

FIT¹

UP TO 17.2 SEER2
1½ TO 5 TONS

DAIKIN FIT
HIGH-EFFICIENCY,
COMMUNICATING,
VARIABLE-SPEED, INVERTER DRIVE SIDE DISCHARGE
SPLIT SYSTEM AIR CONDITIONER

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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

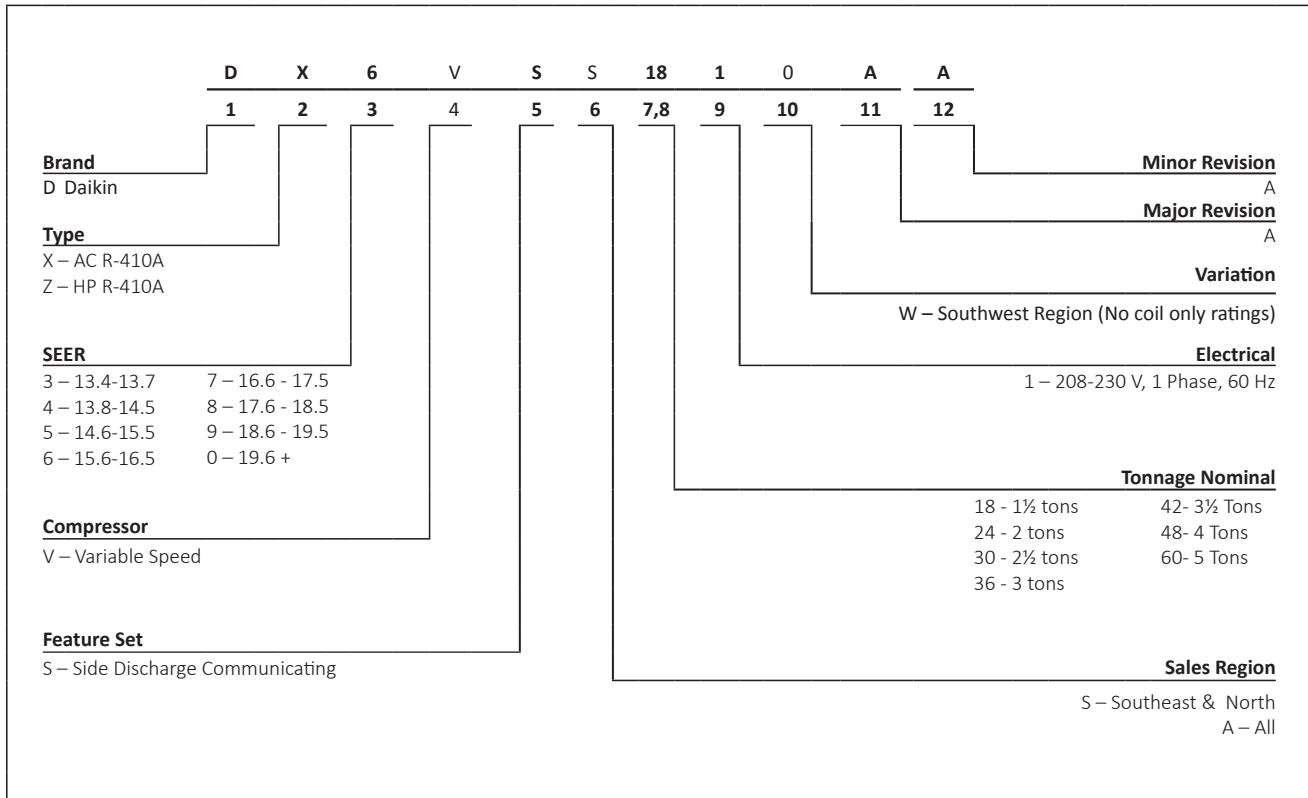
Cabinet Features

- 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 on 1.5-3-ton models
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details 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. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec. The duration of warranty coverages in Texas differs in some cases.

NOMENCLATURE



	DX6VSS 1810A*	DX6VSS 2410A*	DX6VSS 3010A*	DX6VSS 3610A*	DX6VSS 4210A*	DX6VSS 4810A*	DX6VSS 6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)	16,600	22,200	27,800	33,600	39,500	45,000	53,000
AMBIENT OPERATION RANGE COOLING (°FDB(°CDB))	0 to 115 (-17.8 to 46.1)						
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8	25.5	25.5	26.9
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
FLA	1.15	1.15	2.00	2.00	1.63	1.63	1.63
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	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"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	76	76	79	85	111	111	131
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	15±1°F	8±1°F	9±1°F	9±1°F
ELECTRICAL DATA							
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9	34.4	34.4	36.2
Max. Overcurrent Protection ³	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	119	119	129	133	163	163	174
SHIP WEIGHT (LBS)	133	133	143	148	183	183	196

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 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"	3/16"	3/8"	5/8"	3/4"	7/8"	1"
1.5	X		X	X ⁴	X		
2.0		X	X	X ⁴	X		
2.5		X	X		X ⁴	X	
3.0		X	X		X ⁴	X	
3.5			X			X	X
4.0			X			X	X
5.0			X			X	X

x Allowable combination

⁴ For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	DX6VS*361*A*	
INDOOR UNIT	D*96VC0403B/0603B	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
	D*97MC0603B	
	D*80VC0603B/0803B	
	MBVC1200	
D*96SC0603BU		
OUTDOOR UNIT	DX6VS*601*A*	
INDOOR UNIT	D*96VC0804C	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
	D*97MC0804C	
	DM80VX0804C	

PRODUCT SPECIFICATIONS

	DX6VSA 181WA*	DX6VSA 241WA*	DX6VSA 301WA*	DX6VSA 361WA*
CAPACITIES (AHRI RATED)				
Max. Cooling (BTU/h)	16,600	22,200	27,800	32,400
AMBIENT OPERATION RANGE COOLING (°FDB(°CDB))	00 to 115 (-17.8 to 46.1)			
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
RLA	10.0	13.4	16.8	16.8
CONDENSER FAN MOTOR				
Horsepower	0.09	0.09	0.20	0.20
FLA	1.15	1.15	2.00	2.00
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing
Refrigerant Charge (oz.)	76	76	79	85
Expansion Device	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	13±1°F
ELECTRICAL DATA				
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity ²	14.6	18.8	23.9	23.9
Max. Overcurrent Protection ³	15	20	25	25
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"
EQUIPMENT WEIGHT (LBS)	119	119	129	133
SHIP WEIGHT (LBS)	133	133	143	148

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1/4" 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.

EXPANDED COOLING DATA — DX6VSS4210A* / DV48FECD14A*

IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		AIRFLOW																																															
70	MBh	30.7	38.1	40.9	43.7	39.7	40.3	41.5	43.4	38.7	39.3	40.5	42.3	36.9	37.5	38.7	40.5	34.7	35.3	36.5	38.3	30.6	31.2	32.3	32.4	30.6	31.1	32.3	32.4																				
	S/T	0.73	0.63	0.50	0.36	0.72	0.64	0.51	0.37	0.74	0.67	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.75	0.62	0.48	1.00	0.62	0.49	0.48																				
	ΔT	24	23	20	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	26	24	20	17	22	20	16	17																				
	kW	2.16	2.85	3.04	3.20	3.61	3.61	3.60	3.64	4.10	4.10	4.09	4.12	4.63	4.62	4.62	4.65	5.22	5.21	5.21	5.24	5.25	5.25	5.25	5.24	4.89	5.26	5.25	5.25	4.89																			
	Amps	8.2	11.0	11.7	12.4	14.2	14.2	14.2	14.3	16.4	16.3	16.3	16.5	18.7	18.6	18.6	18.8	21.2	21.2	21.2	21.3	21.4	21.4	21.4	21.4	19.9	21.4	21.4	21.4	19.9																			
	Hi PR	253	265	269	276	311	312	314	319	355	357	358	363	403	404	406	411	455	456	458	463	500	501	503	505	502	500	501	503	502																			
	Lo PR	119	116	118	123	124	125	128	133	130	131	134	139	135	136	139	144	140	142	145	150	144	146	149	155	155	144	146	149	155																			
	MBh	33.9	40.4	42.5	44.3	40.4	40.9	42.1	44.0	39.3	39.9	41.1	42.9	37.5	38.1	39.3	41.1	35.3	35.9	37.1	38.9	31.2	31.7	32.8	33.0	31.2	31.7	32.8	33.0																				
	S/T	0.80	0.70	0.58	0.44	0.79	0.72	0.58	0.44	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.82	0.69	0.56	1.00	0.82	0.69	0.56																				
	ΔT	23	22	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	25	23	19	15	15	25	23	19	15																			
kW	2.42	3.08	3.19	3.23	3.64	3.64	3.63	3.66	4.13	4.13	4.12	4.15	4.66	4.65	4.64	4.68	5.24	5.24	5.24	5.27	5.28	5.27	5.27	4.91	4.91	5.28	5.27	5.27	4.91																				
Amps	9.2	11.9	12.4	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.8	18.8	18.7	18.9	21.3	21.3	21.3	21.4	21.5	21.5	21.5	20.0	20.0	21.5	21.5	21.5	20.0																				
Hi PR	259	270	274	279	314	315	317	321	358	359	361	366	406	406	409	414	458	459	461	465	503	504	506	505	505	503	504	506	505																				
Lo PR	119	117	123	128	126	127	130	135	132	133	136	141	137	137	142	146	142	144	147	152	146	148	151	157	157	144	146	149	157																				
MBh	38.9	41.1	43.3	45.1	41.2	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.3	38.9	40.1	41.9	36.1	36.7	37.9	39.7	31.9	32.4	33.6	33.7	31.9	32.4	33.6	33.7																					
S/T	0.81	0.74	0.61	0.47	0.83	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.54	1.00	0.86	0.73	0.60	1.00	0.86	0.73	0.60																					
ΔT	23	21	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	15	12	23	21	18	14	14	23	21	18	14																				
kW	2.90	3.10	3.22	3.25	3.66	3.66	3.65	3.69	4.15	4.15	4.14	4.17	4.68	4.67	4.67	4.70	5.27	5.26	5.26	5.29	5.30	5.29	5.29	4.93	4.93	5.30	5.29	5.29	4.93																				
Amps	11.2	12.0	12.5	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.9	18.9	18.8	19.0	21.4	21.4	21.4	21.5	21.6	21.6	21.6	20.0	20.0	21.6	21.6	21.6	20.0																				
Hi PR	269	273	277	282	316	318	319	324	361	362	364	369	409	410	412	416	460	461	463	468	505	506	508	508	508	505	506	508	508																				
Lo PR	119	119	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	149	150	153	159	159	149	150	153	159																				

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

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 — DX6VSS6010A* / DV60FECD14A*

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		AIRFLOW																																			
70	MBh	41.6	49.2	54.0	58.6	53.3	54.1	55.7	58.2	51.9	52.7	54.3	56.8	49.5	50.2	51.8	54.3	41.9	42.6	44.1	44.8	41.9	42.6	44.1	44.8	35.9	36.5	37.8	37.8								
	S/T	0.57	0.49	0.36	0.34	0.68	0.61	0.48	0.35	0.70	0.63	0.50	0.37	0.72	0.65	0.52	0.39	0.76	0.69	0.56	0.42	0.76	0.69	0.56	0.42	1.00	0.74	0.61	0.48								
	ΔT	20	19	16	14	22	21	18	14	23	21	18	15	22	21	18	14	25	23	20	16	25	23	20	16	22	20	16	16								
	kW	2.90	3.68	4.18	4.55	5.14	5.14	5.13	5.18	5.84	5.84	5.83	5.87	6.60	6.59	6.58	6.63	6.01	6.01	6.00	5.67	6.01	6.01	6.00	5.67	5.75	5.75	5.74	5.74								
	Amps	10.9	14.1	16.0	17.5	20.1	20.1	20.0	20.2	23.1	23.1	23.1	23.3	26.4	26.4	26.4	26.6	24.2	24.2	24.1	22.8	24.2	24.2	24.1	22.8	23.3	23.2	23.2	23.2								
	Hi PR	260	272	280	288	324	325	327	330	373	374	376	378	420	421	423	428	459	460	462	463	459	460	462	463	501	503	504	504								
Lo PR	113	111	113	117	119	119	121	124	125	127	130	132	130	132	135	137	132	134	136	138	132	134	136	138	141	142	145	145									
75	MBh	47.6	51.4	57.0	59.5	54.2	54.9	56.6	59.0	52.8	53.5	55.1	57.6	50.3	51.1	52.7	55.2	42.7	43.4	44.9	45.5	42.7	43.4	44.9	45.5	36.6	37.2	38.5	38.3								
	S/T	0.76	0.68	0.55	0.41	0.75	0.68	0.55	0.42	0.77	0.70	0.57	0.44	0.79	0.72	0.59	0.46	1.00	0.76	0.63	0.49	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.55								
	ΔT	24	22	16	13	21	19	16	13	21	20	17	13	21	19	16	13	24	22	18	14	24	22	18	14	24	23	19	15								
	kW	3.49	3.93	4.54	4.59	5.18	5.18	5.17	5.22	5.88	5.88	5.87	5.91	6.64	6.63	6.62	6.67	6.04	6.04	6.03	5.70	6.04	6.04	6.03	5.70	5.77	5.77	5.76	5.32								
	Amps	13.3	15.0	17.5	17.7	20.3	20.3	20.2	20.4	23.3	23.3	23.2	23.5	26.6	26.6	26.5	26.7	24.3	24.3	24.3	22.9	24.3	24.3	24.3	22.9	23.4	23.4	23.3	21.5								
	Hi PR	271	278	286	291	327	328	330	335	373	374	376	381	423	424	426	431	462	463	465	465	462	463	465	465	504	505	507	505								
Lo PR	112	113	117	122	119	121	124	128	125	127	130	134	133	135	139	143	134	136	138	144	134	136	138	144	143	144	147	153									
1890	MBh	50.2	54.3	58.1	60.6	55.2	56.0	57.6	60.1	53.8	54.6	56.2	58.7	51.4	52.2	53.8	56.2	43.6	44.3	45.8	46.4	43.6	44.3	45.8	46.4	37.4	38.1	39.4	39.1								
	S/T	0.68	0.60	0.46	0.34	0.66	0.59	0.47	0.35	0.69	0.62	0.49	0.37	0.71	0.63	0.51	0.39	0.75	0.67	0.54	0.41	0.75	0.67	0.54	0.41	1.00	0.72	0.59	0.59								
	ΔT	19	17	12	12	16	15	11	11	17	15	12	12	16	15	11	11	18	16	13	13	18	16	13	13	19	17	14	15								
	kW	3.74	4.25	4.58	4.58	5.22	5.22	5.21	5.21	5.92	5.91	5.90	5.90	6.67	6.67	6.66	6.66	6.07	6.07	6.06	5.70	6.07	6.07	6.06	5.70	5.80	5.80	5.79	5.79								
	Amps	14.3	16.4	17.7	17.7	20.4	20.4	20.4	20.4	23.5	23.5	23.4	23.4	26.8	26.7	26.7	26.7	24.5	24.4	24.4	24.4	24.5	24.4	24.4	24.4	23.5	23.5	23.4	23.4								
	Hi PR	276	284	288	288	329	331	333	333	376	377	379	379	426	427	429	429	465	466	468	468	465	466	468	468	507	508	510	510								
Lo PR	114	114	119	124	122	123	126	126	128	129	132	132	133	134	137	137	136	138	141	141	136	138	141	141	145	146	149	149									

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 — DX6VSA241WA* / DV24FECB14A*

IDB		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																												
		65°F								75°F								85°F								95°F								105°F								115°F																																																																																																																				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																													
680		MBh	21.2	22.3	23.5	22.3	22.6	23.3	21.7	22.1	22.7	20.7	21.0	21.7	19.5	19.8	20.5	18.4	18.7	19.3	S/T	0.61	0.53	0.39	0.64	0.56	0.42	0.66	0.58	0.44	1.00	0.60	0.46	1.00	0.66	0.52	ΔT	20	19	13	18	16	13	18	16	13	18	16	13	18	16	13	19	17	14	kW	1.44	1.50	1.53	1.73	1.73	1.73	1.95	1.95	1.95	2.19	2.19	2.19	2.46	2.46	2.45	2.77	2.77	2.76	Amps	5.1	5.3	5.5	6.4	6.4	6.4	7.3	7.3	7.3	8.4	8.4	8.4	9.5	9.5	9.5	10.9	10.9	10.9	Hi PR	256	259	264	302	303	305	345	346	348	391	393	394	442	443	445	495	496	498	Lo PR	121	122	127	130	131	134	136	138	141	142	143	146	147	148	152	154	155	158																											
70		MBh	22.3	23.2	23.9	22.7	23.0	23.7	22.1	22.4	23.1	21.1	21.4	22.1	19.8	20.2	20.8	18.7	19.0	19.7	S/T	0.68	0.61	0.47	0.72	0.64	0.50	1.00	0.66	0.52	1.00	0.68	0.54	1.00	0.73	0.59	ΔT	19	15	12	17	15	12	17	15	12	17	15	12	16	15	12	17	16	13	kW	1.52	1.55	1.54	1.74	1.74	1.74	1.96	1.96	1.96	2.20	2.20	2.20	2.47	2.47	2.46	2.78	2.78	2.78	Amps	5.4	5.6	5.6	6.4	6.4	6.4	7.4	7.4	7.4	8.4	8.4	8.4	9.6	9.6	9.6	10.9	10.9	10.9	Hi PR	261	264	266	305	306	308	348	349	351	394	395	397	444	445	447	498	499	501	Lo PR	123	126	129	132	133	136	138	140	143	144	145	148	149	151	154	156	157	161																											
920		MBh	23.3	23.6	24.3	23.1	23.4	24.1	22.5	22.8	23.5	21.5	21.8	22.5	20.3	20.6	21.3	19.1	19.5	20.1	S/T	0.72	0.64	0.51	0.76	0.68	0.54	1.00	0.70	0.56	1.00	0.72	0.58	1.00	0.77	0.63	ΔT	16	14	11	16	14	11	16	14	11	16	14	11	15	14	11	16	15	12	kW	1.56	1.56	1.55	1.75	1.75	1.75	1.98	1.97	1.97	2.21	2.21	2.21	2.48	2.48	2.47	2.79	2.79	2.79	Amps	5.6	5.6	5.6	6.5	6.5	6.5	7.4	7.4	7.4	8.5	8.5	8.5	9.6	9.6	9.6	11.0	11.0	11.0	Hi PR	266	267	269	307	308	310	350	351	353	397	398	400	447	448	450	500	501	503	Lo PR	127	128	131	134	136	139	141	142	145	146	148	151	152	153	156	158	160	163																											
680		MBh	21.3	22.3	23.5	24.6	22.3	22.7	23.3	24.4	21.8	22.1	22.7	23.8	20.7	21.1	21.7	19.5	19.8	20.4	S/T	0.75	0.66	0.52	0.37	0.75	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.65	0.50	ΔT	24	23	17	14	21	20	17	14	22	20	17	13	21	19	16	13	22	20	17	14	kW	1.44	1.50	1.53	1.54	1.73	1.73	1.74	1.74	1.95	1.95	1.96	2.19	2.19	2.18	2.20	2.46	2.45	2.47	2.77	2.77	2.76	2.78	Amps	5.1	5.3	5.5	5.6	6.4	6.4	6.4	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.6	10.9	10.9	10.9	10.9	Hi PR	257	260	264	268	302	303	305	310	345	346	348	353	392	393	395	399	442	443	445	495	496	498	503	Lo PR	121	122	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	152	155	158	164			
75		MBh	22.3	23.2	23.9	24.9	22.7	23.0	23.7	24.7	22.1	22.4	23.1	24.1	21.1	21.4	22.1	19.8	20.2	20.8	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58	ΔT	23	19	15	12	20	18	15	12	20	19	16	13	20	18	15	12	21	19	16	13	kW	1.52	1.54	1.54	1.56	1.74	1.74	1.75	1.75	1.96	1.96	1.96	2.20	2.20	2.20	2.21	2.47	2.47	2.48	2.78	2.78	2.78	2.79	Amps	5.4	5.6	5.6	5.6	6.4	6.4	6.5	6.5	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6	10.9	10.9	10.9	11.0	Hi PR	261	265	267	271	305	306	308	312	348	349	351	355	394	396	397	402	445	446	447	498	499	501	506	Lo PR	123	126	129	134	132	133	136	142	138	140	143	148	144	145	148	154	149	151	154	156	157	161	166		
920		MBh	23.3	23.7	24.3	25.4	23.1	23.4	24.1	25.2	22.5	22.9	23.5	24.6	21.5	21.8	22.5	20.3	20.6	21.3	S/T	0.86	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.57	1.00	1.00	0.77	0.62	ΔT	19	18	15	11	19	18	14	11	19	18	15	12	19	17	14	11	20	18	15	12	kW	1.56	1.56	1.55	1.57	1.75	1.75	1.75	1.76	1.97	1.97	1.97	1.98	2.21	2.21	2.21	2.22	2.48	2.48	2.47	2.79	2.79	2.79	2.80	Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.6	11.0	11.0	11.0	11.0	Hi PR	266	267	269	274	307	308	310	315	351	352	353	358	397	398	400	405	447	448	450	501	502	504	508	Lo PR	127	128	131	137	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	163	168	168

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)

DX6VSS1810A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

DX6VSS1810A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

DX6VSS2410A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

DX6VSS2410A* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSS3010A* / DV36FECC14A*				
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°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

DX6VSS3010A* / DV36FECC14A*				
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°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	27,100	21,800	5,300	3,700
115°	26,300	21,900	4,400	3,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

DX6VSS3610A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H"	LATENT BTU/H	TOTAL WATTS
75°	36,000	26,300	9,700	3,070
80°	35,600	26,500	9,100	3,260
85°	35,100	26,700	8,400	3,450
90°	34,400	26,500	7,900	3,655
95°	33,600	26,200	7,400	3,860
100°	32,700	25,800	6,900	4,090
105°	31,700	25,400	6,300	4,320
110°	30,700	25,800	4,900	4,565
115°	29,700	26,100	3,600	4,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,400	25,600	6,800	3,870

DX6VSS3610A* / DV36FECC14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 14-16 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H"	LATENT BTU/H	TOTAL WATTS
75°	38,000	27,500	10,500	3,300
80°	37,500	27,700	9,800	3,500
85°	37,000	27,800	9,200	3,750
90°	36,200	27,600	8,600	4,000
95°	35,400	27,300	8,100	4,200
100°	34,400	26,900	7,500	4,500
105°	33,400	26,500	6,900	4,700
110°	31,600	26,300	5,300	4,800
115°	29,700	26,000	3,700	4,850
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,600	7,500	4,200

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSS4210A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,400	30,100	12,300	3,630
80°	41,900	30,100	11,800	3,875
85°	41,300	30,100	11,200	4,120
90°	40,400	29,900	10,500	4,385
95°	39,500	29,600	9,900	4,650
100°	38,400	29,200	9,200	4,945
105°	37,300	28,700	8,600	5,240
110°	35,200	27,700	7,500	5,255
115°	33,000	26,700	6,300	5,270
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,100	29,000	9,100	4,650

DX6VSS4210A* / DV48FECD14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	44,500	30,600	13,900	3,900
80°	44,000	30,800	13,200	4,200
85°	43,400	30,900	12,500	4,400
90°	42,500	30,600	11,900	4,700
95°	41,500	30,300	11,200	4,950
100°	40,400	29,900	10,500	5,300
105°	39,200	29,400	9,800	5,600
110°	36,100	28,100	8,000	5,500
115°	33,000	26,800	6,200	5,300
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,000	29,600	10,400	4,950

DX6VSS4810A* / DV48FECD14A*				
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°	48,300	33,300	15,000	4,380
80°	47,700	33,400	14,300	4,680
85°	47,100	33,400	13,700	4,980
90°	46,100	33,200	12,900	5,300
95°	45,000	32,900	12,100	5,620
100°	43,800	32,400	11,400	5,985
105°	42,500	31,900	10,600	6,350
110°	38,400	29,700	8,700	5,855
115°	34,300	27,400	6,900	5,360
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,400	32,100	11,300	5,630

DX6VSS4810A* / DV48FECD14A*				
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°	50,900	33,600	17,300	4,750
80°	50,300	33,800	16,500	5,100
85°	49,700	33,900	15,800	5,400
90°	48,600	33,600	15,000	5,800
95°	47,500	33,300	14,200	6,100
100°	45,000	32,600	12,400	6,200
105°	42,500	31,900	10,600	6,350
110°	38,400	29,700	8,700	5,900
115°	34,300	27,400	6,900	5,400
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	45,800	32,500	13,300	6,100

DX6VSS6010A* / DV60FECD14A*				
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°	56,800	38,100	18,700	5,170
80°	56,100	38,200	17,900	5,520
85°	55,400	38,200	17,200	5,870
90°	54,200	37,900	16,300	6,245
95°	53,000	37,600	15,400	6,620
100°	49,100	35,700	13,400	6,325
105°	45,100	33,800	11,300	6,030
110°	41,900	32,400	9,500	5,900
115°	38,700	31,000	7,700	5,770
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,100	36,800	14,300	6,630

DX6VSS6010A* / DV60FECD14A*				
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°	59,500	39,200	20,300	5,800
80°	58,800	39,400	19,400	6,200
85°	58,000	39,600	18,400	6,600
90°	56,800	39,300	17,500	7,000
95°	55,500	38,900	16,600	7,450
100°	50,300	36,400	13,900	6,800
105°	45,100	33,900	11,200	6,050
110°	41,900	32,500	9,400	5,900
115°	38,700	31,000	7,700	5,800
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	53,500	38,000	15,500	7,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSA181WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,800	13,200	4,600	1,210
80°	17,600	13,300	4,300	1,285
85°	17,400	13,400	4,000	1,360
90°	17,000	13,300	3,700	1,440
95°	16,600	13,100	3,500	1,520
100°	16,200	12,900	3,300	1,610
105°	15,700	12,700	3,000	1,700
110°	15,300	12,800	2,500	1,810
115°	14,800	12,900	1,900	1,920
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,000	12,800	3,200	1,520

DX6VSA181WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,800	13,600	5,200	1,350
80°	18,600	13,700	4,900	1,500
85°	18,300	13,700	4,600	1,550
90°	17,900	13,600	4,300	1,600
95°	17,500	13,500	4,000	1,700
100°	17,000	13,300	3,700	1,800
105°	16,500	13,100	3,400	1,900
110°	16,100	13,200	2,900	2,000
115°	15,600	13,200	2,400	2,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,900	13,200	3,700	1,700

DX6VSA241WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	23,800	17,400	6,400	1,740
80°	23,500	17,500	6,000	1,850
85°	23,200	17,600	5,600	1,960
90°	22,700	17,500	5,200	2,080
95°	22,200	17,300	4,900	2,200
100°	21,600	17,100	4,500	2,330
105°	21,000	16,800	4,200	2,460
110°	20,400	16,900	3,500	2,620
115°	19,800	17,000	2,800	2,780
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,400	16,900	4,500	2,200

DX6VSA241WA* / DV24FECB14A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,100	18,000	7,100	1,950
80°	24,800	18,100	6,700	2,100
85°	24,500	18,100	6,400	2,150
90°	24,000	18,000	6,000	2,300
95°	23,400	17,800	5,600	2,450
100°	22,800	17,600	5,200	2,600
105°	22,100	17,300	4,800	2,700
110°	21,500	17,400	4,100	2,900
115°	20,900	17,400	3,500	3,050
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,600	17,400	5,200	2,450

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX6VSA301WA* / DV36FECC14A*				
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°	29,800	21,800	8,000	2,230
80°	29,500	21,800	7,700	2,370
85°	29,100	21,800	7,300	2,510
90°	28,500	21,600	6,900	2,660
95°	27,800	21,400	6,400	2,810
100°	27,000	21,100	5,900	2,975
105°	26,200	20,700	5,500	3,140
110°	25,500	20,800	4,700	3,340
115°	24,800	20,800	4,000	3,540
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	26,800	20,900	5,900	2,810

DX6VSA301WA* / DV36FECC14A*				
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°	31,500	22,600	8,900	2,450
80°	31,100	22,700	8,400	2,600
85°	30,700	22,800	7,900	2,750
90°	30,100	22,600	7,500	2,900
95°	29,400	22,400	7,000	3,100
100°	28,600	22,100	6,500	3,300
105°	27,800	21,700	6,100	3,450
110°	27,100	21,800	5,300	3,700
115°	26,300	21,900	4,400	3,900
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,400	21,800	6,600	3,100

DX6VSA361WA* / CAPEA3026*4A* + MBVC1600**-1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	34,700	24,600	10,100	2,610
80°	34,300	24,700	9,600	2,780
85°	33,900	24,700	9,200	2,950
90°	33,200	24,500	8,700	3,130
95°	32,400	24,300	8,100	3,310
100°	31,500	24,000	7,500	3,510
105°	30,600	23,600	7,000	3,710
110°	29,800	23,700	6,100	3,945
115°	28,900	23,700	5,200	4,180
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,200	23,700	7,500	3,310

DX6VSA361WA* / CAPEA3026*4A* + MBVC1600**-1A*				
DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 12-14 °F				
- BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,000	26,800	11,200	3,050
80°	37,500	27,000	10,500	3,300
85°	37,000	27,100	9,900	3,450
90°	36,200	26,900	9,300	3,700
95°	35,400	26,600	8,800	3,900
100°	34,400	26,200	8,200	4,100
105°	33,400	25,800	7,600	4,350
110°	31,200	24,800	6,400	4,300
115°	28,900	23,800	5,100	4,200
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,100	26,000	8,100	3,900

SOUND DATA

NORMAL MODE		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	66	52.1	60.1	61.5	59.7	55.2	48.6	47.7
2-ton	67	57.5	59.2	62.4	60.9	56.6	51.1	45.9
2.5-ton	68	56.0	60.2	63.0	62.8	58.0	54.4	46.3
3-ton	68	57.2	59.2	63.2	62.6	58.9	53.6	45.3
3.5-ton	72	58.4	62.7	65.2	68.0	63.7	60.7	48.2
4-ton	72	58.8	62.7	65.0	68.0	64.4	59.9	48.5
5-ton	74	60.0	66.2	67.0	69.8	66.1	60.0	53.5

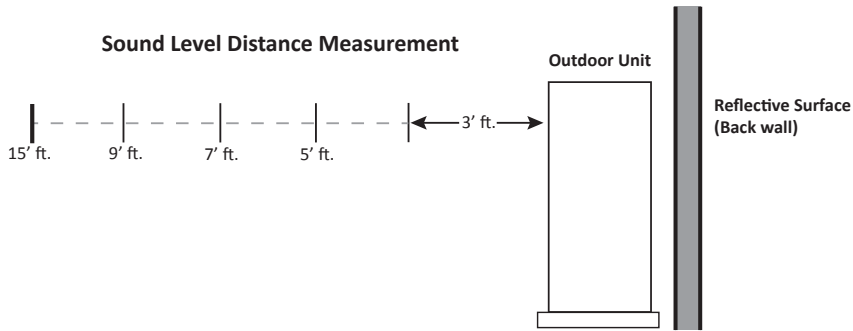
¹Compliant with ISO3744.

QUIET MODE

TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA) ¹	SOUND PRESSURE LEVEL (dBA) ²
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹Compliant with ISO3744.

²Compliant with JIS B 8616 : 2006.

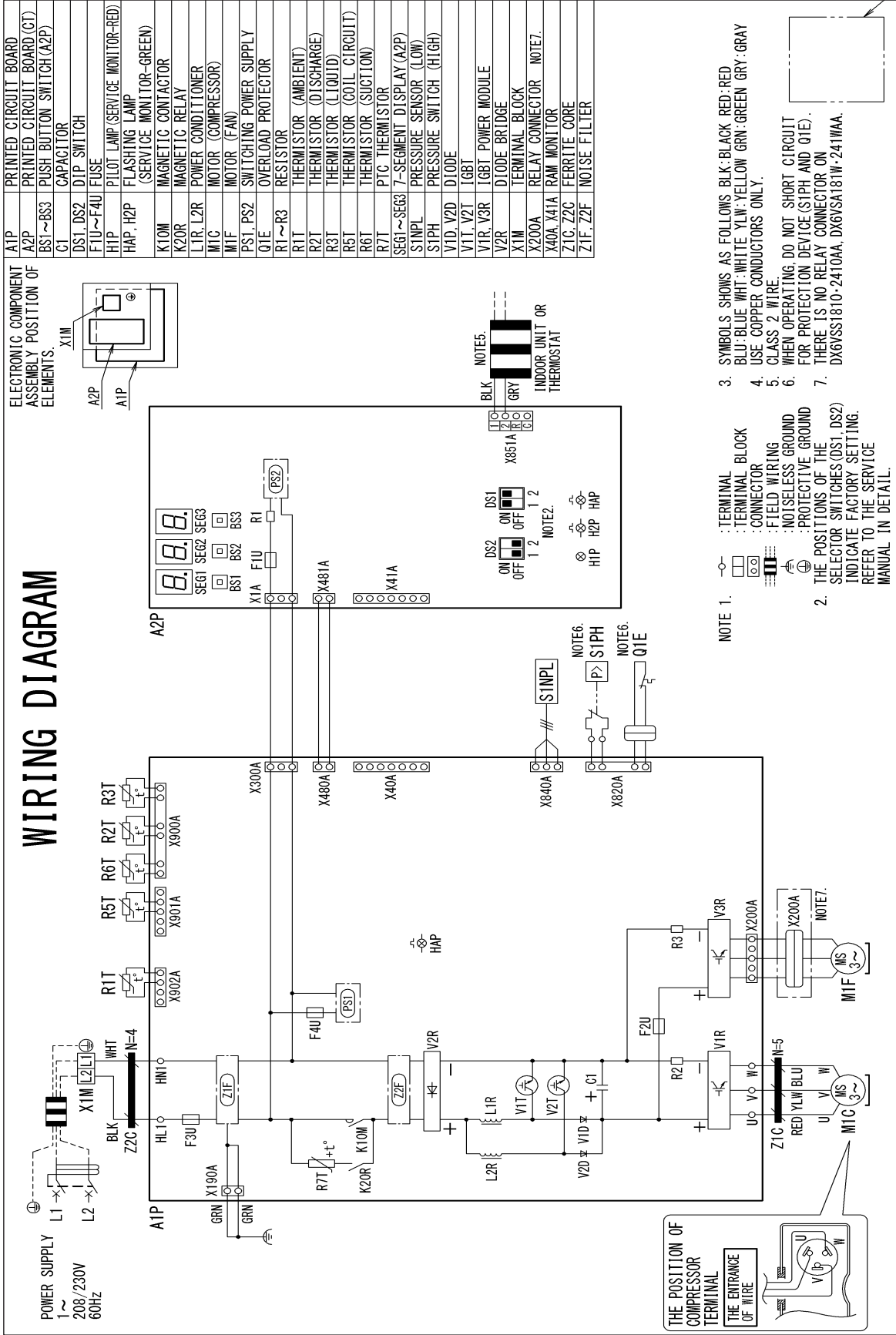


		SOUND PRESSURE (dBA) COOLING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5-ton	0	59	54	51	49	45
	1	62	57	54	52	48
	2	65	60	57	55	51
2-ton	0	60	55	52	50	46
	1	63	58	55	53	49
	2	66	61	58	56	52
2.5-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3-ton	0	61	56	53	51	47
	1	64	59	56	54	50
	2	67	62	59	57	53
3.5-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
4-ton	0	65	60	57	55	51
	1	68	63	60	58	54
	2	71	66	63	61	57
5-ton	0	67	62	59	57	53
	1	70	65	62	60	56
	2	73	68	65	63	59

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

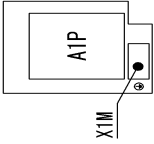


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

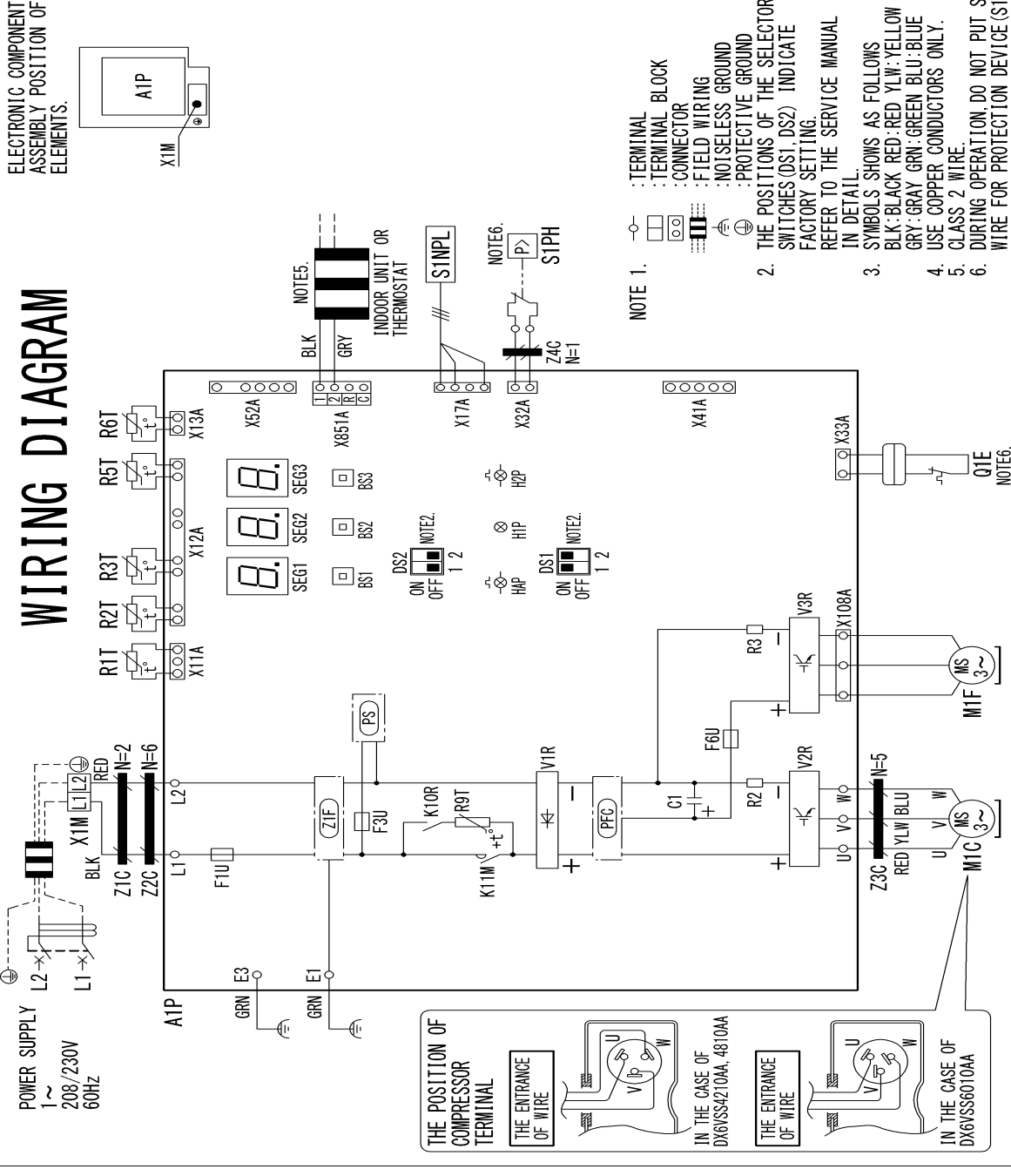
WARNING
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WIRING DIAGRAM

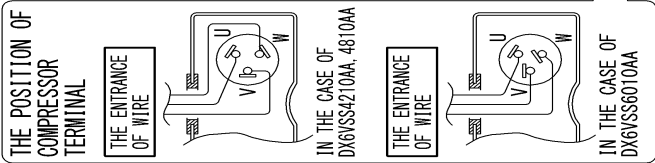
ELECTRONIC COMPONENT ASSEMBLY POSITION OF ELEMENTS.



A1P	PRINTED CIRCUIT BOARD
BS1~BS3	PUSH BUTTON SWITCH
C1	CAPACITOR
DS1, DS2	DIP SWITCH
F1U	FUSE
F3U	FUSE
F6U	FUSE
H1P	PILOT LAMP (SERVICE MONITOR-RED)
HAP, H2P	FLASHING LAMP (SERVICE MONITOR-GREEN)
K11M	MAGNETIC CONTACTOR
K10R	MAGNETIC RELAY
M1C	MOTOR (COMPRESSOR)
M1F	MOTOR (FAN)
PFC	POWER FACTOR CORRECTION
PS	SWITCHING POWER SUPPLY
Q1E	OVERLOAD PROTECTOR
R2, R3	RESISTOR
R1T	THERMISTOR (AMBIENT)
R2T	THERMISTOR (DISCHARGE)
R3T	THERMISTOR (LIQUID)
R5T	THERMISTOR (COIL CIRCUIT)
R6T	THERMISTOR (SUCTION)
R9T	PTC THERMISTOR
SEG1~SEG3	7-SEGMENT DISPLAY
S1NPL	PRESSURE SENSOR (LOW)
S1PH	PRESSURE SWITCH (HIGH)
V1R	DIODE BRIDGE
V2R, V3R	IGBT POWER MODULE
X1M	TERMINAL BLOCK
X41A	RAM MONITOR
X52A	CONNECTOR (SHARE DATA)
Z1C~Z4C	FERRITE CORE
Z1F	NOISE FILTER



- NOTE 1.
- : TERMINAL
 - : TERMINAL BLOCK
 - : CONNECTOR
 - : FIELD WIRING
 - ⊕ : NOT SELESS GROUND
 - ⊕ : PROTECTIVE GROUND
- NOTE 2.
- THE POSITIONS OF THE SELECTOR SWITCHES (DS1, DS2) INDICATE FACTORY SETTING.
- NOTE 3.
- SYMBOLS SHOWS AS FOLLOWS
 BLK: BLACK RED: RED YLW: YELLOW
 GRY: GRAY GRN: GREEN BLU: BLUE
 USE COPPER CONDUCTORS ONLY.
- NOTE 4.
- CLASS 2 WIRE.
- NOTE 5.
- CLASS 2 WIRE.
- NOTE 6.
- DURING OPERATION, DO NOT PUT SHORT CIRCUIT WIRE FOR PROTECTION DEVICE (S1PH AND Q1E).



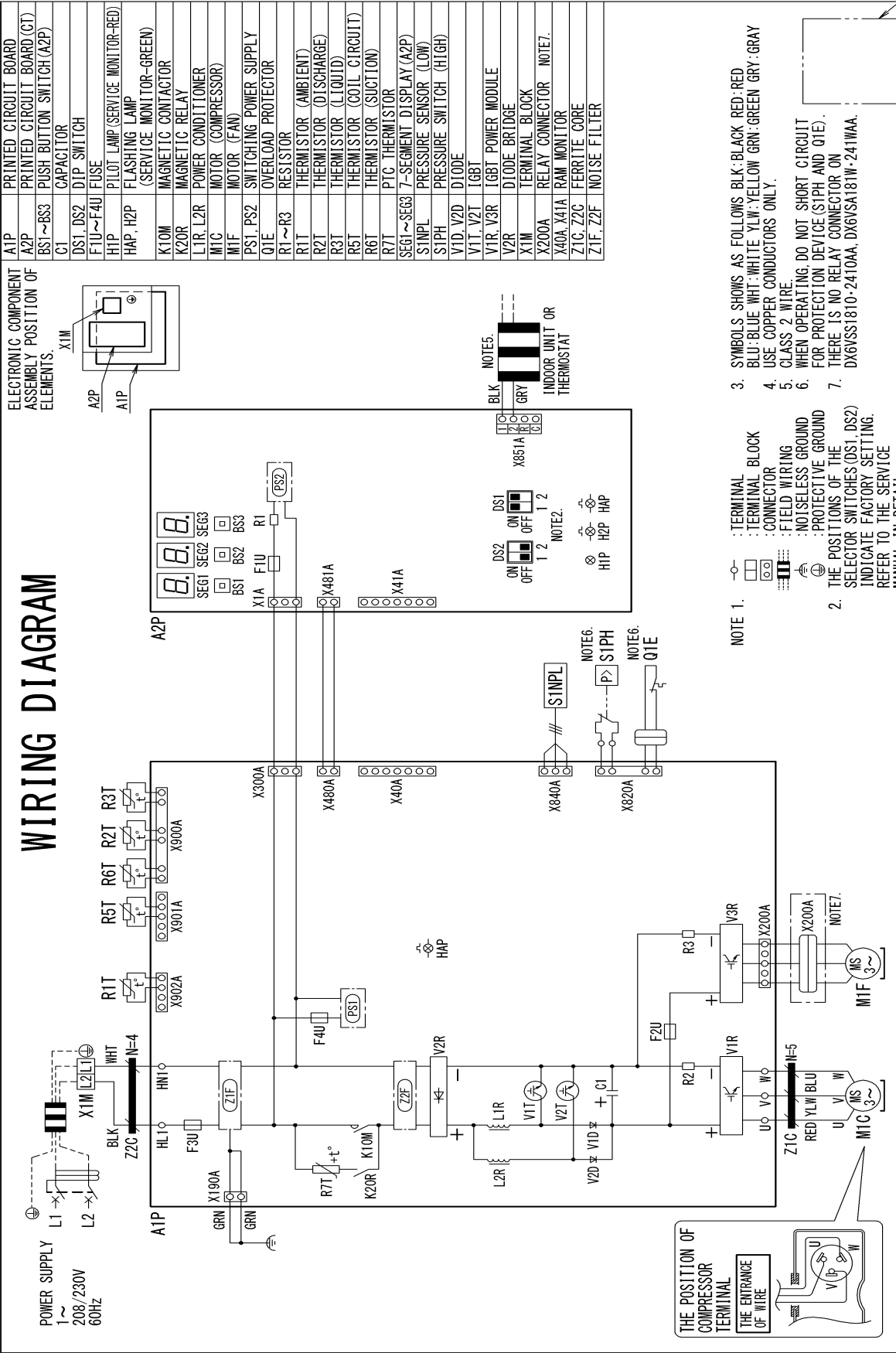
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



WARNING

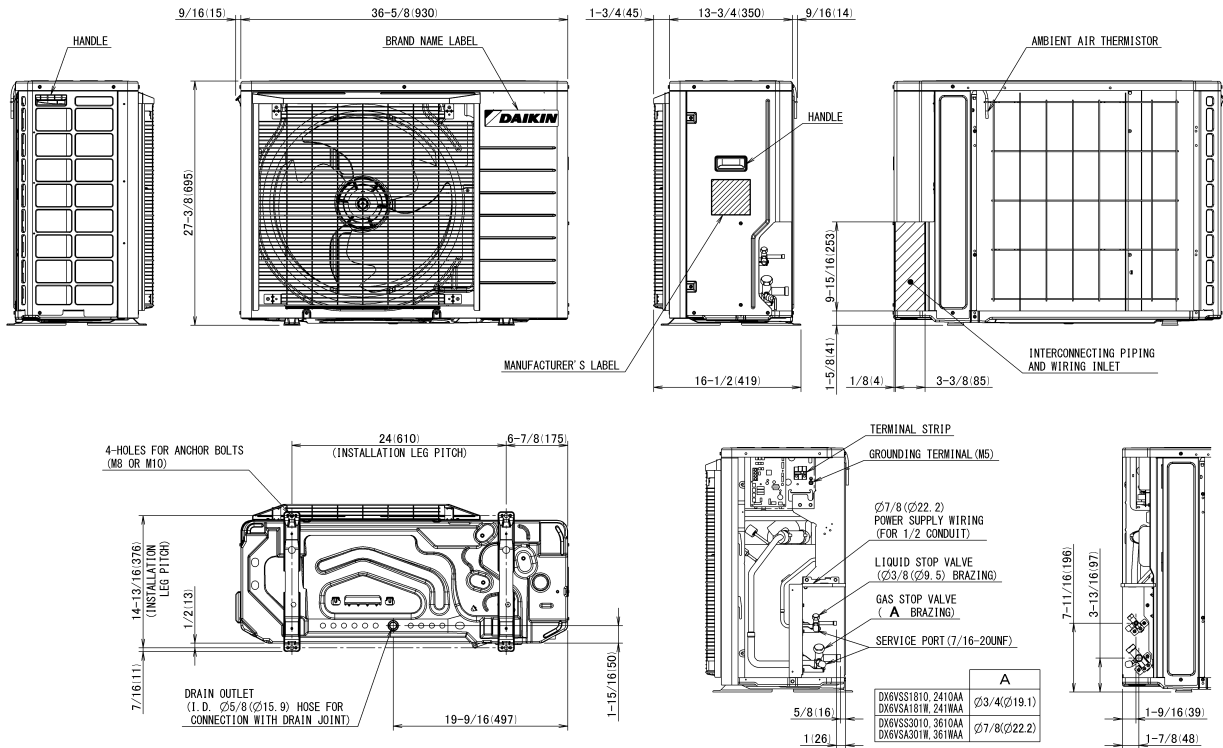
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WIRING DIAGRAM



DIMENSIONS

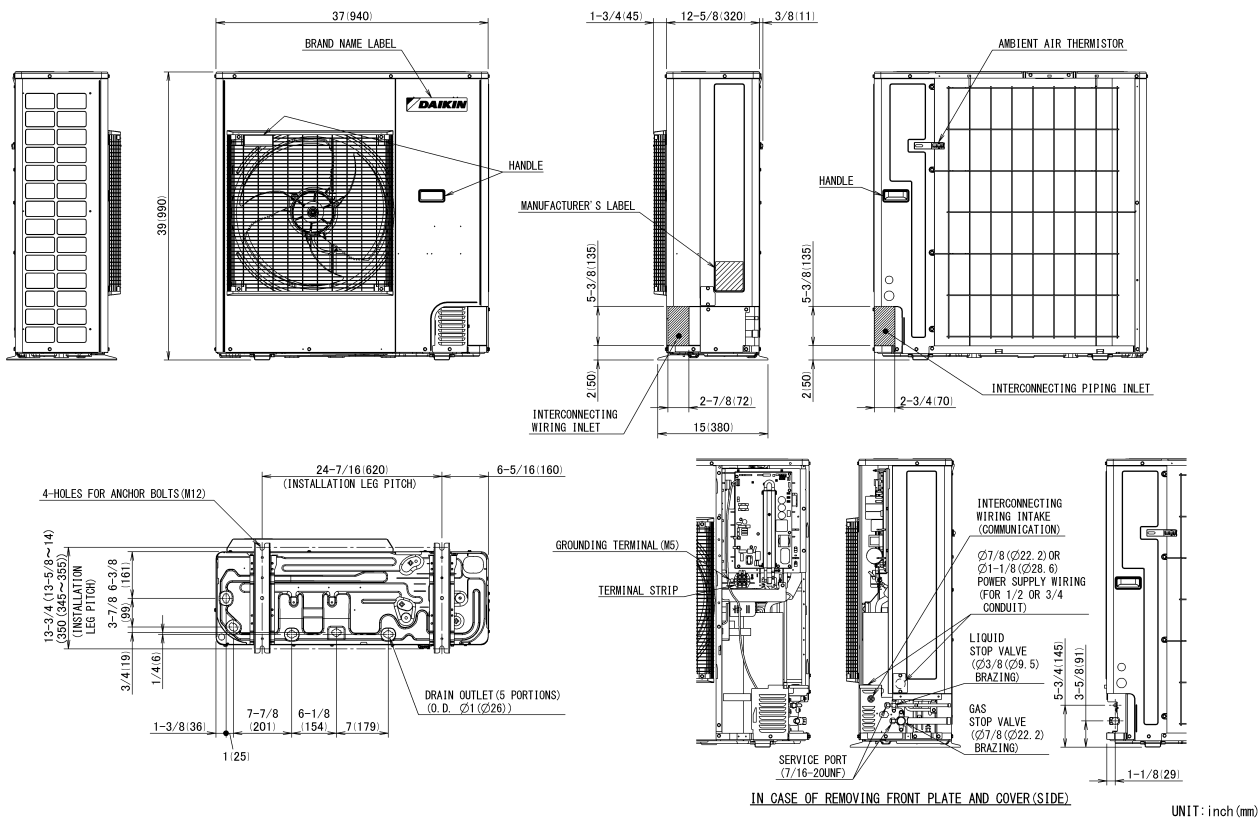
MODEL	DIMENSIONS		
	W"	D"	H"
DX6VSS1810A* / DX6VSA181WA*	36 $\frac{3}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS2410A* / DX6VSA241WA*	36 $\frac{3}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS3010A* / DX6VSA301WA*	36 $\frac{3}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "
DX6VSS3610A* / DX6VSA361WA*	36 $\frac{3}{8}$ "	13 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "



IN CASE OF REMOVING RIGHT SIDE PLATE

UNIT: inch (mm)

MODEL	DIMENSIONS		
	W"	D"	H"
DX6VSS4210A*	37	12 $\frac{5}{8}$	39
DX6VSS4810A*	37	12 $\frac{5}{8}$	39
DX6VSS6010A*	37	12 $\frac{5}{8}$	39



ACCESSORIES

MODEL	DESCRIPTION	DX6VSS 1810A*	DX6VSS 2410A*	DX6VSS 3010A*	DX6VSS 3610A*	DX6VSS 4210A*	DX6VSS 4810A*	DX6VSS 6010A*	DX6VSA 181WA*	DX6VSA 241WA*	DX6VSA 301WA*	DX6VSA 361WA*
KPW5G112	Air Adjustment Grill/Wind Baffle	X	X	X	X	X	X	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X					X	X	X	X
130-DK-008	Hail Guard					X	X	X				
DACA-WB-3	Powder Coated Wall- Mounted Bracket	X	X	X	X	X	X	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X	X	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X	X	X	X	X	X	X