

# DAIKIN

# DZ17VSA

## └FIT┐

DAIKIN FIT

**UP TO 18 SEER & 10.0 HSPF**

**1½ TO 5 TONS**

**COOLING CAPACITY: 17,100 - 54,000 BTU/H**

**HEATING CAPACITY: 17,100 - 54,000 BTU/H**

**HIGH-EFFICIENCY, COMMUNICATING,**

**VARIABLE-SPEED,**

**INVERTER DRIVE SIDE DISCHARGE**

**SPLIT SYSTEM HEAT PUMP**



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### ■ Standard Features

- Daikin variable-speed swing compressors
- High-density compressor sound blanket
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- Intelligent Defrost Mode
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin Inside Intelligence for diagnostics
- Field-selectable boost mode increases compressor speed during unusually high loads
- Quiet DC outdoor fan motor
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- Advanced water-shedding drain pan
- Hot start technology
- AHRI Certified; ETL Listed

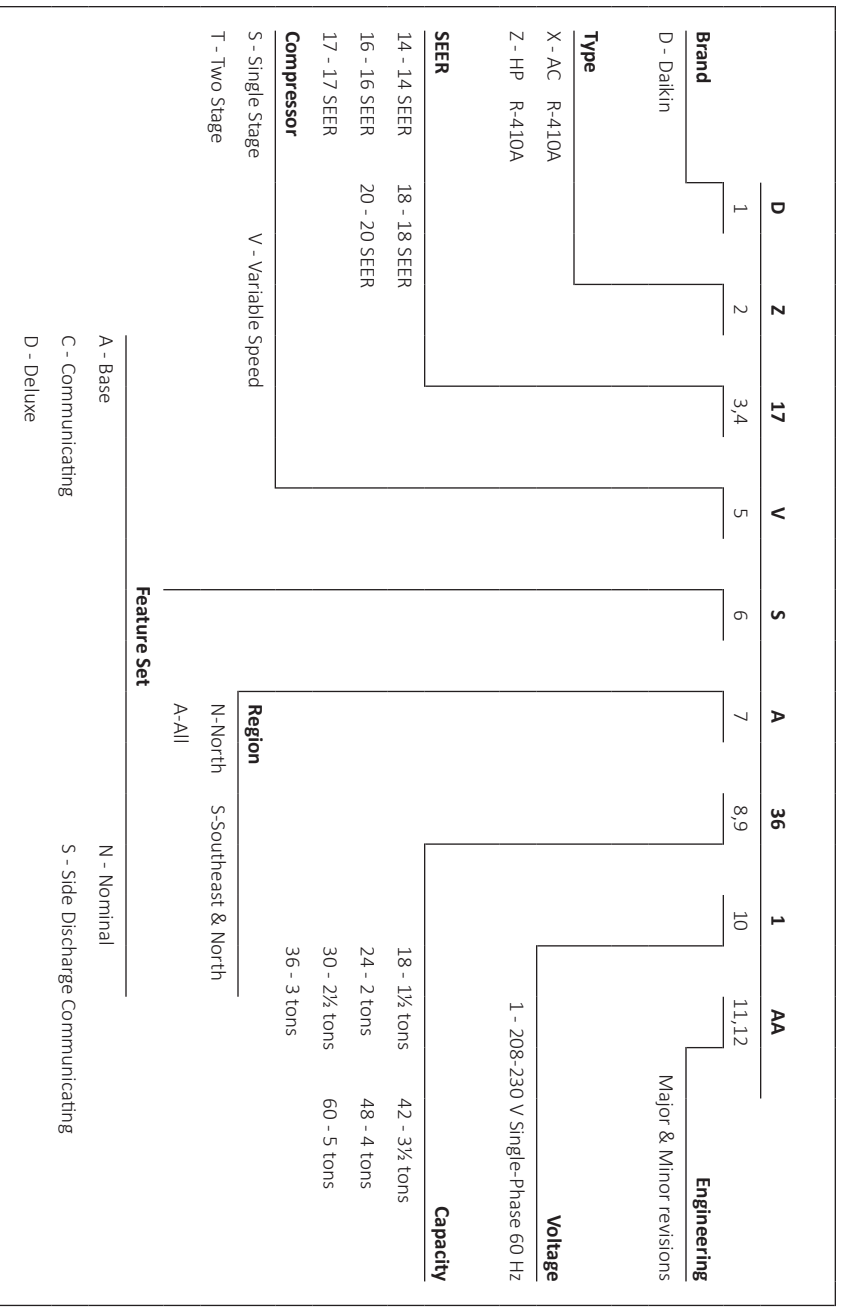
### ■ Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2017 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](http://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 Quebec.

**NOMENCLATURE**



	DZ17VSA 181B*	DZ17VSA 241B*	DZ17VSA 301B*	DZ17VSA 361B*	DZ17VSA 421B*	DZ17VSA 481B*	DZ17VSA 601B*
<b>CAPACITIES (AHRI RATED)</b>							
Max. Cooling (BTU/h)	17,100	22,800	28,400	34,200	40,000	45,500	54,000
Max. Heating (BTU/h)	17,100	22,800	28,400	34,200	40,000	45,500	54,000
<b>AMBIENT OPERATION RANGE</b>							
Cooling (°FDB)(°CDB)	0 to 115 (-17.8 to 46.1) <sup>2</sup>						
Heating (°FDB)(°CDB)	-10 to 70 (-23.3 to 21.1)						
<b>COMPRESSOR</b>							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.5	15.2	20.0	20.0	27.0	27.0	29.0
<b>CONDENSER FAN MOTOR</b>							
Horsepower	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>
FLA	2.18	2.18	2.70	2.70	2.50	2.50	2.50
<b>REFRIGERATION SYSTEM</b>							
Refrigerant Line Size <sup>1</sup>							
Liquid Line Size ("O.D.)	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "
Suction Line Size ("O.D.)	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> "
Refrigerant Connection Size	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "
Liquid Valve Size ("O.D.)	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "
Suction Valve Size ("O.D.)	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>7</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>7</sup> / <sub>8</sub> "
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.)	81	81	88	88	118	118	127
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	14±1°F	10±1°F	Auto-control	9±1°F
<b>ELECTRICAL DATA</b>							
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 <sup>2</sup>	12.7	17.4	22.7	22.7	34.5	34.5	36.5
Max. Overcurrent Protection <sup>3</sup>	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	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> "	<sup>1</sup> / <sub>2</sub> " Or <sup>3</sup> / <sub>4</sub> "	<sup>1</sup> / <sub>2</sub> " Or <sup>3</sup> / <sub>4</sub> "	<sup>1</sup> / <sub>2</sub> " Or <sup>3</sup> / <sub>4</sub> "
<b>EQUIPMENT WEIGHT (LBS)</b>	118	118	127	133	173	173	186
<b>SHIP WEIGHT (LBS)</b>	135	135	143	150	185	185	198

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

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

<sup>3</sup> 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 <sup>3</sup>/<sub>4</sub>" to 1<sup>1</sup>/<sub>2</sub>" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of <sup>3</sup>/<sub>4</sub>" 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		
1.5	<sup>1</sup> / <sub>4</sub> "	<sup>5</sup> / <sub>16</sub> "	<sup>3</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>8</sub> "
2.0	X	X	X <sup>4</sup>	X
2.5		X <sup>5</sup>	X	X <sup>4</sup>
3.0		X <sup>5</sup>	X	X
3.5		X <sup>5</sup>	X	X <sup>4</sup>
4.0		X	X	X
5.0		X	X	X

X Allowable combination

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

<sup>5</sup> For marked combinations, line set length will have a minimum of 25 ft and a maximum of 70 ft.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	520	MBh	17.5	17.8	18.1	-	17.2	17.5	18.0	-	16.8	17.0	17.5	-	16.0	16.2	16.7	-	15.0	15.3	15.8	-	14.1	14.4	14.9	-
		S/T	0.60	0.53	0.39	-	0.62	0.54	0.40	-	0.64	0.57	0.42	-	0.66	0.59	0.44	-	1.00	0.61	0.47	-	1.00	0.66	0.52	-
		ΔT	21	19	14	-	19	18	14	-	20	18	15	-	19	18	14	-	19	17	14	-	20	19	15	-
		kW	0.89	0.89	0.95	-	1.09	1.08	1.08	-	1.23	1.23	1.23	-	1.39	1.39	1.38	-	1.56	1.56	1.56	-	1.76	1.76	1.76	-
		Amps	3.4	3.4	3.7	-	4.3	4.3	4.3	-	4.9	4.9	4.9	-	5.6	5.6	5.6	-	6.4	6.4	6.3	-	7.2	7.2	7.2	-
		Hi PR	243	244	245	-	280	281	283	-	320	321	323	-	363	364	366	-	410	411	412	-	463	464	465	-
	Lo PR	124	126	128	-	131	132	136	-	137	139	142	-	143	145	148	-	149	150	153	-	158	159	163	-	
	610	MBh	17.8	17.9	18.4	-	17.5	17.7	18.2	-	17.0	17.3	17.8	-	16.2	16.5	17.0	-	15.3	15.5	16.0	-	14.4	14.7	15.2	-
		S/T	0.68	0.61	0.47	-	0.70	0.62	0.48	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
		ΔT	19	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	0.90	0.96	0.96	-	1.09	1.09	1.09	-	1.24	1.24	1.23	-	1.39	1.39	1.39	-	1.57	1.57	1.57	-	1.77	1.77	1.77	-
		Amps	3.5	3.8	3.8	-	4.3	4.3	4.3	-	5.0	5.0	4.9	-	5.6	5.6	5.6	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-
		Hi PR	246	245	247	-	282	284	285	-	323	324	325	-	366	367	368	-	412	413	415	-	465	466	468	-
	Lo PR	127	127	130	-	133	135	138	-	140	141	144	-	145	147	150	-	151	152	155	-	160	161	165	-	
	700	MBh	18.0	18.2	18.7	-	17.8	18.1	18.6	-	17.4	17.6	18.1	-	16.6	16.8	17.3	-	15.6	15.9	16.4	-	14.8	15.0	15.5	-
		S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.59	-	1.00	1.00	0.64	-
		ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
		kW	0.97	0.97	0.97	-	1.10	1.10	1.10	-	1.24	1.24	1.24	-	1.40	1.40	1.40	-	1.58	1.57	1.57	-	1.78	1.78	1.78	-
Amps		3.8	3.8	3.8	-	4.4	4.4	4.3	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	
Hi PR		247	248	249	-	285	286	288	-	325	326	328	-	368	369	371	-	415	416	417	-	468	469	470	-	
Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	162	164	167	-		

75	520	MBh	17.5	17.8	18.1	18.9	17.2	17.5	18.0	18.8	16.8	17.0	17.5	18.3	16.0	16.2	16.7	17.5	15.0	15.3	15.8	16.6	14.2	14.4	14.9	15.7
		S/T	0.74	0.66	0.53	0.38	0.75	0.67	0.53	0.38	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	1.00	0.65	0.51
		ΔT	25	23	18	15	23	22	18	15	24	22	19	15	23	22	18	15	23	21	18	15	24	22	19	16
		kW	0.89	0.89	0.95	0.96	1.08	1.08	1.08	1.09	1.23	1.23	1.23	1.24	1.39	1.38	1.38	1.39	1.56	1.56	1.56	1.57	1.76	1.76	1.76	1.77
		Amps	3.4	3.4	3.7	3.8	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.6	5.6	5.6	5.6	6.4	6.4	6.3	6.4	7.2	7.2	7.2	7.3
		Hi PR	243	244	245	249	280	281	283	287	320	321	323	327	363	364	366	370	410	411	413	417	463	464	466	470
	Lo PR	124	126	128	133	131	132	136	141	138	139	142	147	143	145	148	153	149	150	153	159	158	159	163	168	
	610	MBh	17.9	17.9	18.4	19.2	17.5	17.7	18.3	19.0	17.0	17.3	17.8	18.6	16.2	16.5	17.0	17.8	15.3	15.5	16.1	16.9	14.4	14.7	15.2	16.0
		S/T	0.82	0.74	0.60	0.46	0.83	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.58
		ΔT	24	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	14
		kW	0.90	0.96	0.96	0.97	1.09	1.09	1.09	1.10	1.24	1.24	1.23	1.24	1.39	1.39	1.39	1.40	1.57	1.57	1.56	1.57	1.77	1.77	1.77	1.78
		Amps	3.5	3.8	3.8	3.8	4.3	4.3	4.3	4.4	5.0	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3
		Hi PR	246	246	247	251	283	284	285	290	323	324	325	330	366	367	369	373	412	413	415	419	465	466	468	472
	Lo PR	127	127	130	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	160	162	165	170	
	700	MBh	18.0	18.2	18.7	19.5	17.8	18.1	18.6	19.4	17.4	17.6	18.1	18.9	16.6	16.8	17.4	18.1	15.6	15.9	16.4	17.2	14.8	15.0	15.5	16.3
		S/T	0.86	0.78	0.64	0.50	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62
		ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	16	12	22	20	17	13
		kW	0.97	0.97	0.97	0.98	1.10	1.10	1.10	1.11	1.24	1.24	1.24	1.25	1.40	1.40	1.40	1.41	1.57	1.57	1.57	1.58	1.78	1.78	1.78	1.79
Amps		3.8	3.8	3.8	3.8	4.4	4.4	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.6	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	
Hi PR		247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	422	468	469	471	475	
Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	162	164	167	173		

IDB\*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

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



			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	680	MBh	22.6	24.1	24.2	-	22.9	23.3	24.0	-	22.3	22.7	23.3	-	21.3	21.6	22.3	-	20.0	20.3	21.0	-	18.4	18.7	19.4	-
		S/T	0.60	0.52	0.37	-	0.59	0.52	0.38	-	0.62	0.54	0.41	-	0.64	0.56	0.43	-	1.00	0.58	0.45	-	1.00	0.65	0.51	-
		ΔT	20	19	15	-	20	18	15	-	20	18	15	-	20	18	15	-	19	18	14	-	21	19	16	-
		kW	1.25	1.35	1.38	-	1.57	1.57	1.57	-	1.78	1.78	1.78	-	2.01	2.01	2.01	-	2.26	2.26	2.26	-	2.31	2.30	2.30	-
		Amps	4.8	5.1	5.3	-	6.1	6.1	6.1	-	7.0	7.0	7.0	-	8.0	8.0	8.0	-	9.1	9.1	9.1	-	9.3	9.3	9.3	-
		Hi PR	256	260	263	-	302	303	305	-	345	346	348	-	391	392	394	-	441	442	444	-	486	487	489	-
	Lo PR	122	123	124	-	127	128	131	-	133	135	138	-	139	140	143	-	144	145	148	-	154	155	158	-	
	800	MBh	24.1	23.8	24.5	-	23.3	23.6	24.3	-	22.7	23.0	23.7	-	21.7	22.0	22.7	-	20.4	20.7	21.4	-	18.8	19.1	19.8	-
		S/T	0.67	0.59	0.45	-	0.67	0.59	0.46	-	0.70	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.72	0.59	-
		ΔT	19	17	13	-	18	17	13	-	19	17	13	-	18	16	13	-	18	16	13	-	20	18	15	-
		kW	1.36	1.40	1.39	-	1.59	1.59	1.58	-	1.80	1.79	1.79	-	2.02	2.02	2.02	-	2.28	2.27	2.27	-	2.32	2.31	2.31	-
		Amps	5.2	5.3	5.3	-	6.1	6.1	6.1	-	7.1	7.0	7.0	-	8.0	8.0	8.0	-	9.1	9.1	9.1	-	9.4	9.4	9.4	-
		Hi PR	262	264	266	-	304	306	307	-	348	349	351	-	394	395	397	-	444	445	447	-	488	489	491	-
	Lo PR	123	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	156	157	161	-	
	920	MBh	24.0	24.3	25.0	-	23.7	24.1	24.8	-	23.1	23.5	24.2	-	22.1	22.4	23.1	-	20.8	21.1	21.8	-	19.2	19.5	20.2	-
		S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.76	0.63	-
		ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	19	17	13	-
		kW	1.41	1.41	1.40	-	1.60	1.59	1.59	-	1.81	1.80	1.80	-	2.03	2.03	2.03	-	2.29	2.28	2.28	-	2.32	2.32	2.32	-
		Amps	5.4	5.4	5.3	-	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-	9.4	9.4	9.4	-
		Hi PR	266	267	269	-	307	308	310	-	350	351	353	-	397	398	400	-	447	448	450	-	491	492	494	-
	Lo PR	124	125	129	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	158	160	163	-	

75	680	MBh	22.6	24.1	24.2	25.2	22.9	23.3	24.0	25.0	22.3	22.7	23.4	24.4	21.3	21.6	22.3	23.4	20.0	20.4	21.0	22.1	18.4	18.8	19.4	20.5
		S/T	0.73	0.65	0.50	0.36	0.72	0.64	0.51	0.37	1.00	0.67	0.53	0.39	1.00	0.69	0.55	0.41	1.00	0.71	0.58	0.43	1.00	1.00	0.64	0.50
		ΔT	25	23	19	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	15	25	23	20	16
		kW	1.25	1.35	1.38	1.40	1.57	1.57	1.57	1.58	1.78	1.78	1.78	1.79	2.01	2.01	2.00	2.02	2.26	2.26	2.26	2.27	2.30	2.30	2.30	2.31
		Amps	4.8	5.1	5.2	5.3	6.1	6.1	6.1	6.1	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	9.1	9.1	9.1	9.1	9.3	9.3	9.3	9.4
		Hi PR	256	260	264	268	302	303	305	309	345	346	348	353	391	393	394	399	442	443	445	449	486	487	489	493
	Lo PR	122	123	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	148	154	154	155	158	164	
	800	MBh	24.1	23.8	24.5	25.6	23.3	23.6	24.3	25.4	22.7	23.0	23.7	24.8	21.7	<b>22.0</b>	22.7	23.7	20.4	20.7	21.4	22.5	18.8	19.1	19.8	20.8
		S/T	0.80	0.72	0.58	0.44	0.80	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	<b>0.77</b>	0.63	0.49	1.00	0.79	0.65	0.51	1.00	1.00	0.72	0.57
		ΔT	23	21	17	14	22	20	17	14	23	21	17	14	22	<b>20</b>	17	14	22	20	17	13	24	22	19	15
		kW	1.36	1.40	1.39	1.41	1.59	1.58	1.58	1.59	1.79	1.79	1.79	1.80	2.02	<b>2.02</b>	2.02	2.03	2.27	2.27	2.27	2.28	2.31	2.31	2.31	2.32
		Amps	5.2	5.3	5.3	5.4	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.0	<b>8.0</b>	8.0	8.1	9.1	9.1	9.1	9.2	9.4	9.4	9.4	9.4
		Hi PR	262	265	266	271	305	306	308	312	348	349	351	355	394	<b>395</b>	397	402	444	445	447	452	489	490	491	496
	Lo PR	123	123	126	131	129	130	133	139	135	137	140	145	141	<b>142</b>	145	150	146	148	151	156	156	157	161	166	
	920	MBh	24.0	24.3	25.0	26.0	23.8	24.1	24.8	25.8	23.2	23.5	24.2	25.2	22.1	22.4	23.1	24.2	20.8	21.2	21.9	22.9	19.2	19.6	20.2	21.3
		S/T	0.83	0.75	0.62	0.48	0.84	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.69	0.55	1.00	1.00	0.76	0.61
		ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	23	21	18	14
		kW	1.41	1.41	1.40	1.42	1.59	1.59	1.59	1.60	1.80	1.80	1.80	1.81	2.03	2.03	2.03	2.04	2.28	2.28	2.28	2.29	2.32	2.32	2.32	2.33
		Amps	5.4	5.4	5.3	5.4	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.1	9.2	9.2	9.2	9.2	9.4	9.4	9.4	9.4
		Hi PR	266	267	269	274	307	308	310	315	350	351	353	358	397	398	400	404	447	448	450	454	491	492	494	498
	Lo PR	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	158	160	163	168	

IDB\*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

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



			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	860	MBh	26.8	28.5	30.1	-	28.6	29.0	29.8	-	27.8	28.2	29.1	-	26.5	26.9	27.8	-	24.9	25.3	26.2	-	23.5	23.9	24.8	-
		S/T	0.62	0.53	0.39	-	0.62	0.54	0.40	-	0.64	0.57	0.43	-	0.66	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.66	0.52	-
		ΔT	20	19	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
		kW	1.56	1.68	1.82	-	2.08	2.07	2.07	-	2.35	2.35	2.34	-	2.65	2.64	2.64	-	2.98	2.97	2.97	-	3.36	3.36	3.36	-
		Amps	6.0	6.4	7.0	-	8.1	8.1	8.1	-	9.3	9.3	9.2	-	10.6	10.5	10.5	-	12.0	12.0	12.0	-	13.7	13.7	13.7	-
		Hi PR	264	268	271	-	311	312	314	-	355	356	358	-	403	404	406	-	455	456	458	-	510	511	513	-
		Lo PR	126	127	126	-	128	130	133	-	135	136	139	-	140	142	145	-	146	147	150	-	152	154	157	-
	1010	MBh	28.6	29.7	30.6	-	29.0	29.4	30.3	-	28.3	28.7	29.5	-	27.0	27.4	28.2	-	25.4	25.8	26.7	-	23.9	24.3	25.2	-
		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	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
		ΔT	19	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	1.69	1.84	1.84	-	2.09	2.09	2.09	-	2.37	2.36	2.36	-	2.66	2.66	2.65	-	2.99	2.99	2.99	-	3.38	3.38	3.37	-
		Amps	6.5	7.1	7.1	-	8.1	8.1	8.1	-	9.3	9.3	9.3	-	10.6	10.6	10.6	-	12.1	12.1	12.0	-	13.7	13.7	13.7	-
		Hi PR	270	272	274	-	313	315	317	-	358	359	361	-	406	407	409	-	457	459	460	-	512	514	515	-
		Lo PR	128	125	128	-	130	132	135	-	137	138	142	-	142	144	147	-	148	149	152	-	154	156	159	-
	1160	MBh	29.8	30.2	31.1	-	29.6	30.0	30.8	-	28.8	29.2	30.1	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.5	24.9	25.7	-
		S/T	0.73	0.65	0.51	-	0.73	0.66	0.52	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.78	0.64	-
		ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	18	16	13	-
		kW	1.86	1.86	1.85	-	2.10	2.10	2.10	-	2.38	2.38	2.37	-	2.67	2.67	2.67	-	3.00	3.00	3.00	-	3.39	3.39	3.39	-
		Amps	7.1	7.1	7.1	-	8.2	8.2	8.2	-	9.4	9.4	9.4	-	10.7	10.7	10.6	-	12.1	12.1	12.1	-	13.8	13.8	13.8	-
		Hi PR	274	275	277	-	316	317	319	-	360	362	364	-	408	410	411	-	460	461	463	-	515	516	518	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	152	155	-	157	158	161	-

75	860	MBh	26.8	28.6	30.1	31.4	28.6	29.0	29.9	31.2	27.8	28.2	29.1	30.4	26.5	26.9	27.8	29.1	25.0	25.4	26.2	27.5	23.5	23.9	24.8	26.1
		S/T	0.76	0.67	0.53	0.38	0.75	0.67	0.53	0.39	1.00	0.70	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.80	0.66	0.51
		ΔT	24	23	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	24	22	19	15
		kW	1.56	1.68	1.82	1.84	2.07	2.07	2.07	2.09	2.35	2.35	2.34	2.36	2.64	2.64	2.64	2.66	2.97	2.97	2.97	2.99	3.36	3.36	3.36	3.38
		Amps	6.0	6.4	7.0	7.1	8.1	8.1	8.0	8.1	9.3	9.3	9.2	9.3	10.5	10.5	10.5	10.6	12.0	12.0	12.0	12.0	13.7	13.7	13.6	13.7
		Hi PR	264	268	272	276	311	312	314	319	355	357	358	363	403	404	406	411	455	456	458	463	510	511	513	521
		Lo PR	126	127	126	131	128	130	133	138	135	136	139	145	140	142	145	150	146	147	150	155	152	154	157	165
	1010	MBh	28.6	29.7	30.6	31.9	29.0	29.4	30.3	31.6	28.3	28.7	29.6	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	26.5
		S/T	0.83	0.74	0.60	0.46	0.83	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.58
		ΔT	23	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	16	13	23	21	18	14
		kW	1.69	1.84	1.84	1.86	2.09	2.09	2.08	2.10	2.36	2.36	2.36	2.38	2.66	2.66	2.65	2.67	2.99	2.99	2.98	3.00	3.38	3.38	3.37	3.39
		Amps	6.5	7.1	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.0	12.0	12.1	13.7	13.7	13.7	13.8
		Hi PR	270	272	274	279	314	315	317	321	358	359	361	366	406	407	409	414	458	459	461	465	513	514	516	524
		Lo PR	128	125	128	133	130	132	135	140	137	138	142	147	142	144	147	152	148	149	152	158	154	156	159	167
	1160	MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.2	28.8	29.2	30.1	31.4	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	24.5	24.9	25.8	27.1
		S/T	0.86	0.78	0.64	0.49	0.87	0.79	0.65	0.50	1.00	0.82	0.67	0.53	1.00	0.84	0.69	0.55	1.00	0.86	0.72	0.57	1.00	1.00	0.77	0.62
		ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	20	19	15	12	22	20	17	13
		kW	1.86	1.86	1.85	1.87	2.10	2.10	2.10	2.11	2.38	2.37	2.37	2.39	2.67	2.67	2.67	2.68	3.00	3.00	3.00	3.02	3.39	3.39	3.38	3.40
		Amps	7.1	7.1	7.1	7.2	8.2	8.2	8.2	8.2	9.4	9.4	9.4	9.4	10.7	10.7	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.8
		Hi PR	274	275	277	282	316	317	319	324	361	362	364	368	409	410	412	416	460	461	463	468	515	516	518	526
		Lo PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	152	155	160	157	158	161	169

IDB\*: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps

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



IDB*	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
		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	860	MBh	27.0	28.7	30.3	31.6	28.7	29.2	30.0	31.3	28.0	28.4	29.3	30.6	26.7	27.1	28.0	29.3	25.1	25.5	26.4	27.7	23.7	24.1	24.9	26.2
		S/T	1.00	0.80	0.66	0.51	1.00	0.80	0.66	0.52	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.79	0.64
		ΔT	28	27	22	19	27	25	22	19	27	25	22	19	27	25	22	18	27	25	22	18	28	26	23	19
		kW	1.56	1.68	1.82	1.84	2.08	2.07	2.07	2.09	2.35	2.35	2.34	2.36	2.65	2.64	2.64	2.66	2.98	2.97	2.97	2.99	3.36	3.36	3.36	3.38
		Amps	6.0	6.4	7.0	7.1	8.1	8.1	8.0	8.1	9.3	9.3	9.2	9.3	10.6	10.5	10.5	10.6	12.0	12.0	12.0	12.0	13.7	13.7	13.7	13.7
		Lo PR	127	127	126	131	129	130	134	139	135	137	140	145	141	142	145	151	146	148	151	156	153	154	158	165
	1010	MBh	28.7	29.9	30.7	32.0	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	26.0	26.8	28.1	24.1	24.5	25.4	26.7
		S/T	1.00	0.87	0.73	0.59	1.00	0.88	0.74	0.59	1.00	0.91	0.77	0.62	1.00	0.93	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.86	0.71
		ΔT	27	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	25	24	20	17	27	25	21	18
		kW	1.69	1.84	1.84	1.86	2.09	2.09	2.09	2.10	2.36	2.36	2.36	2.38	2.66	2.66	2.65	2.67	2.99	2.99	2.99	3.00	3.38	3.38	3.37	3.39
		Amps	6.5	7.1	7.1	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.0	12.0	12.1	13.7	13.7	13.7	13.8
		Lo PR	128	125	128	133	131	133	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	167
	1160	MBh	30.0	30.4	31.3	32.6	29.7	30.1	31.0	32.3	29.0	29.4	30.2	31.6	27.7	28.1	28.9	30.3	26.1	26.5	27.4	28.7	24.6	25.0	25.9	27.2
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.95	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75
		ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	23	19	16	25	24	20	17
		kW	1.86	1.86	1.85	1.87	2.10	2.10	2.10	2.12	2.38	2.38	2.37	2.39	2.67	2.67	2.67	2.69	3.00	3.00	3.00	3.02	3.39	3.39	3.39	3.40
		Amps	7.1	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.6	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9
		Lo PR	126	127	131	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	160	157	159	162	170
85	860	MBh	27.4	29.2	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.7	31.1	27.2	27.6	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.6	25.4	26.7
		S/T	1.00	0.90	0.76	0.61	1.00	0.91	0.77	0.62	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	1.00	0.74
		ΔT	32	30	25	22	30	29	25	22	31	29	26	22	30	29	25	22	30	28	25	22	31	29	26	23
		kW	1.57	1.68	1.83	1.85	2.08	2.08	2.07	2.09	2.35	2.35	2.35	2.37	2.65	2.65	2.64	2.66	2.98	2.98	2.97	2.99	3.37	3.37	3.36	3.38
		Amps	6.0	6.5	7.0	7.1	8.1	8.1	8.1	8.2	9.3	9.3	9.3	9.3	10.6	10.6	10.5	10.6	12.0	12.0	12.0	12.1	13.7	13.7	13.7	13.8
		Lo PR	129	129	128	133	131	132	135	140	137	139	142	147	143	144	147	152	148	150	153	158	155	156	159	167
	1010	MBh	29.2	30.3	31.2	32.5	29.7	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2
		S/T	1.00	0.98	0.84	0.69	1.00	0.99	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.77	1.00	1.00	1.00	0.82
		ΔT	31	27	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	28	25	22
		kW	1.70	1.85	1.84	1.86	2.10	2.09	2.09	2.11	2.37	2.37	2.36	2.38	2.67	2.66	2.66	2.68	3.00	2.99	2.99	3.01	3.38	3.38	3.38	3.40
		Amps	6.5	7.1	7.1	7.2	8.2	8.2	8.1	8.2	9.4	9.3	9.3	9.4	10.6	10.6	10.6	10.7	12.1	12.1	12.1	12.1	13.8	13.8	13.7	13.8
		Lo PR	130	127	130	135	133	134	137	143	139	141	144	149	145	146	149	155	150	152	155	160	157	158	161	169
	1160	MBh	30.5	30.9	31.7	33.1	30.2	30.6	31.5	32.8	29.5	29.9	30.7	32.0	28.2	28.6	29.4	30.7	26.6	27.0	27.8	29.2	25.1	25.5	26.4	27.7
		S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	0.95	0.80	1.00	1.00	1.00	0.86
		ΔT	28	26	23	20	28	26	23	20	28	27	23	20	28	26	23	20	28	26	23	19	29	27	24	20
		kW	1.86	1.86	1.86	1.88	2.11	2.11	2.10	2.12	2.38	2.38	2.38	2.39	2.68	2.68	2.67	2.69	3.01	3.01	3.00	3.02	3.40	3.39	3.39	3.41
		Amps	7.2	7.1	7.1	7.2	8.2	8.2	8.2	8.3	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.7	12.1	12.1	12.1	12.2	13.8	13.8	13.8	13.9
		Lo PR	128	129	132	138	135	137	140	145	142	143	146	151	147	149	152	157	152	154	157	162	159	161	164	172

IDB\*: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

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



















EXPANDED HEATING DATA — NORMAL HEATING MODE

DZ17VSA181B\* + DV24FECB14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.9	20.6	19.2	17.9	17.1	16.5	15.0	21.8	19.9	18.6	17.6	17.0	16.4	14.6	12.9	11.2	9.4	7.7
T/R	32	30	29	27	26	25	23	34	31	29	27	26	25	23	20	17	15	12
KW	1.40	1.37	1.33	1.30	1.29	1.27	1.24	2.13	2.05	1.98	1.91	1.87	1.84	1.77	1.70	1.63	1.56	1.49
Amps	5.1	5.0	4.8	4.7	4.6	4.6	4.4	8.3	8.0	7.7	7.4	7.2	7.1	6.8	6.4	6.1	5.8	5.5
COP	4.60	4.41	4.22	4.03	3.90	3.80	3.53	3.00	2.84	2.74	2.69	2.67	2.60	2.42	2.22	2.01	1.77	1.52
HI PR	373	361	348	336	329	324	312	360	345	331	316	307	302	287	273	258	244	229
LO PR	139	131	122	113	108	105	96	81	73	65	57	52	49	41	33	25	17	9

DZ17VSA241B\* + DV24FECB14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	29.0	27.3	25.6	23.9	22.8	22.0	20.1	21.4	19.8	18.6	17.8	17.3	16.7	15.2	13.7	12.2	10.7	9.2
T/R	32	31	29	27	26	26	23	25	23	22	21	20	20	18	16	14	12	11
KW	1.88	1.85	1.81	1.78	1.76	1.74	1.71	1.95	1.90	1.84	1.79	1.76	1.74	1.69	1.64	1.59	1.54	1.48
Amps	6.9	6.8	6.6	6.5	6.4	6.3	6.2	7.2	7.0	6.8	6.5	6.4	6.3	6.1	5.9	5.6	5.4	5.2
COP	4.52	4.33	4.13	3.93	3.80	3.70	3.44	3.22	3.06	2.96	2.90	2.88	2.81	2.64	2.45	2.25	2.04	1.81
HI PR	380	367	355	343	335	330	318	315	302	289	277	269	264	251	239	226	213	200
LO PR	132	123	115	107	102	99	91	82	74	66	58	53	50	42	33	25	17	9

DZ17VSA301B\* + DV36FECB14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	36.3	34.1	31.9	29.8	28.4	27.4	24.9	26.6	24.5	23.0	21.9	21.3	20.5	18.5	16.6	14.6	12.7	10.7
T/R	32	30	29	27	26	25	23	24	22	21	20	19	19	17	15	13	11	10
KW	2.57	2.51	2.46	2.41	2.38	2.36	2.30	2.54	2.46	2.39	2.31	2.27	2.24	2.16	2.04	1.84	1.63	1.42
Amps	9.6	9.3	9.1	8.9	8.7	8.6	8.4	9.4	9.1	8.8	8.4	8.2	8.1	7.8	7.5	7.2	6.9	6.6
COP	4.14	3.97	3.80	3.62	3.50	3.41	3.17	3.07	2.92	2.82	2.77	2.75	2.68	2.51	2.04	1.84	1.63	1.42
HI PR	366	354	342	330	323	318	306	297	285	273	261	254	249	237	225	213	201	189
LO PR	126	118	110	102	97	94	86	76	68	61	53	49	46	38	31	23	16	8

DZ17VSA361B\* + DV36FECB14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.7	38.2	35.8	34.2	33.1	30.3	29.0	27.1	25.6	24.5	23.9	23.2	21.2	19.3	17.4	15.5	13.5
T/R	31	29	28	26	25	24	22	21	20	19	18	18	17	16	14	13	11	10
KW	3.31	3.24	3.16	3.08	3.04	3.01	2.93	2.84	2.77	2.71	2.65	2.61	2.58	2.52	2.67	2.61	2.55	2.49
Amps	12.4	12.1	11.7	11.4	11.2	11.1	10.7	10.3	10.1	9.8	9.5	9.3	9.2	8.9	9.6	9.3	9.1	8.8
COP	3.82	3.68	3.54	3.40	3.30	3.22	3.03	2.99	2.86	2.76	2.71	2.69	2.63	2.47	2.12	1.95	1.78	1.59
HI PR	368	356	344	332	325	320	308	288	276	265	253	246	242	230	218	207	195	183
LO PR	119	112	105	97	93	90	82	75	68	60	53	48	45	38	30	23	16	8

Calculations are based on 70 °F indoor dry bulb.

High pressure is measured at the suction service valve (the larger valve). Low pressure is measured at the gauge port connection

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp. fan)

EXPANDED HEATING DATA — NORMAL HEATING MODE

**DZ17VSA421B\* + DV48FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.8	47.8	44.8	41.9	40.0	38.6	35.2	42.7	39.7	37.4	35.8	34.9	33.8	30.8	27.9	25.0	22.1	19.1
T/R	34	33	31	29	28	27	25	30	28	26	25	25	24	22	20	18	15	13
kW	3.74	3.66	3.58	3.50	3.45	3.42	3.33	4.68	4.53	4.39	4.25	4.16	4.10	4.27	4.13	3.99	3.85	3.70
Amps	14.2	13.8	13.5	13.1	12.9	12.8	12.4	18.2	17.6	17.0	16.4	16.0	15.7	16.5	15.9	15.2	14.6	14.0
COP	3.98	3.83	3.67	3.51	3.40	3.31	3.10	2.68	2.57	2.50	2.47	2.46	2.41	2.12	1.98	1.84	1.68	1.51
HI PR	377	365	353	340	333	328	316	331	318	304	291	283	278	264	251	237	224	211
LO PR	129	121	113	105	100	97	89	74	67	60	52	48	45	37	30	23	15	8

**DZ17VSA481B\* + DV48FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.4	54.1	50.8	47.6	45.5	44.0	40.3	44.4	41.1	38.6	36.8	35.8	34.6	31.4	28.2	25.1	21.9	18.7
T/R	37	35	33	32	31	30	27	30	27	26	25	24	23	21	19	17	15	13
kW	4.73	4.61	4.49	4.37	4.30	4.25	4.14	4.69	4.54	4.39	4.24	4.15	4.09	4.23	4.06	3.89	3.72	3.56
Amps	18.4	17.9	17.3	16.8	16.5	16.3	15.8	18.2	17.5	16.9	16.2	15.8	15.6	16.2	15.5	14.7	14.0	13.3
COP	3.56	3.44	3.31	3.19	3.10	3.03	2.86	2.77	2.65	2.57	2.54	2.53	2.48	2.17	2.04	1.89	1.72	1.54
HI PR	388	375	363	350	342	337	325	335	321	308	294	286	280	267	253	240	226	213
LO PR	133	125	116	108	103	100	92	82	74	65	57	53	49	41	33	25	17	9

**DZ17VSA601B\* + DV60FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	68.3	64.3	60.4	56.5	54.0	52.2	47.7	50.6	46.9	44.1	42.0	41.0	39.5	36.0	32.4	28.8	25.2	21.6
T/R	37	35	33	32	30	30	27	28	26	25	24	23	22	20	18	16	14	12
kW	5.91	5.74	5.56	5.38	5.28	5.20	5.03	5.06	4.90	4.74	4.58	4.48	4.41	4.25	4.52	4.30	4.08	3.86
Amps	23.1	22.3	21.6	20.8	20.3	20.0	19.3	19.4	18.7	18.0	17.3	16.9	16.6	15.9	17.0	16.1	15.1	14.2
COP	3.39	3.29	3.18	3.08	3.00	2.94	2.78	2.93	2.81	2.73	2.69	2.68	2.62	2.48	2.10	1.96	1.81	1.64
HI PR	394	381	368	356	348	343	330	333	319	306	292	284	279	266	252	239	225	212
LO PR	131	122	114	106	101	98	90	80	72	64	57	52	49	41	33	25	17	9

Calculations are based on 70 °F indoor dry bulb.

High pressure is measured at the suction service valve (the larger valve). Low pressure is measured at the gauge port connection

**Note:** Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp. +fan)

EXPANDED HEATING DATA — HEATING BOOST MODE

**DZ17VSA181B\* + DV24FECB14A\***

	OUTDOOR AMBIENT TEMPERATURE										35 OR LOWER	
	65	60	55	50	47	45	40					
MBh	23.1	21.7	20.3	18.9	18.0	17.4	15.7					Same as normal heating mode
T/R	34	32	31	29	28	27	24					
KW	1.54	1.51	1.47	1.44	1.42	1.40	1.37					
AMPS	5.8	5.6	5.5	5.3	5.2	5.2	5.0					
COP	4.38	4.21	4.03	3.85	3.72	3.62	3.37					
HI PR	386	373	361	348	340	335	323					
LO PR	136	127	119	110	105	102	93					

**DZ17VSA241B\* + DV24FECB14A\***

	OUTDOOR AMBIENT TEMPERATURE										35 OR LOWER	
	65	60	55	50	47	45	40					
MBh	30.6	28.7	26.9	25.1	24.0	23.2	21.1					Same as normal heating mode
T/R	34	33	31	29	28	27	25					
KW	2.00	1.96	1.92	1.88	1.86	1.85	1.81					
AMPS	7.4	7.3	7.1	6.9	6.8	6.8	6.6					
COP	4.49	4.30	4.11	3.91	3.78	3.68	3.42					
HI PR	380	367	355	343	335	330	318					
LO PR	133	124	116	108	103	100	91					

**DZ17VSA301B\* + DV36FEC14A\***

	OUTDOOR AMBIENT TEMPERATURE										35 OR LOWER	
	65	60	55	50	47	45	40					
MBh	38.4	36.0	33.7	31.5	30.0	28.9	26.3					Same as normal heating mode
T/R	33	32	30	28	27	26	24					
KW	2.76	2.70	2.64	2.58	2.55	2.52	2.47					
AMPS	10.4	10.1	9.9	9.6	9.5	9.4	9.1					
COP	4.07	3.91	3.74	3.57	3.45	3.36	3.12					
HI PR	364	352	340	328	321	316	305					
LO PR	123	115	108	100	95	92	85					

**DZ17VSA361B\* + DV36FEC14A\***

	OUTDOOR AMBIENT TEMPERATURE										35 OR LOWER	
	65	60	55	50	47	45	40					
MBh	43.6	41.1	38.6	36.1	34.5	33.3	30.5					Same as normal heating mode
T/R	31	29	28	26	25	24	22					
KW	3.35	3.27	3.19	3.11	3.06	3.03	2.95					
AMPS	12.6	12.2	11.9	11.5	11.3	11.2	10.8					
COP	3.82	3.68	3.54	3.40	3.30	3.22	3.03					
HI PR	358	346	335	323	316	311	300					
LO PR	120	113	105	98	93	90	83					

Calculations are based on 70 °F indoor dry bulb.  
 High pressure is measured at the suction service valve (the larger valve). Low pressure is measured at the gauge port connection  
**Note:** Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

**DZ17VSA421B\* + DV48FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE										
	65	60	55	50	47	45	40	35 OR LOWER			
MBh	53.4	50.2	47.1	44.0	42.0	40.6	37.0	<b>Same as normal heating mode</b>			
T/R	36	34	32	31	29	29	26				
KW	4.29	4.19	4.10	4.00	3.95	3.91	3.81				
AM/PS	16.5	16.1	15.7	15.3	15.1	14.9	14.5				
COP	3.65	3.51	3.37	3.22	3.12	3.04	2.84				
HI PR	388	375	363	350	342	337	325				
LO PR	123	115	108	100	95	92	85				

**DZ17VSA481B\* + DV48FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE										
	65	60	55	50	47	45	40	35 OR LOWER			
MBh	60.5	57.0	53.6	50.2	48.0	46.4	42.6	<b>Same as normal heating mode</b>			
T/R	39	37	35	33	32	31	28				
KW	5.17	5.04	4.91	4.78	4.71	4.65	4.52				
AM/PS	20.3	19.7	19.2	18.6	18.3	18.0	17.5				
COP	3.43	3.32	3.20	3.08	2.99	2.92	2.76				
HI PR	403	390	377	364	356	351	338				
LO PR	131	123	115	107	102	99	91				

**DZ17VSA601B\* + DV60FECDD14A\***

	OUTDOOR AMBIENT TEMPERATURE										
	65	60	55	50	47	45	40	35 OR LOWER			
MBh	72.1	67.9	63.7	59.7	57.0	55.1	50.4	<b>Same as normal heating mode</b>			
T/R	39	37	35	33	32	31	28				
KW	6.50	6.30	6.11	5.92	5.80	5.72	5.53				
AM/PS	25.6	24.8	23.9	23.1	22.6	22.3	21.4				
COP	3.25	3.16	3.06	2.95	2.88	2.82	2.67				
HI PR	413	400	387	373	365	360	346				
LO PR	128	120	112	104	100	96	88				

Calculations are based on 70 °F indoor dry bulb.

High pressure is measured at the suction service valve (the larger valve). Low pressure is measured at the gauge port connection

**Note:** Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp +fan)

PERFORMANCE DATA FOR STANDARD OPERATING MODE

DZ17VSA181B* / DV24FECB14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,300	13,500	4,800	1,090
80°	18,100	13,700	4,400	1,200
85°	17,900	13,800	4,100	1,230
90°	17,500	13,700	3,800	1,300
<b>95°</b>	<b>17,100</b>	<b>13,500</b>	<b>3,600</b>	<b>1,390</b>
100°	16,700	13,300	3,400	1,500
105°	16,200	13,100	3,100	1,570
110°	15,800	13,200	2,600	1,700
115°	15,300	13,200	2,100	1,770
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>16,500</b>	<b>13,200</b>	<b>3,300</b>	<b>1,390</b>

DZ17VSA181B* / DV24FECB14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	19,300	14,100	5,200	1,200
80°	19,100	14,100	5,000	1,300
85°	18,800	14,100	4,700	1,400
90°	18,400	14,000	4,400	1,450
<b>95°</b>	<b>18,000</b>	<b>13,900</b>	<b>4,100</b>	<b>1,500</b>
100°	17,500	13,700	3,800	1,600
105°	17,000	13,400	3,600	1,700
110°	16,600	13,500	3,100	1,850
115°	16,100	13,500	2,600	2,000
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>17,400</b>	<b>13,600</b>	<b>3,800</b>	<b>1,500</b>

DZ17VSA241B* / DV24FECB14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	24,500	17,400	7,100	1,580
80°	24,200	17,500	6,700	1,700
85°	23,800	17,600	6,200	1,790
90°	23,300	17,500	5,800	1,900
<b>95°</b>	<b>22,800</b>	<b>17,300</b>	<b>5,500</b>	<b>2,020</b>
100°	22,200	17,100	5,100	2,100
105°	21,500	16,800	4,700	2,270
110°	20,700	16,800	3,900	2,300
115°	19,900	16,700	3,200	2,310
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>22,000</b>	<b>16,900</b>	<b>5,100</b>	<b>2,020</b>

DZ17VSA241B* / DV24FECB14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,700	18,200	7,500	1,700
80°	25,400	18,300	7,100	1,800
85°	25,100	18,300	6,800	1,900
90°	24,600	18,200	6,400	2,050
<b>95°</b>	<b>24,000</b>	<b>18,000</b>	<b>6,000</b>	<b>2,200</b>
100°	23,400	17,800	5,600	2,350
105°	22,700	17,500	5,200	2,500
110°	21,300	17,100	4,200	2,400
115°	19,900	16,700	3,200	2,300
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>23,100</b>	<b>17,600</b>	<b>5,500</b>	<b>2,200</b>

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DZ17VSA301B* / DV36FECC1A4*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F				
AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	30,500	22,600	7,900	2,090
80°	30,100	22,800	7,300	2,200
85°	29,700	22,900	6,800	2,360
90°	29,100	22,700	6,400	2,500
<b>95°</b>	<b>28,400</b>	<b>22,400</b>	<b>6,000</b>	<b>2,650</b>
100°	27,600	22,100	5,500	2,800
105°	26,800	21,700	5,100	2,990
110°	26,100	21,800	4,300	3,200
115°	25,400	21,800	3,600	3,370
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>27,400</b>	<b>21,900</b>	<b>5,500</b>	<b>2,660</b>

DZ17VSA301B* / DV36FECC1A4*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F				
IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	32,200	23,500	8,700	2,300
80°	31,800	23,600	8,200	2,450
85°	31,400	23,600	7,800	2,600
90°	30,700	23,400	7,300	2,750
<b>95°</b>	<b>30,000</b>	<b>23,100</b>	<b>6,900</b>	<b>2,900</b>
100°	29,200	22,800	6,400	3,050
105°	28,300	22,400	5,900	3,200
110°	27,600	22,500	5,100	3,450
115°	26,800	22,500	4,300	3,700
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>28,900</b>	<b>22,500</b>	<b>6,400</b>	<b>2,900</b>

DZ17VSA361B* / DV36FECC1A4*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F				
AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	36,700	27,500	9,200	2,900
80°	36,300	27,700	8,600	3,100
85°	35,800	27,900	7,900	3,270
90°	35,000	27,700	7,300	3,500
<b>95°</b>	<b>34,200</b>	<b>27,400</b>	<b>6,800</b>	<b>3,680</b>
100°	33,300	27,000	6,300	3,900
105°	32,300	26,500	5,800	4,130
110°	31,100	26,600	4,500	4,100
115°	29,900	26,600	3,300	4,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>33,000</b>	<b>26,700</b>	<b>6,300</b>	<b>3,680</b>

DZ17VSA361B* / DV36FECC1A4*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F				
IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,600	28,600	10,000	3,100
80°	38,200	28,800	9,400	3,300
85°	37,700	29,000	8,700	3,500
90°	36,900	28,700	8,200	3,700
<b>95°</b>	<b>36,000</b>	<b>28,400</b>	<b>7,600</b>	<b>3,900</b>
100°	35,000	28,000	7,000	4,150
105°	34,000	27,500	6,500	4,400
110°	32,000	27,100	4,900	4,250
115°	29,900	26,600	3,300	4,100
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>34,700</b>	<b>27,800</b>	<b>6,900</b>	<b>3,900</b>

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DZ17VSA421B* / DV48FECDD14A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F				
AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,900	29,600	13,300	3,460
80°	42,400	29,700	12,700	3,700
85°	41,800	29,700	12,100	3,930
90°	40,900	29,500	11,400	4,200
<b>95°</b>	<b>40,000</b>	<b>29,200</b>	<b>10,800</b>	<b>4,440</b>
100°	38,900	28,800	10,100	4,700
105°	37,800	28,400	9,400	5,020
110°	36,300	28,300	8,000	4,900
115°	34,800	28,200	6,600	4,750
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>38,600</b>	<b>28,600</b>	<b>10,000</b>	<b>4,450</b>

DZ17VSA421B* / DV48FECDD14A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F				
IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	45,000	30,600	14,400	3,700
80°	44,500	30,700	13,800	3,950
85°	43,900	30,700	13,200	4,200
90°	43,000	30,500	12,500	4,450
<b>95°</b>	<b>42,000</b>	<b>30,200</b>	<b>11,800</b>	<b>4,700</b>
100°	40,900	29,800	11,100	5,000
105°	39,700	29,400	10,300	5,300
110°	37,300	28,800	8,500	5,050
115°	34,800	28,200	6,600	4,800
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>40,500</b>	<b>29,600</b>	<b>10,900</b>	<b>4,700</b>

DZ17VSA481B* / DV48FECDD14A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F				
AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	48,800	33,200	15,600	4,250
80°	48,200	33,300	14,900	4,500
85°	47,600	33,300	14,300	4,840
90°	46,600	33,100	13,500	5,200
<b>95°</b>	<b>45,500</b>	<b>32,800</b>	<b>12,700</b>	<b>5,480</b>
100°	44,300	32,300	12,000	5,800
105°	43,000	31,800	11,200	6,200
110°	39,100	30,000	9,100	5,600
115°	35,200	28,200	7,000	4,950
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>43,900</b>	<b>32,000</b>	<b>11,900</b>	<b>5,490</b>

DZ17VSA481B* / DV48FECDD14A*				
DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F				
IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	51,500	33,000	18,500	4,800
80°	50,900	33,100	17,800	5,100
85°	50,200	33,100	17,100	5,400
90°	49,100	32,900	16,200	5,800
<b>95°</b>	<b>48,000</b>	<b>32,600</b>	<b>15,400</b>	<b>6,200</b>
100°	45,500	32,200	13,300	6,200
105°	43,000	31,800	11,200	6,200
110°	39,100	30,000	9,100	5,600
115°	35,200	28,200	7,000	5,000
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
<b>95°</b>	<b>46,300</b>	<b>31,900</b>	<b>14,400</b>	<b>6,200</b>



PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DZ17VSA601B* / DV60FECD14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	57,900	38,200	19,700	5,050
80°	57,200	38,300	18,900	5,400
85°	56,500	38,400	18,100	5,750
90°	55,300	38,100	17,200	6,100
<b>95°</b>	<b>54,000</b>	<b>37,800</b>	<b>16,200</b>	<b>6,510</b>
100°	50,100	35,600	14,500	6,100
105°	46,200	33,300	12,900	5,710
110°	42,500	32,000	10,500	5,500
115°	38,800	30,700	8,100	5,320
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>52,100</b>	<b>37,000</b>	<b>15,100</b>	<b>6,510</b>

DZ17VSA601B* / DV60FECD14A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F IN BOOST MODE				
OUTDOOR Temp °F	TOTAL BTU/h	SENSIBLE BTU/h	LATENT BTU/h	TOTAL WATTS
75°	61,100	39,700	21,400	5,700
80°	60,400	40,100	20,300	6,050
85°	59,600	40,500	19,100	6,400
90°	58,300	40,200	18,100	6,850
<b>95°</b>	<b>57,000</b>	<b>39,900</b>	<b>17,100</b>	<b>7,300</b>
100°	51,600	36,600	15,000	6,500
105°	46,200	33,300	12,900	5,700
110°	42,500	32,000	10,500	5,500
115°	38,800	30,700	8,100	5,300
<b>TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>55,000</b>	<b>38,500</b>	<b>16,500</b>	<b>7,300</b>

**SOUND DATA**

NORMAL MODE - COOLING		SOUND POWER LEVEL <sup>1</sup>						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (HZ) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	66	51.7	60.6	61.3	59.4	55.2	48.3	48.2
2-ton	67	57.5	58.3	62.8	61.1	56.3	51.0	45.5
2.5-ton	68	56.4	60.0	62.9	63.1	58.2	53.3	44.7
3-ton	68	55.8	60.7	62.8	62.6	58.6	53.8	44.4
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

<sup>1</sup>Compliant with ISO3744.

NORMAL MODE - HEATING		SOUND POWER LEVEL <sup>1</sup>						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (HZ) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	68	53.7	62.6	63.3	61.4	57.2	50.3	50.5
2-ton	69	59.3	61.0	64.6	63.0	58.2	52.8	49.5
2.5-ton	70	58.4	62.0	64.9	65.1	60.2	55.3	46.7
3-ton	70	58.1	61.4	65.1	64.9	60.9	56.0	46.7
3.5-ton	74	60.1	66.4	67.0	69.8	65.4	62.5	49.9
4-ton	74	60.8	64.7	67.0	70.0	66.4	61.9	50.5
5-ton	76	61.4	65.4	69.2	72.2	68.6	64.1	52.7

<sup>1</sup>Compliant with ISO3744.

**QUIET MODE - COOLING**

<b>TONNAGE</b>	<b>SOUND SUPPRESSION LEVEL</b>	<b>SOUND POWER LEVEL (dBA)<sup>1</sup></b>	<b>SOUND PRESSURE LEVEL (dBA)<sup>2</sup></b>
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

<sup>1</sup>Compliant with ISO3744.

<sup>2</sup>Compliant with JIS B 8616 : 2006.

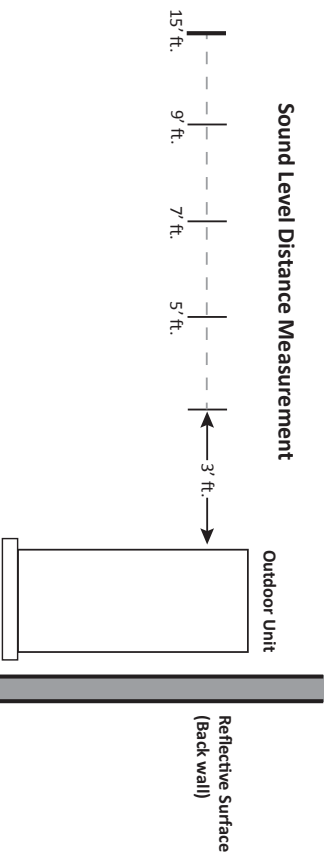
**QUIET MODE - HEATING**

<b>TONNAGE</b>	<b>SOUND SUPPRESSION LEVEL</b>	<b>SOUND POWER LEVEL (dBA)<sup>1</sup></b>	<b>SOUND PRESSURE LEVEL (dBA)<sup>2</sup></b>
1.5-ton	LV.1	65	48
	LV.2	62	45
	LV.3	59	42
2-ton	LV.1	66	49
	LV.2	63	46
	LV.3	60	43
2.5-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3-ton	LV.1	67	53
	LV.2	64	50
	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

<sup>1</sup>Compliant with ISO3744.

<sup>2</sup>Compliant with JIS B 8616 : 2006.

**SOUND DATA**



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

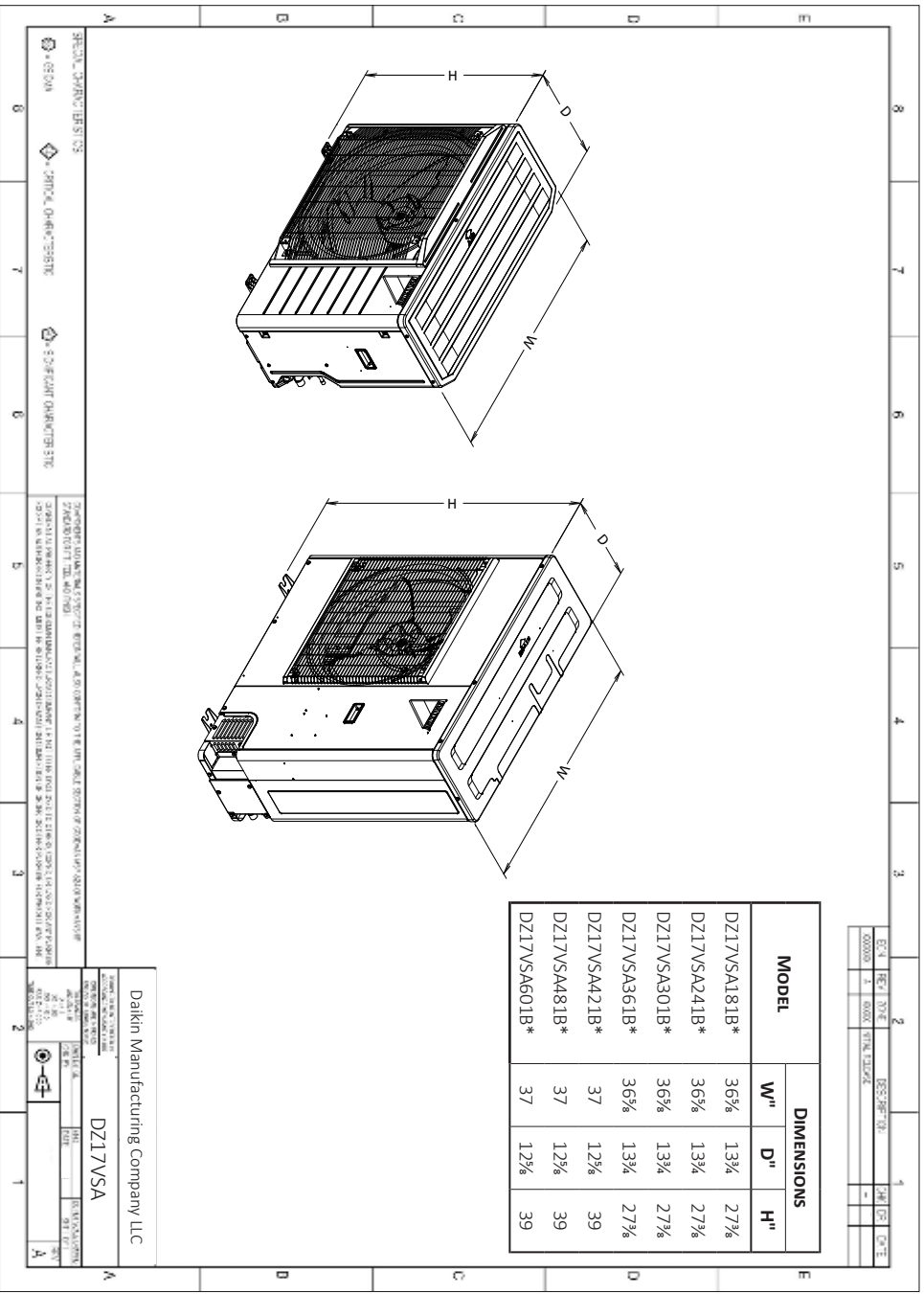
<sup>1</sup> Compliant with AHRI 275 utilizing standard mode, total sound levels

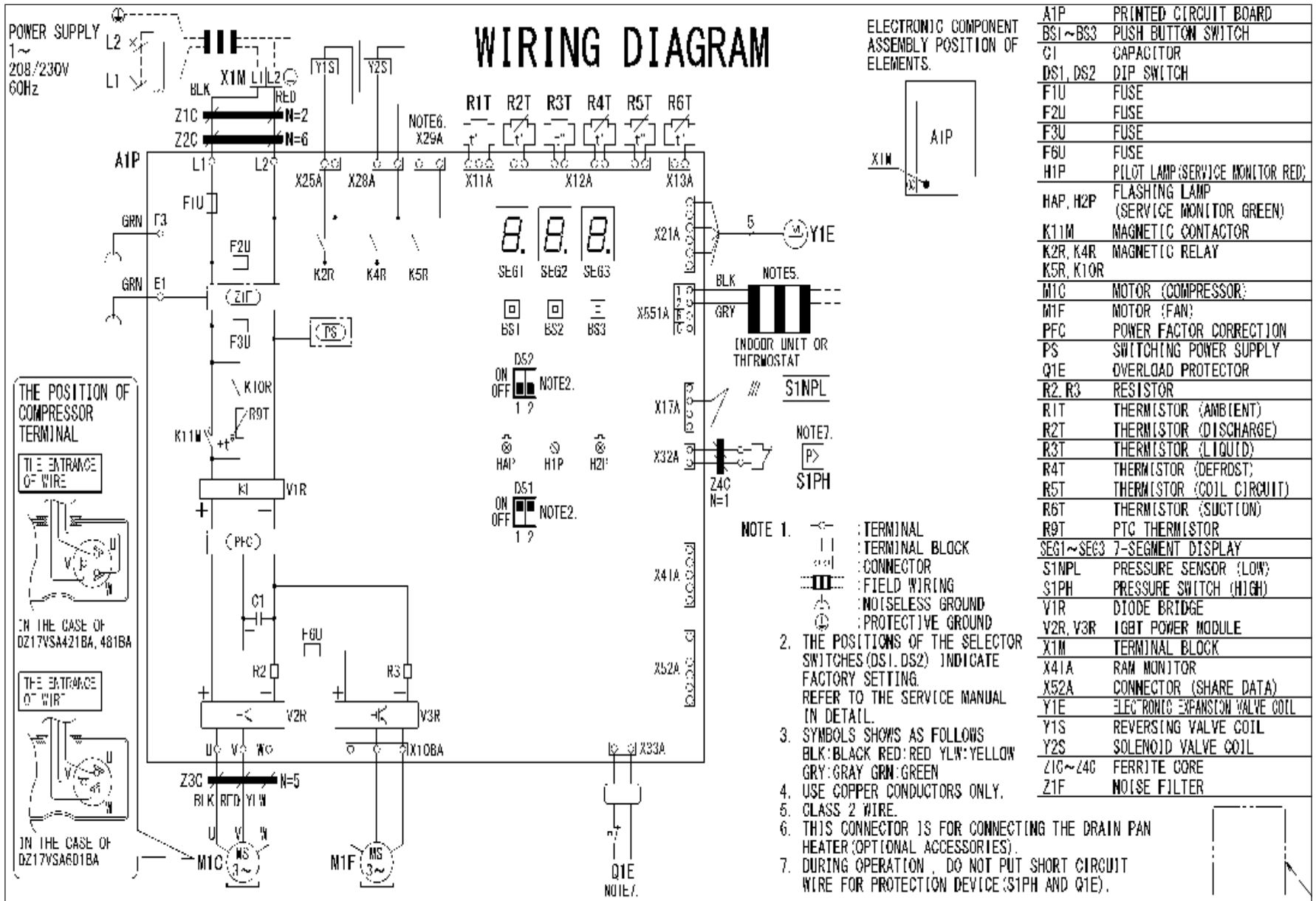
<b>SOUND PRESSURE (dBA) HEATING MODE<sup>1</sup></b>						
<b>DISTANCE FROM PROPERTY LINE</b>						
<b>TONNAGE</b>	<b>REFLECTIVE SURFACE QTY.</b>	<b>3'</b>	<b>5'</b>	<b>7'</b>	<b>9'</b>	<b>15'</b>
1.5-ton	0	61	56	53	51	47
	1	64	59	56	54	50
2-ton	0	62	57	54	52	48
	1	65	60	57	55	51
2.5-ton	0	63	58	55	53	49
	1	66	61	58	56	52
3-ton	0	63	58	55	53	49
	1	66	61	58	56	52
3.5-ton	0	67	62	59	57	53
	1	70	65	62	60	56
4-ton	0	67	62	59	57	53
	1	70	65	62	60	56
5-ton	0	69	64	61	59	55
	1	72	67	64	62	58
5-ton	2	75	70	67	65	61

<sup>1</sup> 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.**

DIMENSIONS



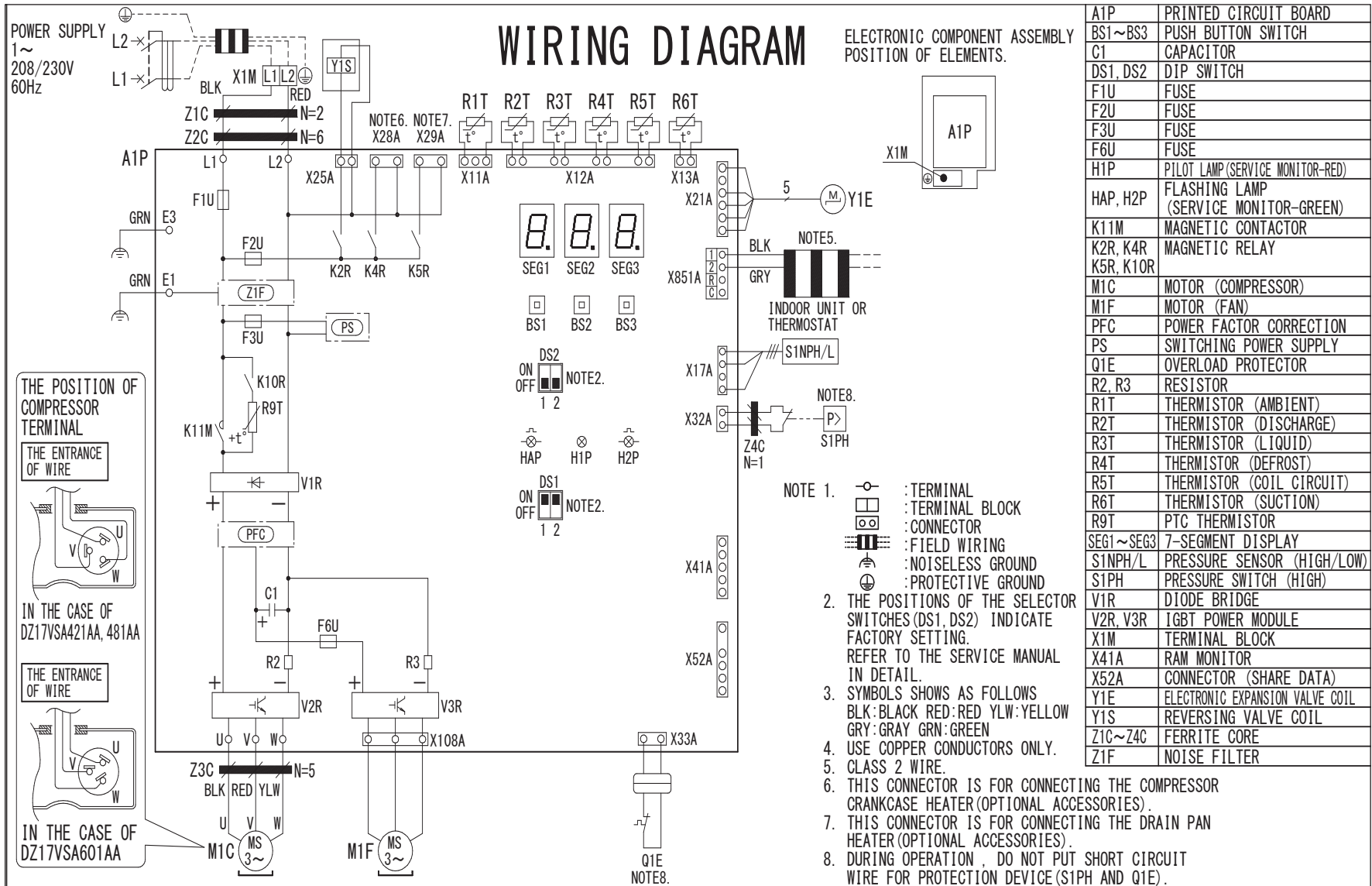


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

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

**⚠ WARNING**

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

⚡



MODEL	DESCRIPTION	DZ17VSA 181B*	DZ17VSA 241B*	DZ17VSA 301B*	DZ17VSA 361B*	DZ17VSA 421B*	DZ17VSA 481B*	DZ17VSA 601B*
KPW5G112	Air Direction Adjustment Grill	X	X	X	X	X	X	X
KPS00501 <sup>1</sup>	Snow Guard Front	X	X	X	X			
KPS00502 <sup>1</sup>	Snow Guard Rear	X	X	X	X			
KPS00503 <sup>1</sup>	Snow Guard Side	X	X	X	X			
KPS00504 <sup>1</sup>	Snow Guards - Complete Set	X	X	X	X			
KPS00601 <sup>1</sup>	Snow Guard Front					X	X	X
KPS00602 <sup>1</sup>	Snow Guard Rear					X	X	X
KPS00603 <sup>1</sup>	Snow Guard Side					X	X	X
KPS00604 <sup>1</sup>	Snow Guards - Complete Set					X	X	X
130-DK-006	Hail Guard	X	X	X	X			
130-DK-008	Hail Guard					X	X	X
KEH3P573597	Drain Pan Heater	X	X	X	X			
KEH3P573567	Drain Pan Heater					X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X	X	X

<sup>1</sup> Product is manufactured at time of order. Lead time will be associated with purchase.

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Our continuing commitment to quality products may mean a change in specifications without notice.  
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