120	129		119	126	135		123	131	140		127	135	144	
	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	
	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	
	ΔT	19	17	13		20	16	13		18	16	13		18	16	12	
1170	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	
	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	
	Hi PR	267	289	291		324	334	336		379	381	383		430	431	433	
	Lo PR	120	120	129		119	126	135		123	131	140		127	135	144	
	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	
	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	
1380	ΔT	19	17	13		20	16	13		18	16	13		18	16	12	
	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	
	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	
	Hi PR	267	289	291		324	334	336		379	381	383		430	431	433	
	Lo PR	120	120	129		119	126	135		123	131	140		127	135	144	
	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	
1590	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	
	ΔT	19	17	13		20	16	13		18	16	13		18	16	12	
	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	
	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	
	Hi PR	267	289	291		324	334	336		379	381	383		430	431	433	
	Lo PR	120	120	129		119	126	135		123	131	140		127	135	144	

	OUTDOOR AMBIENT TEMPERATURE																
	65°F				75°F				85°F				95°F				
	ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				ENTERING INDOOR WET BULB TEMPERATURE				
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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
	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
	ΔT	25	25	20	16	26	23	20	16	25	23	20	16	24	22	19	15
	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
	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
	Hi PR	257	270	286	291	308	328	330	335	374	375	377	382	424	425	427	432
1380	Lo PR	119	119	124	135	120	122	130	141	119	127	135	146	123	130	139	150
	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
	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
	ΔT	24	24	19	15	25	22	18	15	24	22	18	15	23	21	18	14
	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
	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
1590	Hi PR	261	278	289	294	314	331	333	338	377	378	380	385	427	428	430	435
	Lo PR	120	120	127	137	120	124	133	143	121	129	137	148	125	132	141	152
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
	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
1170	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
1380	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
	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
1590	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
	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
1170	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
1380	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
	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
1590	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
	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
1170	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
1380	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
	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
1590	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
	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
1170	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
1380	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
	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
1590	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
	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
1170	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
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155
	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
	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
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13
1380	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
	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			

EXPANDED COOLING DATA — DH7VSA4810A* / DFVE60DP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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	18.1	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
	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
1590	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	18.3	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
	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	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
	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
1590	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
	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
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is AHRI conditions
 kW = Total system power
 Amps = outdoor unit amps

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	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	39.0	45.8	46.6	48.3	38.8	39.4	39.0	39.0	45.8	46.6	48.3						
		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	0.50	0.63	0.56	0.43	0.70	0.62	0.50	0.50	0.63	0.56	0.43						
		ΔT	20	19	16	21	19	16	21	19	16	20	19	15	20	18	15	21	19	15	15	20	18	15	21	19	15	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	5.16	5.73	5.72	5.73	5.58	5.57	5.16	5.16	5.73	5.72	5.73						
		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	20.5	22.6	22.6	22.5	22.1	22.1	20.5	20.5	22.6	22.6	22.5						
		Hi PR	254	261	276	310	319	321	365	366	368	417	418	420	473	474	476	527	529	525	525	473	474	476	527	529	525	525	473	474	476						
70	1640	Lo PR	119	120	120	119	119	126	121	124	130	124	128	134	128	131	138	134	138	146	146	128	131	138	134	138	146	146	128	131	138						
		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	39.7	46.2	47.6	49.1	37.7	38.4	39.7	39.7	46.2	47.6	49.1						
		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	0.57	0.70	0.63	0.50	0.78	0.71	0.57	0.57	0.70	0.63	0.50						
		ΔT	19	26	14	20	18	14	20	18	14	19	17	14	19	17	13	19	17	14	14	19	17	13	19	17	14	14	19	17	13						
		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	4.53	5.70	5.77	5.76	4.54	4.54	4.53	4.53	5.70	5.77	5.76						
		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	20.6	22.7	22.7	22.6	20.7	20.6	20.6	20.6	22.7	22.7	22.6						
70	1890	Hi PR	261	267	278	317	322	324	368	369	371	420	421	423	476	477	479	525	526	528	528	476	477	479	525	526	528	528	476	477	479						
		Lo PR	119	122	122	120	121	128	122	126	132	126	130	136	129	133	140	137	141	148	148	129	133	140	137	141	148	140	143	154	140	143	154				
		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	37.9	46.3	47.2	48.7	38.6	39.3	37.9	37.9	46.3	47.2	48.7						
		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	0.88	0.74	0.66	0.54	0.82	0.74	0.88	0.82	0.74	0.88	0.74	0.66	0.54				
		ΔT	27	17	13	19	17	13	18	17	13	18	16	13	17	16	12	18	16	20	20	17	16	12	18	16	20	18	16	20	17	16	12				
		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	4.02	5.61	5.63	5.63	4.56	4.56	4.02	4.02	5.61	5.63	5.63						
75	1390	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	18.3	22.8	22.8	22.8	20.7	20.7	18.3	18.3	22.8	22.8	22.8						
		Hi PR	268	276	281	323	324	326	371	372	374	423	424	426	479	480	482	527	528	522	522	479	480	482	527	528	522	522	479	480	482						
		Lo PR	120	120	124	120	124	130	125	128	135	128	132	138	131	135	142	140	143	154	154	131	135	142	140	143	154	140	143	154	140	143	154				
		MBh	39.1	44.1	53.2	49.3	51.9	53.4	50.3	51.1	52.6	48.5	49.3	50.9	53.3	45.8	46.4	48.0	38.8	39.5	39.0	39.1	45.8	46.4	48.0	38.8	39.5	39.0	39.1	45.8	46.4	48.0					
		S/T	0.78	0.68	0.49	0.73	0.63	0.50	0.72	0.65	0.52	0.73	0.66	0.53	0.75	0.68	0.55	0.99	0.75	0.62	0.72	0.75	0.68	0.55	0.99	0.75	0.62	0.72	0.75	0.68	0.55	0.99	0.75	0.62			
		ΔT	24	23	20	25	23	20	25	23	20	25	23	19	24	22	19	24	23	19	23	24	22	19	24	23	19	23	24	22	19	24	23	19			
75	1640	kW	2.15	2.49	3.70	3.73	4.15	4.14	4.65	4.65	4.64	5.18	5.18	5.17	5.73	5.70	5.69	4.88	4.88	4.51	4.02	5.73	5.70	5.69	4.88	4.88	4.51	4.02	5.73	5.70	5.69						
		Amps	8.3	9.5	13.5	13.7	12.6	15.5	15.4	17.6	17.6	17.6	19.9	19.9	19.9	22.6	22.5	22.5	22.1	22.1	20.5	18.3	22.6	22.5	22.5	22.1	20.5	18.3	22.6	22.5	22.5	22.1	20.5	18.3			
		Hi PR	254	261	276	281	311	319	321	365	367	369	417	418	420	473	475	477	528	529	525	523	473	475	477	528	529	525	523	473	475	477					
		Lo PR	119	120	120	130	119	119	126	121	124	131	124	128	134	128	131	138	134	138	146	162	128	131	138	134	138	146	162	128	131	138					
		MBh	42.9	48.0	54.0	56.4	52.4	52.7	54.2	51.1	51.9	53.5	49.3	50.1	51.7	46.5	47.2	48.8	37.8	38.4	39.7	39.7	46.5	47.2	48.8	37.8	38.4	39.7	39.7	46.5	47.2	48.8					
		S/T	0.84	0.98	0.57	0.43	0.80	0.70	0.57	0.79	0.72	0.59	0.45	0.81	0.73	0.60	0.47	0.82	0.75	0.62	0.80	0.82	0.75	0.62	0.49	0.99	0.83	0.70	0.80	0.99	0.83	0.70	0.80				
75	1890	ΔT	23	30	19	15	24	22	18	15	24	22	18	15	23	21	17	23	21	18	21	23	21	17	14	23	21	18	21	23	21	17	14				
		kW	2.41	2.70	3.73	3.76	3.65	4.18	4.18	4.68	4.68	4.67	5.21	5.21	5.20	5.73	5.73	5.72	4.54	4.54	4.53	4.04	5.73	5.73	5.72	4.54	4.54	4.53	4.04	5.73	5.73	5.72					
		Amps	9.2	10.2	13.7	13.8	13.6	15.6	15.5	17.7	17.7	17.7	20.1	20.1	20.0	22.7	22.7	22.6	20.6	20.6	18.4	18.4	22.7	22.7	22.6	20.6	20.6	18.4	18.4	22.7	22.6	22.6					
		Hi PR	261	268	279	283	317	322	324	368	369	371	420	421	423	476	477	479	525	526	528	526	476	477	479	525	526	528	526	476	477	479					
		Lo PR	120	123	122	132	120	121	128	123	126	132	126	132	143	129	133	140	137	141	148	164	129	133	140	137	141	148	164	129	133	140					
		MBh	48.2	53.9	55.0	57.4	52.9	53.7	55.2	52.2	52.9	54.5	50.4	51.1	52.7	47.8	48.5	50.1	38.7	39.3	38.7	40.6	47.8	48.5	50.1	38.7	39.3	38.7	40.6	47.8	48.5	50.1					
75	1890	S/T	1.00	0.76	0.60	0.46	0.81	0.74	0.61	0.83	0.76	0.63	0.49	0.84	0.77	0.64	0.50	0.86	0.79	0.66	0.84	0.86	0.79	0.66	0.52	0.99	0.87	0.98	0.84	0.99	0.87	0.98					
		ΔT	30	21	18	14	23	21	17	23	21	17	14	22	20	17	13	21	20	16	20	21	20	16	13	22	20	24	20	21	20	16	13				
		kW	2.72	3.28	3.75	3.79	4.21	4.21	4.20	4.71	4.70	4.70	5.23	5.23	5.22	5.79	5.78	5.78	4.56	4.55	4.03	4.05	5.79	5.78	5.78	4.56	4.55	4.03	4.05	5.79	5.78	5.78					
		Amps	10.3	12.1	13.8	13.9	15.7	15.7	15.6	17.8	17.8	17.8	20.2	20.1	20.1	22.8	22.8	22.7	20.7	20.7	18.5	18.5	22.8	22.8	22.7	20.7	20.7	18.5	18.5	22.8	22.7	22.9					
		Hi PR	269	276	281	286	323	325	326	371	372	374	423	424	426	479	480	482	528	529	524	528	479	480	482	528	529	524	528	479	480	482					
		Lo PR	122	120	124	134	120	124	130	125	128	135	128	132	138	132	135	142	140	143	155	166	132	135	142	140	143	155	166	132	135	142					

DB*: Entering Indoor Dry Bulb Temperature

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

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

kW = Total system power
Amps = outdoor unit amps

kW = Total system power
Amps = outdoor unit amps

Shaded area is ACCA (TVA) conditions

IDB*: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — DH7VSA6010A* / DFVE60DP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																	
		65°F					75°F					85°F					95°F					105°F					115°F								
IDB*	AIRFLOW	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71
80	1390	MBh	40.3	48.2	53.5	55.8	49.5	52.1	53.7	56.0	56.0	50.6	51.3	52.9	55.3	55.3	48.8	49.5	51.1	53.5	53.5	46.1	46.9	48.6	51.2	51.2	39.0	38.0	39.3	40.0	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	0.48	0.84	0.77	0.64	0.50	0.50	1.00	0.78	0.65	0.52	0.52	0.99	0.80	0.67	0.53	0.53	0.99	0.88	0.75	0.80	0.99	0.88	0.75	0.80	
		ΔT	28	34	25	21	29	28	24	20	20	29	28	24	20	20	29	27	23	20	20	28	26	23	19	19	28	26	23	26	28	26	23	26	
		kW	2.23	2.68	3.70	3.74	3.36	4.16	4.15	4.18	4.18	4.65	4.65	4.64	4.68	4.68	5.18	5.18	5.17	5.21	5.21	5.73	5.72	5.73	5.79	5.79	4.88	4.52	4.51	4.02	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	15.6	17.6	17.6	17.6	17.7	17.7	19.9	19.9	19.9	20.0	20.0	22.6	22.6	22.5	22.7	22.7	22.1	20.5	20.5	18.3	22.1	20.5	20.5	18.3	
		Hi PR	256	266	276	281	311	320	321	326	326	366	367	369	374	374	418	419	421	426	426	474	475	477	482	482	528	524	526	524	528	524	526	524	
		Lo PR	119	123	121	130	130	120	120	126	136	136	121	125	131	141	141	125	128	135	145	145	128	132	138	148	148	134	140	147	164	134	140	147	164
		MBh	44.4	50.9	54.3	56.6	56.6	52.6	52.9	54.5	56.8	56.8	51.4	52.2	53.7	56.1	56.1	49.6	50.4	52.0	54.4	54.4	46.4	47.8	49.5	52.1	52.1	37.6	38.4	40.0	42.4	37.6	38.4	40.0	42.4
1640		S/T	0.97	0.86	0.69	0.55	0.93	0.82	0.69	0.55	0.55	1.01	0.84	0.71	0.57	0.57	1.00	0.85	0.72	0.59	0.59	0.99	0.87	0.74	0.61	0.61	0.99	0.96	0.82	0.88	0.99	0.96	0.82	0.88	
		ΔT	27	26	23	19	28	26	23	19	19	28	26	23	19	19	27	25	22	18	18	27	25	21	18	18	27	25	22	25	27	25	22	25	
		kW	2.51	3.03	3.73	3.77	3.65	4.19	4.18	4.22	4.22	4.69	4.68	4.67	4.71	4.71	5.21	5.21	5.31	5.34	5.34	5.70	5.77	5.77	5.83	5.83	4.50	4.51	4.53	4.22	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	15.1	17.3	17.3	17.3	17.4	17.4	19.8	19.8	19.8	19.9	19.9	22.7	22.6	22.6	22.8	22.8	20.7	20.6	20.6	18.4	20.7	20.6	20.6	18.4	
		Hi PR	263	271	279	284	317	322	324	329	329	369	370	372	377	377	421	422	422	424	429	429	477	478	480	485	485	525	526	528	527	525	526	528	527
		Lo PR	119	119	123	132	132	120	122	128	138	138	123	127	133	143	143	127	130	137	147	147	130	133	140	150	150	138	142	149	166	138	142	149	166
		MBh	49.1	54.2	55.3	57.6	57.6	53.2	53.9	55.5	57.8	57.8	52.4	53.2	54.7	57.1	57.1	50.6	51.4	53.0	55.4	55.4	47.3	48.2	49.8	52.4	52.4	38.9	38.2	39.5	41.5	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	0.59	1.01	0.88	0.75	0.61	0.61	1.00	0.89	0.76	0.62	0.62	0.99	0.91	0.78	0.64	0.64	0.99	0.99	0.99	0.91	0.99	0.99	0.99	0.91	
1890		ΔT	34	25	22	18	27	25	21	18	18	27	25	21	18	18	26	24	21	17	17	26	24	20	17	17	26	30	27	24	26	30	27	24	
		kW	2.73	3.28	3.75	3.79	4.22	4.21	4.20	4.24	4.24	4.71	4.71	4.70	4.73	4.73	5.24	5.23	5.23	5.26	5.26	5.70	5.72	5.71	5.77	5.77	4.56	4.04	4.04	4.06	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	15.8	17.8	17.8	17.8	17.9	17.9	20.2	20.2	20.1	20.3	20.3	22.8	22.8	22.7	22.9	22.9	20.7	18.4	18.4	18.5	20.7	18.4	18.4	18.5	
		Hi PR	271	277	282	287	324	325	327	332	332	372	373	375	379	379	423	425	426	431	431	480	481	483	488	488	528	523	525	530	528	523	525	530	
		Lo PR	124	120	125	135	135	121	124	131	141	141	125	129	135	146	146	129	132	139	149	149	132	136	142	153	153	140	150	157	169	140	150	157	169
	85	1390	MBh	43.2	50.9	54.4	56.7	56.7	52.7	53.0	54.5	56.9	51.5	52.2	53.8	56.2	56.2	43.7	44.4	46.0	48.4	48.4	45.5	46.2	47.8	50.2	50.2	38.1	38.7	40.1	39.1	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	0.58	1.00	0.86	0.73	0.60	0.60	0.99	0.89	0.76	0.63	0.63	0.99	0.89	0.76	0.63	0.63	0.99	0.99	0.85	0.72	0.99	0.99	0.85	0.72
			ΔT	32	31	28	25	33	31	28	24	24	33	31	28	24	24	32	30	26	23	23	32	30	26	23	23	32	30	27	23	32	30	27	23
		kW	2.40	3.01	3.71	3.74	3.63	4.16	4.16	4.19	4.19	4.66	4.66	4.65	4.69	4.69	5.34	5.33	5.34	5.39	5.39	5.55	5.54	5.54	5.58	5.58	4.53	4.53	4.52	4.02	4.53	4.53	4.52	4.02	
		Hi PR	9.2	11.2	13.6	13.7	13.6	15.5	15.5	15.6	15.6	17.6	17.6	17.6	17.8	17.8	22.6	22.6	22.6	22.7	22.7	22.6	22.6	22.6	22.7	22.7	20.6	20.6	20.5	18.3	20.6	20.6	20.5	18.3	
		Amps	260	270	278	282	316	321	323	328	328	367	368	370	375	375	475	476	478	483	483	475	476	478	483	483	524	525	527	523	524	525	527	523	
		Lo PR	120	119	122	132	132	120	122	128	138	138	123	126	133	143	143	130	133	140	150	150	130	133	140	150	138	141	148	162	138	141	148	162	
		MBh	47.3	54.1	55.2	57.5	57.5	53.1	53.8	55.3	57.7	57.7	52.3	53.0	54.6	57.0	57.0	43.0	43.8	45.3	47.8	47.8	46.2	46.9	48.5	50.9	50.9	38.8	39.4	37.8	39.7	38.8	39.4	37.8	39.7
1640		S/T	1.00	0.95	0.79	0.65	1.00	0.92	0.79	0.65	0.65	1.00	0.94	0.81	0.67	0.67	0.99	0.97	0.84	0.70	0.70	0.99	0.97	0.84	0.70	0.99	0.99	0.94	0.80	0.99	0.99	0.94	0.80		
		ΔT	31	30	27	23	32	30	26	23	23	32	30	26	23	23	30	28	25	21	21	30	28	25	21	21	30	29	25	21	30	29	25	21	
		kW	2.70	3.27	3.74	3.78	4.20	4.20	4.19	4.22	4.22	4.69	4.69	4.68	4.72	4.72	5.19	5.20	5.20	5.27	5.27	5.58	5.56	5.56	5.61	5.61	4.55	4.55	4.02	4.04	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	15.7	17.8	17.8	17.7	17.9	17.9	22.7	22.7	22.7	22.8	22.8	22.7	22.7	22.7	22.7	22.8	20.7	20.7	18.3	18.4	20.7	20.7	18.3	18.4	
		Hi PR	267	275	280	285	322	324	326	330	330	370	371	373	378	378	478	479	481	486	486	478	479	481	486	486	527	528	521	526	527	528	521	526	
		Lo PR	120	120	124	134	134	120	124	130	140	140	125	128	135	145	145	131	135	142	152	152	131	135	142	152	140	143	153	164	140	143	153	164	
		MBh	48.2	55.1	56.2	58.5	58.5	54.1	54.8	56.3	58.7	58.7	53.3	54.1	55.6	58.0	58.0	43.9	44.7	46.3	48.7	48.7	47.3	47.9	49.5	52.0	52.0	39.6	40.3	38.7	40.6	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	0.69	1.00	0.97	0.84	0.71	0.71	0.99	0.99	0.87	0.74	0.74	0.99	0.99	0.87	0.74	0.99	0.99	0.98	0.84	0.99	0.99	0.98	0.84		
1890		ΔT	30	29																															

PERFORMANCE DATA FOR STANDARD OPERATING MODE

DH7VSA2410A* / DFVE36CP1300A* 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

DH7VSA2410A* / DFVE36CP1300A* 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

DH7VSA3610A* / DFVE48DP1300A* 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

DH7VSA3610A* / DFVE48DP1300A* 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

DH7VSA4210A* / DFVE60DP1300A* 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

DH7VSA4210A* / DFVE60DP1300A* 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

DH7VSA4810A* / DFVE60DP1300A* 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

DH7VSA4810A* / DFVE60DP1300A* 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

DH7VSA6010A* / DFVE60DP1300A* 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	5,310
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

DH7VSA6010A* / DFVE60DP1300A* 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

EXPANDED HEATING DATA — NORMAL HEATING MODE

DH7VSA2410A* + DFVE36CP1300A*

	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

DH7VSA3610A* + DFVE48DP1300A*

	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

DH7VSA4210A* + DFVE60DP1300A*

	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

DH7VSA4810A* + DFVE60DP1300A*

	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

DH7VSA6010A* + DFVE60DP1300A*

	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

DH7VSA2410A* + DFVE36CP1300A*

	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	

DH7VSA3610A* + DFVE48DP1300A*

	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	

DH7VSA4210A* + DFVE60DP1300A*

	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	

DH7VSA4810A* + DFVE60DP1300A*

	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	

DH7VSA6010A* + DFVE60DP1300A*

	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

DH7VSA241A* + DFVE36CP13A*

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

DH7VSA361A* + DFVE48DP13A*

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

DH7VSA421A* + DFVE60DP13A*

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

DH7VSA241A* + DFVE36CP13A*

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

DH7VSA361A* + DFVE48DP13A*

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

DH7VSA421A* + DFVE60DP13A*

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

DH7VSA481A* + DFVE60DP13A*

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

DH7VSA601A* + DFVE60DP13A*

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	54.4	7.09
17	58.9	6.90	58.3	7.16	57.8	7.37	57.5	7.50	57.2	7.64	56.3	7.23
20	62.1	7.09	61.4	7.37	60.9	7.57	60.9	7.70	60.6	7.83	60.1	7.96
25	67.2	7.43	66.5	7.71	66.0	7.90	65.7	8.03	65.4	8.16	65.1	8.29
30	68.1	7.16	67.4	7.43	66.8	7.64	66.5	7.77	66.2	7.90	65.9	8.03
35	73.1	7.50	72.4	7.78	71.9	7.98	71.6	8.11	71.3	8.24	71.0	8.37
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

DH7VSA481A* + DFVE60DP13A*

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

DH7VSA601A* + DFVE60DP13A*

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

HEATING CHARGING

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.

DH7VSA2410A* + DFVE36CP1300A*

INDOOR AIR FLOW RATE	INDOOR RETURN AIR DRY BULB TEMPERATURE (°F)	OUTDOOR AIR DRY BULB TEMPERATURE (°F)																									
		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	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.

DH7VSA3610A* + DFVE48DP1300A*

INDOOR AIR FLOW RATE	INDOOR RETURN AIR DRY BULB TEMPERATURE (°F)	OUTDOOR AIR DRY BULB TEMPERATURE (°F)																							
		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.

DH7VSA4210A* + DFVE60DP1300A*

INDOOR AIR FLOW RATE	INDOOR RETURN AIR DRY BULB TEMPERATURE (°F)	OUTDOOR AIR DRY BULB TEMPERATURE (°F)																																															
		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	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.

DH7VSA4810A* + DFVE60DP1300A*

INDOOR AIR FLOW RATE	INDOOR RETURN AIR DRY BULB TEMPERATURE (°F)	OUTDOOR AIR DRY BULB TEMPERATURE (°F)																									
		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	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		

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

¹Compliant with AHRI 270.²Compliant 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

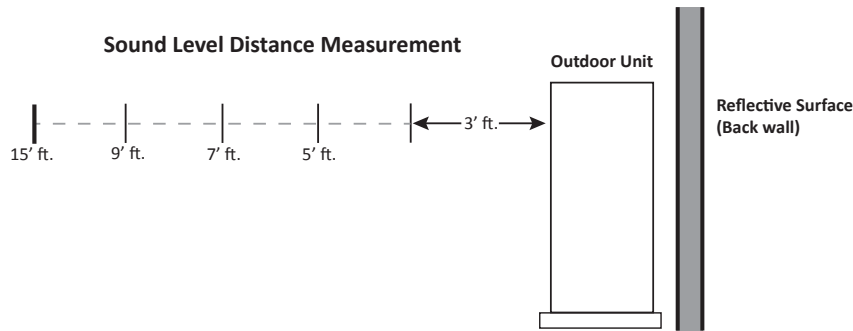
TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA)1	SOUND PRESSURE LEVEL (dBA)2	CAPACITY DECREASE
2-ton	LV.1	65	51	~5%
	LV.2	62	48	~15%
	LV.3	59	45	~35%
3-ton	LV.1	67	55	~5%
	LV.2	62	50	~30%
	LV.3	57	45	~35%
3.5-ton	LV.1	68	55	~5%
	LV.2	63	50	~25%
	LV.3	58	45	~35%
4.0-ton	LV.1	68	55	~5%
	LV.2	63	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

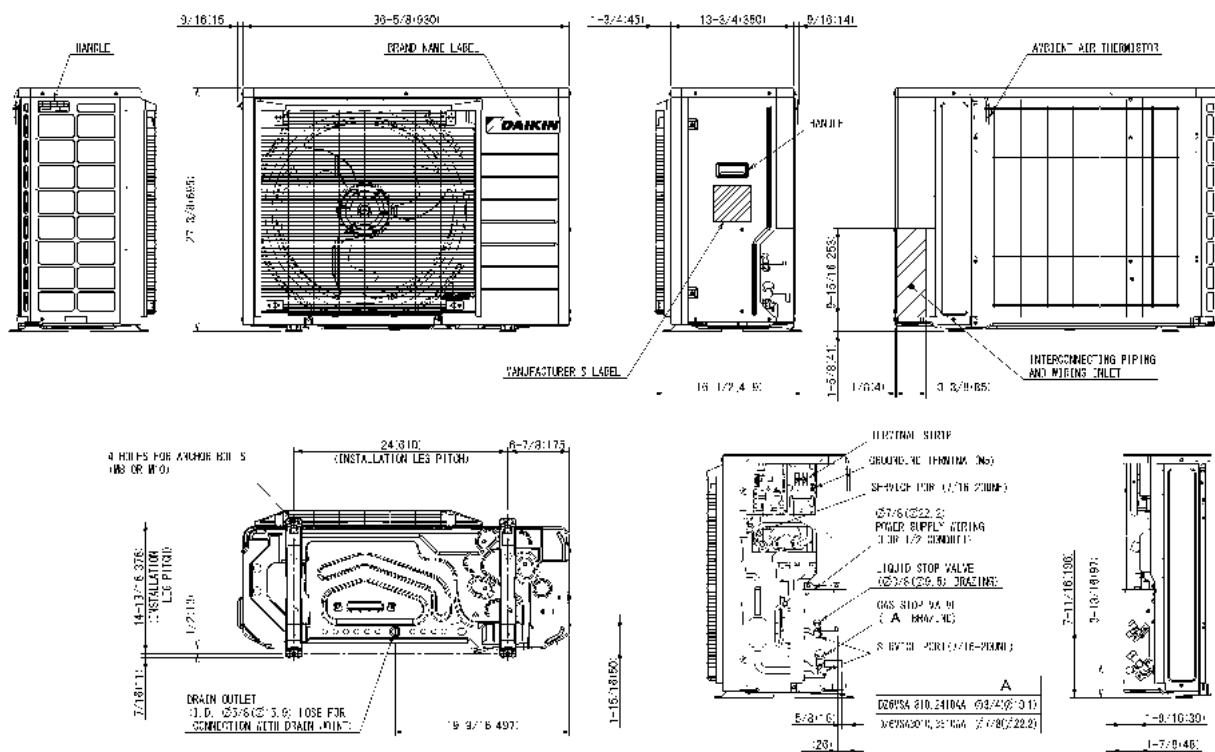
¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

		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.***

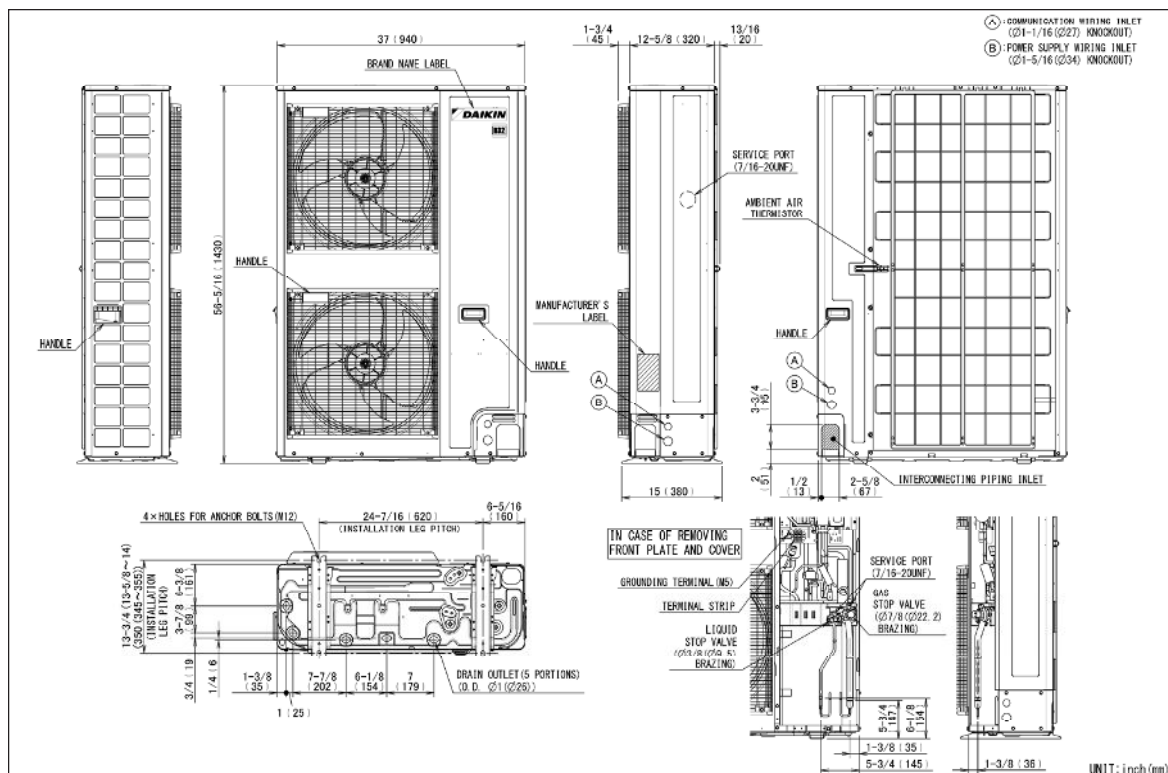
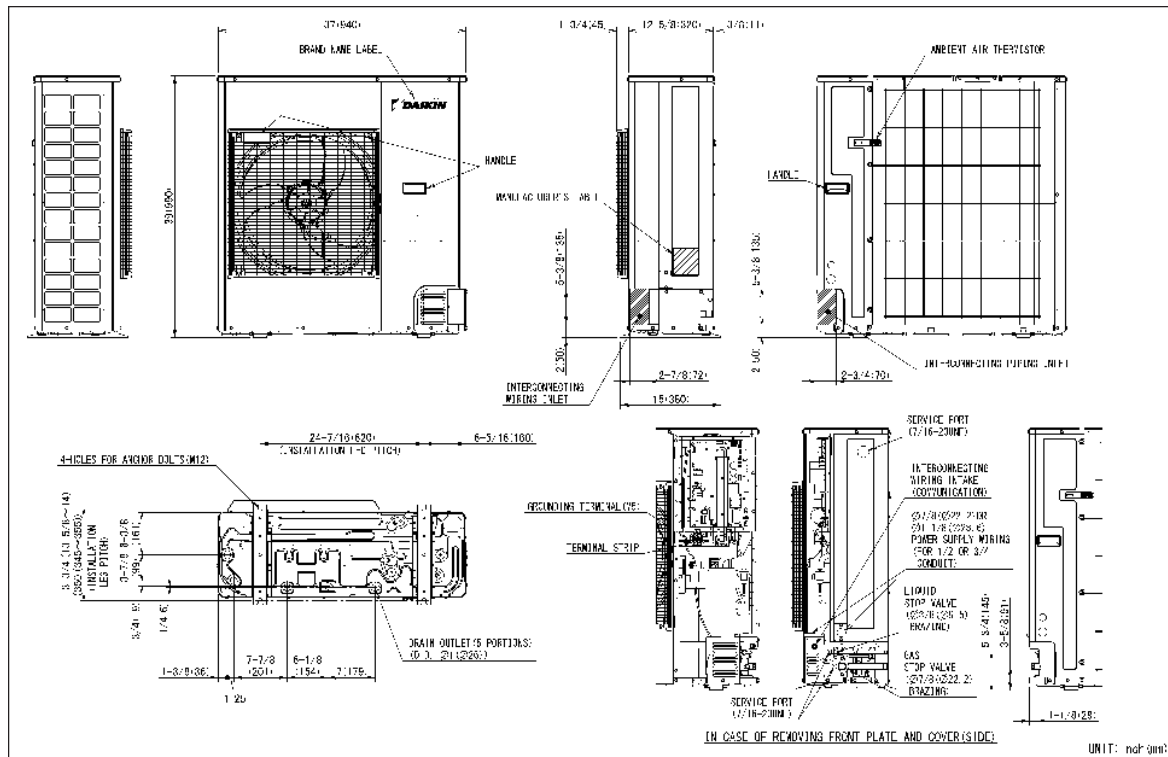
MODEL	DIMENSIONS		
	W"	D"	H"
DH7VSA2410A*	36%	13%	27%

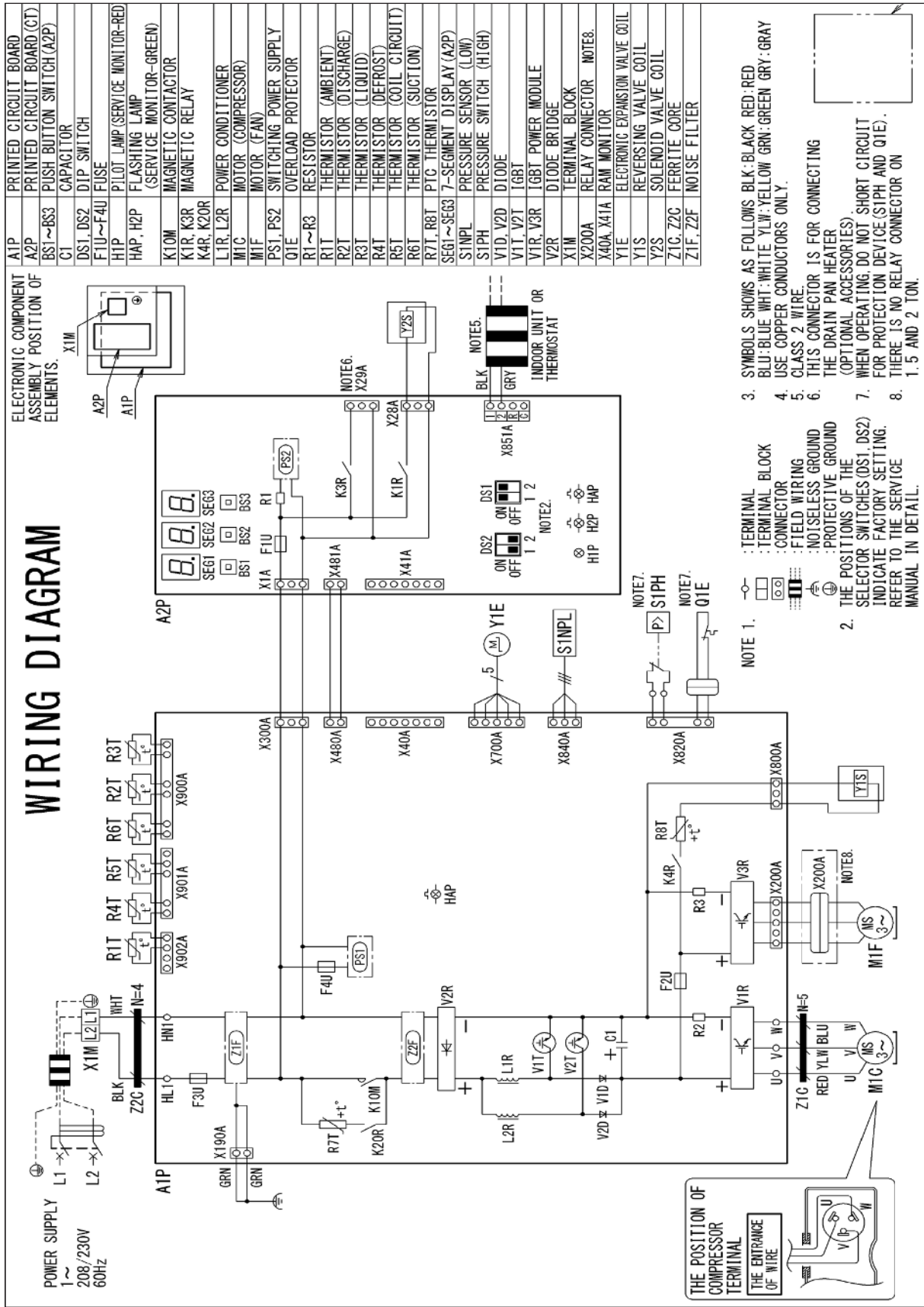


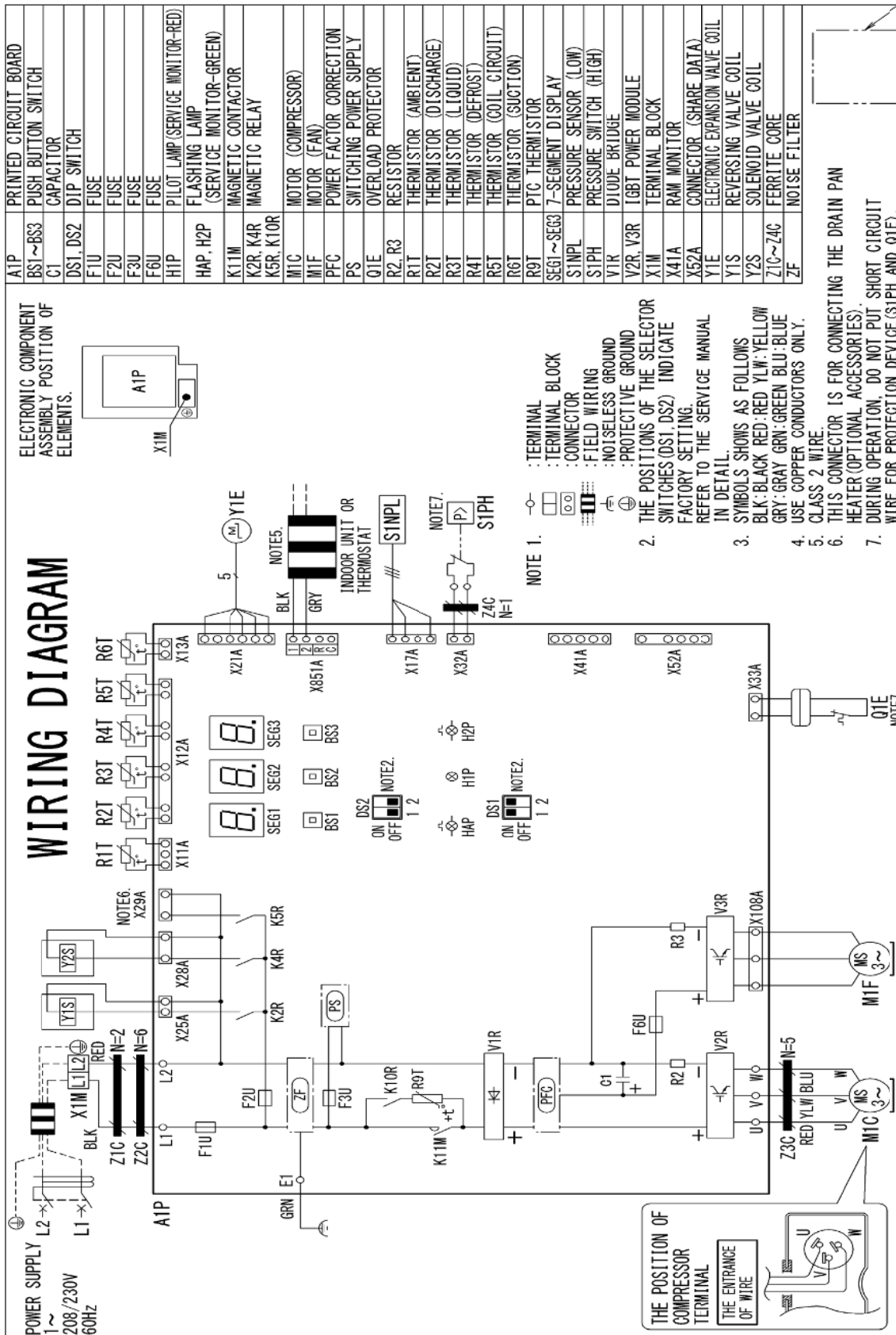
IN CASE OF REMOVING RIGHT SIDE PLATE

UNIT: not mm

MODEL	DIMENSIONS		
	W"	D"	H"
DH7VSA3610A*	37	12 $\frac{3}{8}$	39
DH7VSA4210A*	37	12 $\frac{3}{8}$	39
DH7VSA4810A*	37	12 $\frac{3}{8}$	39
DH7VSA6010A*	37	12 $\frac{3}{8}$	56 $\frac{5}{16}$





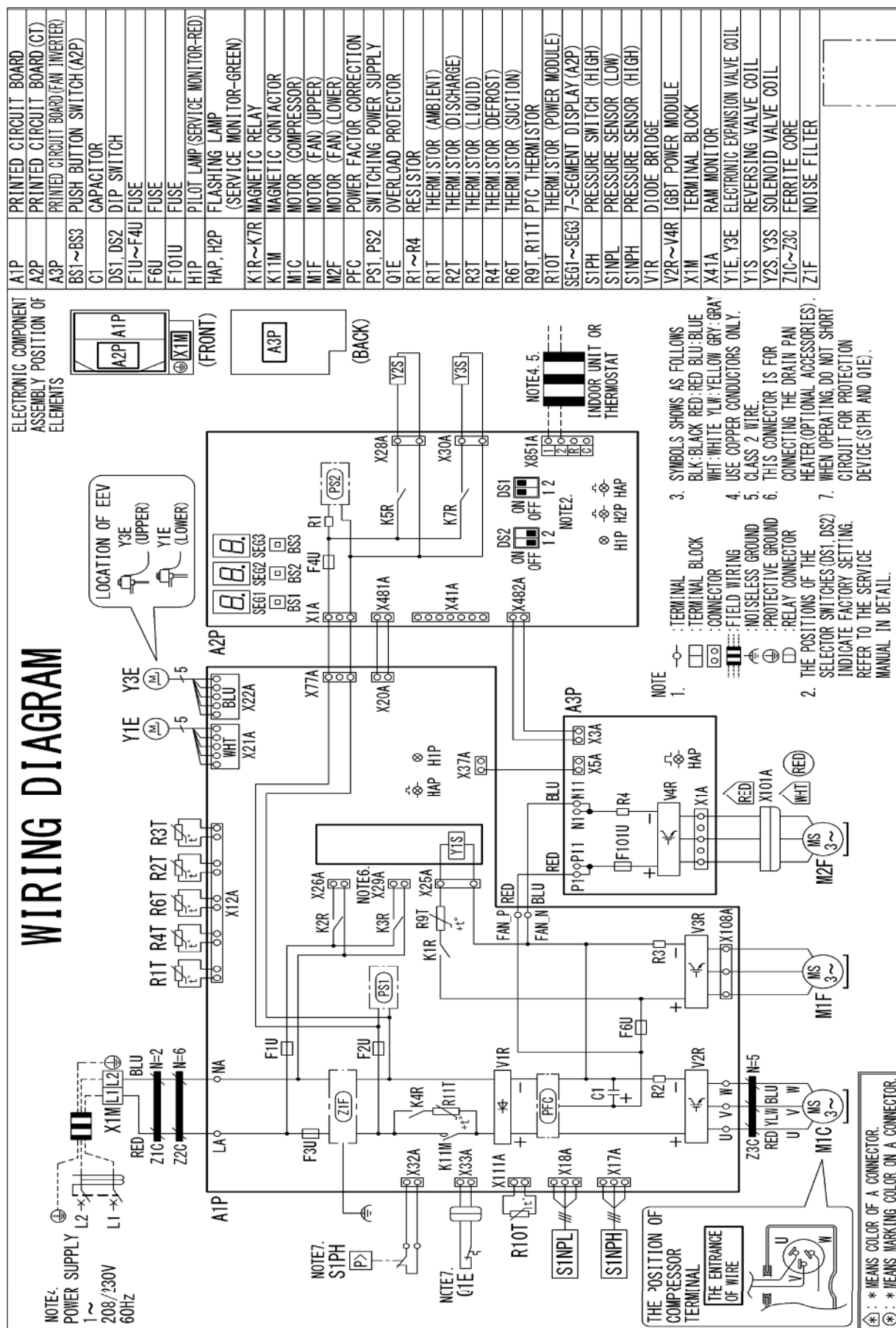


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

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

WIRING DIAGRAM



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	DH7VSA 2410A*	DH7VSA 3610A* ¹	DH7VSA 4210A*	DH7VSA 4810A*	DH7VSA 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.