

FIT¹

UP TO 19 SEER2
2, 3, 4 AND 5 TONS

HIGH-EFFICIENCY, COMMUNICATING,
VARIABLE-SPEED, INVERTER DRIVEN
R-32 SPLIT SYSTEM AIR CONDITIONER

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R32

Standard Features

- Daikin variable-speed swing compressors
- 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
- 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
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

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



* 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	C	9	V	S	A	36	1	0	A	A	
	1	2	3	4	5	6	7,8	9	10	11	12	
Brand D - Daikin												Minor Revisions A: Initial Release B: 1st Revision
Type - Split System C - Condenser R-32 H - Heat Pump R-32												Major Revisions A: Initial Release B: 1st Revision
Efficiency (SEER2) Nominal 13.4 - 13.7 = 3 13.8 - 14.5 = 4 14.6 - 15.5 = 5 16.0 - 16.9 = 6 17.0 - 17.9 = 7 18.0 - 18.9 = 8 19.0+ = 9												Variation
Compressor Type S - Single Stage T - Two Stage												Electrical 1 208/230 V, 1 Phase, 60 Hz
Feature Q - Introductory E - Enhanced												Nominal Capacity 18 - 1½ tons 24 - 2 tons 30 - 2½ tons
C - Communicating (Top Flow) S - Side Discharge Communicating												Sales Region N - North A - All Regions S - Southeast & North

	DC9VSA 2410A*	DC9VSA 3610A*	DC9VSA 4810A*	DC9VSA 6010A*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)	23,200	35,000	46,500	57,000
AMBIENT OPERATION RANGE				
Cooling (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR				
Horsepower	0.20	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"
Suction Line Size ("O.D.)	7/8"	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"
Suction Valve Size ("O.D.)	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
Refrigerant Charge (oz.)	76	100	118	162
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	14±1°F	8±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
Fan/Compressor Inverter Drive Input	17.6	25.4	30	24.5
Minimum Circuit Ampacity ²	22.4	31.8	37.5	34.4
Max. Overcurrent Protection ³	25	35	40	40
Min / Max Volts	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"
EQUIPMENT WEIGHT (LBS)	129	163	174	236
SHIP WEIGHT (LBS)	143	183	196	271

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)

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4"	5/16"	3/8"	3/8"	3/4"	7/8"	1 1/8"
2.0		X	X	X	X ^{*1}	X	
3.0			X	X		X	X
4.0			X	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	DC9VS*481*A* / DC9VS*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			
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	25.2	25.6	26.3		24.4	24.7	25.5		23.1	23.5	24.2		21.5	21.8	22.5		19.6	20.0	20.6		18.0	18.3	19.0	
	S/T	0.58	0.50	0.37		0.59	0.51	0.38		0.62	0.54	0.41		0.64	0.56	0.43		0.66	0.59	0.45		1.01	0.64	0.51	
	ΔT	21	19	15		20	18	15		20	18	15		19	17	14		18	16	13		18	16	14	
	kW	1.54	1.54	1.53		1.71	1.71	1.71		1.90	1.90	1.90		2.10	2.10	2.10		2.32	2.32	2.32		2.58	2.58	2.58	
	Amps	5.5	5.5	5.5		6.2	6.2	6.2		6.9	6.9	6.9		7.7	7.7	7.7		8.5	8.5	8.5		9.5	9.4	9.4	
	Hi PR	260	262	263		302	303	305		345	346	348		391	392	394		441	443	444		495	496	498	
	Lo PR	120	123	130		126	129	136		131	134	141		135	138	145		138	142	149		143	147	154	
	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	

75	MBh	25.2	25.6	26.4	27.5	24.4	24.7	25.5	26.6	23.1	23.5	24.2	25.3	21.5	21.8	22.5	23.6	19.7	20.0	20.7	21.7	18.0	18.3	19.0	20.0
	S/T	0.71	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.69	0.56	0.41	1.01	0.72	0.58	0.44	1.01	0.77	0.64	0.49
	ΔT	25	23	20	16	24	22	19	15	24	22	18	15	22	21	18	14	21	20	17	13	22	20	17	14
	kW	1.54	1.54	1.53	1.55	1.71	1.71	1.71	1.72	1.90	1.90	1.90	1.91	2.10	2.10	2.10	2.11	2.32	2.32	2.32	2.33	2.58	2.58	2.57	2.59
	Amps	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	6.9	6.9	6.9	6.9	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.5	9.4	9.4	9.4	9.5
	Hi PR	261	262	264	268	302	303	305	309	345	346	348	353	392	393	394	399	442	443	445	449	495	496	498	503
	Lo PR	120	123	130	141	126	129	136	148	131	134	141	153	135	138	145	157	138	142	149	161	143	147	154	166
	MBh	25.6	26.0	26.7	27.9	24.8	25.1	25.9	27.0	23.5	23.9	24.6	25.7	21.8	22.2	22.9	23.9	20.0	20.3	21.0	22.0	18.3	18.7	19.3	20.3
	S/T	0.78	0.71	0.57	0.43	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.77	0.63	0.49	1.01	0.79	0.66	0.51	1.01	0.85	0.71	0.57
	ΔT	24	22	18	14	23	21	17	14	22	20	17	14	21	19	16	13	20	18	15	12	20	19	16	13

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 (comp.+fan)

EXPANDED COOLING DATA — DC9VSA2410A* / DFVE36CP1300A* (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	
680	MBh	25.4	25.7	26.5	27.6	27.6	24.5	24.9	25.6	26.7	26.7	23.3	23.6	24.3	25.4	25.4	21.6	21.9	22.6	23.7	23.7	19.8	20.1	20.8	21.8	18.1	18.4	19.1	20.1	20.1	
	S/T	0.83	0.75	0.62	0.48	0.48	0.99	0.76	0.63	0.49	0.49	1.00	0.79	0.66	0.52	0.52	1.00	0.82	0.68	0.54	0.54	1.01	0.84	0.71	0.56	1.01	1.01	0.76	0.62	0.62	
	ΔT	29	27	24	20	20	28	26	23	19	19	27	26	22	19	19	26	24	21	18	18	25	23	20	17	25	23	21	17	17	
	kW	1.54	1.54	1.53	1.55	1.55	1.71	1.71	1.71	1.72	1.72	1.90	1.90	1.90	1.91	1.91	2.10	2.10	2.10	2.11	2.11	2.32	2.32	2.32	2.33	2.58	2.58	2.58	2.59	2.59	
	Amps	5.5	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	6.2	6.9	6.9	6.9	6.9	7.0	7.7	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.5	9.5	9.5	9.4	9.4	9.5	
	Hi PR	261	262	264	269	271	302	304	305	310	310	346	347	348	353	353	392	393	395	400	400	442	443	445	450	496	497	499	503	503	
800	Lo PR	120	124	130	142	142	126	130	137	148	148	131	135	142	153	153	135	139	146	158	158	139	142	150	162	144	147	155	167	167	
	MBh	25.8	26.1	26.9	28.0	28.0	24.9	25.2	26.0	27.1	27.1	23.6	24.0	24.7	25.8	25.8	22.0	22.3	23.2	24.1	24.1	20.1	20.4	21.1	22.2	18.5	18.8	19.4	20.4	20.4	
	S/T	0.90	0.83	0.70	0.56	0.56	0.99	0.84	0.71	0.56	0.56	1.00	0.87	0.73	0.59	0.59	1.00	0.89	0.75	0.61	0.61	1.01	0.92	0.78	0.64	1.01	1.01	0.84	0.69	0.69	
	ΔT	28	26	22	19	19	27	25	22	18	18	26	24	21	18	18	25	23	21	17	17	24	22	19	16	24	22	19	16	16	
	kW	1.55	1.55	1.55	1.56	1.56	1.72	1.72	1.72	1.73	1.73	1.91	1.91	1.91	1.92	1.92	2.11	2.11	2.11	2.12	2.12	2.34	2.33	2.33	2.34	2.59	2.59	2.59	2.60	2.60	
	Amps	5.6	5.5	5.5	5.6	5.6	6.2	6.2	6.2	6.3	6.3	7.0	7.0	6.9	7.0	7.0	7.7	7.7	7.7	7.8	7.8	8.6	8.5	8.5	8.6	9.5	9.5	9.5	9.5	9.5	
920	Hi PR	264	265	267	271	271	305	306	308	313	313	348	349	351	356	356	395	396	395	402	402	445	446	448	452	498	499	501	506	506	
	Lo PR	122	126	133	144	144	128	132	139	150	150	133	137	144	156	156	137	141	150	160	160	141	144	152	164	146	149	157	169	169	
	MBh	26.3	26.6	27.4	28.5	28.5	25.4	25.7	26.5	27.6	27.6	24.1	24.4	25.2	26.3	26.3	22.4	22.7	23.4	24.5	24.5	20.6	20.9	21.6	22.6	18.9	19.2	19.9	20.9	20.9	
	S/T	0.99	0.87	0.73	0.59	0.59	0.99	0.88	0.74	0.60	0.60	1.00	0.91	0.77	0.63	0.63	1.00	0.93	0.79	0.65	0.65	1.01	1.01	0.82	0.68	1.01	1.01	0.88	0.73	0.73	
	ΔT	27	25	21	18	18	26	24	20	17	17	25	23	20	17	17	24	22	19	16	16	23	21	18	15	23	21	18	15	15	
	kW	1.56	1.56	1.56	1.57	1.57	1.73	1.73	1.73	1.74	1.74	1.92	1.92	1.92	1.93	1.93	2.12	2.12	2.12	2.13	2.13	2.34	2.34	2.34	2.35	2.60	2.60	2.60	2.61	2.61	
920	Amps	5.6	5.6	5.6	5.6	5.6	6.3	6.3	6.3	6.3	6.3	7.0	7.0	7.0	7.0	7.0	7.8	7.8	7.7	7.8	7.8	8.6	8.6	8.6	8.6	9.5	9.5	9.5	9.6	9.6	
	Hi PR	266	268	269	274	274	308	309	311	315	315	351	352	354	358	358	397	398	400	405	405	447	449	450	455	501	502	504	506	506	
	Lo PR	125	128	135	147	147	131	134	141	153	153	136	139	146	158	158	140	143	150	162	162	143	147	154	166	148	152	159	171	171	

85	MBh	25.8	26.2	26.9	28.1	28.1	24.9	25.3	26.0	27.1	27.1	23.7	24.0	24.7	25.8	25.8	22.0	22.3	23.0	24.1	24.1	20.2	20.5	21.2	22.2	18.5	18.8	19.5	20.5	20.5	18.5	18.8	19.5	20.5
	S/T	0.99	0.85	0.72	0.58	0.58	0.99	0.86	0.73	0.59	0.59	1.00	1.00	0.76	0.62	0.62	1.00	1.00	0.78	0.64	0.64	1.01	1.01	0.81	0.66	1.01	1.01	0.86	0.72	0.72	1.01	1.01	0.86	0.72
	ΔT	33	31	27	24	24	32	30	26	23	23	31	29	26	22	22	30	28	25	21	21	28	27	24	20	28	27	24	21	21	28	27	24	21
	kW	1.54	1.54	1.54	1.55	1.55	1.71	1.71	1.71	1.72	1.72	1.90	1.90	1.90	1.91	1.91	2.11	2.10	2.10	2.12	2.12	2.33	2.33	2.32	2.34	2.58	2.58	2.58	2.59	2.59	2.58	2.58	2.58	2.59
	Amps	5.5	5.5	5.5	5.6	5.6	6.2	6.2	6.2	6.2	6.2	6.9	6.9	6.9	7.0	7.0	7.7	7.7	7.7	7.7	7.7	8.5	8.5	8.5	8.6	9.5	9.5	9.4	9.4	9.4	9.5	9.4	9.4	9.5
	Lo PR	262	264	265	270	274	304	305	307	311	311	347	348	350	354	354	393	394	396	401	401	443	444	446	451	497	498	500	504	504	497	498	500	504

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 (comp + fan)

		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		MBh	40.3	40.8	42.0		38.5	39.0	40.2		36.1	36.6	37.7		33.1	33.6	34.6		29.8	30.3	31.4		26.9	27.4	28.4		23.1	23.6	24.6		
		S/T	0.61	0.53	0.39		0.62	0.54	0.40		0.64	0.56	0.42		0.66	0.59	0.45		0.69	0.61	0.47		0.74	0.66	0.52		0.76	0.68	0.54		
		ΔT	23	21	17		22	20	17		22	20	16		21	19	15		20	18	14		20	18	15		19	17	14		
	1070	kW	2.22	2.22	2.22		2.52	2.52	2.51		2.85	2.85	2.84		3.21	3.21	3.20		3.62	3.61	3.61		4.09	4.09	4.08		4.56	4.56	4.55		
		Amps	6.2	6.2	6.1		7.7	7.7	7.7		9.7	9.6	9.6		12.0	12.0	12.0		15.0	15.0	15.0		18.7	18.7	18.6		21.9	21.9	21.8		
		Hi PR	207	207	209		256	257	259		313	314	316		378	379	380		451	452	454		534	536	538		627	628	630		
		Lo PR	125	131	140		128	135	144		131	137	146		138	143	147		146	151	155		164	169	173		174	178	182		
		MBh	40.9	41.5	42.7		39.1	39.6	40.8		36.7	37.2	38.3		33.6	34.1	35.2		30.4	30.9	31.9		27.4	27.9	28.9		24.4	24.9	25.9		
		S/T	0.69	0.61	0.47		0.70	0.62	0.48		0.72	0.64	0.50		0.74	0.66	0.52		0.77	0.69	0.55		0.82	0.74	0.60		0.84	0.76	0.62		
		ΔT	22	20	16		21	19	15		20	18	15		19	17	14		18	17	13		17	16	13		16	14	11		
1260		kW	2.24	2.24	2.24		2.54	2.54	2.53		2.87	2.87	2.86		3.23	3.23	3.22		3.63	3.63	3.63		4.11	4.11	4.10		4.59	4.59	4.58		
		Amps	6.2	6.2	6.2		7.8	7.8	7.7		9.7	9.7	9.7		12.1	12.1	12.1		15.1	15.1	15.0		18.8	18.7	18.7		21.9	21.9	21.8		
		Hi PR	209	210	211		259	260	261		315	316	318		380	381	383		454	455	457		537	539	541		627	628	630		
		Lo PR	127	133	142		130	137	146		133	139	148		134	140	149		134	141	150		136	142	151		138	144	153		
	1450		MBh	41.7	42.2	43.4		39.8	40.4	41.5		37.4	37.9	39.0		34.3	34.8	35.9		31.0	31.5	32.6		28.1	28.5	29.5		24.4	24.9	25.9	
			S/T	0.73	0.65	0.51		0.73	0.66	0.52		0.76	0.68	0.54		0.78	0.70	0.56		0.81	0.73	0.59		0.86	0.78	0.64		0.88	0.80	0.66	
			ΔT	20	18	14		20	18	14		19	17	14		18	16	13		17	15	12		16	14	11		15	13	10	
			kW	2.26	2.25	2.25		2.55	2.55	2.55		2.88	2.88	2.88		3.25	3.24	3.24		3.65	3.65	3.64		4.13	4.12	4.12		4.61	4.61	4.60	
			Amps	6.2	6.2	6.2		7.8	7.8	7.8		9.8	9.8	9.7		12.2	12.2	12.1		15.1	15.1	15.1		18.8	18.8	18.8		21.9	21.9	21.8	
			Hi PR	211	212	213		261	262	264		318	319	320		383	384	386		457	458	460		540	541	543		627	628	630	
		Lo PR	129	136	145		133	140	149		135	142	151		136	143	152		136	143	152		138	144	153		140	147	156		

75	MBh	40.3	40.9	42.1	43.9	38.5	39.0	40.2	42.0	36.1	36.6	37.7	39.4	33.1	33.6	34.7	36.3	29.9	30.3	31.4	33.0	26.9	27.4	28.4	29.9	23.1	23.6	24.6	26.2	27.8	29.4	31.0	32.6
	S/T	0.74	0.66	0.52	0.38	0.75	0.67	0.53	0.38	0.78	0.70	0.56	0.41	0.80	0.72	0.58	0.43	0.82	0.74	0.60	0.45	1.00	0.80	0.66	0.51	0.82	0.74	0.60	0.45	0.84	0.76	0.62	0.47
	ΔT	28	26	22	18	27	25	21	17	26	24	21	17	25	23	20	16	24	22	19	15	24	22	19	15	22	20	17	14	11	8	5	2
	kW	2.22	2.22	2.22	2.24	2.52	2.52	2.51	2.53	2.85	2.85	2.84	2.86	3.21	3.21	3.20	3.22	3.61	3.61	3.61	3.63	4.09	4.09	4.08	4.11	4.56	4.56	4.55	4.54	5.02	5.02	5.01	4.99
	Amps	6.2	6.2	6.1	6.2	7.7	7.7	7.7	7.8	9.6	9.6	9.6	9.7	12.0	12.0	12.0	12.1	15.0	15.0	15.0	15.0	18.7	18.6	18.6	18.7	21.9	21.9	21.8	21.7	25.0	25.0	24.9	24.8
	Hi PR	207	208	209	213	257	258	259	263	313	314	316	320	378	379	381	385	452	453	455	459	535	536	538	543	627	628	630	634	720	722	724	728
	Lo PR	125	131	140	152	128	135	144	156	131	137	146	158	132	138	147	159	132	139	148	159	134	140	149	160	174	178	182	186	219	222	226	230
	MBh	40.9	41.5	42.7	44.5	39.1	39.7	40.8	42.6	36.7	37.2	38.3	40.0	33.6	34.1	35.2	36.9	30.4	30.9	31.9	33.5	27.5	27.9	28.9	29.9	24.4	24.9	25.9	27.5	29.1	30.7	32.3	33.9
	S/T	0.82	0.74	0.60	0.46	0.83	0.75	0.61	0.46	0.86	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	0.88	0.73	0.60	0.82	0.74	0.60	0.45	0.84	0.76	0.62	0.47
	ΔT	26	24	20	16	25	23	20	16	25	23	19	15	24	22	18	14	22	21	17	14	23	21	18	14	22	20	17	14	11	8	5	2
	kW	2.24	2.24	2.23	2.26	2.54	2.53	2.53	2.55	2.87	2.87	2.86	2.88	3.23	3.23	3.22	3.24	3.63	3.63	3.63	3.65	4.11	4.11	4.10	2.76	4.59	4.59	4.58	4.57	5.07	5.07	5.06	5.05

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 (comp.+fan)

		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	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

85	1070	MBh	41.2	41.8	43.0	44.8	39.4	39.9	41.1	42.8	36.9	37.4	38.6	40.3	33.9	34.4	35.5	37.1	30.6	31.1	32.1	33.7	27.7	28.1	29.1	29.1	
		S/T	0.99	0.90	0.76	0.61	0.99	0.99	0.99	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.77
		ΔT	37	35	31	27	35	33	30	26	34	33	29	25	25	33	31	27	24	31	30	26	23	31	30	26	22
		kW	2.23	2.23	2.22	2.24	2.52	2.52	2.52	2.54	2.54	2.86	2.85	2.85	2.87	3.22	3.21	3.21	3.23	3.62	3.62	3.61	3.64	4.10	4.10	4.09	2.75
		Amps	6.2	6.2	6.2	6.2	7.7	7.7	7.7	7.8	7.8	9.7	9.7	9.6	9.7	12.1	12.0	12.0	12.1	15.0	15.0	15.0	15.1	18.7	18.7	18.7	11.8
		Hi PR	208	209	210	214	258	259	261	265	265	315	316	317	322	380	381	382	387	453	454	456	461	537	538	540	538
	Lo PR	127	134	142	154	131	137	146	158	158	133	140	149	160	134	141	149	161	134	141	150	162	136	143	151	165	
	1260	MBh	41.8	42.4	43.6	45.4	40.0	40.5	41.7	43.4	37.5	38.0	39.1	40.9	34.4	34.9	36.0	37.7	31.2	31.6	32.7	34.3	28.2	28.7	29.6	29.6	
		S/T	0.99	0.99	0.84	0.69	0.99	0.99	0.99	0.84	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.92	0.77	1.00	1.00	0.97	0.85
		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	2.25	2.25	2.24	2.26	2.54	2.54	2.54	2.56	2.87	2.87	2.87	2.89	3.24	3.23	3.23	3.25	3.64	3.64	3.63	3.66	4.12	4.11	4.11	2.76	
		Amps	6.2	6.2	6.2	6.2	7.8	7.8	7.8	7.8	9.7	9.7	9.7	9.8	12.1	12.1	12.1	12.1	15.1	15.1	15.1	15.2	18.8	18.8	18.7	11.9	
Hi PR		210	211	213	216	260	261	263	267	267	317	318	320	324	382	383	385	389	456	457	459	464	538	541	543	541	
Lo PR	133	140	149	162	135	142	151	163	163	135	142	151	163	134	141	149	161	132	139	147	159	131	137	146	157		
1450	MBh	42.6	43.2	44.4	46.2	40.7	41.3	42.4	44.2	38.2	38.7	39.9	41.6	35.1	35.6	36.7	38.4	31.8	32.3	33.3	34.9	28.8	27.8	28.8	29.3		
	S/T	0.99	0.99	0.88	0.73	0.99	0.99	0.99	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	0.96	0.81	1.00	1.00	1.00	0.91	
	ΔT	34	32	28	24	33	31	27	23	32	30	26	22	30	28	25	21	29	27	24	20	29	26	23	20		
	kW	2.26	2.26	2.26	2.28	2.56	2.56	2.55	2.57	2.89	2.89	2.88	2.90	3.25	3.25	3.24	3.27	3.66	3.65	3.65	3.67	4.13	2.76	2.76	2.61		
	Amps	6.2	6.2	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	12.2	15.2	15.1	15.1	15.2	18.9	11.9	11.9	11.3		
	Hi PR	212	213	215	218	263	264	265	269	269	320	321	322	326	385	386	387	392	459	460	462	466	542	537	539	540	
Lo PR	132	138	148	160	135	141	151	163	163	137	144	153	165	138	145	154	166	139	145	154	166	140	149	158	171		

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI conditions

Amps = outdoor unit amps (comp.+fan)

		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
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		39.8	40.5	41.9		32.5	33.1	34.3	
	S/T	0.65	0.51	0.36		0.60	0.49	0.36		0.59	0.51	0.39		0.60	0.53	0.40		0.63	0.55	0.43		0.69	0.61	0.48	
	ΔT	21	21	16		22	19	15		21	19	15		20	18	15		20	18	14		22	20	16	
	kW	1.48	2.28	3.26		2.27	3.69	3.69		4.17	4.16	4.15		4.67	4.67	4.66		5.23	5.22	5.22		4.98	4.98	4.97	
	Amps	6.0	9.1	12.8		9.1	14.4	14.4		16.2	16.2	16.2		18.2	18.1	18.1		20.3	20.3	20.3		19.3	19.3	19.3	
	Hi PR	257	270	285		307	328	330		374	375	377		424	425	427		478	480	481		522	524	526	
	Lo PR	119	119	124		120	122	130		119	127	135		123	130	139		126	134	143		132	139	149	
	MBh	28.9	44.3	52.3		39.2	49.5	51.0		46.8	47.4	48.9		43.8	44.5	45.9		40.6	41.2	42.6		33.1	33.7	34.9	
	S/T	0.70	0.57	0.43		0.66	0.56	0.43		0.66	0.59	0.46		0.68	0.60	0.48		0.70	0.62	0.50		0.76	0.69	0.56	
	ΔT	20	19	14		21	18	14		19	18	14		19	17	14		18	16	13		21	19	15	
1380	kW	1.59	2.56	3.29		2.57	3.72	3.71		4.19	4.19	4.18		4.70	4.69	4.69		5.25	5.25	5.24		5.01	5.00	5.00	
	Amps	6.5	10.2	12.9		10.2	14.5	14.5		16.3	16.3	16.3		18.3	18.3	18.2		20.4	20.4	20.4		19.4	19.4	19.4	
	Hi PR	261	277	288		314	331	333		377	378	380		427	428	430		481	482	484		525	526	528	
	Lo PR	120	120	127		120	124	133		121	129	137		125	132	141		128	136	145		133	141	151	
	MBh	33.3	51.7	53.2		45.5	50.4	51.9		47.7	48.4	49.8		44.8	45.4	46.8		41.4	42.1	43.5		33.9	34.5	35.7	
	S/T	0.71	0.59	0.46		0.68	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		0.73	0.66	0.53		0.80	0.72	0.59	
	ΔT	19	17	13		20	16	13		18	16	13		18	16	12		17	15	12		19	17	14	
	kW	1.81	3.32	3.31		3.09	3.74	3.74		4.22	4.21	4.21		4.72	4.72	4.71		5.28	5.27	5.27		5.03	5.02	5.02	
	Amps	7.4	13.0	13.0		12.1	14.6	14.6		16.4	16.4	16.4		18.4	18.3	18.3		20.5	20.5	20.5		19.5	19.5	19.4	
	Hi PR	267	289	291		324	334	336		379	381	383		430	431	433		484	485	487		528	529	531	
	Lo PR	120	120	129		119	126	135		123	131	140		127	135	144		130	138	147		135	144	153	

75	MBh	26.7	40.2	51.5	53.8	35.1	48.8	50.2	52.5	46.0	46.7	48.1	50.3	43.1	43.8	45.2	47.4	39.9	40.5	41.9	44.0	32.5	33.1	34.3	36.1
	S/T	0.79	0.64	0.48	0.34	0.73	0.61	0.48	0.35	0.71	0.64	0.51	0.37	0.73	0.65	0.53	0.39	0.75	0.68	0.55	0.41	0.81	0.74	0.61	0.47
	ΔT	25	25	20	16	26	23	20	16	25	23	20	16	24	22	19	15	24	22	18	15	26	24	21	17
	kW	1.48	2.27	3.26	3.29	2.27	3.69	3.68	3.72	4.16	4.16	4.15	4.19	4.67	4.66	4.65	4.69	5.22	5.22	5.21	5.25	4.98	4.98	4.97	5.00
	Amps	6.0	9.1	12.8	12.9	9.1	14.4	14.4	14.5	16.2	16.2	16.2	16.3	18.1	18.1	18.1	18.2	20.3	20.3	20.3	20.4	19.3	19.3	19.3	19.4
	Hi PR	257	270	286	291	308	328	330	335	374	375	377	382	424	425	427	432	479	480	482	487	523	524	526	531
	Lo PR	119	119	124	135	120	122	130	141	119	127	135	146	123	130	139	150	126	134	143	154	132	139	149	160
	MBh	28.9	44.3	52.3	54.5	39.2	49.5	51.0	53.2	46.8	47.5	48.9	51.1	43.9	44.5	45.9	48.1	40.6	41.2	42.6	44.7	33.1	33.7	34.9	36.7
	S/T	0.84	0.70	0.55	0.41	0.79	0.68	0.56	0.42	0.78	0.71	0.58	0.44	0.80	0.73	0.60	0.46	0.82	0.75	0.62	0.48	1.00	0.81	0.68	0.54
	ΔT	24	24	19	15	25	22	18	15	24	22	18	15	23	21	18	14	22	20	17	14	25	23	19	16
1380	kW	1.58	2.56	3.29	3.32	2.57	3.72	3.71	3.75	4.19	4.19	4.18	4.21	4.69	4.69	4.68	4.72	5.25	5.25	5.24	5.27	5.00	5.00	5.00	5.02
	Amps	6.5	10.2	12.9	13.0	10.2	14.5	14.5	14.6	16.3	16.3	16.3	16.4	18.3	18.2	18.3	18.3	20.4	20.4	20.4	20.5	19.4	19.4	19.4	19.5
	Hi PR	261	278	289	294	314	331	333	338	377	378	380	385	427	428	430	435	481	483	485	490	526	527	529	533
	Lo PR	120	120	127	137	120	124	133	143	121	129	137	148	125	132	141	152	128	136	145	156	133	141	151	162
	MBh	33.3	51.8	53.2	55.5	45.6	50.5	51.9	54.1	47.7	48.4	49.8	52.0	44.8	45.4	46.8	49.0	41.5	42.1	43.5	45.6	33.9	34.5	35.7	37.5
	S/T	0.84	0.71	0.59	0.45	0.81	0.72	0.59	0.46	0.81	0.74	0.61	0.48	0.83	0.76	0.63	0.50	0.85	0.78	0.65	0.52	1.00	0.85	0.72	0.58
	ΔT	24	21	17	14	24	21	17	13	22	21	17	13	22	20	16	13	21	19	16	12	24	22	18	14
	kW	1.81	3.32	3.31	3.35	3.09	3.74	3.73	3.77	4.21	4.21	4.20	4.24	4.72	4.71	4.71	4.74	5.27	5.27	5.26	5.30	5.02	5.02	5.01	5.04
	Amps	7.4	13.0	13.0	13.1	12.1	14.6	14.6	14.7	16.4	16.4	16.4	16.5	18.3	18.3	18.3	18.4	20.5	20.5	20.5	20.6	19.5	19.5	19.4	19.5
	Hi PR	267	289	291	296	324	334	336	341	380	381	383	388	430	431	433	438	484	485	487	492	528	529	531	536
	Lo PR	120	120	129	140	120	126	135	146	123	131	140	151	127	135	144	155	130	138	147	159	135	144	153	165

IDB = Entering Indoor Dry Bulb Temperature

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 (comp.+fan)

EXPANDED COOLING DATA — DC9VSA4810A* / 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	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	32.7	33.3	34.5	36.3	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	1.00	0.86	0.73	0.59	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	31	29	25	21	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	4.98	5.00	4.98	4.98	4.98	4.97	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	19.3	19.3	19.3	19.3	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	523	524	526	531	523	524	526	531				
	Lo PR	120	120	125	136	119	122	131	142	120	127	136	147	123	131	140	151	132	134	143	155	132	140	149	161	132	140	149	161	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	33.4	33.9	35.1	36.9	33.4	33.9	35.1	36.9				
1380	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	1.00	0.93	0.80	0.66	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	29	27	24	20	29	27	24	20				
	kW	1.59	2.73	3.29	3.32	2.71	3.72	3.71	3.75	4.19	4.19	4.18	4.22	4.70	4.69	4.65	4.72	5.25	5.25	5.24	5.28	5.01	5.00	5.00	5.02	5.01	5.00	5.00	5.02	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	19.4	19.4	19.4	19.4	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	526	527	529	534	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	134	142	151	163	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	34.1	34.7	35.9	37.7	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	1.00	0.97	0.84	0.70	1.00	0.97	0.84	0.70				
1590	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	28	26	22	19	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	5.02	5.02	5.02	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	19.5	19.5	19.4	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	529	530	532	537	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	136	144	154	165	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	33.4	34.0	35.2	37.0	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	1.00	1.00	0.83	0.69	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	34	32	29	25	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	4.99	4.99	4.98	4.98	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	19.3	19.3	19.3	19.3	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	525	526	528	532	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	134	142	151	162	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	34.0	34.6	35.8	37.6	34.0	34.6	35.8	37.6				
1380	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	1.00	1.00	0.90	0.76	1.00	1.00	0.90	0.76				
	ΔT	33	30	27	23	34	30	26	23	31	30	26	22	31	29	25	22	30	28	25	21	33	31	27	24	33	31	27	24	33	31	27	24				
	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	5.01	5.01	5.00	5.03	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	19.4	19.4	19.4	19.4	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	527	529	530	535	527	529	530	535				
	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	137	146	155	167	137	146	155	167				
	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	34.8	35.4	36.6	38.4	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	1.00	1.00	0.94	0.80	1.00	1.00						

		OUTDOOR AMBIENT TEMPERATURE																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																													
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
70	MBh	36.4	43.9	53.4		45.4	52.0	58.5		53.4	56.0	57.7		53.2	54.0	55.7		50.5	51.4	53.1		44.0	44.8	44.4							
	S/T	0.65	0.53	0.37		0.61	0.51	0.36		0.60	0.51	0.38		0.59	0.52	0.40		0.61	0.54	0.42		0.69	0.61	0.49							
	ΔT	20	19	16		21	19	16		22	20	16		21	20	16		21	19	15		21	19	16							
	kW	1.94	2.46	3.17		2.95	3.56	4.54		4.39	5.10	5.09		5.69	5.68	5.67		6.33	6.33	6.32		5.52	5.52	5.11							
	Amps	7.7	9.5	11.9		11.4	13.5	17.0		16.7	19.4	19.4		22.0	22.0	22.0		25.0	24.9	24.9		22.1	22.1	20.5							
	Hi PR	249	260	272		305	314	318		366	363	365		413	414	416		469	470	472		527	528	524							
	Lo PR	120	119	121		120	120	122		119	120	127		121	124	130		124	127	134		133	136	145							
70	MBh	40.6	46.7	59.8		49.8	55.9	59.4		56.6	56.8	58.6		54.1	54.9	56.6		51.4	52.3	54.0		42.9	43.6	45.2							
	S/T	0.71	0.60	0.44		0.67	0.58	0.43		0.66	0.58	0.45		0.66	0.59	0.47		0.68	0.61	0.49		0.77	0.69	0.56							
	ΔT	19	18	15		20	18	15		20	19	15		20	18	14		19	18	14		19	18	14							
	kW	2.22	2.66	3.81		3.34	3.94	4.57		4.80	5.13	5.12		5.72	5.72	5.71		6.37	6.36	6.35		5.15	5.14	5.14							
	Amps	8.7	10.1	14.1		12.7	14.8	17.1		18.3	19.5	19.5		22.2	22.1	22.1		25.1	25.1	25.0		20.6	20.6	20.6							
	Hi PR	258	265	282		313	322	321		373	366	368		416	417	419		472	473	475		524	525	527							
	Lo PR	120	120	119		120	120	124		120	122	129		122	126	132		126	129	136		136	140	147							
1890	MBh	44.8	51.3	60.3		53.0	58.8	60.5		57.1	58.0	59.7		55.2	56.0	57.7		52.6	53.4	55.2		43.9	44.6	42.8							
	S/T	0.73	0.63	0.46		0.70	0.59	0.47		0.68	0.61	0.49		0.70	0.63	0.50		0.72	0.65	0.52		0.81	0.73	0.61							
	ΔT	18	17	14		19	17	14		19	17	14		19	17	13		18	16	13		18	17	13							
	kW	2.50	3.01	4.10		3.61	4.61	4.60		5.16	5.16	5.15		5.75	5.74	5.73		6.39	6.39	6.38		5.17	5.16	4.57							
	Amps	9.6	11.3	15.1		13.7	17.2	17.2		19.7	19.6	19.6		22.3	22.3	22.2		25.2	25.2	25.2		20.7	20.7	18.3							
	Hi PR	264	273	279		319	321	323		368	369	371		419	420	422		475	476	478		526	528	521							
	Lo PR	120	120	121		121	120	126		121	124	131		124	128	134		128	131	138		138	142	152							

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F						75°F						85°F											
1390	MBh	36.4	43.9	53.4	60.9	45.5	52.0	58.5	61.1	53.4	56.0	57.7	60.3	53.2	54.0	55.8	58.4	50.6	51.4	53.2	55.8	44.1	44.8	44.4	46.8
	S/T	0.79	0.67	0.50	0.34	0.74	0.64	0.48	0.35	0.72	0.63	0.50	0.37	0.71	0.64	0.52	0.39	0.73	0.66	0.54	0.40	0.81	0.74	0.61	0.48
	ΔT	24	23	21	17	25	24	21	17	26	25	21	17	26	24	20	16	25	23	20	16	25	23	20	16
	kW	1.94	2.46	3.17	4.07	2.95	3.56	4.53	4.57	4.38	5.09	5.08	5.12	5.68	5.68	5.67	5.71	6.33	6.33	6.32	6.36	5.52	5.51	5.11	5.14
	Amps	7.6	9.5	11.9	15.0	11.4	13.5	16.9	17.1	16.7	19.4	19.3	19.5	22.0	22.0	22.0	22.1	24.9	24.9	24.9	25.1	22.1	22.1	20.5	20.6
	Hi PR	250	260	272	278	305	315	318	323	366	363	365	370	414	415	417	421	469	470	472	477	527	528	524	529
1640	Lo PR	120	119	121	126	120	120	122	132	119	121	127	137	121	124	130	140	124	127	134	144	133	136	145	156
	MBh	40.6	46.7	59.8	61.8	49.8	55.9	59.4	62.0	56.6	56.9	58.6	61.2	54.1	54.9	56.6	59.3	51.5	52.3	54.1	56.7	42.9	43.7	45.2	44.1
	S/T	0.84	0.73	0.56	0.41	0.80	0.70	0.55	0.42	0.79	0.70	0.57	0.44	0.78	0.71	0.59	0.46	0.80	0.73	0.60	0.47	0.99	0.82	0.69	0.56
	ΔT	23	22	19	16	24	23	19	15	25	23	19	15	24	22	19	15	24	22	18	14	23	22	18	14
	kW	2.22	2.66	3.81	4.11	3.34	3.94	4.57	4.61	4.80	5.13	5.12	5.16	5.72	5.71	5.70	5.74	6.36	6.36	6.35	6.39	5.15	5.14	5.14	4.57
	Amps	8.6	10.1	14.1	15.1	12.7	14.8	17.1	17.3	18.3	19.5	19.5	19.7	22.2	22.1	22.1	22.3	25.1	25.1	25.0	25.2	20.6	20.6	20.6	18.4
1890	Hi PR	258	266	282	281	313	322	321	326	373	366	368	373	416	418	420	424	472	473	475	480	524	525	527	523
	Lo PR	120	120	119	128	120	120	124	134	120	122	129	139	122	126	132	142	126	129	136	146	136	140	147	161
	MBh	44.8	51.3	60.3	62.9	53.1	58.8	60.5	63.1	57.2	58.0	59.7	62.3	55.2	56.0	57.8	60.4	52.6	53.4	55.2	57.9	43.9	44.7	42.9	45.0
	S/T	0.86	0.76	0.58	0.45	0.82	0.71	0.59	0.45	0.81	0.73	0.61	0.47	0.82	0.75	0.62	0.49	0.83	0.76	0.64	0.51	0.99	0.86	0.74	0.60
	ΔT	23	21	18	14	23	22	18	14	24	22	18	14	23	21	18	14	23	21	17	13	22	21	17	13
	kW	2.50	3.00	4.09	4.14	3.61	4.60	4.59	4.64	5.16	5.15	5.14	5.19	5.74	5.74	5.73	5.77	6.39	6.39	6.38	6.42	5.16	5.16	4.56	4.59
75	Amps	9.6	11.3	15.1	15.2	13.7	17.2	17.2	17.4	19.7	19.6	19.6	19.8	22.3	22.2	22.2	22.4	25.2	25.2	25.1	25.3	20.7	20.7	18.3	18.4
	Hi PR	265	273	279	284	319	322	324	328	368	369	371	376	419	420	422	427	475	476	478	483	527	528	521	526
	Lo PR	120	120	121	130	121	120	126	136	121	125	131	141	125	128	134	144	128	131	138	148	138	142	152	163
	MBh	44.8	51.3	60.3	62.9	53.1	58.8	60.5	63.1	57.2	58.0	59.7	62.3	55.2	56.0	57.8	60.4	52.6	53.4	55.2	57.9	43.9	44.7	42.9	45.0
	S/T	0.86	0.76	0.58	0.45	0.82	0.71	0.59	0.45	0.81	0.73	0.61	0.47	0.82	0.75	0.62	0.49	0.83	0.76	0.64	0.51	0.99	0.86	0.74	0.60
	ΔT	23	21	18	14	23	22	18	14	24	22	18	14	23	21	18	14	23	21	17	13	22	21	17	13

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 (comp.+fan)

EXPANDED COOLING DATA — DC9VSA6010A* / 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
1390	MBh	39.2	44.1	56.8	61.2	45.7	52.3	58.8	61.4	53.7	56.3	58.0	60.6	53.5	54.3	56.1	58.7	50.9	51.7	53.5	56.1	44.3	45.1	44.7	43.6
	S/T	0.90	0.80	0.62	0.46	0.86	0.76	0.60	0.46	0.84	0.75	0.62	0.49	0.83	0.76	0.63	0.50	0.99	0.78	0.65	0.52	0.99	0.86	0.74	0.61
	ΔT	29	28	25	22	29	28	25	21	30	29	25	21	30	28	25	21	29	28	24	20	29	27	24	20
	kW	2.13	2.46	3.48	4.08	2.95	3.56	4.53	4.58	4.39	5.09	5.09	5.13	5.69	5.68	5.67	5.71	6.33	6.33	6.32	6.36	5.52	5.52	5.11	4.55
	Amps	8.3	9.5	12.9	15.0	11.4	13.5	17.0	17.1	16.7	19.4	19.4	19.5	22.0	22.0	22.0	22.1	24.9	24.9	24.9	25.1	22.1	22.1	20.5	18.3
	Hi PR	254	261	277	279	306	315	319	323	366	364	366	371	414	415	417	422	470	471	473	478	527	528	525	521
80	Lo PR	119	120	119	127	121	121	123	132	120	121	127	137	121	124	131	141	124	128	134	144	133	137	145	159
	MBh	43.0	46.9	60.1	62.1	52.3	56.2	59.7	62.3	56.4	57.2	58.9	61.5	54.4	55.2	57.0	59.6	51.8	52.6	54.4	57.0	43.2	43.9	45.5	44.4
	S/T	0.96	0.86	0.68	0.53	0.91	0.82	0.67	0.54	0.89	0.82	0.69	0.56	1.00	0.83	0.70	0.57	0.99	0.85	0.72	0.59	0.99	0.94	0.81	0.69
	ΔT	28	26	24	20	29	27	24	20	29	27	24	20	29	27	23	19	28	26	22	19	28	26	22	18
	kW	2.39	2.66	3.81	4.11	3.59	3.94	4.57	4.61	5.13	5.13	5.12	5.16	5.72	5.72	5.70	5.75	6.37	6.36	6.35	6.39	5.15	5.14	5.14	4.57
	Amps	9.2	10.1	14.1	15.1	13.6	14.8	17.1	17.3	19.5	19.5	19.5	19.7	22.2	22.1	22.1	22.3	25.1	25.1	25.0	25.2	20.6	20.6	20.6	18.4
1890	Hi PR	261	266	283	281	317	323	321	326	366	367	369	373	417	418	420	425	473	474	476	481	524	526	528	524
	Lo PR	119	121	120	129	119	121	125	134	119	123	129	139	123	126	133	143	126	130	136	146	137	141	147	161
	MBh	47.2	53.9	60.6	63.2	56.5	59.1	60.8	63.4	57.5	58.3	60.0	62.6	55.5	56.3	58.1	60.7	52.9	53.7	55.5	58.2	44.2	44.9	43.1	45.3
	S/T	0.98	0.87	0.70	0.57	0.93	0.83	0.71	0.57	0.92	0.85	0.72	0.59	1.00	0.86	0.74	0.61	0.99	0.88	0.76	0.62	0.99	0.98	0.87	0.72
	ΔT	27	26	23	19	28	26	23	19	28	26	23	19	28	26	22	18	27	25	21	18	26	25	21	17
	kW	2.68	3.23	4.10	4.14	3.97	4.61	4.60	4.64	5.16	5.16	5.15	5.19	5.75	5.74	5.73	5.77	6.39	6.39	6.38	6.42	5.17	5.16	4.57	4.59
1890	Amps	10.2	12.1	15.1	15.3	14.9	17.2	17.2	17.4	19.7	19.6	19.6	19.8	22.3	22.3	22.2	22.4	25.2	25.2	25.1	25.3	20.7	20.7	18.3	18.4
	Hi PR	268	276	279	284	324	322	324	329	368	369	371	376	420	421	423	428	475	477	479	483	527	528	522	526
	Lo PR	120	119	121	131	119	121	127	137	122	125	131	141	125	128	135	145	128	132	138	148	139	143	152	163

1390	MBh	40.9	47.0	60.2	62.2	50.1	56.2	59.8	62.4	56.4	57.3	59.0	61.6	54.5	55.3	57.0	59.7	51.9	52.7	54.4	57.1	45.3	44.0	45.5	44.4
	S/T	1.00	0.89	0.71	0.56	1.00	0.85	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.85	0.73	0.60	0.99	0.87	0.74	0.61	0.99	0.99	0.83	0.71
	ΔT	33	32	29	26	34	32	29	25	35	33	29	25	34	32	28	25	33	31	28	24	33	31	27	23
	kW	2.21	2.64	3.79	4.09	3.33	3.92	4.54	4.59	5.11	5.10	5.10	5.14	5.70	5.69	5.68	5.72	6.34	6.34	6.33	6.37	5.53	5.13	5.12	4.56
	Amps	8.6	10.1	14.0	15.0	12.7	14.8	17.0	17.2	19.5	19.4	19.4	19.6	22.1	22.0	22.0	22.2	25.0	25.0	24.9	25.1	22.1	20.6	20.5	18.3
	Hi PR	257	265	281	280	312	321	320	325	364	365	367	372	415	417	418	423	471	472	474	479	529	524	526	522
85	Lo PR	120	120	119	128	120	120	124	134	119	123	129	139	123	126	132	142	126	129	136	146	135	140	147	161
	MBh	44.9	51.4	60.5	63.0	53.2	59.0	60.7	63.3	57.3	58.1	59.9	62.5	55.4	56.2	57.9	60.6	52.8	53.6	55.4	58.0	44.1	44.8	46.3	45.2
	S/T	1.00	0.94	0.76	0.63	1.00	0.89	0.76	0.63	1.00	0.91	0.78	0.65	1.00	0.92	0.80	0.67	0.99	0.94	0.81	0.68	0.99	0.99	0.91	0.79
	ΔT	32	31	28	24	33	32	28	24	33	31	28	24	33	31	27	23	32	30	26	23	31	29	26	22
	kW	2.49	2.99	4.08	4.12	3.60	4.59	4.58	4.62	5.14	5.14	5.13	5.17	5.73	5.73	5.72	5.76	6.38	6.37	6.36	6.40	5.15	5.15	5.14	4.58
	Amps	9.6	11.3	15.0	15.2	13.7	17.2	17.1	17.3	19.6	19.6	19.5	19.7	22.2	22.2	22.1	22.3	25.1	25.1	25.1	25.2	20.7	20.7	20.6	18.4
1890	Hi PR	264	272	278	283	318	321	323	327	367	368	370	375	418	419	421	426	474	475	477	482	526	527	529	525
	Lo PR	120	120	121	130	121	120	126	136	121	124	131	141	124	128	134	144	128	131	138	148	138	142	149	163
	MBh	47.9	54.8	61.6	64.1	59.9	60.1	61.8	64.3	58.4	59.3	61.0	63.6	56.5	57.3	59.0	61.7	53.9	54.7	56.5	59.2	45.1	42.5	43.9	46.1
	S/T	1.00	0.97	0.80	0.66	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	0.96	0.83	0.70	0.99	0.97	0.85	0.72	0.99	0.99	0.97	0.82
	ΔT	31	30	27	23	32	30	27	23	32	30	26	23	31	29	26	22	31	29	25	21	30	28	24	21
	kW	2.69	3.23	4.11	4.15	4.33	4.62	4.61	4.65	5.17	5.17	5.16	5.20	5.76	5.75	5.74	5.78	6.40	6.40	6.39	6.43	5.17	4.58	4.57	4.60
1890	Amps	10.3	12.1	15.1	15.3	16.2	17.3	17.3	17.4	19.7	19.7	19.6	19.8	22.3	22.3	22.3	22.4	25.2	25.2	25.2	25.4	20.7	18.4	18.4	18.5
	Hi PR	269	277	281	285	329	323	325	330	370	371	373	377	421	422	424	429	477	478	480	485	528	521	523	528
	Lo PR	121	121	123	133	119	122	128	138	123	127	133	143	127	130	137	147	130	133	140	150	141	147	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 AHRI conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PERFORMANCE DATA FOR STANDARD OPERATING MODE

DC9VSA2410A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F - 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	1,815
85°	24,700	18,000	6,700	1,910
90°	24,000	17,700	6,300	2,010
95°	23,200	17,400	5,800	2,110
100°	22,200	17,000	5,200	2,220
105°	21,100	16,500	4,600	2,330
110°	20,300	16,400	3,900	2,460
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

DC9VSA3610A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	41,000	30,300	10,700	2,530
80°	39,800	30,000	9,800	2,695
85°	38,500	29,600	8,900	2,860
90°	36,800	28,700	8,100	3,095
95°	35,000	27,700	7,300	3,330
100°	33,600	26,900	6,700	3,480
105°	32,100	26,000	6,100	3,630
110°	30,600	25,700	4,900	3,865
115°	29,100	25,300	3,800	4,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	27,300	6,800	3,230

DC9VSA2410A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 13-15 °F - 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

DC9VSA3610A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F - 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

PERFORMANCE DATA FOR FIELD-SELECTABLE BOOST MODE (CONT.)

DC9VSA4810A* / DFVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 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	3,945
85°	49,100	34,400	14,700	4,180
90°	47,800	34,000	13,800	4,415
95°	46,500	33,500	13,000	4,650
100°	44,700	32,600	12,100	4,945
105°	42,900	31,700	11,200	5,240
110°	39,000	29,900	9,100	5,120
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

DC9VSA4810A* / DFVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F				
- 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

DC9VSA6010A* / DFVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 15-17 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	59,700	40,000	19,700	4,570
80°	59,300	40,300	19,000	4,845
85°	58,900	40,600	18,300	5,120
90°	58,000	40,300	17,700	5,410
95°	57,000	39,900	17,100	5,700
100°	55,700	39,600	16,100	6,025
105°	54,400	39,200	15,200	6,350
110°	50,000	38,100	11,900	5,745
115°	45,500	36,900	8,600	5,140
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	54,900	39,000	15,900	5,710

DC9VSA6010A* / DFVE60DP1300A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 15-17 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	62,900	42,600	20,300	4,600
80°	62,600	43,000	19,600	4,900
85°	62,000	43,200	18,800	5,100
90°	61,100	43,100	18,000	5,400
95°	60,000	43,100	16,900	6,000
100°	58,600	43,700	14,900	6,700
105°	57,200	41,700	15,500	6,400
110°	53,600	40,400	13,200	6,300
115°	45,500	36,800	8,700	5,200
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	57,800	41,700	16,100	5,700

NORMAL MODE

SOUND POWER LEVEL ¹

TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dBs)						
		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
4-ton	73	62.9	66.4	67.0	67.4	63.0	58.9	50.6
5-ton	77	79.6	76.8	75.5	71.8	67.2	59.0	53.6

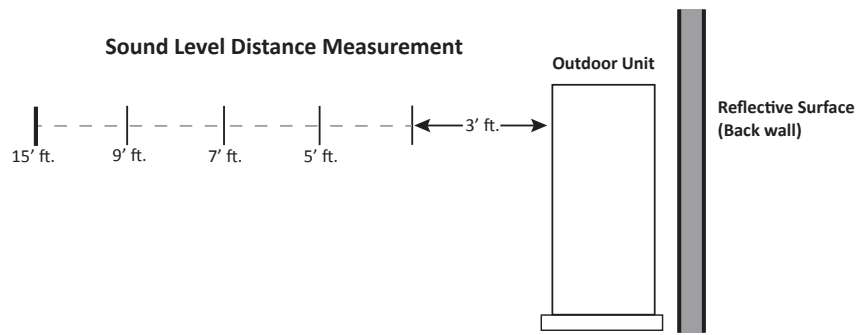
¹ Compliant with AHRI 270.

² Compliant with AHRI 220.

QUIET MODE

TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) ¹	SOUND PRESSURE LEVEL (dBA) ²
2-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45
5-ton	LV.1	72	56
	LV.2	69	53
	LV.3	66	50

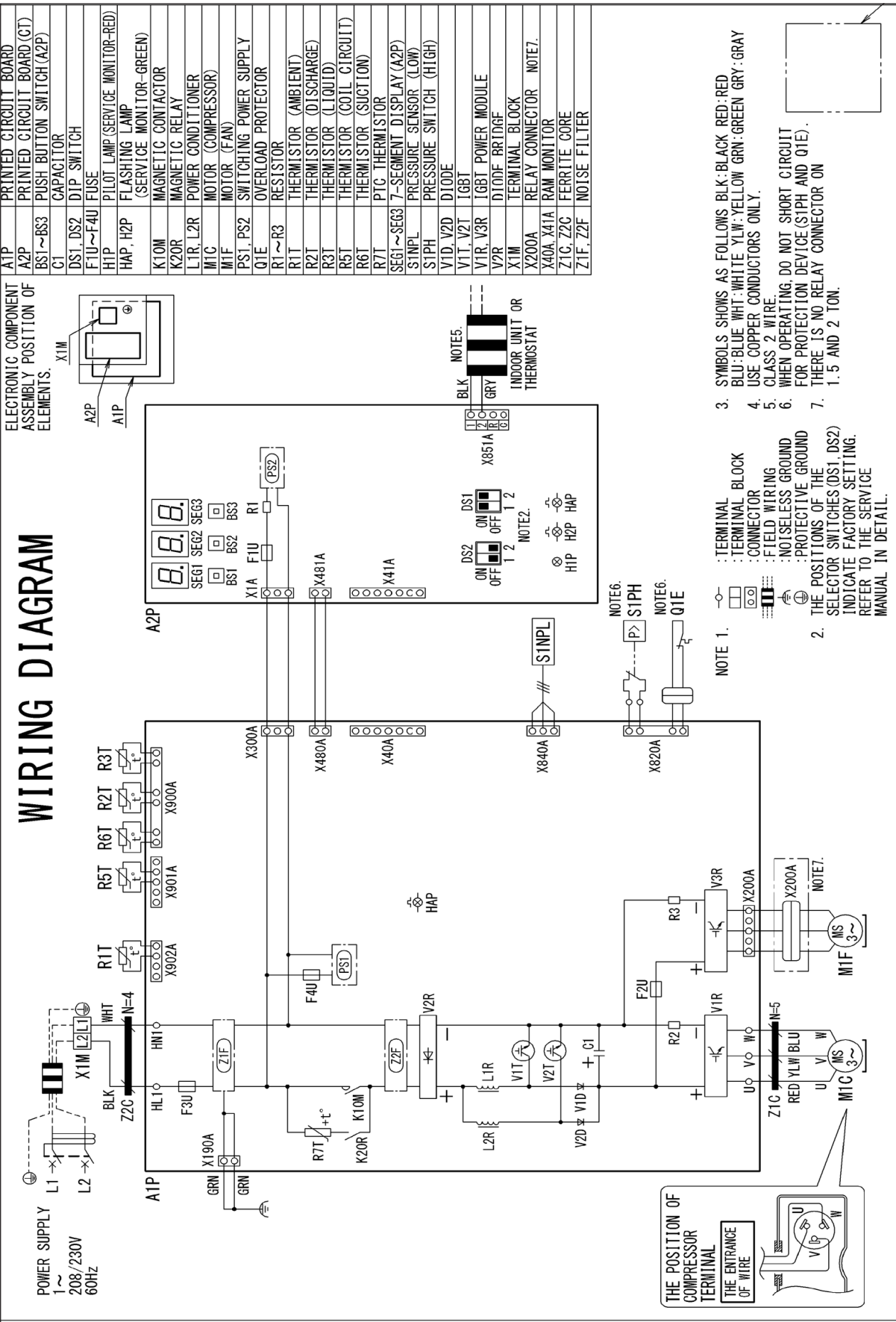
¹ Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].

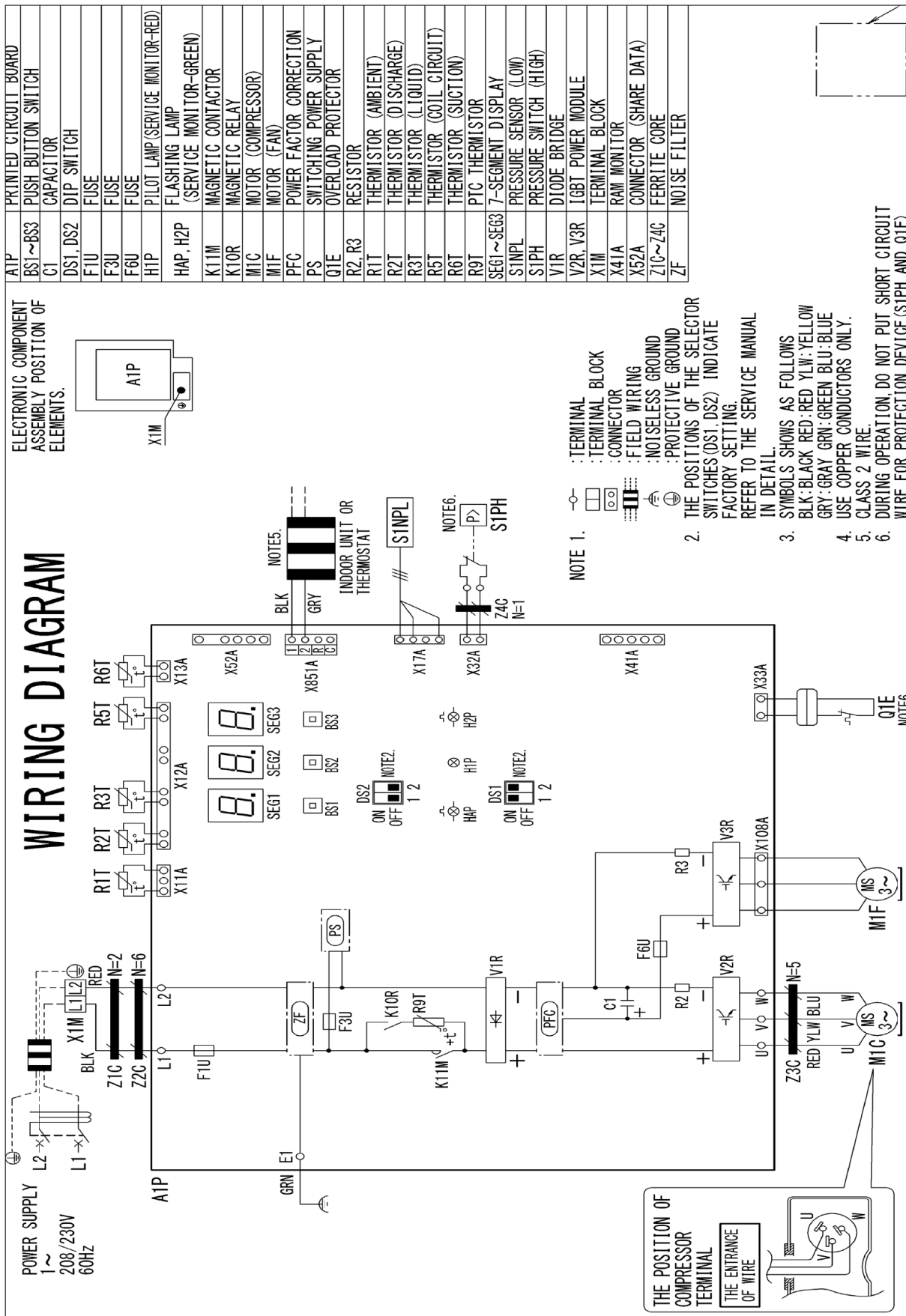


		SOUND PRESSURE (dBA) COOLING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
2.0 Ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
3.0 Ton	0	64	59	56	54	50
	1	67	62	59	57	53
	2	70	65	62	60	56
4.0 Ton	0	66	61	58	56	52
	1	69	64	61	59	55
	2	72	67	64	62	58
5.0 Ton	0	70	65	62	60	56
	1	73	68	65	63	59
	2	76	71	68	66	62

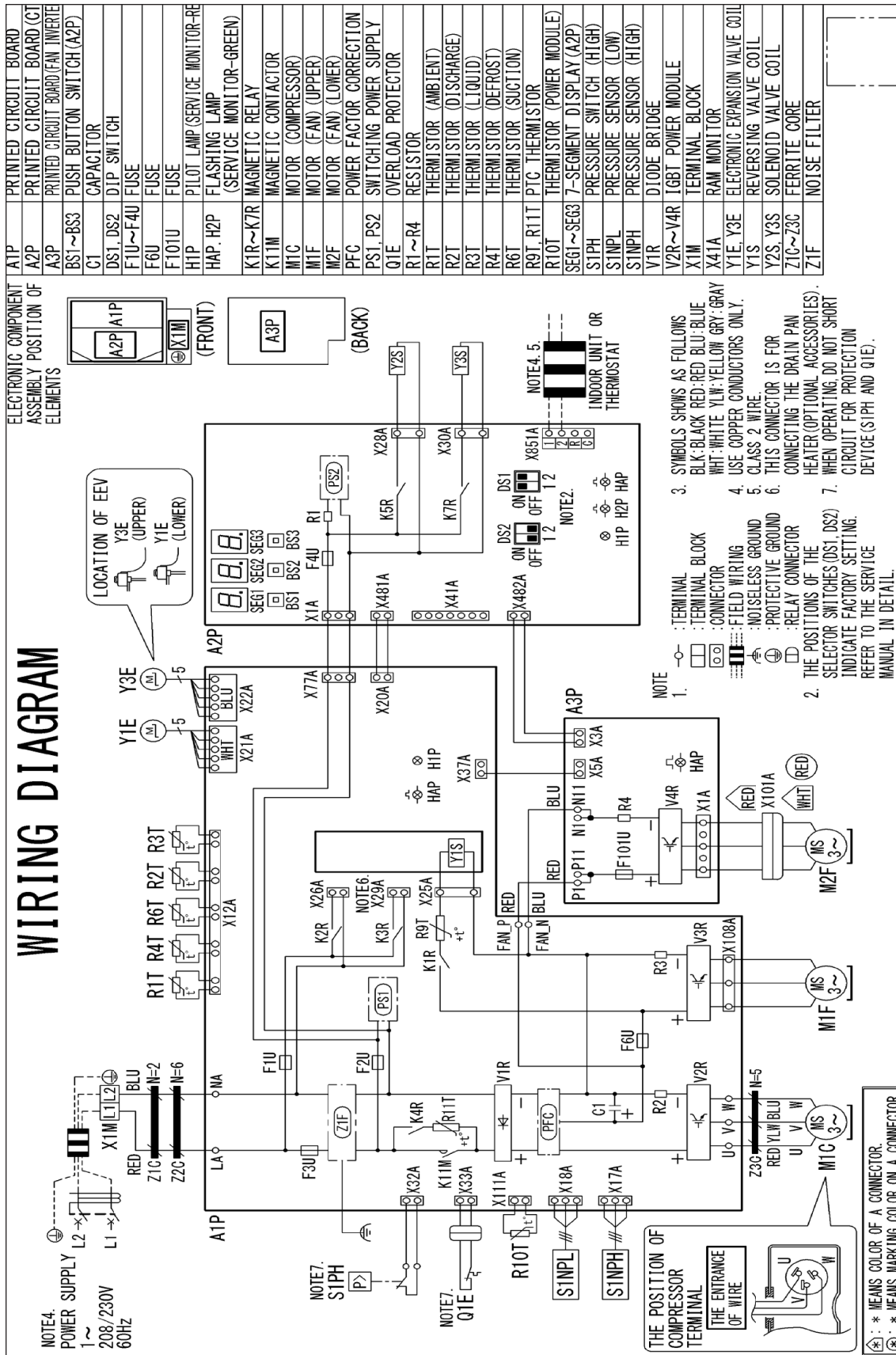
¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

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





WIRING DIAGRAM



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

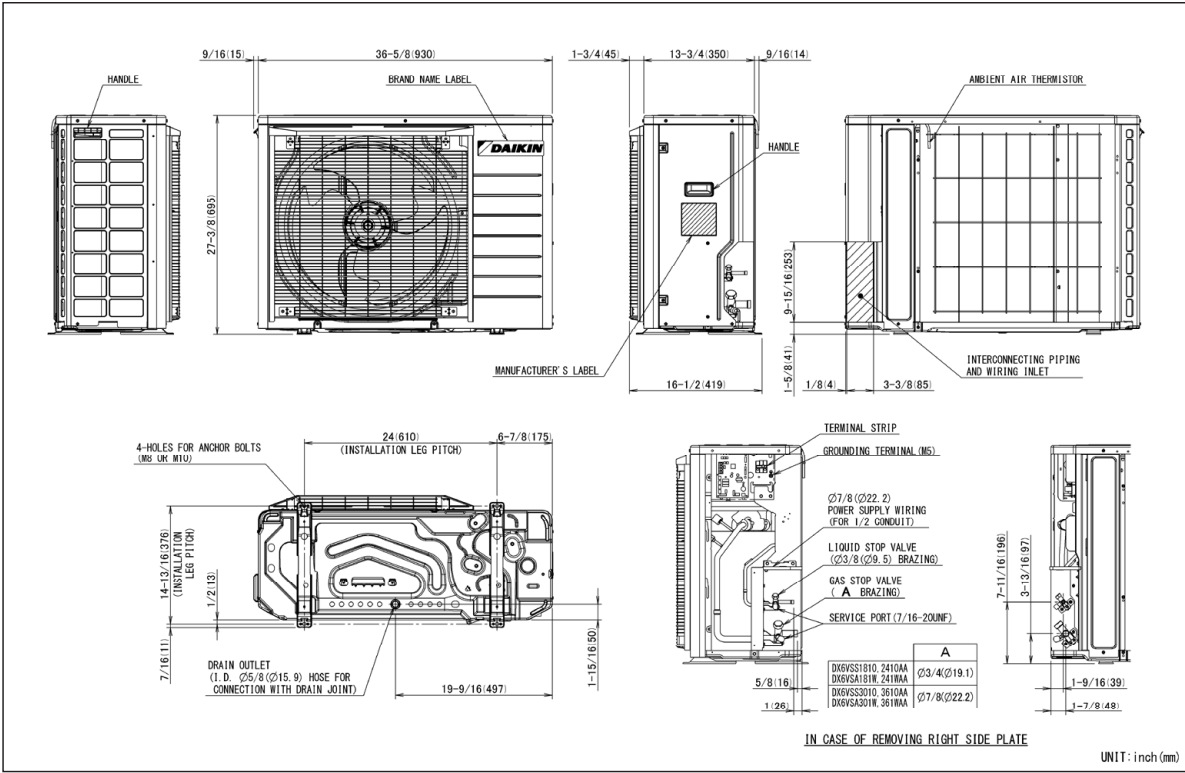


WARNING

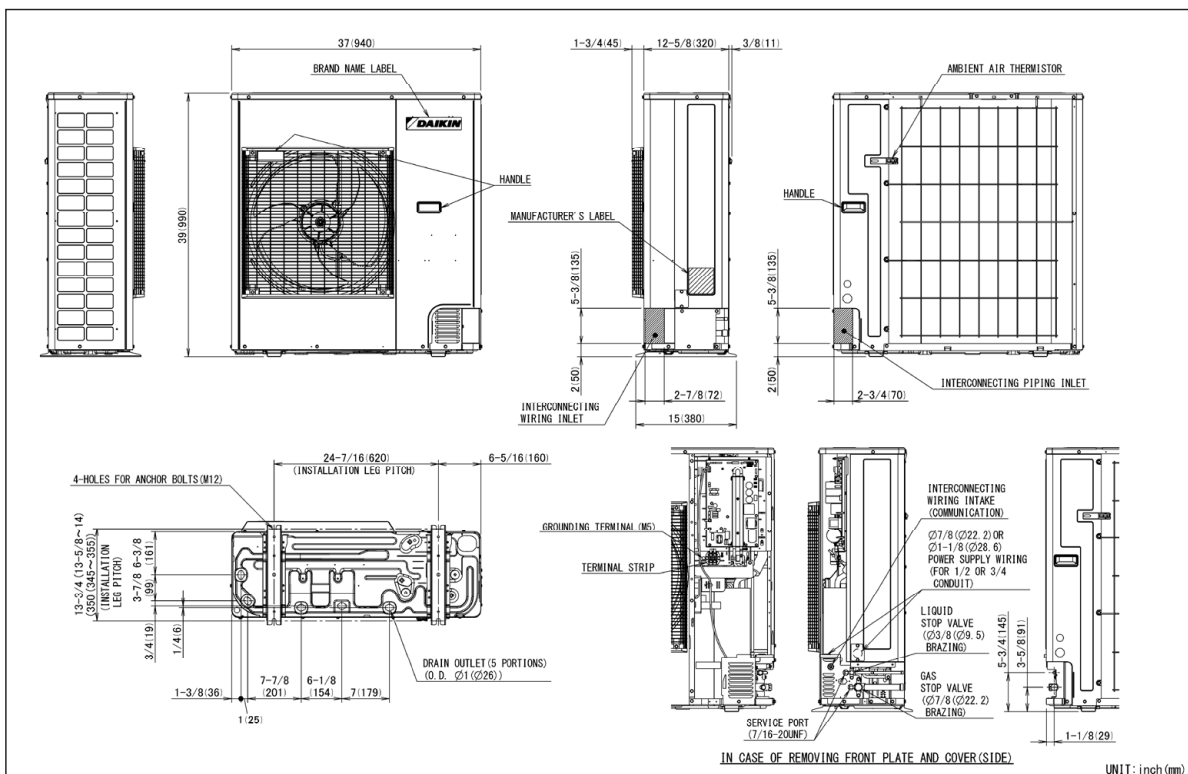
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



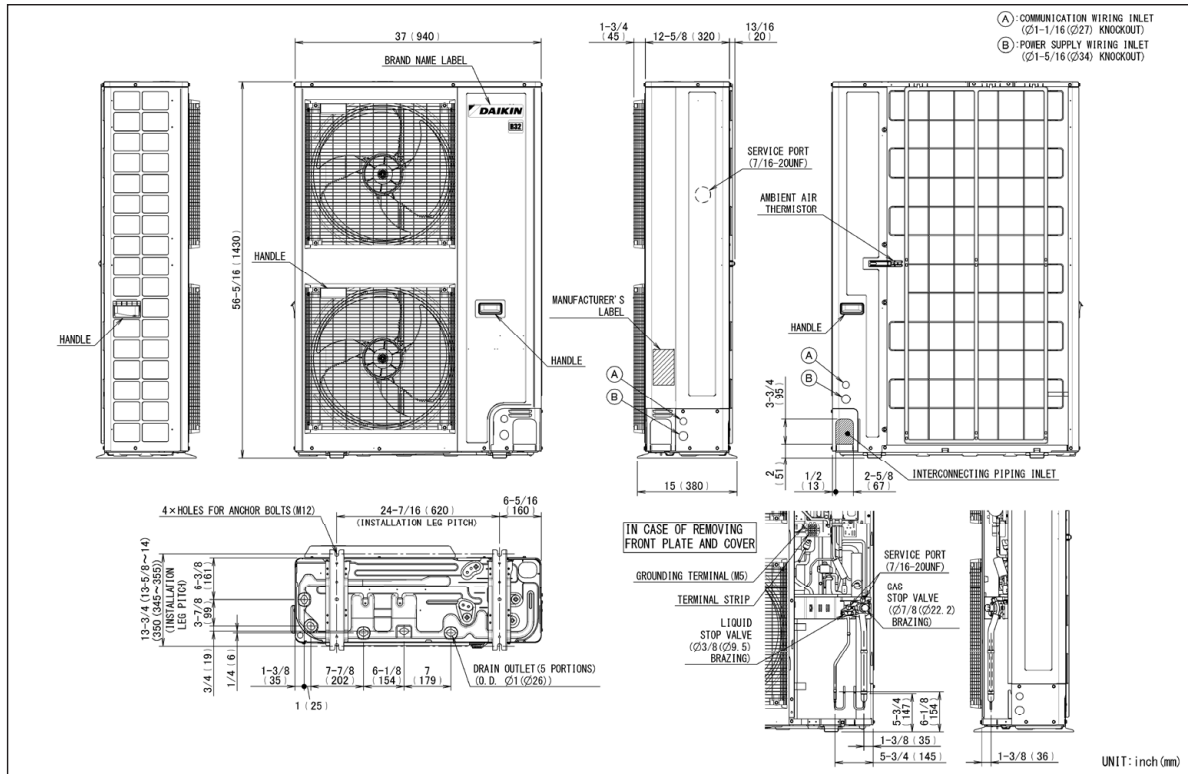
MODEL	DIMENSIONS		
	W"	D"	H"
DC9VSA2410A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$



MODEL	DIMENSIONS		
	W"	D"	H"
DC9VSA3610A*	37	12 $\frac{1}{8}$	39
DC9VSA4810A*	37	12 $\frac{1}{8}$	39



MODEL	DIMENSIONS		
	W"	D"	H"
DC9VSA6010A*	37	12 $\frac{5}{8}$	56 $\frac{5}{16}$



MODEL	DESCRIPTION	DC9VSA 2410A*	DC9VSA 3610A*	DC9VSA 4810A*	DC9VSA 6010A*
KPW5G112	Wind Baffle	X	X	X	X ¹ (2)
130-DK-006	Hail Guard	X			
130-DK-008	Hail Guard		X	X	
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	
0270R02063 (130-DK-017)	Hail Guard				X
DSEN-HAQA	Daikin One Home Air Monitor				X

¹ Please ensure that 2 nos (KPW5G112) are ordered for each model when placing the order.

[illegible]