

COOLING CAPACITY: 22,400 - 53,000 BTU/H  
HEATING CAPACITY: 22,200 - 53,500 BTU/H

**HIGH-EFFICIENCY,  
COMMUNICATING,  
SPLIT SYSTEM HEAT PUMP  
UP TO 19 SEER & 10.0 HSPF**



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### ■ Standard Features

- Daikin variable-speed swing compressor
- High-density foam 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
- Three-speed quiet condenser fan motor
- Superheat automatic EEV control
- Field-selectable boost mode increases compressor speed during unusually high loads
- Coil and ambient temperature sensors
- Suction pressure transducer
- AHRI Certified; ETL Listed

### ■ Cabinet Features

- Grille-style sound control top design
- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- Sweat connection service valves with easy access to gauge ports
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (ABK-20 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.

	D	Z	18	V	C	036	3	*	*	
	1	2	3,4	5	6	7,8,9	10	11	12	
<b>Brand</b>	D - Daikin									<b>Engineering *</b>
										Major & Minor revisions
										* Not used for inventory purposes
<b>Type</b>	X - AC R-410A									<b>Voltage</b>
	Z - HP R-410A									1 - 208/230 V Single-Phase 60 Hz
<b>SEER</b>	14 - 14 SEER		18 - 18 SEER							<b>Capacity</b>
	16 - 16 SEER		20 - 20 SEER					024 - 2 tons	048 - 4 tons	
								036 - 3 tons	060 - 5 tons	
<b>Compressor</b>	S - Single Stage		V - Variable Speed							<b>Feature Set</b>
	T - Two Stage							A - Base	D - Deluxe	
								C - Communicating	N - Nominal	

	DZ18VC 0241A*	DZ18VC 0361A*	DZ18VC 0481A*	DZ18VC 0601A*
<b>CAPACITIES AND RATINGS</b>				
Max. Cooling (BTU/h)	22,400	33,600	45,000	53,000
Max. Heating (BTU/h)	22,200	32,800	44,500	53,500
<b>COMPRESSOR</b>				
Type	Swing	Swing	Swing	Swing
RLA	12.7	19.8	27.6	31.10
<b>CONDENSER FAN MOTOR</b>				
Horsepower	1/7	1/7	1/8	1/4
FLA	1.0	1.0	1.0	1.8
<b>REFRIGERATION SYSTEM</b>				
Refrigerant Line Size				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	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.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Front-seated	Front-seated	Front-seated	Front-seated
Refrigerant Charge (oz.)	139	139	160	237
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	11±1°F	14±1°F	9±1°F	10±1°F
<b>ELECTRICAL DATA</b>				
Volts-Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/1/60Hz
Minimum Circuit Ampacity <sup>2</sup>	13.6	20.7	28.6	32.9
Max. Overcurrent Protection <sup>3</sup>	15	25	30	35
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>EQUIPMENT WEIGHT (LBS)</b>	172	172	220	270
<b>SHIP WEIGHT (LBS)</b>	201	201	247	297

<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 7/8" 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.

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
<b>70</b>	MBh	22.8	23.2	23.8	24.1	24.4	22.6	23.0	23.6	23.9	24.2	22.0	22.4	23.0	23.3	23.6	21.0	21.3	22.0	22.3	22.6	19.8	20.1	20.8	21.0	21.3	18.6	19.0	19.6	19.9	20.2
	S/T	0.63	0.55	0.41	0.46	0.49	0.64	0.56	0.42	0.47	0.51	0.66	0.58	0.45	0.49	0.53	1.00	0.60	0.47	0.51	0.55	1.00	0.63	0.49	0.54	0.58	1.00	0.68	0.54	0.59	0.62
	ΔT	18.56	16.83	13.58	12.76	12.04	18.52	16.78	13.53	12.71	12.00	18.76	17.02	13.78	12.96	12.24	18.50	16.76	13.52	12.69	11.98	18.27	16.53	13.28	12.46	11.74	19.35	17.62	14.37	13.55	12.83
	Pr Suc	126.4	127.9	131.1	132.6	134.3	134.0	135.6	138.8	140.3	141.9	140.8	142.3	145.5	147.0	148.6	146.4	148.0	151.2	152.7	154.3	152.0	153.6	156.8	158.3	159.9	159.0	160.5	163.7	165.2	166.9
	Pr Dis	249.5	250.6	252.3	254.0	255.6	288.8	289.9	291.6	293.3	294.9	329.9	331.0	332.8	334.5	336.1	374.3	375.4	377.1	378.8	380.4	422.1	423.2	424.9	426.6	428.2	473.1	474.2	475.9	477.6	479.2
Amps	4.81	4.80	4.79	4.82	4.84	5.45	5.45	5.43	5.46	5.48	6.17	6.17	6.15	6.18	6.20	6.95	6.94	6.93	6.96	6.98	7.82	7.81	7.80	7.83	7.84	8.84	8.83	8.82	8.85	8.87	
Power	1.236	1.235	1.233	1.239	1.244	1.385	1.384	1.381	1.387	1.391	1.550	1.549	1.546	1.552	1.556	1.729	1.728	1.726	1.732	1.736	1.929	1.928	1.926	1.932	1.936	2.164	2.163	2.160	2.166	2.170	
<b>70</b>	MBh	23.1	23.4	24.1	24.4	24.4	22.9	23.2	23.9	24.2	24.2	22.3	22.6	23.3	23.6	23.6	21.3	21.6	22.3	22.6	22.6	20.0	20.3	21.0	21.0	21.3	18.9	19.2	19.9	19.9	20.2
	S/T	0.68	0.60	0.46	0.46	0.49	0.68	0.61	0.47	0.47	0.50	0.71	0.63	0.49	0.52	0.55	1.00	0.65	0.51	0.55	0.58	1.00	0.67	0.54	0.58	0.62	1.00	0.73	0.59	0.62	0.65
	ΔT	17.74	16.00	12.76	12.04	11.32	17.69	15.96	12.71	12.00	11.28	17.94	16.20	12.96	12.24	11.52	17.68	15.94	12.69	11.98	11.26	17.44	15.71	12.46	11.74	11.02	18.53	16.79	13.55	12.83	12.11
	Pr Suc	127.9	129.4	132.6	134.3	136.0	135.5	137.1	140.3	141.9	143.5	142.2	143.8	147.0	148.6	150.2	147.9	149.5	152.7	154.3	155.9	153.5	155.1	158.3	160.0	161.6	160.5	162.0	165.2	166.9	168.6
	Pr Dis	251.2	252.2	254.0	255.6	257.2	290.5	291.5	293.3	294.9	296.5	331.6	332.7	334.5	336.1	337.7	376.0	377.0	378.8	380.4	382.0	423.8	424.8	426.6	428.2	429.8	474.8	475.8	477.6	479.2	480.8
Amps	4.83	4.83	4.82	4.82	4.82	5.48	5.47	5.46	5.46	5.48	6.20	6.19	6.18	6.20	6.22	6.98	6.97	6.96	6.98	7.00	7.84	7.84	7.83	7.84	7.85	8.87	8.86	8.85	8.85	8.87	
Power	1.242	1.241	1.239	1.244	1.244	1.391	1.390	1.387	1.391	1.395	1.556	1.555	1.552	1.558	1.561	1.735	1.734	1.732	1.738	1.742	1.935	1.934	1.932	1.938	1.942	2.170	2.169	2.166	2.172	2.176	
<b>880</b>	MBh	23.4	23.7	24.4	24.4	24.4	23.2	23.5	24.2	24.2	24.2	22.6	22.9	23.6	23.6	23.6	21.5	21.9	22.6	22.6	22.6	20.3	20.6	21.3	21.3	21.3	19.2	19.5	20.2	20.2	20.5
	S/T	0.71	0.63	0.49	0.49	0.49	0.71	0.63	0.50	0.50	0.50	1.00	0.66	0.52	0.52	0.55	1.00	0.68	0.54	0.54	0.57	1.00	0.70	0.56	0.60	0.62	1.00	1.00	0.62	0.65	0.68
	ΔT	17.02	15.29	12.04	11.32	10.60	16.98	15.24	11.99	11.28	10.56	17.22	15.48	12.24	11.52	10.79	16.96	15.22	11.98	11.26	10.54	16.73	14.99	11.74	11.02	10.29	17.81	16.08	12.83	12.11	11.39
	Pr Suc	129.5	131.0	134.3	136.0	137.7	137.2	138.7	141.9	143.5	145.1	143.9	145.4	148.6	150.2	151.8	149.5	151.1	154.3	155.9	157.5	155.1	156.7	159.9	161.6	163.2	162.1	163.6	166.9	168.6	170.2
	Pr Dis	252.8	253.9	255.6	257.2	258.8	292.1	293.2	294.9	296.5	298.1	333.3	334.3	336.1	337.7	339.3	377.6	378.7	380.4	382.0	383.6	425.4	426.5	428.2	429.8	431.4	476.4	477.5	479.2	480.8	482.4
Amps	4.86	4.85	4.84	4.84	4.84	5.50	5.49	5.48	5.48	5.50	6.22	6.21	6.20	6.22	6.24	7.00	6.99	6.98	6.98	7.00	7.87	7.86	7.85	7.86	7.87	8.89	8.88	8.87	8.87	8.88	
Power	1.248	1.247	1.244	1.244	1.244	1.396	1.395	1.392	1.392	1.396	1.561	1.560	1.558	1.564	1.567	1.740	1.739	1.737	1.743	1.747	1.941	1.940	1.938	1.944	1.948	2.175	2.174	2.172	2.177	2.181	
<b>720</b>	MBh	22.9	23.2	23.9	24.1	24.1	22.7	23.0	23.7	23.9	23.9	22.1	22.4	23.1	23.3	23.3	21.0	21.4	22.0	22.3	22.3	19.8	20.1	20.8	21.0	21.0	18.6	19.0	19.6	19.6	19.9
	S/T	0.76	0.68	0.55	0.40	0.40	1.00	0.69	0.55	0.55	0.55	1.00	0.72	0.58	0.58	0.61	1.00	0.74	0.60	0.64	0.64	1.00	0.76	0.62	0.67	0.67	1.00	1.00	0.67	0.70	0.72
	ΔT	22.38	20.65	17.40	14.04	13.32	22.34	20.60	17.35	16.53	15.71	22.58	20.84	17.60	16.78	15.96	22.32	20.58	17.34	16.51	15.70	22.09	20.35	17.10	16.28	15.46	23.17	21.44	18.19	17.37	16.55
	Pr Suc	126.4	128.0	131.2	136.5	138.0	134.1	135.6	138.8	144.2	145.7	140.8	142.3	145.5	147.0	148.6	146.5	148.0	151.2	152.7	154.3	152.0	153.6	156.8	158.3	160.0	159.0	160.5	163.7	165.2	166.9
	Pr Dis	249.7	250.8	252.5	256.9	258.5	289.0	290.1	291.8	293.5	295.1	330.2	331.2	333.0	334.7	336.4	374.5	375.6	377.3	379.0	380.7	422.3	423.4	425.1	426.8	428.5	473.3	474.4	476.1	477.8	479.5
Amps	4.80	4.80	4.79	4.84	4.84	5.45	5.44	5.43	5.43	5.45	6.17	6.16	6.15	6.18	6.20	6.94	6.94	6.93	6.95	6.97	7.81	7.81	7.80	7.82	7.83	8.84	8.83	8.82	8.82	8.83	
Power	1.235	1.234	1.232	1.243	1.243	1.384	1.383	1.380	1.386	1.390	1.549	1.548	1.546	1.552	1.556	1.728	1.727	1.725	1.731	1.735	1.928	1.927	1.925	1.931	1.935	2.163	2.162	2.159	2.165	2.171	
<b>75</b>	MBh	23.1	23.4	24.1	24.1	24.1	22.9	23.2	23.9	24.2	24.2	22.3	22.6	23.3	23.3	23.3	21.3	21.6	22.3	22.6	22.6	20.0	20.3	21.0	21.0	21.3	18.9	19.2	19.9	19.9	20.2
	S/T	0.81	0.73	0.59	0.45	0.45	1.00	0.74	0.60	0.60	0.60	1.00	0.76	0.62	0.62	0.65	1.00	0.78	0.64	0.64	0.67	1.00	0.80	0.67	0.70	0.72	1.00	1.00	0.72	0.75	0.77
	ΔT	21.56	19.82	16.58	13.22	12.50	21.51	19.78	16.53	15.71	14.89	21.76	20.02	16.78	15.96	15.14	21.50	19.76	16.51	15.69	14.87	21.26	19.53	16.28	15.46	14.64	22.35	20.61	17.37	16.55	15.73
	Pr Suc	127.9	129.5	132.7	138.0	139.6	135.6	137.1	140.3	145.7	147.2	142.3	143.8	147.0	148.6	150.2	148.0	149.5	152.7	154.3	155.9	153.5	155.1	158.3	160.0	161.6	160.5	162.0	165.2	166.9	168.6
	Pr Dis	251.4	252.5	254.2	258.5	260.2	290.7	291.8	293.5	295.1	296.7	331.8	332.9	334.7	336.4	338.0	376.2	377.3	379.0	380.7	382.3	424.0	425.1	426.8	428.5	430.1	475.0	476.1	477.8	479.5	481.2
Amps	4.83	4.82	4.81	4.86	4.86	5.47	5.47	5.46	5.46	5.48	6.19	6.19	6.18	6.20	6.22	6.97	6.97	6.95	6.97	6.99	7.84	7.84	7.82	7.84	7.85	8.86	8.86	8.85	8.85	8.89	
Power	1.242	1.240	1.238	1.249	1.249	1.390	1.389	1.386	1.392	1.396	1.555	1.554	1.552	1.558	1.562	1.734	1.733	1.731	1.737	1.741	1.934	1.933	1.931	1.937	1.941	2.169	2.168	2.165	2.171	2.175	
<b>880</b>	MBh	23.4	23.7	24.4	24.4	24.4	23.2	23.5	24.2	24.2	24.2	22.6	22.9	23.6	23.6	23.6	21.6	21.9	22.6	22.6	22.6	20.3	20.6	21.3	21.3	21.3	19.2	19.5	20.2	20.2	20.5
	S/T	0.84	0.76	0.62	0.48	0.48	1.00	0.77	0.63	0.63	0.63	1.00	0.79	0.65	0.65	0.68	1.00	0.81	0.67	0.67	0.70	1.00	0.83	0.70	0.73	0.75	1.00	1.00	0.75	0.78	0.80
	ΔT	20.85	19.11	15.86	12.50	11.78	20.80	19.06	15.82	15.00	14.18	21.04	19.30	16.06	15.24	14.42	20.78	19.04	15.80	15.00	14.18	20.55	18.81	15.57	14.75	13.93	21.64	19.90	16.65	15.83	15.01
	Pr Suc	129.5	131.1	134.3	139.6	141.2	137.2	138.7	141.9	147.3	148.8	143.9	145.4	148.6																	



EXPANDED COOLING DATA — DZ18VCO241A\* / DV37PECC14A\* (LOW STAGE)

IDB# AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
560	MBh	16.4	16.7	17.2	17.7	18.2	16.3	16.5	17.0	17.5	18.0	15.9	16.1	16.6	17.1	17.6	15.1	15.4	15.8	16.3	16.8	14.2	14.5	14.9	15.4	15.9	13.4	13.6	14.1	14.6	15.1
	S/T	0.65	0.57	0.43	0.31	0.21	0.66	0.58	0.43	0.31	0.21	1.00	0.60	0.46	0.31	0.21	1.00	0.62	0.48	0.31	0.21	1.00	0.65	0.50	0.31	0.21	1.00	1.00	0.56	0.31	0.21
	ΔT	17.89	16.21	13.08	10.41	7.74	17.84	16.16	13.03	10.36	7.69	18.08	16.40	13.27	10.60	7.91	17.82	16.15	13.01	10.32	7.65	17.60	15.92	12.79	10.00	7.33	18.65	16.97	13.84	11.11	8.44
	Pr Suc	130.0	131.6	134.9	138.2	141.5	137.8	139.4	142.7	146.0	149.3	144.7	146.3	149.6	152.9	156.2	150.6	152.2	155.5	158.8	162.1	156.3	157.9	161.2	164.5	167.8	163.5	165.1	168.4	171.7	175.0
	Pr Dis	238.6	239.6	241.3	243.0	244.7	276.1	277.2	278.8	280.4	282.0	315.5	316.5	318.2	319.7	321.3	357.9	358.9	360.6	362.1	363.6	403.6	404.6	406.3	407.8	409.3	452.3	453.4	456.6	459.9	463.2
Amps	3.02	3.02	3.01	3.01	3.01	3.43	3.43	3.42	3.42	3.42	3.88	3.88	3.87	3.87	3.87	4.37	4.37	4.36	4.36	4.36	4.92	4.92	4.91	4.91	4.91	5.56	5.56	5.55	5.55	5.55	
Power	778	777	776	775	774	871	870	869	868	867	975	974	973	972	971	1088	1087	1085	1084	1083	1214	1213	1211	1210	1209	1361	1361	1359	1358	1357	
70	MBh	16.6	16.8	17.3	17.8	18.3	16.5	16.7	17.2	17.7	18.2	16.0	16.3	16.7	17.1	17.6	15.3	15.5	16.0	16.5	17.0	14.4	14.6	15.1	15.6	16.1	13.6	13.8	14.3	14.8	15.3
	S/T	0.69	0.62	0.47	0.31	0.21	0.70	0.62	0.48	0.31	0.21	1.00	0.65	0.51	0.31	0.21	1.00	0.67	0.53	0.31	0.21	1.00	0.69	0.55	0.31	0.21	1.00	1.00	0.60	0.31	0.21
	ΔT	17.12	15.44	12.31	9.64	6.97	17.07	15.40	12.27	9.60	6.93	17.31	15.63	12.50	9.83	7.16	17.06	15.38	12.25	9.58	6.91	16.83	15.16	12.02	9.35	6.68	17.88	16.21	13.07	9.94	7.27
	Pr Suc	131.4	133.0	136.3	139.6	142.9	139.3	140.9	144.2	147.5	150.8	146.2	147.8	151.1	154.4	157.7	152.1	153.7	157.0	160.3	163.6	157.8	159.4	162.7	166.0	169.3	165.0	166.6	169.9	173.2	176.5
	Pr Dis	240.1	241.1	242.8	244.3	245.8	277.7	278.7	280.4	282.0	283.5	317.0	318.1	319.7	321.3	322.8	359.4	360.4	362.1	363.6	365.1	405.1	406.1	407.8	409.3	410.8	453.9	454.9	456.6	459.9	463.2
Amps	3.04	3.04	3.03	3.03	3.03	3.45	3.44	3.43	3.43	3.43	3.90	3.89	3.89	3.89	3.89	4.39	4.38	4.38	4.38	4.38	4.93	4.93	4.92	4.92	4.92	5.58	5.57	5.57	5.57	5.57	
Power	782	781	779	778	777	875	874	872	871	870	979	978	977	976	975	1091	1091	1089	1088	1087	1217	1217	1215	1214	1213	1365	1364	1363	1362	1361	
680	MBh	16.8	17.0	17.5	18.0	18.5	16.7	16.9	17.4	17.9	18.4	16.2	16.5	16.9	17.3	17.7	15.5	15.7	16.2	16.7	17.2	14.6	14.8	15.3	15.8	16.3	13.8	14.0	14.5	15.0	15.5
	S/T	0.72	0.64	0.50	0.31	0.21	0.73	0.65	0.51	0.31	0.21	1.00	0.68	0.54	0.31	0.21	1.00	0.70	0.56	0.31	0.21	1.00	0.72	0.58	0.31	0.21	1.00	1.00	0.63	0.31	0.21
	ΔT	16.45	14.77	11.64	8.97	6.30	16.40	14.73	11.60	8.93	6.26	16.64	14.96	11.83	9.16	6.49	16.39	14.71	11.58	8.91	6.24	16.16	14.49	11.35	8.62	5.95	17.21	15.54	12.40	9.73	7.06
	Pr Suc	133.1	134.7	138.0	141.3	144.6	140.9	142.5	145.8	149.1	152.4	147.8	149.4	152.7	156.0	159.3	153.7	155.3	158.6	161.9	165.2	159.4	161.0	164.3	167.6	170.9	166.6	168.2	171.5	174.8	178.1
	Pr Dis	241.6	242.7	244.3	245.8	247.3	279.2	280.2	281.9	283.4	284.9	318.6	319.6	321.3	322.8	324.3	360.9	362.0	363.6	365.1	366.6	406.6	407.7	409.3	410.8	412.3	455.4	456.4	458.1	459.6	461.1
Amps	3.05	3.05	3.04	3.04	3.04	3.46	3.46	3.45	3.45	3.45	3.91	3.91	3.90	3.90	3.90	4.40	4.40	4.39	4.39	4.39	4.95	4.95	4.94	4.94	4.94	5.59	5.59	5.58	5.58	5.58	
Power	785	784	782	781	780	878	877	876	875	874	982	981	980	979	978	1095	1094	1092	1091	1090	1221	1220	1218	1217	1216	1368	1367	1366	1365	1364	
560	MBh	16.4	16.7	17.2	17.7	18.2	16.3	16.5	17.0	17.5	18.0	15.9	16.1	16.6	17.1	17.6	15.1	15.4	15.9	16.4	16.9	14.2	14.5	15.0	15.5	16.0	13.4	13.6	14.1	14.6	15.1
	S/T	0.78	0.70	0.56	0.41	0.26	1.00	0.74	0.60	0.45	0.30	1.00	0.74	0.60	0.45	0.30	1.00	0.76	0.62	0.47	0.32	1.00	1.00	0.68	0.49	0.34	1.00	1.00	0.69	0.49	0.34
	ΔT	21.57	19.90	16.77	13.52	10.27	21.53	19.85	16.72	13.48	10.23	21.76	20.09	16.95	13.71	10.46	21.51	19.83	16.70	13.46	10.21	21.29	19.61	16.48	13.23	9.98	22.34	20.66	17.53	14.28	11.03
	Pr Suc	130.0	131.6	134.9	138.2	141.5	137.8	139.4	142.7	146.0	149.3	144.8	146.4	149.7	153.0	156.3	150.6	152.2	155.5	158.8	162.1	156.3	157.9	161.2	164.5	167.8	163.5	165.1	168.4	171.7	175.0
	Pr Dis	238.8	239.8	241.5	243.0	244.7	276.3	277.4	279.0	280.6	282.1	315.7	316.7	318.4	319.9	321.4	358.1	359.1	360.8	362.3	363.8	403.8	404.8	406.5	408.0	409.5	452.5	453.6	455.2	456.7	458.2
Amps	3.02	3.02	3.01	3.01	3.01	3.43	3.42	3.42	3.42	3.42	3.88	3.88	3.87	3.87	3.87	4.37	4.37	4.36	4.36	4.36	4.92	4.92	4.91	4.91	4.91	5.56	5.55	5.55	5.55	5.55	
Power	777	777	775	774	773	870	870	868	868	868	975	974	972	972	972	1087	1086	1085	1084	1083	1213	1212	1211	1210	1209	1361	1360	1358	1357	1356	
75	MBh	16.6	16.8	17.3	17.8	18.3	16.5	16.7	17.2	17.7	18.2	16.0	16.3	16.8	17.3	17.8	15.3	15.5	16.0	16.5	17.0	14.4	14.6	15.1	15.6	16.1	13.6	13.8	14.3	14.8	15.3
	S/T	0.83	0.75	0.61	0.46	0.31	1.00	0.76	0.61	0.47	0.32	1.00	0.78	0.64	0.49	0.34	1.00	0.80	0.66	0.51	0.36	1.00	1.00	0.68	0.54	0.39	1.00	1.00	0.74	0.59	0.44
	ΔT	20.81	19.13	16.00	12.75	9.50	20.76	19.08	15.95	12.71	9.46	21.00	19.32	16.19	12.95	9.70	20.74	19.07	15.94	12.69	9.44	20.52	18.84	15.71	12.47	9.22	21.57	19.89	16.76	13.52	10.28
	Pr Suc	131.5	133.1	136.4	140.0	143.5	139.4	141.0	144.3	147.8	151.3	146.3	147.9	151.2	154.5	157.8	152.1	153.7	157.0	160.3	163.6	157.8	159.4	162.7	166.0	169.3	165.0	166.6	169.9	173.2	176.5
	Pr Dis	240.3	241.3	243.0	244.3	245.8	277.9	278.9	280.6	282.1	283.6	317.2	318.3	320.0	321.5	323.0	359.6	360.6	362.3	363.8	365.3	405.3	406.4	408.0	409.5	411.0	454.1	455.1	456.8	458.3	460.9
Amps	3.04	3.03	3.03	3.03	3.03	3.44	3.44	3.43	3.43	3.43	3.89	3.89	3.88	3.88	3.88	4.38	4.38	4.37	4.37	4.37	4.93	4.93	4.92	4.92	4.92	5.57	5.57	5.56	5.56	5.56	
Power	781	780	779	778	777	874	873	872	871	870	978	978	976	976	976	1091	1090	1089	1088	1087	1217	1216	1214	1213	1212	1364	1364	1362	1361	1360	
680	MBh	16.8	17.0	17.5	18.0	18.5	16.7	16.9	17.4	17.9	18.4	16.2	16.5	16.9	17.3	17.7	15.5	15.7	16.2	16.7	17.2	14.6	14.8	15.3	15.8	16.3	13.8	14.0	14.5	15.0	15.5
	S/T	0.86	0.78	0.64	0.49	0.34	1.00	0.79	0.64	0.50	0.35	1.00	0.81	0.67	0.52	0.37	1.00	0.83	0.69	0.54	0.39	1.00	1.00	0.71	0.56	0.41	1.00	1.00	0.77	0.62	0.47
	ΔT	20.14	18.46	15.33	12.08	8.83	20.09	18.41	15.28	12.03	8.78	20.33	18.65	15.52	12.27	9.06	20.07	18.40	15.27	12.02	8.81	19.85	18.17	15.04	11.80	8.67	20.90	19.22	16.09	12.85	9.61
	Pr Suc	133.1	134.7	138.0	141.3	144.6	140.9	142.5	145.8	149.1	152.4	147.9	149.5	152.8	156.1	159.4	153.7	155.3	158.6	161.9	165.2	159.4	161.0	164.3	167.6	170.9	166.6	168.2	171.5	174.8	178.1
	Pr Dis	241.8	242.9	244.5	246.0	247.5	279.4	280.4	282.1	283.6	285.1																				

EXPANDED COOLING DATA — DZ18VC0241A\* / DV37PECC14A\* (LOW STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		ID WB	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																													
560	MBh	16.5	16.8	17.2	---	16.4	16.6	17.1	---	16.0	16.2	16.7	---	15.2	15.4	15.9	---	14.3	14.5	15.0	---	13.5	13.7	14.2	---						
	S/T	1.00	0.83	0.69	0.54	1.00	0.84	0.70	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.67							
	ΔT	25.29	23.61	20.48	17.23	25.24	23.56	20.43	17.19	25.48	23.80	20.67	17.42	25.22	23.55	20.41	17.17	25.00	23.32	20.19	16.95	26.05	24.37	21.24	18.00						
	Pr Suc	130.6	132.2	135.5	141.0	138.4	140.0	143.3	148.9	145.3	146.9	150.2	155.8	151.2	152.8	156.1	161.6	156.9	158.5	161.8	167.3	164.1	165.7	169.0	174.5						
	Power	778	777	775	783	787	780	869	876	875	974	973	980	1088	1087	1085	1093	1214	1213	1211	1218	1361	1360	1359	1366						
80	MBh	16.7	16.9	17.4	---	16.5	16.8	17.3	---	16.1	16.4	16.8	---	15.4	15.6	16.1	---	14.5	14.7	15.2	---	13.7	13.9	14.4	---						
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.82	0.67	1.00	1.00	0.72							
	ΔT	24.52	22.84	19.71	16.47	24.47	22.80	19.67	16.42	24.71	23.03	19.90	16.66	24.46	22.78	19.65	16.40	24.23	22.56	19.42	16.18	25.28	23.61	20.47	17.23						
	Pr Suc	132.0	133.6	136.9	142.5	139.9	141.5	144.8	150.3	146.8	148.4	151.7	157.2	152.7	154.3	157.57	163.1	158.4	160.0	163.3	168.8	165.6	167.2	170.5	176.0						
	Power	781	781	779	786	785	874	872	879	978	978	976	984	1091	1091	1089	1096	1217	1216	1215	1222	1365	1364	1363	1370						
680	MBh	16.9	17.1	17.6	---	16.7	17.0	17.5	---	16.3	16.5	17.0	---	15.6	15.8	16.3	---	14.7	14.9	15.4	---	13.9	14.1	14.6	---						
	S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.75							
	ΔT	23.85	22.17	19.04	15.80	23.80	22.13	19.00	15.75	24.04	22.36	19.23	15.99	23.79	22.11	18.98	15.73	23.56	21.88	18.75	15.51	24.61	22.93	19.80	16.56						
	Pr Suc	133.7	135.3	138.6	144.1	141.5	143.1	146.4	152.0	148.4	150.0	153.3	158.9	154.3	155.9	159.2	164.7	160.0	161.6	164.9	170.4	167.2	168.8	172.1	177.6						
	Power	785	784	782	789	788	875	874	879	978	978	976	984	1091	1091	1089	1096	1217	1216	1215	1222	1365	1364	1363	1370						

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		ID WB	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																													
560	MBh	16.8	17.0	17.5	---	16.7	16.9	17.4	---	16.4	16.6	17.1	---	15.5	15.7	16.2	---	14.6	14.8	15.3	---	13.8	14.0	14.5	---						
	S/T	1.00	0.94	0.80	0.65	1.00	0.86	0.72	0.57	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.78							
	ΔT	28.58	26.90	23.77	20.53	28.53	26.86	23.72	20.48	28.77	27.09	23.96	20.72	28.51	26.84	23.71	20.46	28.29	26.61	23.48	20.24	29.34	27.66	24.53	21.29						
	Pr Suc	132.5	134.1	137.4	142.9	140.4	142.0	145.3	150.8	147.3	148.9	152.2	157.7	153.1	154.7	158.0	163.5	158.9	160.5	163.7	169.3	166.0	167.6	170.9	176.4						
	Power	780	779	777	784	783	873	872	878	977	976	975	982	1089	1089	1087	1094	1215	1215	1213	1220	1363	1362	1361	1368						
620	MBh	17.0	17.2	17.7	---	16.8	17.1	17.5	---	16.4	16.6	17.1	---	15.7	15.9	16.4	---	14.8	15.0	15.5	---	13.9	14.2	14.7	---						
	S/T	1.00	1.00	0.84	0.70	1.00	0.85	0.70	0.55	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.90	0.77	1.00	1.00	0.83							
	ΔT	27.81	26.14	23.00	19.76	27.77	26.09	22.96	19.71	28.00	26.32	23.19	19.95	27.75	26.07	22.94	19.70	27.52	25.85	22.72	19.47	28.57	26.90	23.77	20.52						
	Pr Suc	134.0	135.6	138.9	144.4	141.9	143.5	146.8	152.3	148.8	150.4	153.7	159.2	154.6	156.2	159.5	165.0	160.3	161.9	165.2	170.8	167.5	169.1	172.4	177.9						
	Power	783	782	781	788	786	876	876	874	977	976	975	982	1089	1092	1091	1098	1219	1218	1217	1224	1367	1366	1364	1371						
680	MBh	17.2	17.4	17.9	---	17.0	17.3	17.7	---	16.6	16.8	17.3	---	15.9	16.1	16.6	---	15.0	15.2	15.7	---	14.1	14.4	14.9	---						
	S/T	1.00	1.00	0.87	0.73	1.00	0.88	0.73	0.58	1.00	1.00	0.91	0.76	1.00	1.00	0.90	0.78	1.00	1.00	0.80	0.80	1.00	1.00	0.85							
	ΔT	27.14	25.46	22.33	19.09	27.10	25.42	22.29	19.04	27.33	25.65	22.52	19.28	27.08	25.40	22.27	19.03	26.85	25.18	22.05	18.80	27.90	26.23	23.10	19.85						
	Pr Suc	135.6	137.2	140.5	146.0	143.5	145.1	148.4	153.9	150.4	152.0	155.3	160.8	156.2	157.8	161.1	166.6	161.9	163.5	166.8	172.4	169.1	170.7	174.0	179.5						
	Power	786	786	784	791	788	876	876	874	977	976	975	982	1089	1096	1094	1101	1222	1221	1220	1227	1370	1369	1368	1375						

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions.  
 kW = Total system power  
 Amps = outdoor unit amps

EXPANDED COOLING DATA — DZ18VC0361A\* / DV59PECD14A\* (HIGH STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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<b>70</b>	MBh	34.3	34.7	35.8	36.1	36.6	37.1	37.4	37.8	38.1	38.4	38.8	39.1	39.4	39.7	40.0	40.3	40.6	40.9	41.2	41.5	41.8	42.1	42.4	42.7	43.0	43.3	43.6	43.9	44.2	44.5	44.8	45.1	45.4	45.7	46.0	46.3	46.6	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6	58.9	59.2	59.5	59.8	60.1	60.4	60.7	61.0	61.3	61.6	61.9	62.2	62.5	62.8	63.1	63.4	63.7	64.0	64.3	64.6	64.9	65.2	65.5	65.8	66.1	66.4	66.7	67.0	67.3	67.6	67.9	68.2	68.5	68.8	69.1	69.4	69.7	70.0	70.3	70.6	70.9	71.2	71.5	71.8	72.1	72.4	72.7	73.0	73.3	73.6	73.9	74.2	74.5	74.8	75.1	75.4	75.7	76.0	76.3	76.6	76.9	77.2	77.5	77.8	78.1	78.4	78.7	79.0	79.3	79.6	79.9	80.2	80.5	80.8	81.1	81.4	81.7	82.0	82.3	82.6	82.9	83.2	83.5	83.8	84.1	84.4	84.7	85.0	85.3	85.6	85.9	86.2	86.5	86.8	87.1	87.4	87.7	88.0	88.3	88.6	88.9	89.2	89.5	89.8	90.1	90.4	90.7	91.0	91.3	91.6	91.9	92.2	92.5	92.8	93.1	93.4	93.7	94.0	94.3	94.6	94.9	95.2	95.5	95.8	96.1	96.4	96.7	97.0	97.3	97.6	97.9	98.2	98.5	98.8	99.1	99.4	99.7	100.0	100.3	100.6	100.9	101.2	101.5	101.8	102.1	102.4	102.7	103.0	103.3	103.6	103.9	104.2	104.5	104.8	105.1	105.4	105.7	106.0	106.3	106.6	106.9	107.2	107.5	107.8	108.1	108.4	108.7	109.0	109.3	109.6	109.9	110.2	110.5	110.8	111.1	111.4	111.7	112.0	112.3	112.6	112.9	113.2	113.5	113.8	114.1	114.4	114.7	115.0	115.3	115.6	115.9	116.2	116.5	116.8	117.1	117.4	117.7	118.0	118.3	118.6	118.9	119.2	119.5	119.8	120.1	120.4	120.7	121.0	121.3	121.6	121.9	122.2	122.5	122.8	123.1	123.4	123.7	124.0	124.3	124.6	124.9	125.2	125.5	125.8	126.1	126.4	126.7	127.0	127.3	127.6	127.9	128.2	128.5	128.8	129.1	129.4	129.7	130.0	130.3	130.6	130.9	131.2	131.5	131.8	132.1	132.4	132.7	133.0	133.3	133.6	133.9	134.2	134.5	134.8	135.1	135.4	135.7	136.0	136.3	136.6	136.9	137.2	137.5	137.8	138.1	138.4	138.7	139.0	139.3	139.6	139.9	140.2	140.5	140.8	141.1	141.4	141.7	142.0	142.3	142.6	142.9	143.2	143.5	143.8	144.1	144.4	144.7	145.0	145.3	145.6	145.9	146.2	146.5	146.8	147.1	147.4	147.7	148.0	148.3	148.6	148.9	149.2	149.5	149.8	150.1	150.4	150.7	151.0	151.3	151.6	151.9	152.2	152.5	152.8	153.1	153.4	153.7	154.0	154.3	154.6	154.9	155.2	155.5	155.8	156.1	156.4	156.7	157.0	157.3	157.6	157.9	158.2	158.5	158.8	159.1	159.4	159.7	160.0	160.3	160.6	160.9	161.2	161.5	161.8	162.1	162.4	162.7	163.0	163.3	163.6	163.9	164.2	164.5	164.8	165.1	165.4	165.7	166.0	166.3	166.6	166.9	167.2	167.5	167.8	168.1	168.4	168.7	169.0	169.3	169.6	169.9	170.2	170.5	170.8	171.1	171.4	171.7	172.0	172.3	172.6	172.9	173.2	173.5	173.8	174.1	174.4	174.7	175.0	175.3	175.6	175.9	176.2	176.5	176.8	177.1	177.4	177.7	178.0	178.3	178.6	178.9	179.2	179.5	179.8	180.1	180.4	180.7	181.0	181.3	181.6	181.9	182.2	182.5	182.8	183.1	183.4	183.7	184.0	184.3	184.6	184.9	185.2	185.5	185.8	186.1	186.4	186.7	187.0	187.3	187.6	187.9	188.2	188.5	188.8	189.1	189.4	189.7	190.0	190.3	190.6	190.9	191.2	191.5	191.8	192.1	192.4	192.7	193.0	193.3	193.6	193.9	194.2	194.5	194.8	195.1	195.4	195.7	196.0	196.3	196.6	196.9	197.2	197.5	197.8	198.1	198.4	198.7	199.0	199.3	199.6	199.9	200.2	200.5	200.8	201.1	201.4	201.7	202.0	202.3	202.6	202.9	203.2	203.5	203.8	204.1	204.4	204.7	205.0	205.3	205.6	205.9	206.2	206.5	206.8	207.1	207.4	207.7	208.0	208.3	208.6	208.9	209.2	209.5	209.8	210.1	210.4	210.7	211.0	211.3	211.6	211.9	212.2	212.5	212.8	213.1	213.4	213.7	214.0	214.3	214.6	214.9	215.2	215.5	215.8	216.1	216.4	216.7	217.0	217.3	217.6	217.9	218.2	218.5	218.8	219.1	219.4	219.7	220.0	220.3	220.6	220.9	221.2	221.5	221.8	222.1	222.4	222.7	223.0	223.3	223.6	223.9	224.2	224.5	224.8	225.1	225.4	225.7	226.0	226.3	226.6	226.9	227.2	227.5	227.8	228.1	228.4	228.7	229.0	229.3	229.6	229.9	230.2	230.5	230.8	231.1	231.4	231.7	232.0	232.3	232.6	232.9	233.2	233.5	233.8	234.1	234.4	234.7	235.0	235.3	235.6	235.9	236.2	236.5	236.8	237.1	237.4	237.7	238.0	238.3	238.6	238.9	239.2	239.5	239.8	240.1	240.4	240.7	241.0	241.3	241.6	241.9	242.2	242.5	242.8	243.1	243.4	243.7	244.0	244.3	244.6	244.9	245.2	245.5	245.8	246.1	246.4	246.7	247.0	247.3	247.6	247.9	248.2	248.5	248.8	249.1	249.4	249.7	250.0	250.3	250.6	250.9	251.2	251.5	251.8	252.1	252.4	252.7	253.0	253.3	253.6	253.9	254.2	254.5	254.8	255.1	255.4	255.7	256.0	256.3	256.6	256.9	257.2	257.5	257.8	258.1	258.4	258.7	259.0	259.3	259.6	259.9	260.2	260.5	260.8	261.1	261.4	261.7	262.0	262.3	262.6	262.9	263.2	263.5	263.8	264.1	264.4	264.7	265.0	265.3	265.6	265.9	266.2	266.5	266.8	267.1	267.4	267.7	268.0	268.3	268.6	268.9	269.2	269.5	269.8	270.1	270.4	270.7	271.0	271.3	271.6	271.9	272.2	272.5	272.8	273.1	273.4	273.7	274.0	274.3	274.6	274.9	275.2	275.5	275.8	276.1	276.4	276.7	277.0	277.3	277.6	277.9	278.2	278.5	278.8	279.1	279.4	279.7	280.0	280.3	280.6	280.9	281.2	281.5	281.8	282.1	282.4	282.7	283.0	283.3	283.6	283.9	284.2	284.5	284.8	285.1	285.4	285.7	286.0	286.3	286.6	286.9	287.2	287.5	287.8	288.1	288.4	288.7	289.0	289.3	289.6	289.9	290.2	290.5	290.8	291.1	291.4	291.7	292.0	292.3	292.6	292.9	293.2	293.5	293.8	294.1	294.4	294.7	295.0	295.3	295.6	295.9	296.2	296.5	296.8	297.1	297.4	297.7	298.0	298.3	298.6	298.9	299.2	299.5	299.8	300.1	300.4	300.7	301.0	301.3	301.6	301.9	302.2	302.5	302.8	303.1	303.4	303.7	304.0	304.3	304.6	304.9	305.2	305.5	305.8	306.1	306.4	306.7	307.0	307.3	307.6	307.9	308.2	308.5	308.8	309.1	309.4	309.7	310.0	310.3	310.6	310.9	311.2	311.5	311.8	312.1	312.4	312.7	313.0	313.3	313.6	313.9	314.2	314.5	314.8	315.1	315.4	315.7	316.0	316.3	316.6	316.9	317.2	317.5	317.8	318.1	318.4	318.7	319.0	319.3	319.6	319.9	320.2	320.5	320.8	321.1	321.4	321.7	322.0	322.3	322.6	322.9	323.2	323.5	323.8	324.1	324.4	324.7	325.0	325.3	325.6	325.9	326.2	326.5	326.8	327.1	327.4	327.7	328.0	328.3	328.6	328.9	329.2	329.5	329.8	330.1	330.4	330.7	331.0	331.3	331.6	331.9	332.2	332.5	332.8	333.1	333.4	333.7	334.0	334.3	334.6	334.9	335.2	335.5	335.8	336.1	336.4	336.7	337.0	337.3	337.6	337.9	338.2	338.5	338.8	339.1	339.4	339.7	340.0	340.3	340.6	340.9	341.2	341.5	341.8	342.1	342.4	342.7	343.0	343.3	343.6	343.9	344.2	344.5	344.8	345.1	345.4	345.7	346.0	346.3	346.6	346.9	347.2	347.5	347.8	348.1	348.4	348.7	349.0	349.3	349.6	349.9	350.2	350.5	350.8	351.1	351.4	351.7	352.0	352.3	352.6	352.9	353.2	353.5	353.8	354.1	354.4	354.7	355.0	355.3	355.6	355.9	356.2	356.5	356.8	357.1	357.4	357.7	358.0	358.3	358.6	358.9	359.2	359.5	359.8	360.1	360.4	360.7	361.0	361.3	361.6	361.9	362.2	362.5	362.8	363.1	363.4	363.7	364.0	364.3	364.6	364.9	365.2	365.5	365.8	366.1	366.4	366.7	367.0	367.3	367.6	367.9	368.2	368.5	368.8	369.1	369.4	369.7	370.0	370.3	370.6	370.9	371.2	371.5	371.8	372.1	372.4	372.7	373.0	373.3	373.6	373.9	374.2	374.5	374.8	375.1	375.4	375.7	376.0	376.3	376.6	376.9	377.2	377.5	377.8	378.1	378.4	378.7	379.0	379.3	379.6	379.9	380.2	380.5	380.8	381.1	381.4	381.7	382.0	382.3	382.6	382.9	383.2	383.5	383.8	384.1	384.4	384.7	385.0	385.3	385.6	385.9	386.2	386.5	386.8	387.1	387.4	387.7	388.0	388.3	388.6	388.9	389.2	389.5	389.8	390.1	390.4	390.7	391.0	391.3	391.6	391.9	392.2	392.5	392.8	393.1	393.4	393.7	394.0	394.3	394.6	394.9	395.2	395.5	395.8	396.1	396.4	396.7	397.0	397.3	397.6	397.9	398.2	398.5</



EXPANDED COOLING DATA — DZ18VC0361A\* / DV59PECD14A\* (HIGH STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																			
		65					75					85					95					105					115																																																																																																																																																									
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																																																																																																																																																					
1130	MBh	34.5	34.9	36.0	---	34.1	34.6	35.7	---	33.3	33.7	34.8	---	31.7	32.2	33.2	---	29.8	30.3	31.3	---	28.1	28.6	29.6	---	MBh	34.8	35.3	36.3	---	34.5	35.0	36.0	---	33.6	34.1	35.1	---	32.1	32.6	<b>33.6</b>	---	30.2	30.7	31.7	---	28.5	29.0	30.0	---	S/T	1.00	0.86	0.71	0.56	1.00	0.89	0.75	0.59	1.00	0.94	0.80	0.64	1.00	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.90	0.74	1.00	1.00	0.79	0.64	1.00	0.85	0.69	ΔT	25.97	24.26	21.05	17.72	25.93	24.21	21.00	17.67	25.91	24.19	20.98	17.66	25.68	23.96	20.75	17.43	26.76	25.04	21.83	18.50	Pr Suc	125.1	126.6	129.8	135.0	132.6	134.2	137.3	142.6	139.2	140.8	143.9	149.2	144.8	146.4	149.5	154.8	150.3	151.9	155.0	160.3	167.2	Amps	7.90	7.89	7.87	7.96	9.05	9.04	9.02	9.11	10.34	10.33	10.31	10.40	11.73	11.72	11.70	11.79	13.29	13.28	13.26	13.35	15.11	15.10	15.08	15.17	Power	2,034	2,032	2,028	2,048	2,299	2,297	2,293	2,313	2,595	2,593	2,589	2,609	2,915	2,913	2,909	2,929	3,273	3,271	3,267	3,287	3,693	3,691	3,686	3,707				
80	MBh	34.8	35.3	36.3	---	34.5	35.0	36.0	---	33.6	34.1	35.1	---	32.1	32.6	<b>33.6</b>	---	30.2	30.7	31.7	---	28.5	29.0	30.0	---	MBh	34.8	35.3	36.3	---	34.5	35.0	36.0	---	33.6	34.1	35.1	---	32.1	32.6	<b>33.6</b>	---	30.2	30.7	31.7	---	28.5	29.0	30.0	---	S/T	1.00	0.91	0.76	0.61	1.00	0.92	0.77	0.62	1.00	0.94	0.80	0.64	1.00	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.90	0.74	1.00	1.00	0.79	0.64	1.00	0.85	0.69	ΔT	25.13	23.41	20.20	16.88	25.09	23.37	20.16	16.83	25.33	23.61	20.40	17.07	25.07	23.35	<b>20.14</b>	16.81	24.84	23.12	19.91	16.59	25.92	24.20	20.99	17.66	Pr Suc	126.6	128.1	131.3	136.6	134.1	135.7	138.8	144.1	140.8	142.3	145.4	150.7	146.3	147.9	<b>151.04</b>	156.3	151.8	153.4	156.5	161.8	168.7	Amps	7.95	7.94	7.92	8.01	9.10	9.09	9.07	9.16	10.39	10.38	10.36	10.45	11.78	11.77	<b>11.75</b>	11.84	13.34	13.33	13.31	13.40	15.16	15.15	15.13	15.22	Power	2,045	2,043	2,039	2,059	2,310	2,308	2,304	2,324	2,606	2,604	2,600	2,620	2,927	2,924	<b>2,920</b>	2,940	3,284	3,282	3,278	3,298	3,704	3,702	3,697	3,718
1390	MBh	35.3	35.8	36.8	---	35.0	35.4	36.5	---	34.1	34.6	35.6	---	32.5	33.0	34.0	---	30.7	31.1	32.2	---	28.9	29.4	30.4	---	MBh	35.3	35.8	36.8	---	35.0	35.4	36.5	---	34.1	34.6	35.6	---	32.5	33.0	34.0	---	30.7	31.1	32.2	---	28.9	29.4	30.4	---	S/T	1.00	0.94	0.79	0.64	1.00	0.95	0.80	0.65	1.00	0.97	0.83	0.67	1.00	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.93	0.77	1.00	1.00	0.79	0.64	1.00	0.85	0.77	ΔT	24.40	22.68	19.47	16.15	24.36	22.64	19.43	16.10	24.60	22.88	19.67	16.34	24.34	22.62	19.41	16.08	24.11	22.39	19.18	15.86	25.18	23.47	20.26	16.93	Pr Suc	128.2	129.8	132.9	138.2	135.8	137.3	140.5	145.8	142.4	143.9	147.1	152.4	148.0	149.5	152.7	158.0	153.5	155.0	158.2	163.5	170.3	Amps	7.99	7.98	7.96	8.05	9.14	9.13	9.12	9.20	10.43	10.42	10.40	10.49	11.82	11.81	11.79	11.88	13.38	13.37	13.35	13.44	15.20	15.19	15.17	15.26	Power	2,055	2,053	2,048	2,069	2,320	2,318	2,313	2,334	2,616	2,614	2,609	2,630	2,936	2,934	2,930	2,950	3,294	3,292	3,287	3,308	3,714	3,712	3,707	3,727

1130	MBh	35.0	35.5	36.5	---	34.7	35.2	36.2	---	33.8	34.3	35.3	---	32.3	32.8	33.8	---	30.4	30.9	31.9	---	28.7	29.2	30.2	---	MBh	35.4	35.9	36.9	---	35.1	35.6	36.6	---	34.2	34.7	35.7	---	32.7	33.2	34.2	---	30.8	31.3	32.3	---	29.1	29.6	30.6	---	S/T	1.00	0.97	0.82	0.67	1.00	0.90	0.75	0.60	1.00	0.91	0.76	0.59	1.00	1.00	1.00	0.88	0.72	1.00	1.00	0.80	0.75	1.00	1.00	0.80	0.80	ΔT	29.35	27.63	24.42	21.10	29.30	27.58	24.37	21.05	29.54	27.83	24.62	21.29	29.28	27.57	24.36	21.03	29.06	27.34	24.13	20.80	30.13	28.41	25.20	21.88	Pr Suc	126.9	128.5	131.6	136.9	134.5	136.0	139.2	144.5	141.1	142.6	145.8	151.1	146.7	148.2	151.4	156.7	152.2	153.7	156.9	162.2	169.0	Amps	7.92	7.91	7.89	7.98	9.08	9.07	9.05	9.14	10.36	10.35	10.33	10.42	11.75	11.75	11.73	11.81	13.31	13.30	13.28	13.37	15.13	15.13	15.11	15.19	Power	2,039	2,037	2,033	2,053	2,304	2,302	2,298	2,318	2,600	2,598	2,594	2,614	2,920	2,918	2,914	2,934	3,278	3,276	3,272	3,292	3,698	3,696	3,691	3,712
85	MBh	35.8	36.3	37.3	---	35.5	36.0	37.0	---	34.6	35.1	36.1	---	33.1	33.6	34.6	---	31.2	31.7	32.7	---	29.5	30.0	31.0	---	MBh	35.8	36.3	37.3	---	35.5	36.0	37.0	---	34.6	35.1	36.1	---	33.1	33.6	34.6	---	31.2	31.7	32.7	---	29.5	30.0	31.0	---	S/T	1.00	1.00	0.90	0.75	1.00	0.91	0.76	0.60	1.00	0.91	0.76	0.59	1.00	1.00	1.00	0.88	0.72	1.00	1.00	0.80	0.75	1.00	1.00	0.85	0.85	ΔT	27.78	26.06	22.85	19.52	27.73	26.01	22.80	19.48	27.97	26.25	23.04	19.72	27.71	25.99	22.78	19.46	27.48	25.76	22.56	19.23	28.56	26.84	23.63	20.31	Pr Suc	130.1	131.6	134.8	140.1	137.6	139.2	142.3	147.6	144.3	145.8	149.0	154.2	149.9	151.4	154.6	159.8	155.3	156.9	160.0	165.3	172.2	Amps	8.01	8.00	7.98	8.07	9.17	9.16	9.14	9.23	10.45	10.44	10.42	10.51	11.84	11.84	11.82	11.90	13.40	13.39	13.37	13.46	15.22	15.22	15.20	15.28	Power	2,060	2,058	2,054	2,074	2,325	2,323	2,319	2,339	2,621	2,619	2,614	2,635	2,941	2,939	2,935	2,955	3,299	3,297	3,292	3,313	3,719	3,717	3,712	3,732
1390	MBh	35.8	36.3	37.3	---	35.5	36.0	37.0	---	34.6	35.1	36.1	---	33.1	33.6	34.6	---	31.2	31.7	32.7	---	29.5	30.0	31.0	---	MBh	35.8	36.3	37.3	---	35.5	36.0	37.0	---	34.6	35.1	36.1	---	33.1	33.6	34.6	---	31.2	31.7	32.7	---	29.5	30.0	31.0	---	S/T	1.00	1.00	0.90	0.75	1.00	0.91	0.76	0.60	1.00	0.91	0.76	0.59	1.00	1.00	1.00	0.88	0.72	1.00	1.00	0.80	0.75	1.00	1.00	0.85	0.85	ΔT	27.78	26.06	22.85	19.52	27.73	26.01	22.80	19.48	27.97	26.25	23.04	19.72	27.71	25.99	22.78	19.46	27.48	25.76	22.56	19.23	28.56	26.84	23.63	20.31	Pr Suc	130.1	131.6	134.8	140.1	137.6	139.2	142.3	147.6	144.3	145.8	149.0	154.2	149.9	151.4	154.6	159.8	155.3	156.9	160.0	165.3	172.2	Amps	8.01	8.00	7.98	8.07	9.17	9.16	9.14	9.23	10.45	10.44	10.42	10.51	11.84	11.84	11.82	11.90	13.40	13.39	13.37	13.46	15.22	15.22	15.20	15.28	Power	2,060	2,058	2,054	2,074	2,325	2,323	2,319	2,339	2,621	2,619	2,614	2,635	2,941	2,939	2,935	2,955	3,299	3,297	3,292	3,313	3,719	3,717	3,712	3,732

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions.  
 kW = Total system power  
 Amps = outdoor unit amps









EXPANDED COOLING DATA — DZ18VC0481A\* / DV61PECD14A\* (LOW STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
970	MBh	33.0	33.5	34.4	---	32.7	33.2	34.1	---	31.8	32.3	33.3	---	30.4	30.8	31.8	---	28.6	29.0	30.0	---	26.9	27.4	28.3	---	26.9	27.4	28.3	---	26.9	27.4	28.3	---
	S/T	0.62	0.55	0.41	---	0.63	0.55	0.42	---	0.66	0.58	0.44	---	0.68	0.60	0.46	---	1.00	0.62	0.48	---	1.00	0.67	0.54	---	1.00	0.67	0.54	---	1.00	0.67	0.54	---
	ΔT	19.55	17.72	14.31	---	19.50	17.67	14.26	---	19.76	17.93	14.51	---	19.48	17.65	14.24	---	19.24	17.41	13.99	---	20.38	18.55	15.14	---	20.38	18.55	15.14	---	20.38	18.55	15.14	---
	Pr Suc	121.4	122.9	125.9	---	128.7	130.2	133.3	---	135.2	136.7	139.8	---	140.6	142.1	145.2	---	146.0	147.5	150.6	---	152.7	154.2	157.3	---	152.7	154.2	157.3	---	152.7	154.2	157.3	---
	Pr Dis	259.6	260.7	262.5	---	300.5	301.6	303.4	---	343.3	344.5	346.3	---	389.5	390.6	392.4	---	439.2	440.4	442.2	---	492.3	493.4	495.3	---	492.3	493.4	495.3	---	492.3	493.4	495.3	---
Amps	6.61	6.60	6.58	---	7.61	7.60	7.58	---	8.72	8.71	8.69	---	9.92	9.91	9.90	---	11.27	11.26	11.24	---	12.85	12.84	12.82	---	12.85	12.84	12.82	---	12.85	12.84	12.82	---	
Power	1.687	1.685	1.681	---	1.916	1.914	1.910	---	2.172	2.170	2.166	---	2.449	2.447	2.443	---	2.758	2.757	2.753	---	3.121	3.120	3.116	---	3.121	3.120	3.116	---	3.121	3.120	3.116	---	
70	MBh	33.3	33.8	34.8	---	33.1	33.5	34.5	---	32.2	32.7	33.6	---	30.7	31.2	32.2	---	28.9	29.4	30.4	---	27.3	27.7	28.7	---	27.3	27.7	28.7	---	27.3	27.7	28.7	---
	S/T	0.67	0.59	0.46	---	0.68	0.60	0.46	---	0.70	0.63	0.49	---	0.72	0.65	0.51	---	1.00	0.67	0.53	---	1.00	0.72	0.58	---	1.00	0.72	0.58	---				
	ΔT	18.67	16.84	13.42	---	18.62	16.79	13.37	---	18.87	17.04	13.63	---	18.60	16.77	13.35	---	18.35	16.52	13.11	---	19.50	17.67	14.26	---	19.50	17.67	14.26	---				
	Pr Suc	122.8	124.3	127.4	---	130.2	131.7	134.8	---	136.6	138.1	141.2	---	142.1	143.6	146.7	---	147.4	148.9	152.0	---	154.1	155.6	158.7	---	154.1	155.6	158.7	---				
	Pr Dis	261.4	262.5	264.3	---	302.3	303.4	305.2	---	345.1	346.3	348.1	---	391.3	392.4	394.2	---	441.0	442.1	444.0	---	494.1	495.2	497.0	---	494.1	495.2	497.0	---				
Amps	6.65	6.64	6.63	---	7.65	7.64	7.62	---	8.76	8.75	8.74	---	9.96	9.96	9.94	---	11.31	11.30	11.28	---	12.89	12.88	12.86	---	12.89	12.88	12.86	---					
Power	1.696	1.695	1.691	---	1.926	1.924	1.920	---	2.181	2.180	2.176	---	2.458	2.457	2.453	---	2.768	2.766	2.762	---	3.131	3.129	3.125	---	3.131	3.129	3.125	---					
1190	MBh	33.8	34.2	35.2	---	33.5	33.9	34.9	---	32.6	33.1	34.1	---	31.1	31.6	32.6	---	29.3	29.8	30.8	---	27.7	28.1	29.1	---	27.7	28.1	29.1	---				
	S/T	0.70	0.62	0.49	---	0.71	0.63	0.49	---	0.73	0.66	0.52	---	1.00	0.68	0.54	---	1.00	0.70	0.56	---	1.00	0.75	0.61	---								
	ΔT	17.90	16.07	12.66	---	17.85	16.02	12.61	---	18.11	16.28	12.86	---	17.83	16.00	12.59	---	17.59	15.76	12.34	---	18.73	16.90	13.49	---								
	Pr Suc	124.4	125.9	129.0	---	131.8	133.3	136.4	---	138.2	139.7	142.8	---	143.7	145.2	148.3	---	149.0	150.5	153.6	---	155.7	157.2	160.3	---								
	Pr Dis	263.1	264.2	266.1	---	304.0	305.1	307.0	---	346.9	348.0	349.8	---	393.0	394.1	396.0	---	442.7	443.9	445.7	---	495.8	497.0	498.8	---								
Amps	6.69	6.68	6.66	---	7.68	7.68	7.66	---	8.80	8.79	8.77	---	10.00	9.99	9.97	---	11.35	11.34	11.32	---	12.92	12.92	12.90	---									
Power	1.705	1.703	1.699	---	1.934	1.932	1.928	---	2.190	2.188	2.184	---	2.467	2.465	2.461	---	2.776	2.774	2.770	---	3.139	3.137	3.133	---									
970	MBh	33.0	33.5	34.5	---	32.7	33.2	34.2	---	31.9	32.3	33.3	---	30.4	30.8	31.8	---	28.6	29.0	30.0	---	26.9	27.4	28.4	---								
	S/T	0.75	0.68	0.54	---	0.76	0.68	0.55	---	1.00	0.71	0.57	---	1.00	0.73	0.59	---	1.00	0.75	0.61	---	1.00	0.80	0.67	---								
	ΔT	23.57	21.74	18.33	---	23.52	21.69	18.28	---	23.78	21.95	18.53	---	23.50	21.67	18.26	---	23.26	21.43	18.01	---	24.40	22.57	19.16	---								
	Pr Suc	121.4	122.9	126.0	---	128.8	130.3	133.3	---	135.2	136.7	139.8	---	140.7	142.2	145.2	---	146.0	147.5	150.6	---	152.7	154.2	157.3	---								
	Pr Dis	259.8	261.0	262.8	---	300.7	301.9	303.7	---	343.6	344.7	346.5	---	389.7	390.8	392.7	---	439.5	440.6	442.4	---	492.5	493.7	495.5	---								
Amps	6.60	6.60	6.58	---	7.60	7.59	7.57	---	8.71	8.70	8.69	---	9.92	9.91	9.89	---	11.26	11.25	11.24	---	12.84	12.83	12.81	---									
Power	1.685	1.684	1.680	---	1.915	1.913	1.909	---	2.170	2.169	2.165	---	2.447	2.446	2.442	---	2.757	2.755	2.751	---	3.120	3.118	3.114	---									
75	MBh	33.4	33.8	34.8	---	33.1	33.5	34.5	---	32.2	32.7	33.7	---	30.7	31.2	32.2	---	28.9	29.4	30.4	---	27.3	27.7	28.7	---								
	S/T	0.80	0.72	0.59	---	0.81	0.73	0.59	---	1.00	0.76	0.62	---	1.00	0.78	0.64	---	1.00	0.80	0.66	---	1.00	1.00	0.71	---								
	ΔT	22.69	20.86	17.44	---	22.64	20.81	17.39	---	22.89	21.06	17.65	---	22.62	20.79	17.37	---	22.37	20.54	17.13	---	23.52	21.69	18.28	---								
	Pr Suc	122.9	124.4	127.4	---	132.6	134.1	137.1	---	136.7	138.2	141.2	---	142.1	143.6	146.7	---	147.5	149.0	152.1	---	154.2	155.7	158.8	---								
	Pr Dis	261.6	262.7	264.6	---	302.5	303.6	305.5	---	345.4	346.5	348.3	---	391.5	392.6	394.4	---	441.2	442.3	444.2	---	494.3	495.4	497.3	---								
Amps	6.64	6.64	6.62	---	7.64	7.63	7.62	---	8.75	8.75	8.73	---	9.96	9.95	9.93	---	11.30	11.29	11.28	---	12.88	12.87	12.86	---									
Power	1.695	1.693	1.689	---	1.924	1.922	1.918	---	2.180	2.178	2.174	---	2.457	2.455	2.451	---	2.766	2.765	2.761	---	3.129	3.128	3.124	---									
1190	MBh	33.8	34.2	35.2	---	33.5	33.9	34.9	---	32.6	33.1	34.1	---	31.2	31.6	32.6	---	29.3	29.8	30.8	---	27.7	28.2	29.1	---								
	S/T	0.83	0.75	0.62	---	0.84	0.76	0.62	---	1.00	0.79	0.65	---	1.00	0.81	0.67	---	1.00	0.83	0.69	---	1.00	1.00	0.74	---								
	ΔT	21.92	20.09	16.68	---	21.87	20.04	16.63	---	22.13	20.30	16.88	---	21.85	20.02	16.61	---	21.61	19.78	16.36	---	22.75	20.92	17.51	---								
	Pr Suc	124.4	125.9	129.0	---	131.8	133.3	136.4	---	138.3	139.8	142.8	---	143.7	145.2	148.3	---	149.0	150.5	153.6	---	155.8	157.3	160.3	---								
	Pr Dis	263.4	264.5	266.3	---	304.3	305.4	307.2	---	347.1	348.2	350.0	---	393.2	394.3	396.2	---	443.0	444.1	445.9	---	496.1	497.2	499.0	---								
Amps	6.68	6.67	6.66	---	7.68	7.67	7.65	---	8.79	8.78	8.76	---	9.99	9.99	9.97	---	11.34	11.33	11.31	---	12.92	12.91	12.89	---									
Power	1.703	1.701	1.697	---	1.932	1.931	1.927	---	2.188	2.186	2.183	---	2.465	2.463	2.459	---	2.775	2.773	2.769	---	3.138	3.136	3.132	---									

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps

EXPANDED COOLING DATA — DZ18VC0481A\* / DV61PECD14A\* (LOW STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
<b>970</b>	MBh	33.2	33.6	34.6	35.0	32.9	33.4	34.3	35.1	35.9	32.0	32.5	33.5	34.5	35.5	30.5	31.0	32.0	33.0	34.0	28.7	29.2	30.2	31.2	32.2	27.1	27.6	28.5	29.5		
	S/T	0.88	0.80	0.67	0.52	1.00	0.81	0.67	0.53	0.39	1.00	0.84	0.70	0.55	0.41	1.00	0.85	0.72	0.57	0.43	1.00	1.00	1.00	0.74	0.60	1.00	1.00	0.79	0.65		
	ΔT	27.62	25.79	22.37	18.84	22.37	25.74	22.32	18.79	27.82	25.99	22.58	19.04	27.55	25.72	22.30	19.04	27.55	25.72	22.30	18.77	27.30	25.47	22.06	18.52	28.45	26.62	23.21	19.67		
	Pr Suc	121.9	123.4	126.5	131.7	129.3	130.8	133.9	139.0	135.7	137.2	140.3	145.5	141.2	142.7	145.8	150.9	146.6	148.0	151.1	156.3	153.3	154.7	157.8	163.0	153.3	154.7	157.8	163.0		
	Power	1.687	1.685	1.681	1.698	1.916	1.914	1.910	1.928	2.172	2.170	2.166	2.184	2.449	2.447	2.443	2.460	2.758	2.756	2.752	2.770	3.121	3.119	3.115	3.133	3.121	3.119	3.115	3.133		
<b>80</b>	MBh	33.5	34.0	35.0	35.7	33.2	33.7	34.7	35.5	36.3	32.4	32.9	33.8	34.7	35.6	30.9	31.4	32.4	33.4	34.4	29.1	29.6	30.5	31.5	32.5	27.4	27.9	28.9	29.9		
	S/T	1.00	0.85	0.71	0.57	1.00	0.86	0.72	0.58	0.44	1.00	0.88	0.75	0.60	0.46	1.00	0.90	0.77	0.62	0.47	1.00	1.00	0.79	0.64	1.00	1.00	0.84	0.70			
	ΔT	26.73	24.90	21.49	17.95	26.68	24.85	21.44	17.90	26.94	25.11	21.70	18.16	26.66	24.84	21.42	18.16	26.66	24.84	21.42	17.89	26.42	24.59	21.18	17.64	27.57	25.74	22.32	18.79		
	Pr Suc	123.4	124.9	128.0	133.1	130.8	132.3	135.3	140.5	137.2	138.7	141.8	146.9	142.7	144.2	148.3	154.4	148.0	149.5	152.6	157.7	154.7	156.2	159.3	164.4	154.7	156.2	159.3	164.4		
	Power	1.696	1.694	1.690	1.708	1.925	1.924	1.920	1.937	2.181	2.179	2.175	2.193	2.458	2.456	2.452	2.470	2.768	2.766	2.762	2.779	3.131	3.129	3.125	3.142	3.131	3.129	3.125	3.142		
<b>1190</b>	MBh	34.0	34.4	35.4	36.1	33.7	34.1	35.1	35.9	36.7	32.8	33.3	34.2	35.1	36.0	31.3	31.8	32.8	33.8	34.8	29.5	30.0	31.0	32.0	33.0	27.9	28.3	29.3	29.9		
	S/T	1.00	0.88	0.74	0.60	1.00	0.89	0.75	0.61	0.47	1.00	0.91	0.78	0.63	0.49	1.00	1.00	0.80	0.65	0.50	1.00	1.00	0.82	0.67	1.00	1.00	0.87	0.73			
	ΔT	25.97	24.14	20.72	17.19	25.92	24.09	20.67	17.14	26.17	24.34	20.93	17.39	25.90	24.07	20.65	17.12	25.65	23.82	20.41	16.87	26.80	24.97	21.56	18.02	26.80	24.97	21.56	18.02		
	Pr Suc	125.0	126.5	129.6	134.7	132.3	133.8	136.9	142.1	138.8	140.3	143.4	148.5	144.2	145.7	148.8	154.0	149.6	151.1	154.2	159.3	156.3	157.8	160.9	166.0	156.3	157.8	160.9	166.0		
	Power	1.704	1.702	1.699	1.716	1.934	1.932	1.928	1.945	2.189	2.188	2.184	2.201	2.466	2.465	2.461	2.478	2.776	2.774	2.770	2.788	3.139	3.137	3.133	3.151	3.139	3.137	3.133	3.151		

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
<b>970</b>	MBh	33.7	34.2	35.2	35.9	33.4	33.9	34.9	35.7	36.5	32.6	33.0	34.0	34.9	35.8	31.1	31.6	32.6	33.6	34.6	29.3	29.8	30.7	31.7	32.7	27.6	28.1	29.1	29.9		
	S/T	1.00	0.91	0.77	0.63	1.00	0.91	0.78	0.63	0.49	1.00	0.80	0.68	0.53	0.39	1.00	0.66	0.53	0.39	0.25	1.00	1.00	0.84	0.70	1.00	1.00	0.75	0.60	0.45		
	ΔT	31.21	29.38	25.96	22.43	31.16	29.33	25.91	22.38	31.41	29.58	26.17	22.63	31.14	29.31	25.89	22.36	30.89	29.06	25.65	22.11	32.04	30.21	26.79	23.26	32.04	30.21	26.79	23.26		
	Pr Suc	123.7	125.2	128.3	133.5	131.1	132.6	135.7	140.8	137.6	139.1	142.1	147.3	143.0	144.5	147.6	152.7	148.4	149.9	152.9	158.1	155.1	156.6	159.6	164.8	155.1	156.6	159.6	164.8		
	Power	1.691	1.689	1.685	1.703	1.920	1.918	1.914	1.932	2.176	2.174	2.170	2.188	2.453	2.451	2.447	2.465	2.762	2.761	2.757	2.774	3.125	3.124	3.120	3.137	3.125	3.124	3.120	3.137		
<b>85</b>	MBh	34.1	34.6	35.5	36.2	33.8	34.3	35.2	36.0	36.8	32.9	33.4	34.4	35.3	36.2	31.5	31.9	32.9	33.9	34.9	29.7	30.1	31.1	32.1	33.1	28.0	28.5	29.5	29.9		
	S/T	1.00	0.95	0.82	0.67	1.00	0.96	0.82	0.68	0.54	1.00	0.85	0.70	0.55	0.41	1.00	0.70	0.55	0.41	0.26	1.00	1.00	0.89	0.75	1.00	1.00	0.80	0.65	0.50		
	ΔT	30.32	28.49	25.08	21.54	30.27	28.44	25.03	21.49	30.53	28.70	25.29	21.75	30.25	28.43	25.01	21.48	30.01	28.18	24.77	21.23	31.15	29.33	25.91	22.38	31.15	29.33	25.91	22.38		
	Pr Suc	125.2	126.7	129.8	134.9	132.6	134.1	137.1	142.2	138.9	140.4	143.5	148.6	144.3	145.8	148.9	154.0	149.6	151.1	154.2	159.3	156.3	157.8	160.9	166.0	156.3	157.8	160.9	166.0		
	Power	1.700	1.699	1.695	1.712	1.930	1.928	1.924	1.942	2.186	2.184	2.180	2.197	2.463	2.461	2.457	2.474	2.772	2.770	2.766	2.784	3.135	3.133	3.129	3.147	3.135	3.133	3.129	3.147		
<b>1190</b>	MBh	34.5	35.0	36.0	36.7	34.2	34.7	35.7	36.5	37.3	33.4	33.8	34.8	35.7	36.6	31.9	32.3	33.3	34.3	35.3	30.1	30.5	31.5	32.5	33.5	28.4	28.9	29.9	29.9		
	S/T	1.00	0.98	0.85	0.70	1.00	1.00	0.85	0.71	0.56	1.00	0.88	0.73	0.70	0.55	1.00	0.73	0.58	0.43	0.28	1.00	1.00	0.92	0.78	1.00	1.00	0.83	0.68	0.53		
	ΔT	29.56	27.73	24.31	20.78	29.51	27.68	24.26	20.73	29.76	27.93	24.52	20.98	29.49	27.66	24.24	20.71	29.24	27.41	24.00	20.46	30.39	28.56	25.15	21.61	30.39	28.56	25.15	21.61		
	Pr Suc	126.8	128.3	131.4	136.5	134.2	135.7	138.7	143.9	140.6	142.1	145.2	150.3	146.1	147.6	150.6	155.8	151.4	152.9	156.0	161.1	158.1	159.6	162.7	167.8	158.1	159.6	162.7	167.8		
	Power	1.709	1.707	1.703	1.720	1.938	1.936	1.932	1.950	2.194	2.192	2.188	2.206	2.471	2.469	2.465	2.483	2.780	2.778	2.774	2.792	3.143	3.141	3.137	3.155	3.143	3.141	3.137	3.155		

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions.  
 kW = Total system power  
 Amps = outdoor unit amps

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
			65				75				85				95				105				115					
			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	1640	MBh	54.0	54.8	56.4	57.0	57.0	54.1	54.9	56.5	57.1	57.1	53.3	54.1	55.7	55.7	50.9	51.7	53.3	53.3	48.0	48.7	50.3	50.3	46.0	47.6		
		S/T	0.60	0.53	0.40	0.44	0.66	0.58	0.44	0.66	0.58	0.44	0.66	0.61	0.47	0.72	0.72	0.70	0.63	0.49	0.72	0.65	0.52	0.72	1.00	0.70	0.57	
		ΔT	20.03	18.16	14.66	13.74	19.06	17.18	13.69	19.32	17.45	13.95	19.32	17.45	13.95	19.04	17.16	13.67	19.04	17.16	13.67	18.79	16.91	13.42	19.96	18.09	14.59	
		Pr Suc	114.3	115.7	118.6	120.0	122.6	124.0	126.9	128.7	130.1	133.0	133.0	135.2	136.6	139.5	140.2	141.6	144.5	143.2	138.9	140.3	143.2	143.2	145.2	146.6	149.5	
		Pr Dis	255.4	256.5	258.3	260.1	297.5	296.8	298.6	337.8	339.0	340.7	342.5	339.6	340.7	342.5	342.5	385.0	386.1	387.9	385.0	434.0	435.1	436.9	434.0	486.2	487.3	489.1
		Amps	12.45	12.44	12.41	12.41	14.25	14.23	14.20	16.25	16.23	16.20	16.28	16.32	16.31	16.28	16.32	18.49	18.47	18.44	18.49	20.91	20.89	20.86	20.91	23.67	23.65	23.62
		Power	3.254	3.251	3.244	3.244	3.666	3.663	3.656	4.127	4.123	4.116	4.134	4.144	4.141	4.134	4.144	4.642	4.639	4.632	4.642	5.198	5.195	5.188	5.198	5.851	5.848	5.841
75	1640	MBh	54.6	55.4	57.0	57.6	54.1	54.9	56.5	57.1	57.1	53.3	54.1	55.7	55.7	50.9	51.7	53.3	53.3	48.0	48.7	50.3	50.3	45.3	46.0	47.6		
		S/T	0.65	0.58	0.44	0.44	0.66	0.58	0.44	0.66	0.58	0.44	0.66	0.61	0.47	0.72	0.72	0.70	0.63	0.49	0.72	0.65	0.52	1.00	0.70	0.57		
		ΔT	19.11	17.23	13.74	13.74	19.06	17.18	13.69	19.32	17.45	13.95	19.32	17.45	13.95	19.04	17.16	13.67	19.04	17.16	13.67	18.79	16.91	13.42	19.96	18.09	14.59	
		Pr Suc	115.7	117.1	120.0	121.3	122.6	124.0	126.9	128.7	130.1	133.0	133.0	135.2	136.6	139.5	140.2	141.6	144.5	143.2	138.9	140.3	143.2	143.2	145.2	146.6	149.5	
		Pr Dis	257.2	258.3	260.1	261.7	297.5	296.8	298.6	339.6	340.7	342.5	342.5	339.6	340.7	342.5	342.5	385.0	386.1	387.9	385.0	434.0	435.1	436.9	434.0	486.2	487.3	489.1
		Amps	12.53	12.51	12.48	12.48	14.32	14.31	14.28	16.32	16.31	16.28	16.32	16.32	16.31	16.28	16.32	18.49	18.47	18.44	18.49	20.91	20.89	20.86	20.91	23.74	23.73	23.70
		Power	3.272	3.268	3.261	3.261	3.684	3.681	3.674	4.144	4.141	4.134	4.152	4.144	4.141	4.134	4.144	4.642	4.639	4.632	4.642	5.198	5.195	5.188	5.198	5.851	5.848	5.841
1470	1470	MBh	54.1	54.8	56.4	57.0	54.1	54.9	56.5	57.1	57.1	53.3	54.1	55.7	55.7	50.9	51.7	53.3	53.3	48.0	48.7	50.3	50.3	44.1	44.8	46.4		
		S/T	0.78	0.70	0.57	0.43	0.68	0.61	0.48	0.68	0.61	0.48	0.71	0.63	0.50	0.75	0.75	0.73	0.65	0.52	0.75	0.67	0.54	1.00	0.72	0.59		
		ΔT	23.22	21.35	17.86	14.24	23.17	21.30	17.80	24.09	22.48	18.99	16.74	13.24	18.61	16.74	13.24	18.33	16.46	12.96	18.08	16.21	12.71	19.25	17.38	13.88		
		Pr Suc	115.7	117.1	120.0	121.3	122.6	124.0	126.9	128.7	130.1	133.0	133.0	135.2	136.6	139.5	140.2	141.6	144.5	143.2	138.9	140.3	143.2	143.2	145.2	146.6	149.5	
		Pr Dis	257.4	258.6	260.3	264.8	297.7	298.8	300.6	339.9	341.0	342.8	347.2	339.2	341.0	342.8	342.8	385.3	384.6	386.4	385.3	432.4	433.5	435.3	432.4	484.7	485.8	492.0
		Amps	12.44	12.43	12.40	12.53	14.23	14.22	14.19	16.23	16.22	16.19	16.33	16.23	16.22	16.19	16.33	18.40	18.39	18.35	18.35	20.82	20.80	20.77	20.91	23.66	23.64	23.61
		Power	3.252	3.248	3.241	3.273	3.664	3.661	3.653	4.124	4.121	4.114	4.145	4.124	4.121	4.114	4.145	4.622	4.619	4.612	4.622	5.178	5.175	5.168	5.178	5.831	5.828	5.821
75	1640	MBh	54.7	55.4	57.0	57.6	54.2	54.9	56.6	57.2	57.2	53.4	54.1	55.7	55.7	51.0	51.7	53.3	53.3	47.4	48.1	49.8	49.8	44.7	45.4	47.1		
		S/T	0.78	0.70	0.57	0.43	0.68	0.61	0.48	0.68	0.61	0.48	0.71	0.63	0.50	0.75	0.75	0.73	0.65	0.52	0.75	0.67	0.54	1.00	0.72	0.59		
		ΔT	23.22	21.35	17.86	14.24	23.17	21.30	17.80	24.09	22.48	18.99	16.74	13.24	18.61	16.74	13.24	18.33	16.46	12.96	18.08	16.21	12.71	19.25	17.38	13.88		
		Pr Suc	115.7	117.1	120.0	121.3	122.6	124.0	126.9	128.7	130.1	133.0	133.0	135.2	136.6	139.5	140.2	141.6	144.5	143.2	138.9	140.3	143.2	143.2	145.2	146.6	149.5	
		Pr Dis	257.4	258.6	260.3	264.8	297.7	298.8	300.6	339.9	341.0	342.8	347.2	339.2	341.0	342.8	342.8	385.3	384.6	386.4	385.3	432.4	433.5	435.3	432.4	484.7	485.8	492.0
		Amps	12.52	12.50	12.47	12.61	14.31	14.30	14.26	16.31	16.30	16.27	16.40	16.31	16.30	16.27	16.40	18.48	18.43	18.37	18.43	20.89	20.88	20.85	20.99	23.72	23.69	23.82
		Power	3.269	3.266	3.259	3.290	3.681	3.678	3.671	4.141	4.138	4.131	4.163	4.141	4.138	4.131	4.163	4.639	4.636	4.629	4.639	5.196	5.192	5.185	5.217	5.848	5.845	5.838
1790	1790	MBh	55.3	56.0	57.6	58.2	54.8	55.5	57.1	57.7	57.7	53.9	54.6	56.2	56.2	52.1	52.8	54.4	54.4	48.0	48.7	50.3	50.3	45.3	46.0	47.6		
		S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.60	0.81	0.74	0.60	0.81	0.76	0.63	0.49	0.75	0.75	0.73	0.65	0.51	0.75	0.67	1.00	0.85	0.72	0.58	
		ΔT	22.51	20.64	17.15	13.53	22.46	20.59	17.09	24.09	22.48	18.99	16.74	13.24	18.61	16.74	13.24	18.33	16.46	12.96	18.08	16.21	12.71	19.25	17.38	13.88		
		Pr Suc	117.0	118.4	121.3	126.2	124.0	125.4	128.3	130.0	131.5	134.4	139.2	130.0	131.5	134.4	139.2	135.2	136.6	139.5	144.3	140.2	141.6	144.5	146.5	147.9	150.8	
		Pr Dis	259.0	260.1	261.9	266.3	299.2	300.3	302.1	341.4	342.5	344.3	348.7	339.6	341.4	342.5	344.3	386.8	387.9	389.7	386.8	435.7	436.9	438.6	435.7	488.0	489.1	495.3
		Amps	12.58	12.56	12.53	12.67	14.37	14.35	14.32	16.37	16.35	16.32	16.46	16.37	16.35	16.32	16.46	18.53	18.52	18.49	18.53	20.95	20.94	20.91	21.04	23.79	23.78	23.88
		Power	3.282	3.279	3.272	3.304	3.695	3.691	3.684	4.155	4.151	4.144	4.176	4.151	4.144	4.176	4.653	4.649	4.642	4.653	5.209	5.206	5.199	5.230	5.862	5.859	5.852	

Shaded area reflects ACCA (TVA) conditions.  
 kW = Total system power  
 Amps = outdoor unit amps  
 IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.









**DZ18VC0241 + DV37PECC (HIGH STAGE)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	28.20	26.53	24.87	23.25	22.20	21.44	19.56	17.75	16.28	15.20	14.42	14.00	13.45	12.09	10.72	9.35	7.99
T/R	31.39	29.81	28.23	26.65	25.70	24.85	22.64	20.55	18.84	17.59	16.69	16.20	15.57	13.99	12.41	10.82	9.24
KW	1.75	1.72	1.69	1.67	1.65	1.64	1.61	1.59	1.56	1.53	1.51	1.49	1.48	1.45	1.43	1.40	1.38
Amps	6.3	6.2	6.1	6.0	5.9	5.9	5.7	5.6	5.5	5.4	5.3	5.2	5.2	5.1	4.9	4.8	4.7
COP	4.73	4.52	4.30	4.09	3.94	3.83	3.55	3.28	3.06	2.90	2.80	2.75	2.66	2.43	2.20	1.96	1.70
Hi PR	355	343	332	320	313	309	297	286	274	263	251	244	239	228	216	205	193
LO PR	135	127	118	110	105	101	93	85	76	68	59	54	51	43	34	26	17

**DZ18VC0361 + DV59PECD (HIGH STAGE)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	40.85	38.60	36.39	34.22	32.80	31.76	29.38	26.77	24.97	23.54	22.54	22.00	21.28	19.48	17.68	15.88	14.08
T/R	28.87	27.54	26.22	24.90	24.10	23.42	21.59	19.81	18.35	17.30	16.56	16.17	15.64	14.31	12.99	11.67	10.35
KW	2.69	2.65	2.60	2.56	2.53	2.51	2.47	2.42	2.38	2.33	2.29	2.26	2.24	2.20	2.16	2.11	2.07
Amps	9.7	9.5	9.3	9.1	9.0	8.9	8.7	8.5	8.3	8.1	8.0	7.8	7.8	7.6	7.4	7.2	7.0
COP	4.45	4.28	4.10	3.92	3.80	3.71	3.49	3.24	3.08	2.96	2.89	2.85	2.78	2.60	2.40	2.20	2.00
Hi PR	342	331	320	309	302	298	286	275	264	253	242	235	231	220	209	197	186
LO PR	123	115	107	100	95	92	84	77	69	62	54	49	46	39	31	23	16

**DZ18VC0481 + DV61PECD (HIGH STAGE)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	54.70	51.86	49.06	46.31	44.50	43.16	40.27	36.75	34.68	32.89	31.66	31.00	30.10	27.85	25.60	23.35	21.10
T/R	35.30	33.79	32.28	30.77	29.86	29.11	27.02	24.97	23.27	22.07	21.24	20.80	20.20	18.69	17.18	15.67	14.16
KW	3.79	3.71	3.62	3.54	3.49	3.45	3.37	3.28	3.20	3.11	3.03	2.98	2.94	2.86	2.78	2.69	2.61
Amps	14.3	13.9	13.6	13.2	13.0	12.8	12.5	12.1	11.7	11.4	11.0	10.8	10.6	10.2	9.9	9.5	9.1
COP	4.23	4.10	3.97	3.84	3.74	3.66	3.50	3.28	3.18	3.09	3.06	3.05	3.00	2.85	2.70	2.54	2.37
Hi PR	375	363	351	339	331	326	314	302	290	278	265	258	253	241	229	217	204
LO PR	122	115	107	99	95	92	84	77	69	61	54	49	46	39	31	23	16

**DZ18VC0601 + DV61PECD (HIGH STAGE)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	67.50	63.59	59.74	55.95	53.50	51.71	47.41	43.15	39.76	37.25	35.46	34.50	33.23	30.07	26.90	23.73	20.57
T/R	36.64	34.86	33.07	31.28	30.21	29.26	26.77	24.39	22.45	21.03	20.02	19.48	18.76	16.97	15.19	13.40	11.61
KW	4.48	4.36	4.23	4.11	4.04	3.99	3.87	3.75	3.63	3.51	3.39	3.32	3.27	3.15	3.02	2.90	2.78
Amps	16.9	16.3	15.8	15.3	15.0	14.8	14.2	13.7	13.2	12.7	12.1	11.8	11.6	11.1	10.5	10.0	9.5
COP	4.42	4.28	4.13	3.99	3.88	3.80	3.59	3.37	3.21	3.11	3.07	3.05	2.98	2.80	2.61	2.40	2.17
Hi PR	403	390	377	363	356	350	337	324	311	298	285	277	272	259	246	232	219
LO PR	138	129	121	112	107	103	95	86	78	69	61	55	52	43	35	26	18

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Conditions at 47°F outdoor ambient temperature

kW = Total system power

**DZ18VC0241 + DV37PECC (Low Stage)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	21.07	19.65	18.26	16.89	16.02	15.35	13.69	12.17	10.93	10.00	9.31	8.94	8.47	7.29	6.11	4.93	3.75
T/R	33.50	31.55	29.60	27.65	26.48	25.38	22.63	20.12	18.07	16.54	15.39	14.78	14.00	12.05	10.10	8.15	6.20
KW	1.07	1.04	1.01	0.97	0.95	0.94	0.91	0.88	0.85	0.81	0.78	0.76	0.75	0.72	0.69	0.65	0.62
Amps	3.8	3.6	3.5	3.3	3.3	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.4	2.2	2.1	2.0	1.8
COP	5.78	5.55	5.32	5.09	4.92	4.78	4.41	4.06	3.79	3.61	3.49	3.44	3.31	2.98	2.61	2.21	1.77
Hi PR	344	333	322	310	304	299	288	277	266	254	243	237	232	221	210	198	187
LO PR	133	124	116	108	103	100	91	83	75	67	58	53	50	42	34	25	17

**DZ18VC0361 + DV59PECD (Low Stage)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	30.61	28.66	26.75	24.87	23.66	22.78	20.53	18.44	16.73	15.47	14.54	14.05	13.40	11.80	10.20	8.60	6.99
T/R	30.90	29.22	27.53	25.85	24.84	23.92	21.55	19.36	17.57	16.24	15.27	14.75	14.07	12.39	10.71	9.02	7.34
KW	1.65	1.59	1.54	1.49	1.46	1.44	1.39	1.34	1.29	1.24	1.19	1.16	1.14	1.08	1.03	0.98	0.93
Amps	5.8	5.5	5.3	5.1	5.0	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.6
COP	5.45	5.27	5.08	4.89	4.75	4.63	4.33	4.04	3.81	3.67	3.59	3.56	3.46	3.19	2.89	2.57	2.20
Hi PR	331	321	310	299	293	288	278	267	256	245	234	228	224	213	202	191	181
LO PR	120	113	105	98	93	90	83	75	68	60	53	48	45	38	31	23	16

**DZ18VC0481 + DV61PECD (Low Stage)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	41.07	38.56	36.09	33.67	32.10	30.97	28.12	25.42	23.22	21.60	20.42	19.79	18.97	16.92	14.87	12.82	10.76
T/R	37.85	35.89	33.92	31.95	30.77	29.71	26.95	24.37	22.26	20.70	19.58	18.97	18.18	16.22	14.25	12.28	10.32
KW	2.31	2.23	2.15	2.06	2.01	1.98	1.90	1.82	1.74	1.65	1.57	1.52	1.49	1.41	1.32	1.24	1.16
Amps	8.5	8.2	7.8	7.4	7.2	7.1	6.7	6.4	6.0	5.7	5.3	5.1	4.9	4.6	4.2	3.9	3.5
COP	5.21	5.07	4.93	4.78	4.67	4.58	4.34	4.10	3.92	3.83	3.81	3.81	3.74	3.53	3.29	3.02	2.72
Hi PR	364	352	340	328	321	316	304	293	281	269	257	250	245	233	222	210	198
LO PR	120	113	105	98	93	90	83	75	68	60	53	48	45	38	30	23	15

**DZ18VC0601 + DV61PECD (Low Stage)**

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	50.48	47.15	43.87	40.65	38.60	37.05	33.16	29.59	26.68	24.51	22.89	22.03	20.92	18.16	15.40	12.64	9.88
T/R	39.15	36.92	34.70	32.47	31.13	29.89	26.75	23.87	21.52	19.77	18.46	17.77	16.87	14.65	12.42	10.19	7.96
KW	2.72	2.61	2.51	2.40	2.33	2.29	2.19	2.08	1.97	1.86	1.76	1.69	1.65	1.54	1.44	1.33	1.22
Amps	10.0	9.5	9.1	8.6	8.3	8.1	7.7	7.2	6.7	6.3	5.8	5.5	5.4	4.9	4.4	4.0	3.5
COP	5.44	5.29	5.13	4.97	4.85	4.74	4.45	4.17	3.97	3.85	3.82	3.81	3.72	3.45	3.14	2.79	2.37
Hi PR	390	378	365	352	345	340	327	314	301	289	276	268	263	251	238	225	213
LO PR	135	127	118	110	105	102	93	85	76	68	60	55	51	43	34	26	17

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Conditions at 47°F outdoor ambient temperature

kW = Total system power

**DZ18VC0241A\* / DV37PECC14A\***  
**DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F**  
**AT 100% DEMAND**

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	24,000	17,500	6,500	1,400
80°	23,700	17,000	6,700	1,500
85°	23,400	17,600	5,900	1,600
90°	22,900	16,500	6,500	1,600
<b>95°</b>	<b>22,400</b>	<b>17,200</b>	<b>5,200</b>	<b>1,700</b>
100°	21,800	15,600	6,100	1,800
105°	21,100	16,700	4,400	1,900
110°	20,600	14,800	5,800	2,000
115°	20,000	17,000	3,000	2,200
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>21,600</b>	<b>16,800</b>	<b>4,800</b>	<b>1,700</b>

**DZ18VC0241A\* / DV37PECC14A\***  
**DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F**  
**AT 70% DEMAND**

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,300	13,000	4,300	900
80°	17,100	12,200	4,800	900
85°	16,800	13,000	3,900	1,000
90°	16,500	11,800	4,600	1,000
<b>95°</b>	<b>16,100</b>	<b>12,700</b>	<b>3,400</b>	<b>1,100</b>
100°	15,700	11,200	4,400	1,200
105°	15,200	12,500	2,700	1,200
110°	14,800	10,600	4,200	1,300
115°	14,400	14,400	0	1,400
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>15,500</b>	<b>12,400</b>	<b>3,100</b>	<b>1,100</b>

**DZ18VC0361A\* / DV59PECC14A\***  
**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°	36,000	27,700	8,300	2,300
80°	35,600	25,500	10,000	2,500
85°	35,100	28,100	7,000	2,600
90°	34,400	24,700	9,700	2,800
<b>95°</b>	<b>33,600</b>	<b>27,600</b>	<b>6,000</b>	<b>2,900</b>
100°	32,700	23,500	9,200	3,100
105°	31,700	26,600	5,100	3,300
110°	30,900	22,200	8,700	3,500
115°	30,000	27,000	3,000	3,700
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>32,400</b>	<b>26,900</b>	<b>5,500</b>	<b>2,900</b>

**DZ18VC0361A\* / DV59PECC14A\***  
**DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F**  
**AT 70% DEMAND**

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,900	20,500	5,400	1,400
80°	25,600	18,400	7,200	1,500
85°	25,300	20,700	4,500	1,600
90°	24,700	17,700	7,000	1,700
<b>95°</b>	<b>24,200</b>	<b>20,300</b>	<b>3,900</b>	<b>1,800</b>
100°	23,500	16,900	6,600	1,900
105°	22,800	19,600	3,200	2,100
110°	22,200	15,900	6,300	2,200
115°	21,600	21,600	0	2,300
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>23,300</b>	<b>19,800</b>	<b>3,500</b>	<b>1,800</b>

**DZ18VC0481A\* / DV61PECD14A\***  
**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°	48,300	33,800	14,500	3,100
80°	47,700	34,200	13,400	3,300
85°	47,100	34,400	12,700	3,500
90°	46,000	33,000	13,000	3,700
<b>95°</b>	<b>45,000</b>	<b>33,800</b>	<b>11,300</b>	<b>3,900</b>
100°	43,700	31,400	12,300	4,100
105°	42,500	32,700	9,800	4,400
110°	41,300	29,700	11,700	4,700
115°	40,200	33,000	7,200	5,000
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>43,400</b>	<b>33,000</b>	<b>10,400</b>	<b>3,900</b>

**DZ18VC0481A\* / DV61PECD14A\***  
**DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F**  
**AT 70% DEMAND**

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	34,700	25,000	9,700	1,900
80°	34,300	24,600	9,700	2,000
85°	33,800	25,400	8,500	2,200
90°	33,100	23,800	9,300	2,300
<b>95°</b>	<b>32,400</b>	<b>24,900</b>	<b>7,400</b>	<b>2,500</b>
100°	31,500	22,600	8,900	2,600
105°	30,500	24,100	6,400	2,800
110°	29,700	21,300	8,400	2,900
115°	28,900	24,300	4,600	3,100
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>31,200</b>	<b>24,300</b>	<b>6,900</b>	<b>2,500</b>

**DZ18VC0601A\* / DV61PECD14A\***  
**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°	56,800	39,800	17,000	3,700
80°	56,100	40,300	15,800	3,900
85°	55,400	39,900	15,500	4,100
90°	54,200	38,900	15,300	4,400
<b>95°</b>	<b>53,000</b>	<b>39,200</b>	<b>13,800</b>	<b>4,600</b>
100°	51,500	37,000	14,500	4,900
105°	50,000	38,000	12,000	5,200
110°	48,700	35,000	13,700	5,500
115°	47,300	38,300	9,000	5,800
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>51,100</b>	<b>38,300</b>	<b>12,800</b>	<b>4,600</b>

**DZ18VC0601A\* / DV61PECD14A\***  
**DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F**  
**AT 70% DEMAND**

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	40,900	29,400	11,400	2,300
80°	40,400	29,000	11,400	2,500
85°	39,800	29,500	10,400	2,600
90°	39,000	28,000	11,000	2,800
<b>95°</b>	<b>38,100</b>	<b>29,000</b>	<b>9,100</b>	<b>2,900</b>
100°	37,000	26,600	10,400	3,100
105°	36,000	28,100	7,900	3,300
110°	35,000	25,100	9,900	3,500
115°	34,000	28,600	5,400	3,700
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>36,700</b>	<b>28,300</b>	<b>8,500</b>	<b>2,900</b>

**DZ18VC0241A\* / DV37PECC14A\***  
 DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 10-12°F  
 IN BOOST MODE

OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	27,200	19,600	7,600	1,600
80°	26,700	19,400	7,300	1,700
85°	26,200	19,100	7,100	1,700
90°	25,700	18,900	6,800	1,800
<b>95°</b>	<b>25,100</b>	<b>18,800</b>	<b>6,300</b>	<b>1,900</b>
100°	24,500	18,300	6,300	2,000
105°	24,000	18,000	6,000	2,100
110°	22,200	17,000	5,100	2,100
115°	20,000	17,000	3,000	2,200
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>23,200</b>	<b>17,800</b>	<b>5,400</b>	<b>1,900</b>

**DZ18VC0361A\* / DV59PECC14A\***  
 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°	41,300	30,200	11,100	2,700
80°	40,300	29,700	10,500	2,900
85°	39,200	29,200	10,000	3,000
90°	38,100	28,500	9,500	3,200
<b>95°</b>	<b>36,900</b>	<b>27,900</b>	<b>9,000</b>	<b>3,300</b>
100°	35,700	27,300	8,400	3,500
105°	34,500	26,700	7,800	3,600
110°	33,300	26,000	7,300	3,800
115°	30,000	27,000	3,000	3,700
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>34,500</b>	<b>26,900</b>	<b>7,600</b>	<b>3,300</b>

**DZ18VC0481A\* / DV61PECC14A\***  
 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°	55,200	38,500	16,700	3,800
80°	53,800	37,800	16,000	4,000
85°	52,400	37,200	15,300	4,200
90°	51,000	36,400	14,500	4,400
<b>95°</b>	<b>49,500</b>	<b>35,700</b>	<b>13,800</b>	<b>4,600</b>
100°	48,000	35,000	13,000	4,900
105°	46,400	34,200	12,200	5,100
110°	44,700	33,400	11,400	5,300
115°	40,200	33,000	7,200	5,000
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>46,500</b>	<b>34,600</b>	<b>11,800</b>	<b>4,500</b>

**DZ18VC0601A\* / DV61PECC14A\***  
 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°	64,600	45,100	19,500	4,600
80°	63,000	44,300	18,700	4,800
85°	61,400	43,500	17,900	5,000
90°	59,800	42,700	17,000	5,300
<b>95°</b>	<b>57,900</b>	<b>41,800</b>	<b>16,200</b>	<b>5,500</b>
100°	56,300	41,100	15,300	5,800
105°	54,500	40,100	14,400	6,000
110°	52,600	39,200	13,400	6,300
115°	47,300	38,300	9,000	5,800
<b>TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB</b>				
<b>95°</b>	<b>54,400</b>	<b>40,600</b>	<b>13,800</b>	<b>5,400</b>



## COOLING MODE

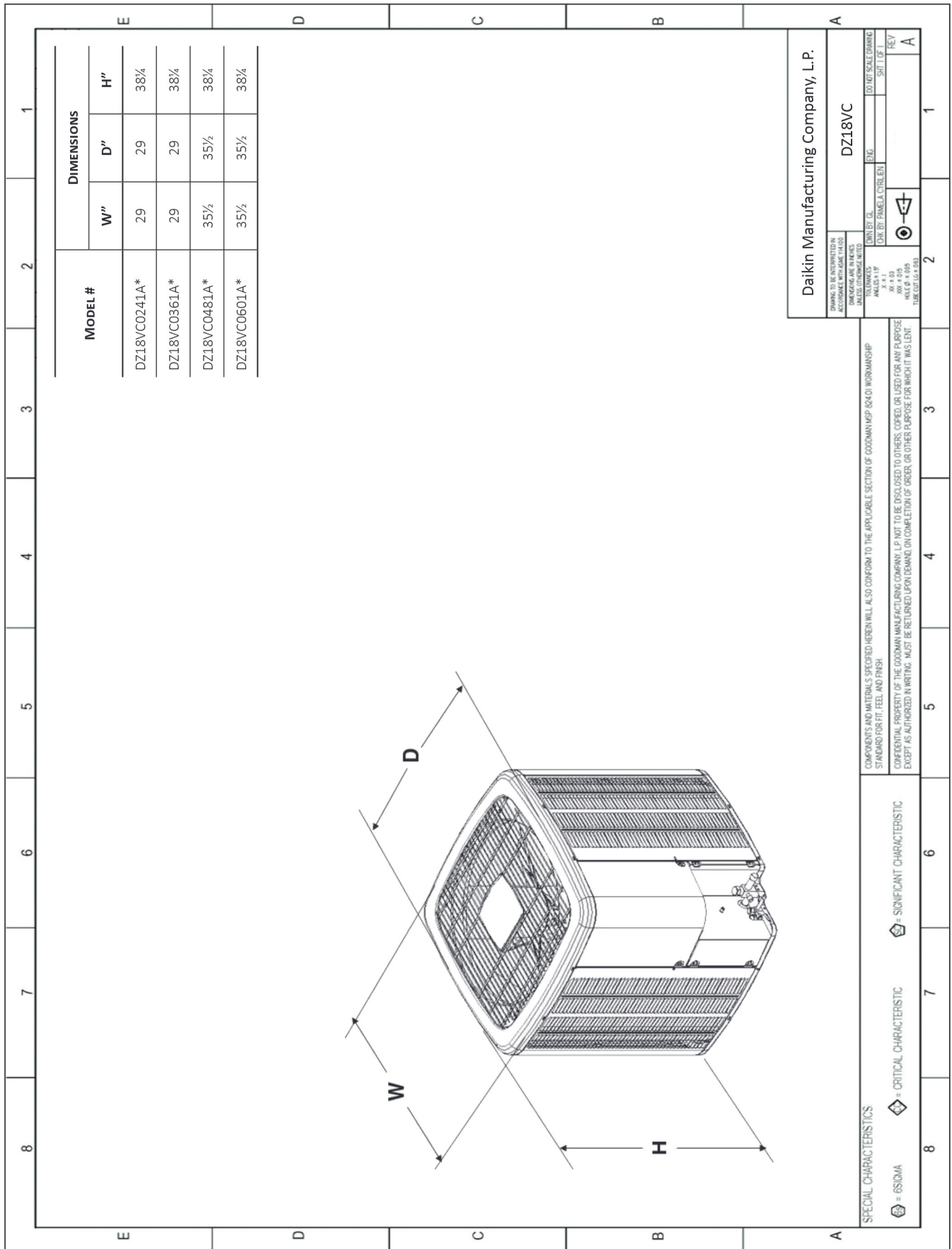
TONNAGE	SPEED	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
			125	250	500	1000	2000	4000	8000
2 Tons	Minimum	55.8	45.9	48.2	48.2	51.5	46.7	42.5	31.6
	Intermediate	58.1	49.9	50.0	52.2	51.4	49.2	40.2	26.8
	Maximum	69.5	54.9	56.4	61.5	61.9	65.9	61.1	49.2
3 Tons	Minimum	60.3	50.8	49.6	50.9	55.1	54.3	50.3	37.7
	Intermediate	61.2	52.9	50.9	53.7	54.3	54.8	49.0	38.9
	Maximum	68.1	50.7	59.4	61.2	62.8	60.7	61.5	48.7
4 Tons	Minimum	62.9	45.8	47.8	56.7	59.6	56.2	47.8	42.9
	Intermediate	63.9	46.4	49.8	57.7	60.2	56.7	50.6	47.2
	Maximum	71.7	49.5	58.3	65.8	67.6	65.2	60.2	50.4
5-ton	Minimum	71.3	50.5	56.9	67.1	67.2	63.0	55.0	45.6
	Intermediate	71.3	50.0	59.4	67.0	65.9	63.1	56.2	48.5
	Maximum	77.1	54.6	65.6	71.6	72.6	70.1	65.4	54.4

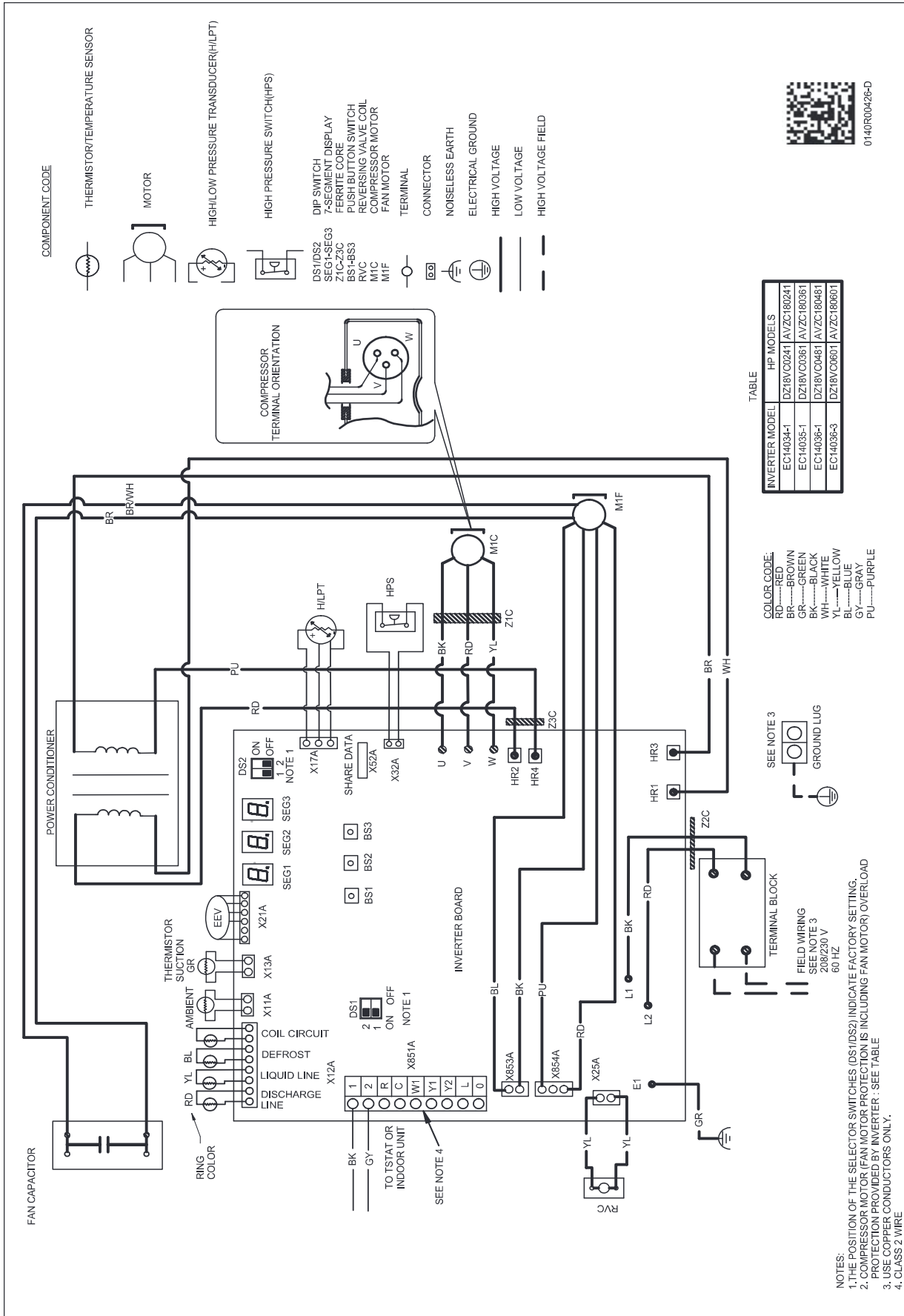
## HEATING MODE

TONNAGE	SPEED	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
			125	250	500	1000	2000	4000	8000
2 Tons	Minimum	55.4	46.9	46.9	48.8	50.5	46.9	42.1	33.5
	Intermediate	62.6	50.5	54.3	53.4	57.8	57.1	50.5	42.2
	Maximum	69.1	60.9	57.7	60.8	60.5	62.3	61.5	49.0
3 Tons	Minimum	56.3	46.1	44.7	50.5	51.7	48.3	42.7	34.1
	Intermediate	62.8	48.3	52.5	54.5	58.9	55.5	55.8	49.3
	Maximum	68.8	49.5	59.9	61.0	63.9	61.5	62.7	49.4
4 Tons	Minimum	64.1	45.6	48.9	57.7	60.8	57.5	49.8	45.4
	Intermediate	65.9	48.3	51.8	60.1	52.2	57.8	54.4	49.8
	Maximum	73.7	50.7	59.2	68.1	69.7	66.8	62.3	53.6
5-ton	Minimum	72.8	50.1	57.5	68.9	68.5	63.8	56.0	48.0
	Intermediate	72.8	50.3	58.2	67.5	67.3	64.2	59.1	53.5
	Maximum	78.6	55.6	67.7	73.4	74.1	71.2	67.1	58.7

## AHRI RATINGS

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





**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.

