

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

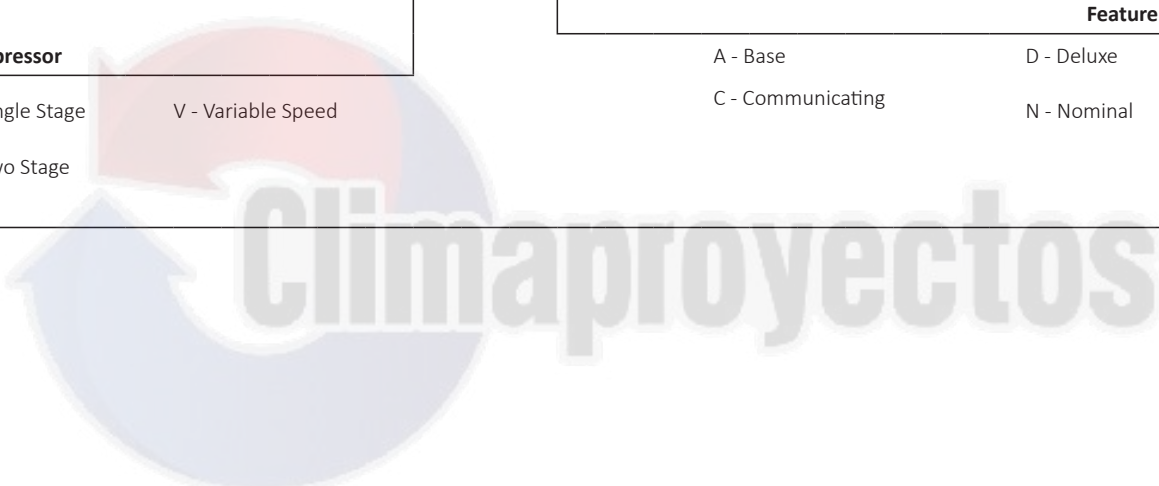
### ■ Cabinet Features

- 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.

	<b>D</b>	<b>Z</b>	<b>18</b>	<b>V</b>	<b>C</b>	<b>036</b>	<b>3</b>	<b>*</b>	<b>*</b>	
	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 Z - HP R-410A									<b>Voltage</b> 1 - 208/230 V Single-Phase 60 Hz
<b>SEER</b>	14 - 14 SEER      18 - 18 SEER 16 - 16 SEER      20 - 20 SEER							024 - 2 tons      048 - 4 tons 036 - 3 tons      060 - 5 tons		<b>Capacity</b>
<b>Compressor</b>	S - Single Stage      V - Variable Speed T - Two Stage						A - Base      D - Deluxe C - Communicating      N - Nominal			<b>Feature Set</b>



	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 3/8" to 1 1/4" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

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>770</b>	MBh	22.8	23.2	23.8	24.1	22.6	23.0	23.6	24.0	22.2	22.6	23.0	23.4	23.8	24.2	21.0	21.3	22.0	22.4	23.0	19.8	20.1	20.8	21.5	18.6	19.0	19.6	20.3	21.0				
	S/T	0.63	0.55	0.41	0.41	0.64	0.56	0.42	0.42	0.66	0.58	0.45	0.45	0.45	0.45	1.00	0.60	0.47	0.47	0.47	1.00	0.63	0.49	0.49	1.00	0.68	0.54	0.54	0.54	0.54			
	ΔT	18.56	16.83	13.58	13.58	18.52	16.78	13.53	13.53	18.76	17.02	13.78	13.78	13.78	13.78	18.50	16.76	13.52	13.52	13.52	18.27	16.53	13.28	13.28	19.35	17.62	14.37	14.37	14.37	14.37	14.37		
	Pr Suc	126.4	127.9	131.1	131.1	134.0	135.6	138.8	138.8	140.8	142.3	145.5	145.5	145.5	145.5	146.4	148.0	151.2	151.2	151.2	152.0	152.0	153.6	156.8	159.0	160.5	163.7	163.7	163.7	163.7	163.7	163.7	
<b>70</b>	Pr Dis	249.5	250.6	252.3	252.3	288.8	289.9	291.6	291.6	329.9	331.0	332.8	332.8	332.8	374.3	375.4	377.1	377.1	377.1	377.1	422.1	423.2	424.9	424.9	473.1	474.2	475.9	475.9	475.9	475.9	475.9	475.9	
	Amps	4.81	4.80	4.79	4.79	5.45	5.45	5.43	5.43	6.17	6.17	6.15	6.15	6.15	6.95	6.94	6.93	6.93	6.93	6.93	7.82	7.81	7.80	7.80	8.84	8.83	8.82	8.82	8.82	8.82	8.82	8.82	
	Power	1.236	1.235	1.233	1.233	1.385	1.384	1.381	1.381	1.550	1.549	1.546	1.546	1.546	1.729	1.728	1.726	1.726	1.726	1.726	1.929	1.928	1.926	1.926	2.164	2.163	2.160	2.160	2.160	2.160	2.160	2.160	
	MBh	23.1	23.4	24.1	24.1	22.9	23.2	23.9	23.9	22.3	22.6	23.3	23.3	23.3	23.3	21.3	21.6	22.3	22.6	23.3	20.0	20.3	21.0	21.0	18.9	19.2	19.9	19.9	19.9	19.9	19.9	19.9	
<b>800</b>	S/T	0.68	0.60	0.46	0.46	0.68	0.61	0.47	0.47	0.71	0.63	0.49	0.49	0.49	1.00	0.65	0.51	0.51	0.51	1.00	0.67	0.54	0.54	1.00	0.73	0.59	0.59	0.59	0.59	0.59	0.59	0.59	
	ΔT	17.74	16.00	12.76	12.76	17.69	15.96	12.71	12.71	17.94	16.20	12.96	12.96	12.96	17.68	15.94	12.69	12.69	12.69	17.44	15.71	12.46	12.46	18.53	16.79	13.55	13.55	13.55	13.55	13.55	13.55	13.55	
	Pr Suc	127.9	129.4	132.6	132.6	135.5	137.1	140.3	140.3	142.2	143.8	147.0	147.0	147.0	147.9	149.5	152.7	152.7	152.7	153.5	153.5	155.1	158.3	160.5	162.0	165.2	165.2	165.2	165.2	165.2	165.2	165.2	165.2
	Pr Dis	251.2	252.2	254.0	254.0	290.5	291.5	293.3	293.3	331.6	332.7	334.5	334.5	334.5	376.0	377.0	378.8	378.8	378.8	423.8	424.8	426.6	426.6	474.8	475.8	477.6	477.6	477.6	477.6	477.6	477.6	477.6	477.6
<b>880</b>	Amps	4.83	4.83	4.82	4.82	5.48	5.47	5.46	5.46	6.20	6.19	6.18	6.18	6.18	6.98	6.97	6.96	6.96	6.96	7.84	7.84	7.83	7.83	8.87	8.86	8.85	8.85	8.85	8.85	8.85	8.85	8.85	
	Power	1.242	1.241	1.239	1.239	1.391	1.390	1.387	1.387	1.556	1.555	1.552	1.552	1.552	1.735	1.734	1.732	1.732	1.732	1.935	1.934	1.932	1.932	2.170	2.169	2.166	2.166	2.166	2.166	2.166	2.166	2.166	
	MBh	23.4	23.7	24.4	24.4	23.2	23.5	24.2	24.2	22.6	22.9	23.6	23.6	23.6	23.6	21.5	21.9	22.6	22.6	23.6	20.3	20.6	21.3	21.3	19.2	19.5	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	S/T	0.71	0.63	0.49	0.49	0.71	0.63	0.50	0.50	1.00	0.66	0.52	0.52	0.52	1.00	0.68	0.54	0.54	0.54	1.00	0.70	0.56	0.56	1.00	1.00	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
<b>720</b>	ΔT	17.02	15.29	12.04	12.04	16.98	15.24	11.99	11.99	17.22	15.48	12.24	12.24	12.24	16.96	15.22	11.98	11.98	11.98	16.73	14.99	11.74	11.74	17.81	16.08	12.83	12.83	12.83	12.83	12.83	12.83	12.83	
	Pr Suc	129.5	131.0	134.3	134.3	137.2	138.7	141.9	141.9	143.9	145.4	148.6	148.6	148.6	149.5	151.1	154.3	154.3	154.3	155.1	156.7	159.9	159.9	162.1	163.6	166.9	166.9	166.9	166.9	166.9	166.9	166.9	166.9
	Pr Dis	252.8	253.9	255.6	255.6	292.1	293.2	294.9	294.9	333.3	334.3	336.1	336.1	336.1	377.6	378.7	380.4	380.4	380.4	425.4	426.5	428.2	428.2	476.4	477.5	479.2	479.2	479.2	479.2	479.2	479.2	479.2	479.2
	Amps	4.86	4.85	4.84	4.84	5.50	5.49	5.48	5.48	6.22	6.21	6.20	6.20	6.20	7.00	6.99	6.98	6.98	6.98	7.87	7.86	7.85	7.85	8.89	8.88	8.87	8.87	8.87	8.87	8.87	8.87	8.87	8.87
<b>75</b>	Power	1.235	1.234	1.232	1.232	1.384	1.383	1.380	1.380	1.549	1.548	1.546	1.546	1.546	1.728	1.727	1.725	1.725	1.725	1.928	1.927	1.925	1.925	2.163	2.162	2.159	2.159	2.159	2.159	2.159	2.159	2.159	
	MBh	23.1	23.4	24.1	24.1	22.9	23.2	23.9	23.9	22.3	22.6	23.3	23.3	23.3	21.3	21.6	22.3	22.3	23.3	20.0	20.3	21.0	21.0	18.9	19.2	19.9	19.9	19.9	19.9	19.9	19.9	19.9	
	S/T	0.81	0.73	0.59	0.59	1.00	0.74	0.60	0.60	1.00	0.76	0.62	0.62	0.62	1.00	0.78	0.64	0.64	0.64	1.00	1.00	0.67	0.67	1.00	1.00	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
	ΔT	21.56	19.82	16.58	16.58	21.51	19.78	16.53	16.53	21.76	20.02	16.78	16.78	16.78	21.50	19.76	16.51	16.51	16.51	21.26	19.53	16.28	16.28	22.35	20.61	17.37	17.37	17.37	17.37	17.37	17.37	17.37	17.37
<b>880</b>	Pr Suc	127.9	129.5	132.7	132.7	138.0	139.6	143.3	143.3	142.3	143.8	147.0	147.0	147.0	148.0	149.5	152.7	152.7	153.5	153.5	155.1	158.3	160.5	162.1	163.6	166.9	166.9	166.9	166.9	166.9	166.9	166.9	166.9
	Pr Dis	251.4	252.5	254.2	254.2	290.7	291.8	293.5	293.5	331.8	332.9	334.7	334.7	334.7	376.2	377.2	379.0	379.0	383.3	424.0	425.1	426.8	426.8	475.0	476.1	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8
	Amps	4.83	4.82	4.81	4.81	5.47	5.47	5.46	5.46	6.19	6.19	6.18	6.18	6.18	6.97	6.97	6.95	6.95	7.00	7.84	7.84	7.82	7.82	8.86	8.86	8.85	8.85	8.85	8.85	8.85	8.85	8.85	8.85
	Power	1.242	1.240	1.238	1.238	1.390	1.389	1.386	1.386	1.555	1.554	1.552	1.552	1.552	1.734	1.733	1.731	1.731	1.731	1.934	1.933	1.931	1.931	2.169	2.168	2.165	2.165	2.165	2.165	2.165	2.165	2.165	2.165
<b>770</b>	MBh	23.4	23.7	24.4	24.4	23.2	23.5	24.2	24.2	22.6	22.9	23.6	23.6	23.6	21.5	21.9	22.6	22.6	23.6	20.3	20.6	21.3	21.3	19.2	19.5	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
	S/T	0.84	0.76	0.62	0.62	1.00	0.77	0.63	0.63	1.00	0.79	0.65	0.65	0.65	1.00	0.81	0.67	0.67	0.67	1.00	1.00	0.70	0.70	1.00	1.00	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
	ΔT	20.85	19.11	15.86	15.86	20.80	19.06	15.82	15.82	21.04	19.30	16.06	16.06	16.06	20.78	19.04	15.80	15.80	15.80	20.55	18.81	15.57	15.57	21.64	19.90	16.65	16.65	16.65	16.65	16.65	16.65	16.65	16.65
	Pr Suc	129.5	131.1	134.3	134.3	137.2	138.7	141.9	141.9	143.9	145.5	148.7	148.7	148.7	149.6	151.1	154.3	154.3	154.3	155.1	156.7	159.9	159.9	162.1	163.6	166.9	166.9	166.9	166.9	166.9	166.9	166.9	166.9
<b>880</b>	Pr Dis	253.0	254.1	255.8	255.8	292.3	293.4	295.1	295.1	333.5	334.6	336.3	336.3	336.3	377.8	378.9	380.6	380.6	385.0	425.6	426.7	428.4	428.4	476.6	477.7	479.5	479.5	479.5	479.5	479.5	479.5	479.5	479.5
	Amps	4.85	4.85	4.83	4.83	5.50	5.49	5.48	5.48	6.22	6.21	6.20	6.20	6.20	6.99	6.99	6.98	6.98	7.03	7.86	7.86	7.85	7.85	8.88	8.88	8.87	8.87	8.87	8.87	8.87	8.87	8.87	8.87
	Power	1.247	1.246	1.243	1.243	1.395	1.394	1.391	1.391	1.560	1.559	1.557	1.557	1.557	1.740	1.738	1.736	1.736	1.736	1.940	1.938	1.936	1.936	2.174	2.173	2.171	2.171	2.171	2.171	2.171	2.171	2.171	2.171
	Power	1.247	1.246	1.243	1.243	1.395	1.394	1.391	1.391	1.560	1.559	1.557	1.557	1.557	1.740	1.738	1.736	1.736	1.736	1.940	1.938	1.936	1.936	2.174	2.173	2.171	2.171	2.171	2.171	2.171	2.171	2.171	2.171

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

ID DB		AIR		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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<b>720</b>	MBh	23.0	23.3	24.0	24.2	24.5	24.8	25.1	25.4	25.7	26.0	26.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.9	30.2	30.5	30.8	31.1	31.4	31.7	32.0	32.3	32.6	32.9	33.2	33.5	33.8	34.1	34.4	34.7	35.0	35.3	35.6	35.9	36.2	36.5	36.8	37.1	37.4	37.7	38.0	38.3	38.6	38.9	39.2	39.5	39.8	40.1	40.4	40.7	41.0	41.3	41.6	41.9	42.2	42.5	42.8	43.1	43.4	43.7	44.0	44.3	44.6	44.9	45.2	45.5	45.8	46.1	46.4	46.7	47.0	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2	54.5	54.8	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0	59.3	59.6	59.9	60.2	60.5	60.8	61.1	61.4	61.7	62.0	62.3	62.6	62.9	63.2	63.5	63.8	64.1	64.4	64.7	65.0	65.3	65.6	65.9	66.2	66.5	66.8	67.1	67.4	67.7	68.0	68.3	68.6	68.9	69.2	69.5	69.8	70.1	70.4	70.7	71.0	71.3	71.6	71.9	72.2	72.5	72.8	73.1	73.4	73.7	74.0	74.3	74.6	74.9	75.2	75.5	75.8	76.1	76.4	76.7	77.0	77.3	77.6	77.9	78.2	78.5	78.8	79.1	79.4	79.7	80.0	80.3	80.6	80.9	81.2	81.5	81.8	82.1	82.4	82.7	83.0	83.3	83.6	83.9	84.2	84.5	84.8	85.1	85.4	85.7	86.0	86.3	86.6	86.9	87.2	87.5	87.8	88.1	88.4	88.7	89.0	89.3	89.6	89.9	90.2	90.5	90.8	91.1	91.4	91.7	92.0	92.3	92.6	92.9	93.2	93.5	93.8	94.1	94.4	94.7	95.0	95.3	95.6	95.9	96.2	96.5	96.8	97.1	97.4	97.7	98.0	98.3	98.6	98.9	99.2	99.5	99.8	100.1	100.4	100.7	101.0	101.3	101.6	101.9	102.2	102.5	102.8	103.1	103.4	103.7	104.0	104.3	104.6	104.9	105.2	105.5	105.8	106.1	106.4	106.7	107.0	107.3	107.6	107.9	108.2	108.5	108.8	109.1	109.4	109.7	110.0	110.3	110.6	110.9	111.2	111.5	111.8	112.1	112.4	112.7	113.0	113.3	113.6	113.9	114.2	114.5	114.8	115.1	115.4	115.7	116.0	116.3	116.6	116.9	117.2	117.5	117.8	118.1	118.4	118.7	119.0	119.3	119.6	119.9	120.2	120.5	120.8	121.1	121.4	121.7	122.0	122.3	122.6	122.9	123.2	123.5	123.8	124.1	124.4	124.7	125.0	125.3	125.6	125.9	126.2	126.5	126.8	127.1	127.4	127.7	128.0	128.3	128.6	128.9	129.2	129.5	129.8	130.1	130.4	130.7	131.0	131.3	131.6	131.9	132.2	132.5	132.8	133.1	133.4	133.7	134.0	134.3	134.6	134.9	135.2	135.5	135.8	136.1	136.4	136.7	137.0	137.3	137.6	137.9	138.2	138.5	138.8	139.1	139.4	139.7	140.0	140.3	140.6	140.9	141.2	141.5	141.8	142.1	142.4	142.7	143.0	143.3	143.6	143.9	144.2	144.5	144.8	145.1	145.4	145.7	146.0	146.3	146.6	146.9	147.2	147.5	147.8	148.1	148.4	148.7	149.0	149.3	149.6	149.9	150.2	150.5	150.8	151.1	151.4	151.7	152.0	152.3	152.6	152.9	153.2	153.5	153.8	154.1	154.4	154.7	155.0	155.3	155.6	155.9	156.2	156.5	156.8	157.1	157.4	157.7	158.0	158.3	158.6	158.9	159.2	159.5	159.8	160.1	160.4	160.7	161.0	161.3	161.6	161.9	162.2	162.5	162.8	163.1	163.4	163.7	164.0	164.3	164.6	164.9	165.2	165.5	165.8	166.1	166.4	166.7	167.0	167.3	167.6	167.9	168.2	168.5	168.8	169.1	169.4	169.7	170.0	170.3	170.6	170.9	171.2	171.5	171.8	172.1	172.4	172.7	173.0	173.3	173.6	173.9	174.2	174.5	174.8	175.1	175.4	175.7	176.0	176.3	176.6	176.9	177.2	177.5	177.8	178.1	178.4	178.7	179.0	179.3	179.6	179.9	180.2	180.5	180.8	181.1	181.4	181.7	182.0	182.3	182.6	182.9	183.2	183.5	183.8	184.1	184.4	184.7	185.0	185.3	185.6	185.9	186.2	186.5	186.8	187.1	187.4	187.7	188.0	188.3	188.6	188.9	189.2	189.5	189.8	190.1	190.4	190.7	191.0	191.3	191.6	191.9	192.2	192.5	192.8	193.1	193.4	193.7	194.0	194.3	194.6	194.9	195.2	195.5	195.8	196.1	196.4	196.7	197.0	197.3	197.6	197.9	198.2	198.5	198.8	199.1	199.4	199.7	200.0	200.3	200.6	200.9	211.2	211.5	211.8	212.1	212.4	212.7	213.0	213.3	213.6	213.9	214.2	214.5	214.8	215.1	215.4	215.7	216.0	216.3	216.6	216.9	217.2	217.5	217.8	218.1	218.4	218.7	219.0	219.3	219.6	219.9	220.2	220.5	220.8	221.1	221.4	221.7	222.0	222.3	222.6	222.9	223.2	223.5	223.8	224.1	224.4	224.7	225.0	225.3	225.6	225.9	226.2	226.5	226.8	227.1	227.4	227.7	228.0	228.3	228.6	228.9	229.2	229.5	229.8	230.1	230.4	230.7	231.0	231.3	231.6	231.9	232.2	232.5	232.8	233.1	233.4	233.7	234.0	234.3	234.6	234.9	235.2	235.5	235.8	236.1	236.4	236.7	237.0	237.3	237.6	237.9	238.2	238.5	238.8	239.1	239.4	239.7	240.0	240.3	240.6	240.9	241.2	241.5	241.8	242.1	242.4	242.7	243.0	243.3	243.6	243.9	244.2	244.5	244.8	245.1	245.4	245.7	246.0	246.3	246.6	246.9	247.2	247.5	247.8	248.1	248.4	248.7	249.0	249.3	249.6	249.9	250.2	250.5	250.8	251.1	251.4	251.7	252.0	252.3	252.6	252.9	253.2	253.5	253.8	254.1	254.4	254.7	255.0	255.3	255.6	255.9	256.2	256.5	256.8	257.1	257.4	257.7	258.0	258.3	258.6	258.9	259.2	259.5	259.8	260.1	260.4	260.7	261.0	261.3	261.6	261.9	262.2	262.5	262.8	263.1	263.4	263.7	264.0	264.3	264.6	264.9	265.2	265.5	265.8	266.1	266.4	266.7	267.0	267.3	267.6	267.9	268.2	268.5	268.8	269.1	269.4	269.7	270.0	270.3	270.6	270.9	271.2	271.5	271.8	272.1	272.4	272.7	273.0	273.3	273.6	273.9	274.2	274.5	274.8	275.1	275.4	275.7	276.0	276.3	276.6	276.9	277.2	277.5	277.8	278.1	278.4	278.7	279.0	279.3	279.6	279.9	280.2	280.5	280.8	281.1	281.4	281.7	282.0	282.3	282.6	282.9	283.2	283.5	283.8	284.1	284.4	284.7	285.0	285.3	285.6	285.9	286.2	286.5	286.8	287.1	287.4	287.7	288.0	288.3	288.6	288.9	289.2	289.5	289.8	290.1	290.4	290.7	291.0	291.3	291.6	291.9	292.2	292.5	292.8	293.1	293.4	293.7	294.0	294.3	294.6	294.9	295.2	295.5	295.8	296.1	296.4	296.7	297.0	297.3	297.6	297.9	298.2	298.5	298.8	299.1	299.4	299.7	300.0	300.3	300.6	300.9	301.2	301.5	301.8	302.1	302.4	302.7	303.0	303.3	303.6	303.9	304.2	304.5	304.8	305.1	305.4	305.7	306.0	306.3	306.6	306.9	307.2	307.5	307.8	308.1	308.4	308.7	309.0	309.3	309.6	309.9	310.2	310.5	310.8	311.1	311.4	311.7	312.0	312.3	312.6	312.9	313.2	313.5	313.8	314.1	314.4	314.7	315.0	315.3	315.6	315.9	316.2	316.5	316.8	317.1	317.4	317.7	318.0	318.3	318.6	318.9	319.2	319.5	319.8	320.1	320.4	320.7	321.0	321.3	321.6	321.9	322.2	322.5	322.8	323.1	323.4	323.7	324.0	324.3	324.6	324.9	325.2	325.5	325.8	326.1	326.4	326.7	327.0	327.3	327.6	327.9	328.2	328.5	328.8	329.1	329.4	329.7	330.0	330.3	330.6	330.9	331.2	331.5	331.8	332.1	332.4	332.7	333.0	333.3	333.6	333.9	334.2	334.5	334.8	335.1	335.4	335.7	336.0	336.3	336.6	336.9	337.2	337.5	337.8	338.1	338.4	338.7	339.0	339.3	339.6	339.9	340.2	340.5	340.8	341.1	341.4	341.7	342.0	342.3	342.6	342.9	343.2	343.5	343.8	344.1	344.4	344.7	345.0	345.3	345.6	345.9	346.2	346.5	346.8	347.1	347.4	347.7	348.0	348.3	348.6	348.9	349.2	349.5	349.8	350.1	350.4	350.7	351.0	351.3	351.6	351.9	352.2	352.5	352.8	353.1	353.4	353.7	354.0	354.3	354.6	354.9	355.2	355.5	355.8	356.1	356.4	356.7	357.0	357.3	357.6	357.9	358.2	358.5	358.8	359.1	359.4	359.7	360.0	360.3	360.6	360.9	361.2	361.5	361.8	362.1	362.4	362.7	363.0	363.3	363.6	363.9	364.2	364.5	364.8	365.1	365.4	365.7	366.0	366.3	366.6	366.9	367.2	367.5	367.8	368.1	368.4	368.7	369.0	369.3	369.6	369.9	370.2	370.5	370.8	371.1	371.4	371.7	372.0	372.3	372.6	372.9	373.2	373.5	373.8	374.1	374.4	374.7	375.0	375.3	375.6	375.9	376.2	376.5	376.8	377.1	377.4	377.7	378.0	378.3	378.6	378.9	379.2	379.5	379.8	380.1	380.4	380.7	381.0	381.3	381.6	381.9	382.2	382.5	382.8	383.1	383.4	383.7	384.0	384.3	384.6	384.9	385.2	385.5	385.8	386.1	386.4	386.7	387.0	387.3	387.6	387.9	388.2	388.5	388.8	389.1	389.4	389.7	390.0	390.3	390.6	390.9	391.2	391.5	391.8	392.1	392.4	392.7	393.0	393.3	393.6	393.9	394.2	394.5	394.8	395.1	395.4	395.7	396.0	396.3	396.6	396.9	397.2	397.5	397.8	398.

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

IDB*		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65				75				85				95				105				115					
		IDB	AIR	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	16.4	16.7	17.2	17.2	16.3	16.5	17.0	17.0	15.9	16.1	16.6	16.6	15.1	15.4	15.8	15.8	14.2	14.5	14.9	14.9	13.4	13.6	14.1	14.1	---	
	S/T	0.65	0.57	0.43	0.43	0.66	0.58	0.43	0.43	1.00	0.60	0.46	0.46	1.00	0.62	0.48	0.48	1.00	1.00	0.65	0.50	1.00	1.00	1.00	0.56	---	
	ΔT	17.89	16.21	13.08	13.03	17.84	16.16	13.03	12.27	18.08	16.40	13.27	12.50	17.82	16.15	13.01	13.01	17.60	15.92	12.79	12.79	18.65	16.97	13.84	13.84	---	
	Pr Suc	130.0	131.6	134.9	134.9	137.8	139.4	142.7	142.7	144.7	146.3	149.6	149.6	150.6	152.2	155.5	155.5	156.3	156.3	157.9	161.2	161.2	163.5	165.1	168.4	168.4	---
	Pr Dis	238.6	239.6	241.3	241.3	276.1	277.2	278.8	278.8	315.5	316.5	318.2	318.2	357.9	358.9	360.6	360.6	403.6	403.6	404.6	406.3	406.3	452.3	453.4	455.0	455.0	---
	Amps	3.02	3.02	3.01	3.01	3.43	3.43	3.42	3.42	3.88	3.88	3.87	3.87	4.37	4.37	4.36	4.36	4.92	4.92	4.92	4.91	4.91	5.56	5.56	5.55	5.55	---
	Power	778	777	776	776	871	870	869	869	975	974	973	973	1,088	1,087	1,085	1,085	1,214	1,214	1,213	1,211	1,211	1,361	1,361	1,359	1,359	---
70	MBh	16.6	16.8	17.3	17.2	16.5	16.7	17.2	17.2	16.0	16.3	16.7	16.7	15.3	15.5	16.0	16.0	14.4	14.6	15.1	15.1	13.6	13.8	14.3	14.3	---	
	S/T	0.69	0.62	0.47	0.48	0.70	0.62	0.48	0.48	1.00	0.65	0.51	0.51	1.00	0.67	0.53	0.53	1.00	1.00	0.69	0.55	1.00	1.00	0.60	0.60	---	
	ΔT	17.12	15.44	12.31	12.27	17.07	15.40	12.27	12.27	17.31	15.63	12.50	12.50	17.06	15.38	12.25	12.25	16.83	15.16	12.02	12.02	17.88	16.21	13.07	13.07	---	
	Pr Suc	131.4	133.0	136.3	136.3	139.3	140.9	144.2	144.2	146.2	147.8	151.1	151.1	152.1	153.7	157.0	157.0	157.8	159.4	162.7	162.7	165.0	166.6	169.9	169.9	---	
	Pr Dis	240.1	241.1	242.8	242.8	277.7	278.7	280.4	280.4	317.0	318.1	319.7	319.7	359.4	360.4	362.1	362.1	405.1	406.1	407.8	407.8	407.8	453.9	454.9	456.6	456.6	---
	Amps	3.04	3.04	3.03	3.03	3.45	3.44	3.43	3.43	3.90	3.89	3.89	3.89	4.39	4.38	4.38	4.38	4.93	4.93	4.93	4.92	4.92	5.58	5.57	5.57	5.57	---
	Power	782	781	779	779	875	874	872	872	979	978	977	977	1,091	1,091	1,089	1,089	1,217	1,217	1,217	1,215	1,215	1,365	1,364	1,363	1,363	---
680	MBh	16.8	17.0	17.5	17.4	16.7	16.9	17.4	17.4	16.2	16.5	16.9	16.9	15.5	15.7	16.2	16.2	14.6	14.8	15.3	15.3	13.8	14.0	14.5	14.5	---	
	S/T	0.72	0.64	0.50	0.51	0.73	0.65	0.51	0.51	1.00	0.68	0.54	0.54	1.00	0.70	0.56	0.56	1.00	1.00	0.72	0.58	1.00	1.00	0.63	0.63	---	
	ΔT	16.45	14.77	11.64	11.60	16.40	14.73	11.60	11.60	16.64	14.96	11.83	11.83	16.39	14.71	11.58	11.58	16.16	14.49	11.35	11.35	17.21	15.54	12.40	12.40	---	
	Pr Suc	133.1	134.7	138.0	138.0	140.9	142.5	145.8	145.8	147.8	149.4	152.7	152.7	153.7	155.3	158.6	158.6	159.4	161.0	164.3	164.3	166.6	168.2	171.5	171.5	---	
	Pr Dis	241.6	242.7	244.3	244.3	279.2	280.2	281.9	281.9	318.6	319.6	321.3	321.3	360.9	362.0	363.6	363.6	406.6	407.7	409.3	409.3	409.3	455.4	456.4	458.1	458.1	---
	Amps	3.05	3.05	3.04	3.04	3.46	3.46	3.45	3.45	3.91	3.91	3.90	3.90	4.40	4.40	4.39	4.39	4.95	4.95	4.95	4.94	4.94	5.59	5.59	5.58	5.58	---
	Power	785	784	782	782	878	877	876	876	982	981	980	980	1,095	1,094	1,092	1,092	1,221	1,221	1,220	1,218	1,218	1,368	1,367	1,366	1,366	---
560	MBh	16.4	16.7	17.2	17.0	16.3	16.5	17.0	17.0	15.9	16.1	16.6	16.6	15.1	15.4	15.9	15.9	14.2	14.5	15.0	15.0	13.4	13.6	14.1	14.1	---	
	S/T	0.78	0.70	0.56	0.41	1.00	0.71	0.57	0.57	1.00	0.74	0.60	0.60	1.00	0.76	0.62	0.62	1.00	1.00	0.68	0.49	1.00	1.00	0.69	0.54	0.54	
	ΔT	21.57	19.90	16.77	13.52	21.53	19.85	16.72	13.48	21.76	20.09	16.95	16.95	13.71	21.51	19.83	16.70	13.46	21.29	19.61	16.48	13.23	22.34	20.66	17.53	14.28	
	Pr Suc	130.0	131.6	134.9	140.4	137.9	139.5	142.8	148.3	144.8	146.4	149.7	152.2	150.6	152.2	155.5	161.0	161.0	156.3	157.9	161.2	166.8	163.5	165.1	168.4	173.9	
	Pr Dis	238.8	239.8	241.5	245.6	276.3	277.4	279.0	283.2	315.7	316.7	318.4	322.5	358.1	359.1	360.8	364.9	403.8	403.8	404.8	406.5	410.6	452.5	453.6	455.2	459.4	
	Amps	3.02	3.02	3.01	3.04	3.43	3.42	3.42	3.45	3.88	3.88	3.87	3.87	4.37	4.37	4.36	4.36	4.92	4.92	4.91	4.91	4.91	5.56	5.55	5.55	5.58	
	Power	777	777	775	782	870	870	868	875	975	974	972	972	1,087	1,086	1,085	1,092	1,213	1,213	1,212	1,211	1,211	1,361	1,360	1,358	1,366	
75	MBh	16.6	16.8	17.3	17.2	16.5	16.7	17.2	17.2	16.0	16.3	16.8	16.8	15.3	15.5	16.0	16.0	14.4	14.6	15.1	15.1	13.6	13.8	14.3	14.3	---	
	S/T	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.61	1.00	0.78	0.64	0.64	1.00	0.80	0.66	0.66	1.00	1.00	0.68	0.54	1.00	1.00	0.74	0.59		
	ΔT	20.81	19.13	16.00	12.76	20.76	19.08	15.95	12.71	21.00	19.32	16.19	16.19	12.95	20.74	19.07	15.94	12.69	20.52	18.84	15.71	12.47	21.57	19.89	16.76	13.52	
	Pr Suc	131.5	133.1	136.4	141.9	139.4	141.0	144.3	149.8	146.3	147.9	151.2	156.7	152.1	157.0	162.5	162.5	157.8	159.4	162.7	168.2	165.0	166.6	169.9	175.4		
	Pr Dis	240.3	241.3	243.0	247.2	277.9	278.9	280.6	284.7	317.2	318.3	320.0	324.1	359.6	360.6	362.3	366.5	405.3	406.4	408.0	412.2	454.1	455.1	456.8	460.9		
	Amps	3.04	3.03	3.03	3.06	3.44	3.44	3.43	3.46	3.89	3.89	3.88	3.88	4.38	4.38	4.37	4.41	4.93	4.93	4.92	4.92	4.95	5.57	5.57	5.56	5.59	
	Power	781	780	779	786	874	873	872	879	978	978	976	976	1,091	1,090	1,089	1,096	1,217	1,217	1,216	1,214	1,222	1,364	1,364	1,362	1,369	
680	MBh	16.8	17.0	17.5	17.4	16.7	16.9	17.4	17.4	16.2	16.5	16.9	16.9	15.5	15.7	16.2	16.2	14.6	14.8	15.3	15.3	13.8	14.0	14.5	14.5	---	
	S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.64	0.50	1.00	0.81	0.67	0.67	1.00	0.80	0.69	0.69	1.00	1.00	0.71	0.56	1.00	1.00	0.77	0.62		
	ΔT	20.14	18.46	15.33	12.08	20.09	18.41	15.28	12.04	20.33	18.65	15.52	15.52	12.27	20.07	18.40	15.27	12.02	19.85	18.17	15.04	11.80	20.90	19.22	16.09	12.85	
	Pr Suc	133.1	134.7	138.0	143.5	141.0	142.6	145.9	151.4	147.9	149.5	152.8	158.3	153.7	155.3	158.6	164.1	164.1	159.4	161.0	164.3	169.8	166.6	168.2	171.5	177.0	
	Pr Dis	241.8	242.9	244.5	248.7	279.4	280.4	282.1	286.3	318.8	319.8	321.5	325.6	361.1	362.2	363.9	368.0	406.8	407.9	409.5	413.7	455.6	456.6	458.3	462.5		
	Amps	3.05	3.05	3.04	3.07	3.46	3.45	3.45	3.48	3.91	3.91	3.90	3.93	4.40	4.40	4.39	4.42	4.95	4.95	4.94	4.94	4.97	5.59	5.58	5.58	5.61	
	Power	784	783	782	789	877	877	875	882	981	981	979	979	1,094	1,093	1,092	1,099	1,220	1,220	1,219	1,218	1,225	1,368	1,367	1,365	1,372	

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 — DZ18VC0361A\* / DV59PECD14A\* (HIGH STAGE)

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												IDB*															
			65				75				85					95														
			59	63	67	71	59	63	67	71	59	63	67	71		59	63	67	71											
			34.5	34.9	36.0	36.3	36.3	34.1	34.6	35.7	35.7	34.8	33.7	33.7	33.3	33.3	31.7	32.2	33.2	33.2	29.8	30.3	31.3	---	---	28.1	28.6	29.6	---	
			1.00	0.86	0.71	0.56	1.00	0.86	0.72	0.56	1.00	0.89	0.75	0.59	1.00	1.00	1.00	0.77	0.61	0.77	0.61	1.00	1.00	0.79	0.64	1.00	1.00	1.00	0.85	0.69
			25.97	24.26	21.05	17.72	25.93	24.21	21.00	17.67	21.24	17.92	14.48	14.39	13.92	14.08	14.39	14.95	15.48	15.03	15.68	25.68	23.96	20.75	17.43	26.76	25.04	21.83	18.50	
		<b>1130</b>	125.1	126.6	129.8	135.0	132.6	318.2	319.4	321.3	326.1	326.1	363.5	364.6	366.6	371.3	412.2	413.4	415.3	420.1	464.8	465.9	467.9	472.6	520.8	522.0	524.0	528.7		
			7.90	7.89	7.87	7.96	9.05	9.04	9.02	9.11	10.34	10.33	10.33	10.33	10.33	10.31	10.40	11.73	11.72	11.70	13.29	13.28	13.26	13.35	15.11	15.10	15.08	15.17		
			2.034	2.032	2.028	2.048	2.299	2.297	2.293	2.313	2.595	2.593	2.589	2.609	2.609	2.609	2.927	2.913	2.909	2.929	3.273	3.271	3.267	3.287	3.693	3.691	3.686	3.707		
			34.8	35.3	36.3	36.3	34.5	35.0	36.0	36.0	34.1	34.1	35.1	35.1	34.1	34.1	32.1	32.6	<b>33.6</b>	33.6	30.2	30.7	31.7	---	---	28.5	29.0	30.0	---	
			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	1.00	1.00	0.90	0.74	
			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	24.20	20.99	17.66	
		<b>80</b>	126.6	128.1	131.3	136.6	134.1	320.1	321.3	323.2	328.0	365.4	366.6	368.5	373.3	414.1	415.3	<b>417.22</b>	422.0	466.7	467.8	469.8	474.5	522.7	523.9	525.9	530.6			
			7.95	7.94	7.92	8.01	9.10	9.09	9.07	9.16	10.39	10.38	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			
			2.045	2.043	2.039	2.059	2.310	2.308	2.304	2.324	2.606	2.604	2.600	2.620	2.620	2.927	2.924	<b>2.920</b>	2.940	3.284	3.282	3.278	3.298	3.704	3.702	3.702	3.718			
			35.3	35.8	36.8	36.8	35.0	35.4	36.5	36.5	34.1	34.6	35.6	35.6	34.1	34.1	32.5	33.0	34.0	30.7	31.1	32.2	---	---	28.9	29.4	30.4	---		
			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	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	1.00	1.00	0.93	0.77		
			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	23.47	20.26	16.93	
		<b>1390</b>	128.2	129.8	132.9	138.2	135.8	320.1	321.3	323.2	328.0	367.2	368.4	370.3	375.1	416.0	417.2	419.1	423.9	468.5	469.7	471.6	476.4	524.6	525.8	527.7	532.5			
			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				
			2.055	2.053	2.048	2.069	2.320	2.318	2.313	2.334	2.616	2.614	2.609	2.630	2.630	2.936	2.934	<b>2.930</b>	2.950	3.294	3.292	3.287	3.308	3.714	3.712	3.707	3.727			

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												IDB*														
			65				75				85					95													
			59	63	67	71	59	63	67	71	59	63	67	71		59	63	67	71										
			35.0	35.5	36.5	36.5	34.7	35.2	36.2	36.2	33.8	34.3	35.3	35.3	34.3	34.3	32.3	32.8	33.8	33.8	30.4	30.9	31.9	---	---	28.7	29.2	30.2	---
			1.00	0.97	0.82	0.67	1.00	1.00	0.83	0.67	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.88	0.72	1.00	1.00	0.80	0.75	1.00	1.00	1.00	1.00	0.80	
			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	28.41	25.20	21.88
		<b>1130</b>	126.9	128.5	131.6	136.9	134.5	320.1	321.3	323.2	328.0	367.2	368.4	370.3	375.1	416.0	417.2	419.1	423.9	468.5	469.7	471.6	476.4	524.6	525.8	527.7	532.5		
			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			
			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			
			35.4	35.9	36.9	36.9	35.1	35.6	36.6	36.6	34.2	34.7	35.7	35.7	34.2	34.2	32.7	33.2	34.2	30.8	31.3	32.3	---	---	29.1	29.6	30.6	---	
			1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.72	1.00	1.00	0.91	0.75	1.00	1.00	0.93	0.77	1.00	1.00	0.80	0.80	1.00	1.00	1.00	1.00	0.85		
			28.51	26.79	23.58	20.25	28.46	26.74	23.53	20.21	28.70	26.98	23.77	20.45	28.44	26.72	23.51	20.19	28.21	26.49	23.29	19.96	29.29	27.57	24.36	21.04	27.57	24.36	21.04
		<b>1260</b>	128.4	130.0	133.1	138.4	136.0	320.1	321.3	323.2	328.0	366.7	367.8	369.8	374.5	415.4	416.6	418.5	423.3	467.9	469.1	471.1	475.8	524.0	525.2	527.1	531.9		
			7.97	7.96	7.94	8.03	9.12	9.12	9.10	9.18	10.41	10.40	10.38	10.47	11.80	11.79	11.77	11.86	13.36	13.35	13.33	13.42	15.18	15.18	15.17	15.24			
			2.050	2.048	2.044	2.064	2.316	2.313	2.309	2.329	2.611	2.609	2.605	2.625	2.932	2.930	2.925	2.945	3.289	3.287	3.283	3.303	3.709	3.707	3.702	3.723			
			35.8	36.3	37.3	37.3	35.5	36.0	37.0	37.0	34.6	35.1	36.1	36.1	34.6	34.6	33.1	33.6	34.6	31.2	31.7	32.7	---	---	29.5	30.0	31.0	---	
			1.00	1.00	0.90	0.75	1.00	1.00	0.91	0.76	1.00	1.00	0.94	0.78	1.00	1.00	0.96	0.80	1.00	1.00	0.83	0.83	1.00	1.00	1.00	1.00	0.88		
			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	28.56	26.84	23.63
		<b>1390</b>	130.1	131.6	134.8	140.1	137.6	320.1	321.3	323.2	328.0	368.5	369.7	371.6	376.4	417.3	418.4	420.4	425.1	469.8	471.0	472.9	477.7	525.9	527.1	529.0	533.8		
			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			
			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 — DZ18VC0361A\* / DV59PECD14A\* (LOW STAGE)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																	
		65						75						85						95						105						115															
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79										
870	MBh	24.6	25.0	25.7	26.0	26.0	24.4	24.8	25.5	26.1	26.1	24.4	24.7	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	20.1	20.4	21.2	21.2	20.4	20.7	21.4	21.4						
	S/T	0.68	0.60	0.45	0.50	0.50	0.74	0.66	0.51	0.51	0.51	1.00	0.69	0.54	0.54	1.00	0.71	0.56	0.48	0.48	0.48	1.00	0.73	0.58	0.58	1.00	0.64	0.64	0.64	0.64	0.64	0.64	1.00	1.00	0.74	0.59	0.74	0.59	1.00	1.00	0.74	0.59					
	ΔT	17.75	16.09	12.99	12.18	12.18	17.70	16.04	12.94	12.13	12.13	17.12	15.46	12.37	12.37	16.87	15.21	12.12	13.18	13.18	13.18	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71	12.71	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71					
	Pr Suc	128.0	129.5	132.8	134.4	134.4	135.7	137.3	140.6	142.1	142.1	144.1	145.7	148.9	148.9	149.8	151.4	154.7	153.1	153.1	153.1	153.9	155.5	157.1	160.3	160.3	155.5	157.1	160.3	160.3	160.3	162.6	164.1	167.4	167.4	162.6	164.1	167.4	167.4	162.6	164.1	167.4	167.4				
	Pr Dis	262.0	263.3	265.1	267.0	267.0	303.5	304.6	306.5	306.5	306.5	346.8	347.9	349.7	351.6	351.6	395.2	396.3	396.3	396.3	396.3	396.3	443.6	444.7	446.6	446.6	443.6	444.7	446.6	446.6	446.6	497.2	498.3	500.2	500.2	497.2	498.3	500.2	500.2	497.2	498.3	500.2	500.2				
	Amps	4.97	4.97	4.95	4.95	4.95	5.70	5.69	5.68	5.68	5.68	6.50	6.50	6.49	6.49	7.38	7.37	7.36	7.36	7.36	7.36	8.36	8.35	8.34	8.34	8.36	8.35	8.34	8.34	8.34	9.51	9.50	9.49	9.49	9.51	9.50	9.49	9.49	9.51	9.50	9.49	9.49					
	Power	1,280	1,278	1,276	1,283	1,283	1,446	1,445	1,442	1,442	1,442	1,633	1,631	1,628	1,628	1,834	1,833	1,830	1,830	1,830	1,830	2,059	2,058	2,055	2,055	2,059	2,058	2,055	2,055	2,323	2,322	2,319	2,319	2,323	2,322	2,319	2,319	2,323	2,322	2,319	2,319						
70	MBh	24.9	25.2	26.0	26.0	26.0	24.7	25.0	25.8	26.1	26.1	24.4	24.7	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	21.6	21.9	22.7	22.7	21.6	21.9	22.7	22.7	20.4	20.7	21.4	21.4	20.4	20.7	21.4	21.4	20.4	20.7	21.4	21.4						
	S/T	0.74	0.65	0.50	0.50	0.50	0.74	0.66	0.51	0.51	0.51	1.00	0.69	0.54	0.54	1.00	0.71	0.56	0.48	0.48	0.48	1.00	0.73	0.58	0.58	1.00	0.64	0.64	0.64	1.00	1.00	0.74	0.59	0.74	0.59	1.00	1.00	0.74	0.59	1.00	1.00	0.74	0.59				
	ΔT	16.93	15.28	12.18	12.18	12.18	16.89	15.23	12.13	12.13	12.13	17.12	15.46	12.37	12.37	16.87	15.21	12.12	13.18	13.18	13.18	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71	12.71	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71	17.46	15.80	12.71	12.71					
	Pr Suc	129.5	131.1	134.4	136.1	136.1	137.3	138.9	142.1	142.1	142.1	144.1	145.7	148.9	148.9	149.8	151.4	154.7	153.1	153.1	153.1	153.9	155.5	157.1	160.3	160.3	155.5	157.1	160.3	160.3	162.6	164.1	167.4	167.4	162.6	164.1	167.4	167.4	162.6	164.1	167.4	167.4					
	Pr Dis	264.0	265.1	267.0	267.0	267.0	305.3	306.4	308.3	308.3	308.3	348.6	349.7	351.6	351.6	395.2	396.3	396.3	396.3	396.3	396.3	443.6	444.7	446.6	446.6	443.6	444.7	446.6	446.6	499.0	500.2	502.0	502.0	499.0	500.2	502.0	502.0	499.0	500.2	502.0	502.0	499.0	500.2	502.0	502.0		
	Amps	5.00	5.00	4.98	4.98	4.98	5.73	5.72	5.71	5.71	5.71	6.54	6.53	6.52	6.52	7.41	7.41	7.39	7.39	7.39	7.39	8.39	8.38	8.37	8.37	8.39	8.38	8.37	8.37	9.54	9.53	9.52	9.52	9.54	9.53	9.52	9.52	9.54	9.53	9.52	9.52	9.54	9.53	9.52	9.52		
	Power	1,287	1,285	1,283	1,288	1,288	1,453	1,452	1,449	1,449	1,449	1,640	1,638	1,635	1,635	1,841	1,840	1,837	1,837	1,837	1,837	2,066	2,065	2,062	2,062	2,066	2,065	2,062	2,062	2,330	2,329	2,326	2,326	2,330	2,329	2,326	2,326	2,330	2,329	2,326	2,326	2,330	2,329	2,326	2,326		
1070	MBh	25.2	25.6	26.3	26.3	26.3	25.0	25.3	26.1	26.1	26.1	24.4	24.7	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	21.9	22.2	23.0	23.0	21.9	22.2	23.0	23.0	20.7	21.0	21.7	21.7	20.7	21.0	21.7	21.7	20.7	21.0	21.7	21.7	20.7	21.0	21.7	21.7		
	S/T	0.77	0.68	0.53	0.53	0.53	0.78	0.69	0.54	0.54	0.54	1.00	0.72	0.57	0.57	1.00	0.74	0.59	0.48	0.48	0.48	1.00	0.77	0.62	0.62	1.00	0.67	0.67	0.67	1.00	1.00	0.67	0.67	1.00	1.00	0.67	0.67	1.00	1.00	0.67	0.67	1.00	1.00	0.67	0.67		
	ΔT	16.23	14.57	11.47	11.47	11.47	16.18	14.53	11.43	11.43	11.43	16.42	14.76	11.66	11.66	16.17	14.51	11.41	12.37	12.37	12.37	15.95	14.29	11.19	11.19	15.95	14.29	11.19	11.19	16.98	15.33	12.23	12.23	16.98	15.33	12.23	12.23	16.98	15.33	12.23	12.23	16.98	15.33	12.23	12.23		
	Pr Suc	131.2	132.8	136.1	136.1	136.1	139.0	140.6	143.8	143.8	143.8	145.8	147.4	150.6	150.6	151.5	153.1	156.4	156.4	156.4	156.4	157.2	158.8	162.0	162.0	157.2	158.8	162.0	162.0	164.3	165.8	169.1	169.1	164.3	165.8	169.1	169.1	164.3	165.8	169.1	169.1	164.3	165.8	169.1	169.1		
	Pr Dis	265.8	266.9	268.7	268.7	268.7	307.1	308.2	310.1	310.1	310.1	350.4	351.5	353.3	353.3	397.0	398.1	399.9	399.9	399.9	399.9	447.2	448.3	450.2	450.2	447.2	448.3	450.2	450.2	500.8	501.9	503.8	503.8	500.8	501.9	503.8	503.8	500.8	501.9	503.8	503.8	500.8	501.9	503.8	503.8		
	Amps	5.03	5.02	5.01	5.01	5.01	5.75	5.75	5.73	5.73	5.73	6.56	6.56	6.54	6.54	7.44	7.43	7.42	7.42	7.42	7.42	8.42	8.41	8.40	8.40	8.42	8.41	8.40	8.40	9.56	9.56	9.55	9.55	9.56	9.56	9.55	9.55	9.56	9.56	9.55	9.55	9.56	9.56	9.55	9.55	9.56	9.56
	Power	1,293	1,292	1,289	1,289	1,289	1,460	1,458	1,455	1,455	1,455	1,646	1,644	1,641	1,641	1,847	1,846	1,843	1,843	1,843	1,843	2,072	2,071	2,068	2,068	2,072	2,071	2,068	2,068	2,336	2,335	2,332	2,332	2,336	2,335	2,332	2,332	2,336	2,335	2,332	2,332	2,336	2,335	2,332	2,332		

870	MBh	24.6	25.0	25.7	26.0	26.0	24.4	24.8	25.5	26.1	26.1	24.4	24.7	25.4	25.4	23.2	23.6	24.3	24.9	25.4	25.4	21.6	21.9	22.7	22.7	21.6	21.9	22.7	22.7	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	
	S/T	0.83	0.74	0.59	0.43	0.43	1.00	0.75	0.60	0.44	0.44	1.00	0.78	0.63	0.63	0.47	0.80	0.65	0.49	0.49	0.49	21.3	21.7	22.4	22.4	21.3	21.7	22.4	22.4	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	20.1	20.4	21.2	21.2	
	ΔT	21.39	19.73	16.64	13.43	13.43	21.35	19.69	16.59	13.38	13.38	21.58	19.92	16.82	16.82	13.62	13.62	13.62	13.62	13.62	13.62	15.93	14.27	11.17	11.17	15.93	14.27	11.17	11.17	22.15	20.49	17.39	17.39	22.15	20.49	17.39	17.39	22.15	20.49	17.39	17.39	22.15	20.49	17.39	17.39	
	Pr Suc	128.0	129.6	132.8	138.3	138.3	135.8	137.3	140.6	146.0	146.0	142.6	144.1	147.4	147.4	152.8	148.3	149.9	153.1	158.6	158.6	154.0	155.5	158.8	164.2	161.0	162.6	164.2	161.0	162.6	165.9	171.3	164.2	165.9	161.0	162.6	165.9	171.3	164.2	165.9	161.0	162.6	165.9	171.3		
	Pr Dis	262.4	263.5	265.4	269.9	269.9	303.7	304.8	306.7	311.3	311.3	347.0	348.1	350.0	350.0	354.5	393.6	394.7	396.6	401.1	401.1	443.8	445.0	446.8	446.8	443.8	445.0	446.8	446.8	497.4	498.6	500.4	500.4	497.4	498.6	500.4	500.4	497.4	498.6	500.4	500.4	497.4	498.6	500.4	500.4	
	Amps	4.97	4.96	4.95	5.00	5.00	5.69	5.69	5.67	5.73	5.73	6.50	6.49	6.48	6.48	7.38	7.37	7.36	7.41	7.41	8.35	8.35	8.34	8.34	8.39	8.39	8.39	8.39	9.50	9.50	9.48	9.48	9.50	9.50	9.48	9.48	9.50	9.50	9.48	9.48	9.50	9.50	9.48	9.48	9.50	9.50
	Power	1,279	1,277	1,275	1,287	1,287	1,445	1,444	1,441	1,441	1,441	1,632	1,630	1,627	1,627	1,833	1,832	1,829	1,829																											





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

ID DB AIR		OUTDOOR AMBIENT 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
		ENTERING INDOOR WET BULB TEMPERATURE																													
1240	MBh	46.2	46.8	48.2	---	45.7	46.4	47.8	---	44.5	45.2	46.6	---	42.5	43.1	44.5	---	40.0	40.6	42.0	---	37.7	38.3	39.7	---						
	S/T	0.86	0.78	0.65	0.51	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	1.00	0.77	0.63						
	ΔT	28.61	26.72	23.18	19.52	28.56	26.67	23.13	19.46	28.83	26.93	23.40	19.73	28.54	26.65	23.11	19.44	28.29	26.39	22.86	19.19	29.48	27.58	24.04	20.38						
	Pr Suc	118.6	120.1	123.1	128.1	125.8	127.2	130.2	135.2	132.1	133.5	136.5	141.5	137.4	138.8	141.8	146.8	142.6	144.0	147.0	152.0	149.1	150.5	153.5	158.6						
	Pr Dis	272.3	273.5	275.4	280.1	315.1	316.3	318.2	322.9	359.9	361.1	363.0	367.7	408.2	409.3	411.2	416.0	460.2	461.4	463.3	468.0	515.7	516.9	518.8	523.5						
	Amps	10.51	10.49	10.47	10.59	12.09	12.08	12.05	12.17	13.86	13.85	13.82	13.94	15.77	15.76	15.73	15.86	17.91	17.90	17.87	17.99	20.42	20.41	20.38	20.50						
	Power	2,681	2,679	2,672	2,700	3,046	3,043	3,037	3,065	3,453	3,450	3,444	3,471	3,893	3,890	3,884	3,912	4,385	4,382	4,376	4,404	4,962	4,959	4,953	4,981						
80	MBh	46.6	47.3	48.7	---	46.2	46.9	48.3	---	45.0	45.7	47.1	---	43.0	43.6	45.0	---	40.5	41.1	42.5	---	38.2	38.8	40.2	---						
	S/T	0.90	0.83	0.70	0.56	1.00	0.83	0.70	0.56	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.60	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68						
	ΔT	27.70	25.81	22.27	18.61	27.65	25.76	22.22	18.55	27.92	26.02	22.49	18.82	27.63	25.74	22.20	18.53	27.38	25.48	21.95	18.28	28.56	26.67	23.13	19.47						
	Pr Suc	120.0	121.5	124.5	129.5	127.2	128.6	131.6	136.7	133.5	134.9	137.9	142.9	138.8	140.2	143.2	148.2	144.0	145.4	148.4	153.4	150.5	152.0	155.0	160.0						
	Pr Dis	274.2	275.3	277.2	282.0	316.9	318.1	320.0	324.7	361.8	362.9	364.8	369.6	410.0	411.2	413.0	417.8	462.0	463.2	465.1	469.9	517.6	518.7	520.7	525.4						
	Amps	10.57	10.56	10.53	10.65	12.16	12.14	12.12	12.24	13.92	13.91	13.89	14.01	15.84	15.83	15.80	15.92	17.98	17.97	17.94	18.06	20.49	20.47	20.45	20.57						
	Power	2,696	2,694	2,687	2,715	3,061	3,058	3,052	3,080	3,468	3,465	3,459	3,487	3,908	3,905	3,899	3,927	4,400	4,397	4,391	4,419	4,977	4,974	4,968	4,996						
1520	MBh	47.2	47.9	49.2	---	46.8	47.5	48.8	---	45.6	46.3	47.6	---	43.6	44.2	45.6	---	41.0	41.7	43.1	---	38.8	39.4	40.8	---						
	S/T	0.93	0.86	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.85	0.71						
	ΔT	26.91	25.02	21.48	17.81	26.86	24.96	21.43	17.76	27.13	25.23	21.69	18.03	26.84	24.94	21.41	17.74	26.59	24.69	21.15	17.49	27.77	25.88	22.34	18.68						
	Pr Suc	121.6	123.0	126.0	131.0	128.7	130.2	133.2	138.2	135.0	136.5	139.5	144.5	140.3	141.8	144.8	149.8	145.5	147.0	150.0	155.0	152.0	153.5	156.5	161.5						
	Pr Dis	276.0	277.1	279.0	283.8	318.7	319.9	321.8	326.6	363.6	364.7	366.6	371.4	411.8	413.0	414.9	419.6	463.9	465.0	466.9	471.7	519.4	520.6	522.5	527.2						
	Amps	10.63	10.62	10.59	10.71	12.21	12.20	12.17	12.29	13.98	13.97	13.94	14.06	15.90	15.88	15.86	15.98	18.03	18.02	17.99	18.12	20.54	20.53	20.50	20.63						
	Power	2,709	2,707	2,700	2,728	3,074	3,071	3,065	3,093	3,481	3,478	3,472	3,500	3,921	3,918	3,912	3,940	4,413	4,410	4,404	4,432	4,990	4,987	4,981	5,009						

ID DB AIR		OUTDOOR AMBIENT 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
		ENTERING INDOOR WET BULB TEMPERATURE																													
1240	MBh	46.9	47.6	48.9	---	46.5	47.2	48.5	---	45.3	46.0	47.3	---	43.3	43.9	45.3	---	40.7	41.4	42.8	---	38.5	39.1	40.5	---						
	S/T	1.00	0.88	0.75	0.61	1.00	0.89	0.76	0.62	1.00	0.91	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73						
	ΔT	32.33	30.44	26.90	23.24	32.28	30.39	26.85	23.18	32.55	30.65	27.12	23.45	32.26	30.37	26.83	23.16	32.01	30.11	26.58	22.91	33.20	31.30	27.76	24.10						
	Pr Suc	120.4	121.8	124.8	129.8	127.5	129.0	132.0	137.0	133.8	135.3	138.3	143.3	139.1	140.6	143.6	148.6	144.3	145.8	148.8	153.8	150.8	152.3	155.3	160.3						
	Pr Dis	273.6	274.7	276.7	281.4	316.4	317.5	319.4	324.2	361.2	362.3	364.3	369.0	409.4	410.6	412.5	417.2	461.5	462.6	464.5	469.3	517.0	518.2	520.1	524.8						
	Amps	10.54	10.52	10.50	10.62	12.12	12.11	12.08	12.20	13.89	13.88	13.85	13.97	15.80	15.79	15.76	15.89	17.94	17.93	17.90	18.02	20.45	20.44	20.41	20.53						
	Power	2,688	2,686	2,679	2,707	3,053	3,050	3,044	3,072	3,460	3,457	3,451	3,478	3,900	3,897	3,891	3,919	4,392	4,389	4,383	4,411	4,969	4,966	4,960	4,988						
85	MBh	47.4	48.1	49.4	---	47.0	47.7	49.0	---	45.8	46.5	47.8	---	43.8	44.4	45.8	---	41.2	41.9	43.3	---	38.9	39.6	41.0	---						
	S/T	1.00	0.93	0.79	0.65	1.00	0.93	0.80	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.92	0.78						
	ΔT	31.42	29.53	25.99	22.33	31.37	29.48	25.94	22.27	31.64	29.74	26.20	22.54	31.35	29.46	25.92	22.25	31.10	29.20	25.67	22.00	32.28	30.39	26.85	23.19						
	Pr Suc	121.8	123.3	126.2	131.3	129.0	130.4	133.4	138.4	135.2	136.7	139.7	144.7	140.5	142.0	145.0	150.0	145.7	147.2	150.2	155.2	152.3	153.7	156.7	161.7						
	Pr Dis	275.4	276.6	278.5	283.2	318.2	319.4	321.3	326.0	363.0	364.2	366.1	370.8	411.3	412.5	414.4	419.1	463.3	464.5	466.4	471.1	518.8	520.0	521.9	526.7						
	Amps	10.60	10.59	10.56	10.68	12.19	12.17	12.15	12.27	13.96	13.94	13.92	14.04	15.87	15.86	15.83	15.95	18.01	18.00	17.97	18.09	20.52	20.50	20.48	20.60						
	Power	2,703	2,701	2,694	2,722	3,068	3,065	3,059	3,087	3,475	3,472	3,466	3,493	3,915	3,912	3,906	3,934	4,407	4,404	4,398	4,426	4,984	4,981	4,975	5,003						
1520	MBh	48.0	48.6	50.0	---	47.6	48.2	49.6	---	46.4	47.0	48.4	---	44.3	45.0	46.3	---	41.8	42.5	43.8	---	39.5	40.2	41.5	---						
	S/T	1.00	0.96	0.82	0.68	1.00	0.96	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.95	0.81						
	ΔT	30.63	28.74	25.20	21.53	30.58	28.68	25.15	21.48	30.85	28.95	25.41	21.75	30.56	28.66	25.13	21.46	30.31	28.41	24.87	21.21	31.49	29.60	26.06	22.39						
	Pr Suc	123.3	124.8	127.8	132.8	130.5	132.0	135.0	140.0	136.8	138.2	141.2	146.2	142.1	143.5	146.5	151.5	147.3	148.7	151.7	156.8	153.8	155.3	158.3	163.3						
	Pr Dis	277.2	278.4	280.3	285.0	320.0	321.2	323.1	327.8	364.8	366.0	367.9	372.6	413.1	414.3	416.2	420.9	465.1	466.3	468.2	472.9	520.7	521.8	523.7	528.5						
	Amps	10.66	10.65	10.62	10.74	12.24	12.23	12.20	12.32	14.01	14.00	13.97	14.09	15.93	15.91	15.89	16.01	18.06	18.05	18.03	18.15	20.57	20.56	20.53	20.66						
	Power	2,716	2,714	2,707	2,735	3,081	3,078	3,072	3,100	3,488	3,485	3,479	3,507	3,928	3,925	3,919	3,947	4,420	4,417	4,411	4,439	4,997	4,994	4,988	5,016						

IDB\*: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRF 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	0.40	0.76	0.68	0.55	0.42	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.80	0.67	0.52								
	ΔT	23.57	21.74	18.33	14.79	23.52	21.69	18.28	14.74	23.78	21.95	18.53	15.00	23.50	21.67	18.26	14.72	23.26	21.43	18.01	14.48	24.40	22.57	19.16	15.62								
	Pr Suc	121.4	122.9	126.0	131.1	128.8	130.3	133.3	138.5	135.2	136.7	139.8	144.9	140.7	142.2	145.2	150.4	146.0	147.5	150.6	155.7	152.7	154.2	157.3	162.5								
	Pr Dis	259.8	261.0	262.8	267.3	300.7	301.9	303.7	308.2	343.6	344.7	346.5	351.0	389.7	390.8	392.7	397.2	439.5	440.6	442.4	446.9	492.5	493.7	495.5	500.0								
Amps	6.60	6.60	6.58	6.65	7.60	7.59	7.57	7.65	8.71	8.70	8.69	8.76	9.92	9.91	9.89	9.97	11.26	11.25	11.24	11.31	12.84	12.83	12.81	12.89									
Power	1.685	1.684	1.680	1.697	1.915	1.913	1.909	1.926	2.170	2.169	2.165	2.182	2.447	2.446	2.442	2.459	2.757	2.755	2.751	2.769	3.120	3.118	3.114	3.132									
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	0.44	0.81	0.73	0.59	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.52	1.00	1.00	0.71	0.57								
	ΔT	22.69	20.86	17.44	13.91	22.64	20.81	17.39	13.86	22.89	21.06	17.65	14.11	22.62	20.79	17.37	13.84	22.37	20.54	17.13	13.59	23.52	21.69	18.28	14.74								
	Pr Suc	122.9	124.4	127.4	132.6	130.2	131.7	134.8	140.0	136.7	138.2	141.2	146.4	142.1	143.6	146.7	151.9	147.5	149.0	152.1	157.2	154.2	155.7	158.8	163.9								
	Pr Dis	261.6	262.7	264.6	269.1	302.5	303.6	305.5	310.0	345.4	346.5	348.3	352.8	391.5	392.6	394.4	399.0	441.2	442.3	444.2	448.7	494.3	495.4	497.3	501.8								
Amps	6.64	6.64	6.62	6.70	7.64	7.63	7.62	7.69	8.75	8.75	8.73	8.80	9.96	9.95	9.93	10.01	11.30	11.29	11.28	11.35	12.88	12.87	12.86	12.93									
Power	1.695	1.693	1.689	1.707	1.924	1.922	1.918	1.936	2.180	2.178	2.174	2.192	2.457	2.455	2.451	2.469	2.766	2.765	2.761	2.778	3.129	3.128	3.124	3.141									
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	28.1	29.1	---								
	S/T	0.83	0.75	0.62	0.47	0.84	0.76	0.62	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.55	1.00	1.00	0.74	0.60								
	ΔT	21.92	20.09	16.68	13.14	21.87	20.04	16.63	13.09	22.13	20.30	16.88	13.35	21.85	20.02	16.61	13.07	21.61	19.78	16.36	12.83	22.75	20.92	17.51	13.97								
	Pr Suc	124.4	125.9	129.0	134.2	131.8	133.3	136.4	141.5	138.3	139.8	142.8	148.0	143.7	145.2	148.3	153.4	149.1	150.6	153.6	158.8	155.8	157.3	160.3	165.5								
	Pr Dis	263.4	264.5	266.3	270.8	304.3	305.4	307.2	311.7	347.1	348.2	350.0	354.6	393.2	394.4	396.2	400.7	443.0	444.1	445.9	450.4	496.1	497.2	499.0	503.5								
Amps	6.68	6.67	6.66	6.73	7.68	7.67	7.65	7.73	8.79	8.78	8.76	8.84	9.99	9.99	9.97	10.04	11.34	11.33	11.31	11.39	12.92	12.91	12.89	12.97									
Power	1.703	1.701	1.697	1.715	1.932	1.931	1.927	1.944	2.188	2.186	2.183	2.200	2.465	2.463	2.459	2.477	2.775	2.773	2.769	2.786	3.138	3.136	3.132	3.149									

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)

		OUTDOOR AMBIENT TEMPERATURE												105												115													
		85						95						75						95						105						115							
ID	DB	AIR	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115			
		ENTERING INDOOR WET BULB TEMPERATURE																																					
<b>80</b>		MBh	33.2	33.6	34.0	34.6	35.0	35.4	35.8	36.2	36.6	37.0	37.4	37.8	38.2	38.6	39.0	39.4	39.8	40.2	40.6	41.0	41.4	41.8	42.2	42.6	43.0	43.4	43.8	44.2	44.6	45.0	45.4	45.8	46.2	46.6	47.0		
		S/T	0.88	0.80	0.72	0.64	0.56	0.48	0.40	0.32	0.24	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		ΔT	27.62	25.79	23.77	21.84	19.91	18.00	16.16	14.40	12.80	11.32	10.00	8.80	7.72	6.76	5.92	5.20	4.58	4.06	3.64	3.32	3.08	2.92	2.80	2.72	2.68	2.64	2.60	2.56	2.52	2.48	2.44	2.40	2.36	2.32	2.28	2.24	2.20
		Pr Suc	121.9	123.4	126.5	131.7	139.0	148.8	160.8	175.2	192.4	211.6	232.8	256.0	281.2	308.4	337.6	368.8	402.0	437.2	474.4	512.6	551.8	592.0	633.2	675.4	718.6	762.8	808.0	854.2	901.4	949.6	1000.0	1052.2	1106.0	1161.0	1217.0	1274.0	1332.0
		Amps	6.61	6.60	6.60	6.66	6.70	6.76	6.82	6.88	6.94	7.00	7.06	7.12	7.18	7.24	7.30	7.36	7.42	7.48	7.54	7.60	7.66	7.72	7.78	7.84	7.90	7.96	8.02	8.08	8.14	8.20	8.26	8.32	8.38	8.44	8.50	8.56	8.62
	Power	1.687	1.685	1.681	1.698	1.708	1.716	1.724	1.732	1.740	1.748	1.756	1.764	1.772	1.780	1.788	1.796	1.804	1.812	1.820	1.828	1.836	1.844	1.852	1.860	1.868	1.876	1.884	1.892	1.900	1.908	1.916	1.924	1.932	1.940	1.948	1.956	1.964	1.972
<b>970</b>		MBh	33.5	34.0	34.5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.0	50.5	51.0	
		S/T	1.00	0.85	0.71	0.57	0.43	0.29	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		ΔT	26.73	24.90	21.49	17.95	14.41	10.87	7.32	3.78	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		Pr Suc	123.4	124.9	128.0	133.1	140.8	151.2	164.4	180.4	198.6	218.8	241.0	265.2	291.4	319.6	349.8	382.0	416.2	452.4	490.6	530.8	573.0	617.2	663.4	711.6	762.0	814.4	868.8	925.2	983.6	1044.0	1106.4	1170.8	1237.2	1305.6	1376.0	1448.4	1522.8
		Amps	6.65	6.64	6.62	6.70	6.75	6.82	6.88	6.94	7.00	7.06	7.12	7.18	7.24	7.30	7.36	7.42	7.48	7.54	7.60	7.66	7.72	7.78	7.84	7.90	7.96	8.02	8.08	8.14	8.20	8.26	8.32	8.38	8.44	8.50	8.56	8.62	8.68
	Power	1.696	1.694	1.690	1.708	1.718	1.726	1.734	1.742	1.750	1.758	1.766	1.774	1.782	1.790	1.798	1.806	1.814	1.822	1.830	1.838	1.846	1.854	1.862	1.870	1.878	1.886	1.894	1.902	1.910	1.918	1.926	1.934	1.942	1.950	1.958	1.966	1.974	
<b>1080</b>		MBh	34.0	34.4	34.8	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.2	39.6	40.0	40.4	40.8	41.2	41.6	42.0	42.4	42.8	43.2	43.6	44.0	44.4	44.8	45.2	45.6	46.0	46.4	46.8	47.2	47.6	48.0	
		S/T	1.00	0.88	0.74	0.60	0.46	0.32	0.18	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ΔT	25.97	24.14	20.72	17.19	13.66	10.13	6.60	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Pr Suc	125.0	126.5	129.6	134.7	141.8	150.9	162.0	175.2	190.4	207.6	226.8	248.0	271.2	296.4	323.6	353.0	384.4	417.8	453.2	490.6	530.0	572.4	617.8	666.2	716.6	769.0	823.4	879.8	938.2	998.6	1061.0	1125.4	1191.8	1260.2	1330.6	1403.0	1477.4
		Amps	6.69	6.68	6.66	6.74	6.78	6.84	6.90	6.96	7.02	7.08	7.14	7.20	7.26	7.32	7.38	7.44	7.50	7.56	7.62	7.68	7.74	7.80	7.86	7.92	7.98	8.04	8.10	8.16	8.22	8.28	8.34	8.40	8.46	8.52	8.58	8.64	
	Power	1.704	1.702	1.699	1.716	1.724	1.732	1.740	1.748	1.756	1.764	1.772	1.780	1.788	1.796	1.804	1.812	1.820	1.828	1.836	1.844	1.852	1.860	1.868	1.876	1.884	1.892	1.900	1.908	1.916	1.924	1.932	1.940	1.948	1.956	1.964	1.972	1.980	
<b>1190</b>		MBh	34.0	34.4	34.8	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.2	39.6	40.0	40.4	40.8	41.2	41.6	42.0	42.4	42.8	43.2	43.6	44.0	44.4	44.8	45.2	45.6	46.0	46.4	46.8	47.2	47.6	48.0	
		S/T	1.00	0.88	0.74	0.60	0.46	0.32	0.18	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ΔT	25.97	24.14	20.72	17.19	13.66	10.13	6.60	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Pr Suc	125.0	126.5	129.6	134.7	141.8	150.9	162.0	175.2	190.4	207.6	226.8	248.0	271.2	296.4	323.6	353.0	384.4	417.8	453.2	490.6	530.0	572.4	617.8	666.2	716.6	769.0	823.4	879.8	938.2	998.6	1061.0	1125.4	1191.8	1260.2	1330.6	1403.0	1477.4
		Amps	6.69	6.68	6.66	6.74	6.78	6.84	6.90	6.96	7.02	7.08	7.14	7.20	7.26	7.32	7.38	7.44	7.50	7.56	7.62	7.68	7.74	7.80	7.86	7.92	7.98	8.04	8.10	8.16	8.22	8.28	8.34	8.40	8.46	8.52	8.58	8.64	
	Power	1.704	1.702	1.699	1.716	1.724	1.732	1.740	1.748	1.756	1.764	1.772	1.780	1.788	1.796	1.804	1.812	1.820	1.828	1.836	1.844	1.852	1.860	1.868	1.876	1.884	1.892	1.900	1.908	1.916	1.924	1.932	1.940	1.948	1.956	1.964	1.972	1.980	

<b>970</b>		MBh	33.7	34.2	35.2	36.2	37.2	38.2	39.2	40.2	41.2	42.2	43.2	44.2	45.2	46.2	47.2	48.2	49.2	50.2	51.2	52.2	53.2	54.2	55.2	56.2	57.2	58.2	59.2	60.2	61.2	62.2	63.2	64.2	65.2	66.2		
		S/T	1.00	0.91	0.77	0.63	0.49	0.35	0.21	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		ΔT	31.21	29.38	25.96	22.43	18.90	15.37	11.84	8.31	4.78	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
		Pr Suc	123.7	125.2	128.3	133.5	140.8	150.2	161.6	175.0	190.4	207.8	227.2	248.6	272.0	298.4	326.8	357.2	389.6	424.0	460.4	498.8	539.2	581.6	626.0	672.4	720.8	771.2	823.6	878.0	934.4	992.8	1053.2	1115.6	1180.0	1246.4	1314.8	1385.2
		Amps	6.63	6.62	6.60	6.68	6.72	6.78	6.84	6.90	6.96	7.02	7.08	7.14	7.20	7.26	7.32	7.38	7.44	7.50	7.56	7.62	7.68	7.74	7.80	7.86	7.92	7.98	8.04	8.10	8.16	8.22	8.28	8.34	8.40	8.46	8.52	
	Power	1.691	1.689	1.685	1.703	1.713	1.721	1.729	1.737	1.745	1.753	1.761	1.769	1.777	1.785	1.793	1.801	1.809	1.817	1.825	1.833	1.841																

EXPANDED COOLING DATA — DZ18VC0601A\* / DV61PECD14A\* (HIGH STAGE)

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



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<b>80</b>	MBh	54.3	55.1	56.7	57.3	58.2	59.0	60.8	62.5	64.2	52.5	53.2	54.8	55.4	56.0	56.7	57.4	58.1	58.8	59.5	60.2	50.0	50.8	51.4	52.0	52.6	53.3	54.0	54.7	55.4	56.1	56.8	57.5	58.2	58.9	59.6	60.3	61.0	61.7	62.4	63.1	63.8	64.5	65.2	65.9	66.6	67.3	68.0	68.7	69.4	70.1	70.8	71.5	72.2	72.9	73.6	74.3	75.0	75.7	76.4	77.1	77.8	78.5	79.2	79.9	80.6	81.3	82.0	82.7	83.4	84.1	84.8	85.5	86.2	86.9	87.6	88.3	89.0	89.7	90.4	91.1	91.8	92.5	93.2	93.9	94.6	95.3	96.0	96.7	97.4	98.1	98.8	99.5	100.2	100.9	101.6	102.3	103.0	103.7	104.4	105.1	105.8	106.5	107.2	107.9	108.6	109.3	110.0	110.7	111.4	112.1	112.8	113.5	114.2	114.9	115.6	116.3	117.0	117.7	118.4	119.1	119.8	120.5	121.2	121.9	122.6	123.3	124.0	124.7	125.4	126.1	126.8	127.5	128.2	128.9	129.6	130.3	131.0	131.7	132.4	133.1	133.8	134.5	135.2	135.9	136.6	137.3	138.0	138.7	139.4	140.1	140.8	141.5	142.2	142.9	143.6	144.3	145.0	145.7	146.4	147.1	147.8	148.5	149.2	149.9	150.6	151.3	152.0	152.7	153.4	154.1	154.8	155.5	156.2	156.9	157.6	158.3	159.0	159.7	160.4	161.1	161.8	162.5	163.2	163.9	164.6	165.3	166.0	166.7	167.4	168.1	168.8	169.5	170.2	170.9	171.6	172.3	173.0	173.7	174.4	175.1	175.8	176.5	177.2	177.9	178.6	179.3	180.0	180.7	181.4	182.1	182.8	183.5	184.2	184.9	185.6	186.3	187.0	187.7	188.4	189.1	189.8	190.5	191.2	191.9	192.6	193.3	194.0	194.7	195.4	196.1	196.8	197.5	198.2	198.9	199.6	200.3	201.0	201.7	202.4	203.1	203.8	204.5	205.2	205.9	206.6	207.3	208.0	208.7	209.4	210.1	210.8	211.5	212.2	212.9	213.6	214.3	215.0	215.7	216.4	217.1	217.8	218.5	219.2	219.9	220.6	221.3	222.0	222.7	223.4	224.1	224.8	225.5	226.2	226.9	227.6	228.3	229.0	229.7	230.4	231.1	231.8	232.5	233.2	233.9	234.6	235.3	236.0	236.7	237.4	238.1	238.8	239.5	240.2	240.9	241.6	242.3	243.0	243.7	244.4	245.1	245.8	246.5	247.2	247.9	248.6	249.3	250.0	250.7	251.4	252.1	252.8	253.5	254.2	254.9	255.6	256.3	257.0	257.7	258.4	259.1	259.8	260.5	261.2	261.9	262.6	263.3	264.0	264.7	265.4	266.1	266.8	267.5	268.2	268.9	269.6	270.3	271.0	271.7	272.4	273.1	273.8	274.5	275.2	275.9	276.6	277.3	278.0	278.7	279.4	280.1	280.8	281.5	282.2	282.9	283.6	284.3	285.0	285.7	286.4	287.1	287.8	288.5	289.2	289.9	290.6	291.3	292.0	292.7	293.4	294.1	294.8	295.5	296.2	296.9	297.6	298.3	299.0	299.7	300.4	301.1	301.8	302.5	303.2	303.9	304.6	305.3	306.0	306.7	307.4	308.1	308.8	309.5	310.2	310.9	311.6	312.3	313.0	313.7	314.4	315.1	315.8	316.5	317.2	317.9	318.6	319.3	320.0	320.7	321.4	322.1	322.8	323.5	324.2	324.9	325.6	326.3	327.0	327.7	328.4	329.1	329.8	330.5	331.2	331.9	332.6	333.3	334.0	334.7	335.4	336.1	336.8	337.5	338.2	338.9	339.6	340.3	341.0	341.7	342.4	343.1	343.8	344.5	345.2	345.9	346.6	347.3	348.0	348.7	349.4	350.1	350.8	351.5	352.2	352.9	353.6	354.3	355.0	355.7	356.4	357.1	357.8	358.5	359.2	359.9	360.6	361.3	362.0	362.7	363.4	364.1	364.8	365.5	366.2	366.9	367.6	368.3	369.0	369.7	370.4	371.1	371.8	372.5	373.2	373.9	374.6	375.3	376.0	376.7	377.4	378.1	378.8	379.5	380.2	380.9	381.6	382.3	383.0	383.7	384.4	385.1	385.8	386.5	387.2	387.9	388.6	389.3	390.0	390.7	391.4	392.1	392.8	393.5	394.2	394.9	395.6	396.3	397.0	397.7	398.4	399.1	399.8	400.5	401.2	401.9	402.6	403.3	404.0	404.7	405.4	406.1	406.8	407.5	408.2	408.9	409.6	410.3	411.0	411.7	412.4	413.1	413.8	414.5	415.2	415.9	416.6	417.3	418.0	418.7	419.4	420.1	420.8	421.5	422.2	422.9	423.6	424.3	425.0	425.7	426.4	427.1	427.8	428.5	429.2	429.9	430.6	431.3	432.0	432.7	433.4	434.1	434.8	435.5	436.2	436.9	437.6	438.3	439.0	439.7	440.4	441.1	441.8	442.5	443.2	443.9	444.6	445.3	446.0	446.7	447.4	448.1	448.8	449.5	450.2	450.9	451.6	452.3	453.0	453.7	454.4	455.1	455.8	456.5	457.2	457.9	458.6	459.3	460.0	460.7	461.4	462.1	462.8	463.5	464.2	464.9	465.6	466.3	467.0	467.7	468.4	469.1	469.8	470.5	471.2	471.9	472.6	473.3	474.0	474.7	475.4	476.1	476.8	477.5	478.2	478.9	479.6	480.3	481.0	481.7	482.4	483.1	483.8	484.5	485.2	485.9	486.6	487.3	488.0	488.7	489.4	490.1	490.8	491.5	492.2	492.9	493.6	494.3	495.0	495.7	496.4	497.1	497.8	498.5	499.2	499.9	500.6	501.3	502.0	502.7	503.4	504.1	504.8	505.5	506.2	506.9	507.6	508.3	509.0	509.7	510.4	511.1	511.8	512.5	513.2	513.9	514.6	515.3	516.0	516.7	517.4	518.1	518.8	519.5	520.2	520.9	521.6	522.3	523.0	523.7	524.4	525.1	525.8	526.5	527.2	527.9	528.6	529.3	530.0	530.7	531.4	532.1	532.8	533.5	534.2	534.9	535.6	536.3	537.0	537.7	538.4	539.1	539.8	540.5	541.2	541.9	542.6	543.3	544.0	544.7	545.4	546.1	546.8	547.5	548.2	548.9	549.6	550.3	551.0	551.7	552.4	553.1	553.8	554.5	555.2	555.9	556.6	557.3	558.0	558.7	559.4	560.1	560.8	561.5	562.2	562.9	563.6	564.3	565.0	565.7	566.4	567.1	567.8	568.5	569.2	569.9	570.6	571.3	572.0	572.7	573.4	574.1	574.8	575.5	576.2	576.9	577.6	578.3	579.0	579.7	580.4	581.1	581.8	582.5	583.2	583.9	584.6	585.3	586.0	586.7	587.4	588.1	588.8	589.5	590.2	590.9	591.6	592.3	593.0	593.7	594.4	595.1	595.8	596.5	597.2	597.9	598.6	599.3	600.0	600.7	601.4	602.1	602.8	603.5	604.2	604.9	605.6	606.3	607.0	607.7	608.4	609.1	609.8	610.5	611.2	611.9	612.6	613.3	614.0	614.7	615.4	616.1	616.8	617.5	618.2	618.9	619.6	620.3	621.0	621.7	622.4	623.1	623.8	624.5	625.2	625.9	626.6	627.3	628.0	628.7	629.4	630.1	630.8	631.5	632.2	632.9	633.6	634.3	635.0	635.7	636.4	637.1	637.8	638.5	639.2	639.9	640.6	641.3	642.0	642.7	643.4	644.1	644.8	645.5	646.2	646.9	647.6	648.3	649.0	649.7	650.4	651.1	651.8	652.5	653.2	653.9	654.6	655.3	656.0	656.7	657.4	658.1	658.8	659.5	660.2	660.9	661.6	662.3	663.0	663.7	664.4	665.1	665.8	666.5	667.2	667.9	668.6	669.3	670.0	670.7	671.4	672.1	672.8	673.5	674.2	674.9	675.6	676.3	677.0	677.7	678.4	679.1	679.8	680.5	681.2	681.9	682.6	683.3	684.0	684.7	685.4	686.1	686.8	687.5	688.2	688.9	689.6	690.3	691.0	691.7	692.4	693.1	693.8	694.5	695.2	695.9	696.6	697.3	698.0	698.7	699.4	700.1	700.8	701.5	702.2	702.9	703.6	704.3	705.0	705.7	706.4	707.1	707.8	708.5	709.2	709.9	710.6	711.3	712.0	712.7	713.4	714.1	714.8	715.5	716.2	716.9	717.6	718.3	719.0	719.7	720.4	721.1	721.8	722.5	723.2	723.9	724.6	725.3	726.0	726.7	727.4	728.1	728.8	729.5	730.2	730.9	731.6	732.3	733.0	733.7	734.4	735.1	735.8	736.5	737.2	737.9	738.6	739.3	740.0	740.7	741.4	742.1	742.8	743.5	744.2	744.9	745.6	746.3	747.0	747.7	748.4	749.1	749.8	750.5	751.2	751.9	752.6	753.3	754.0	754.7	755.4	756.1	756.8	757.5	758.2	758.9	759.6	760.3	761.0	761.7	762.4	763.1	763.8	764.5	765.2	765.9	766.6	767.3	768.0	768.7	769.4	770.1	770.8	771.5	772.2	772.9	773.6	774.3	775.0	775.7	776.4	777.1	777.8	778.5	779.2	779.9	780.6	781.3	782.0	782.7	783.4	784.1	784.8	785.5	786.2	786.9	787.6	788.3	789.0	789.7	790.4	791.1	791.8	792.5	793.2	793.9	794.6	795.3	796.0	796.7	797.4	798.1	798.8	799.5	800.2	800.9	801.6	802.3	803.0	803.7	804.4	805.1	805.8	806.5	807.2	807.9	808.6	809.3	810.0	810.7	811.4	812.1	812.8	813.5	814.2	814.9	815.6	816.3	817.0	817.7	818.4	819.1	819.8	820.5	821.2	821.9	822.6	823.3	824.0	824.7	825.4	826.1	826.8	827.5	828.2	828.9	829.6	830.3	831.0	831.7	832.4	833.1	833.8	834.5	835.2	835.9	836.6	837.3	838.0	838.7	839.4	840.1	840.8	841.5	842.2	842.9	843.6	844.3	845.0	845.7	846.4	847.1	847.8	848.5	849.2	849.9	850.6	851.3	852.0	852.7	853.4	854.1	854.8	855.5	856.2	856.9	857.6	858.3	859.0	859.7	860.4	861.1	861.8	862.5	863.2	863.9	864.6	865.3	866.0	866.7	867.4	868.1	868.8	869.5	870.2	870.9	871.6	872.3	873.0	

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																			
70	MBh	38.9	39.4	40.6	---	38.5	39.1	40.2	---	37.5	38.0	39.2	---	35.8	36.3	37.5	---	33.6	34.2	35.3	---	31.7	32.2	33.4	---	38.9	39.3	39.8	41.0	---	38.9	39.5	40.6	---	37.9	38.5	39.6	---	36.2	36.7	37.9	---	34.0	34.6	35.8	---	32.1	32.7	33.8	---
	S/T	0.62	0.54	0.41	---	0.63	0.55	0.41	---	0.65	0.58	0.44	---	0.67	0.60	0.46	---	0.69	0.62	0.48	---	1.00	0.67	0.53	---	0.67	0.59	0.46	---	0.70	0.62	0.49	---	0.72	0.64	0.51	---	0.74	0.67	0.53	---	0.74	0.67	0.53	---	1.00	0.72	0.58	---	
	ΔT	19.32	17.52	14.14	---	19.27	17.47	14.09	---	19.53	17.72	14.35	---	19.25	17.45	14.08	---	19.01	17.21	13.83	---	20.14	18.34	14.97	---	18.44	16.63	13.26	---	18.39	16.58	13.21	---	18.37	16.56	13.19	---	18.13	16.32	12.95	---	18.13	16.32	12.95	---	19.26	17.45	14.08	---	
	Pr Suc	117.5	118.9	121.9	---	124.6	126.1	129.0	---	130.9	132.3	135.3	---	136.1	137.6	140.6	---	141.3	142.8	145.7	---	147.8	149.2	152.2	---	118.9	120.4	123.3	---	126.0	127.5	130.5	---	132.3	133.7	136.7	---	137.6	139.0	142.0	---	142.7	144.2	147.2	---	149.2	150.7	153.7	---	
	Pr Dis	244.2	245.3	247.0	---	282.7	283.7	285.5	---	323.0	324.0	325.8	---	366.4	367.5	369.2	---	413.2	414.2	416.0	---	463.1	464.2	465.9	---	245.9	247.0	248.7	---	284.4	285.4	287.2	---	324.7	325.7	327.5	---	368.1	369.2	370.9	---	414.9	415.9	417.7	---	464.8	465.9	467.6	---	
	Amps	7.83	7.82	7.81	---	8.96	8.95	8.93	---	10.22	10.21	10.19	---	11.58	11.57	11.55	---	13.10	13.09	13.07	---	14.89	14.88	14.86	---	7.87	7.85	7.85	---	9.01	9.00	8.98	---	10.27	10.26	10.24	---	11.63	11.62	11.60	---	13.15	13.14	13.12	---	14.93	14.93	14.91	---	
	Power	2.047	2.045	2.040	---	2.306	2.304	2.300	---	2.596	2.594	2.589	---	2.909	2.907	2.902	---	3.259	3.257	3.252	---	3.669	3.667	3.663	---	2.047	2.045	2.040	---	2.306	2.304	2.300	---	2.596	2.594	2.589	---	2.909	2.907	2.902	---	3.259	3.257	3.252	---	3.669	3.667	3.663	---	
	MBh	39.3	39.8	41.0	---	38.9	39.5	40.6	---	37.9	38.5	39.6	---	36.2	36.7	37.9	---	34.0	34.6	35.8	---	32.1	32.7	33.8	---	39.3	39.8	41.0	---	38.9	39.5	40.6	---	37.9	38.5	39.6	---	36.2	36.7	37.9	---	34.0	34.6	35.8	---	32.1	32.7	33.8	---	
	S/T	0.67	0.59	0.46	---	0.67	0.60	0.46	---	0.70	0.62	0.49	---	0.72	0.64	0.51	---	0.74	0.67	0.53	---	1.00	0.72	0.58	---	0.67	0.59	0.46	---	0.67	0.60	0.46	---	0.70	0.62	0.49	---	0.72	0.64	0.51	---	0.74	0.67	0.53	---	1.00	0.72	0.58	---	
	ΔT	18.44	16.63	13.26	---	18.39	16.58	13.21	---	18.64	16.84	13.46	---	18.37	16.56	13.19	---	18.13	16.32	12.95	---	19.26	17.45	14.08	---	18.44	16.63	13.26	---	18.39	16.58	13.21	---	18.64	16.84	13.46	---	18.37	16.56	13.19	---	18.13	16.32	12.95	---	19.26	17.45	14.08	---	
Pr Suc	118.9	120.4	123.3	---	126.0	127.5	130.5	---	132.3	133.7	136.7	---	137.6	139.0	142.0	---	142.7	144.2	147.2	---	149.2	150.7	153.7	---	118.9	120.4	123.3	---	126.0	127.5	130.5	---	132.3	133.7	136.7	---	137.6	139.0	142.0	---	142.7	144.2	147.2	---	149.2	150.7	153.7	---		
Pr Dis	245.9	247.0	248.7	---	284.4	285.4	287.2	---	324.7	325.7	327.5	---	368.1	369.2	370.9	---	414.9	415.9	417.7	---	464.8	465.9	467.6	---	245.9	247.0	248.7	---	284.4	285.4	287.2	---	324.7	325.7	327.5	---	368.1	369.2	370.9	---	414.9	415.9	417.7	---	464.8	465.9	467.6	---		
Amps	7.88	7.87	7.85	---	9.01	9.00	8.98	---	10.31	10.30	10.28	---	11.67	11.66	11.64	---	13.19	13.18	13.16	---	14.98	14.97	14.95	---	7.88	7.87	7.85	---	9.01	9.00	8.98	---	10.31	10.30	10.28	---	11.67	11.66	11.64	---	13.19	13.18	13.16	---	14.98	14.97	14.95	---		
Power	2.058	2.056	2.051	---	2.317	2.315	2.311	---	2.607	2.605	2.600	---	2.920	2.918	2.913	---	3.270	3.268	3.263	---	3.680	3.678	3.674	---	2.058	2.056	2.051	---	2.317	2.315	2.311	---	2.607	2.605	2.600	---	2.920	2.918	2.913	---	3.270	3.268	3.263	---	3.680	3.678	3.674	---		
MBh	39.8	40.3	41.5	---	39.4	40.0	41.1	---	38.4	39.0	40.1	---	36.7	37.2	38.4	---	34.5	35.1	36.3	---	32.6	33.1	34.3	---	39.8	40.3	41.5	---	39.4	40.0	41.1	---	38.4	39.0	40.1	---	36.7	37.2	38.4	---	34.5	35.1	36.3	---	32.6	33.1	34.3	---		
S/T	0.70	0.62	0.49	---	0.70	0.63	0.49	---	0.73	0.65	0.52	---	0.75	0.67	0.54	---	1.00	0.69	0.56	---	1.00	0.75	0.61	---	0.70	0.62	0.49	---	0.70	0.63	0.49	---	0.73	0.65	0.52	---	0.75	0.67	0.54	---	1.00	0.69	0.56	---	1.00	0.75	0.61	---		
ΔT	17.67	15.86	12.49	---	17.62	15.82	12.44	---	17.87	16.07	12.70	---	17.60	15.80	12.42	---	17.36	15.56	12.18	---	18.49	16.69	13.31	---	17.67	15.86	12.49	---	17.62	15.82	12.44	---	17.87	16.07	12.70	---	17.60	15.80	12.42	---	17.36	15.56	12.18	---	18.49	16.69	13.31	---		
Pr Suc	120.5	121.9	124.9	---	127.6	129.0	132.0	---	133.8	135.3	138.3	---	139.1	140.6	143.6	---	144.3	145.8	148.7	---	150.8	152.2	155.2	---	120.5	121.9	124.9	---	127.6	129.0	132.0	---	133.8	135.3	138.3	---	139.1	140.6	143.6	---	144.3	145.8	148.7	---	150.8	152.2	155.2	---		
Pr Dis	247.6	248.6	250.3	---	286.0	287.1	288.8	---	326.3	327.4	329.1	---	369.8	370.8	372.5	---	416.5	417.6	419.3	---	466.5	467.5	469.3	---	247.6	248.6	250.3	---	286.0	287.1	288.8	---	326.3	327.4	329.1	---	369.8	370.8	372.5	---	416.5	417.6	419.3	---	466.5	467.5	469.3	---		
Amps	7.92	7.91	7.89	---	9.05	9.04	9.02	---	10.31	10.30	10.28	---	11.67	11.66	11.64	---	13.19	13.18	13.16	---	14.98	14.97	14.95	---	7.92	7.91	7.89	---	9.05	9.04	9.02	---	10.31	10.30	10.28	---	11.67	11.66	11.64	---	13.19	13.18	13.16	---	14.98	14.97	14.95	---		
Power	2.067	2.065	2.061	---	2.327	2.325	2.320	---	2.616	2.614	2.610	---	2.929	2.927	2.923	---	3.279	3.277	3.273	---	3.690	3.688	3.683	---	2.067	2.065	2.061	---	2.327	2.325	2.320	---	2.616	2.614	2.610	---	2.929	2.927	2.923	---	3.279	3.277	3.273	---	3.690	3.688	3.683	---		
MBh	38.9	39.4	40.6	---	38.5	39.1	40.2	---	37.5	38.1	39.2	---	35.8	36.3	37.5	---	33.6	34.2	35.4	---	31.7	32.2	33.4	---	38.9	39.4	40.6	---	38.5	39.1	40.2	---	37.5	38.1	39.2	---	35.8	36.3	37.5	---	33.6	34.2	35.4	---	31.7	32.2	33.4	---		
S/T	0.75	0.67	0.54	---	0.76	0.68	0.54	---	0.78	0.71	0.57	---	0.83	0.75	0.62	---	1.00	0.79	0.66	---	1.00	0.80	0.66	---	0.75	0.67	0.54	---	0.76	0.68	0.54	---	0.78	0.71	0.57	---	0.83	0.75	0.62	---	1.00	0.79	0.66	---	1.00	0.80	0.66	---		
ΔT	23.29	21.49	18.11	---	23.24	21.44	18.07	---	23.50	21.69	18.32	---	23.22	21.42	18.05	---	22.98	21.18	17.81	---	24.11	22.31	18.94	---	23.29	21.49	18.11	---	23.24	21.44	18.07	---	23.50	21.69	18.32	---	23.22	21.42	18.05	---	22.98	21.18	17.81	---	24.11	22.31	18.94	---		
Pr Suc	117.5	119.0	121.9	---	124.6	126.1	129.1	---	130.9	132.3	135.3	---	136.2	137.6	140.6	---	141.3	142.8	145.7	---	147.8	149.2	152.2	---	117.5	119.0	121.9	---	124.6	126.1	129.1	---	130.9	132.3	135.3	---	136.2	137.6	140.6	---	141.3	142.8	145.7	---	147.8	149.2	152.2	---		
Pr Dis	244.4	245.5	247.2	---	282.9	284.0	285.7	---	323.2	324.3	326.0	---	366.6	367.7	369.4	---	413.4	414.5	416.2	---	463.3	464.4	466.1	---	244.4	245.5	247.2	---	282.9	284.0	285.7	---	323.2	324.3	326.0	---	366.6	367.7	369.4	---	413.4	414.5	416.2	---	463.3	464.4	466.1	---		
Amps	7.83	7.82	7.80	---	8.95	8.94	8.93	---	10.21	10.20	10.18	---	11.57	11.56	11.55	---	13.10	13.09	13.07	---	14.88	14.87	14.85	---	7.83	7.82	7.80	---	8.95	8.94	8.93	---	10.21	10.20	10.18	---	11.57	11.56	11.55	---	13.10	13.09	13.07	---	14.88	14.87	14.85	---		
Power	2.045	2.043	2.039	---	2.305	2.303	2.298	---	2.594	2.592	2.588	---	2.907	2.905	2.901	---	3.257	3.255	3.251	---	3.668	3.666	3.661	---	2.045	2.043	2.039	---	2.305	2.303	2.298	---	2.594	2.592	2.588	---	2.907	2.905	2.901	---	3.257	3.255	3.251	---	3.668	3.666	3.661	---		

		OUTDOOR AMBIENT TEMPERATURE																																																			
		65					75					85					95					105					115																										
ID	DB	AIR	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115																	
		ENTERING INDOOR WET BULB TEMPERATURE																																																			
<b>80</b>	MBh	S/T	ΔT	1130	39.1	39.6	40.8	---	38.7	39.3	40.4	---	37.7	38.3	39.4	---	36.0	36.5	37.7	---	33.8	34.4	35.6	---	33.8	34.4	35.6	---	31.9	32.4	33.6	---	31.9	32.4	33.6	---																	
				1130	0.88	0.80	0.66	0.52	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.00	0.85	0.71	0.57	1.00	0.85	0.71	0.57	1.00	0.87	0.74	0.59	1.00	0.87	0.74	0.59	1.00	0.87	0.74	0.59	1.00	0.87	0.74	0.59													
	Pr Dis	1130	118.0	119.5	122.5	127.4	125.2	126.6	129.6	134.6	131.4	132.8	135.8	140.8	136.7	138.1	141.1	146.1	141.9	143.3	146.3	151.3	148.3	149.8	152.8	147.8	149.2	152.2	157.2	154.2	155.7	158.7	155.7	157.2	160.2	157.2	158.7	161.7															
		1130	244.9	245.9	247.6	251.9	283.3	284.4	286.1	290.4	323.7	324.7	326.4	330.7	367.1	368.1	369.8	374.1	413.9	414.9	416.6	420.9	463.8	464.9	466.6	470.8	413.9	414.9	416.6	420.9	463.8	464.9	466.6	470.8	413.9	414.9	416.6	420.9	463.8	464.9	466.6	470.8											
	Amps	1130	7.83	7.82	7.80	7.89	8.96	8.95	8.93	9.02	10.22	10.21	10.19	10.28	11.58	11.57	11.55	11.64	13.10	13.09	13.07	13.16	14.89	14.88	14.86	14.94	13.10	13.09	13.07	13.16	14.89	14.88	14.86	14.94	13.10	13.09	13.07	13.16	14.89	14.88	14.86	14.94											
		1130	2.047	2.045	2.040	2.060	2.306	2.304	2.299	2.319	2.595	2.593	2.589	2.609	2.909	2.907	2.902	2.922	3.259	3.257	3.252	3.272	3.669	3.667	3.663	3.683	3.259	3.257	3.252	3.272	3.669	3.667	3.663	3.683	3.259	3.257	3.252	3.272	3.669	3.667	3.663	3.683											
	Power	1130	39.5	40.0	41.2	---	39.2	39.7	40.9	---	38.1	38.7	39.8	---	36.4	36.9	38.1	---	34.3	34.8	36.0	---	32.3	32.9	34.0	---	34.3	34.8	36.0	---	32.3	32.9	34.0	---	32.3	32.9	34.0	---															
		1130	0.92	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	0.90	0.76	---	1.00	0.92	0.78	---	1.00	0.92	0.78	---	1.00	0.92	0.78	---	1.00	0.92	0.78	---	1.00	0.92	0.78	---															
	<b>1260</b>	MBh	S/T	ΔT	1260	26.41	24.60	21.23	17.73	26.36	24.55	21.18	17.69	26.61	24.81	21.43	17.94	26.34	24.53	21.16	17.67	26.10	24.29	20.92	17.43	27.23	25.42	22.05	18.56	26.41	24.60	21.23	17.73	26.36	24.55	21.18	17.69	26.61	24.81	21.43	17.94	26.34	24.53	21.16	17.67	26.10	24.29	20.92	17.43	27.23	25.42	22.05	18.56
					1260	119.5	120.9	123.9	128.9	126.6	128.0	131.0	136.0	132.8	134.3	137.3	142.3	138.1	139.6	142.5	147.5	143.3	144.7	147.5	152.5	149.5	151.2	154.2	159.2	143.3	144.7	147.5	152.5	149.5	151.2	154.2	159.2	143.3	144.7	147.5	152.5	149.5	151.2	154.2	159.2	143.3	144.7	147.5	152.5	149.5	151.2	154.2	159.2
Pr Dis		1260	246.6	247.6	249.3	253.6	285.0	286.1	287.8	292.1	325.4	326.4	328.1	332.4	368.8	369.8	371.5	375.8	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5			
		1260	7.88	7.87	7.85	7.94	9.01	9.00	8.98	9.06	10.27	10.26	10.24	10.32	11.63	11.62	11.60	11.68	13.15	13.14	13.12	13.21	14.93	14.92	14.91	14.99	13.15	13.14	13.12	13.21	14.93	14.92	14.91	14.99	13.15	13.14	13.12	13.21	14.93	14.92	14.91	14.99	13.15	13.14	13.12	13.21	14.93	14.92	14.91	14.99			
Amps		1260	2.058	2.056	2.051	2.071	2.317	2.315	2.310	2.330	2.606	2.604	2.600	2.620	2.919	2.917	2.913	2.933	3.269	3.267	3.263	3.283	3.680	3.678	3.674	3.693	3.269	3.267	3.263	3.283	3.680	3.678	3.674	3.693	3.269	3.267	3.263	3.283	3.680	3.678	3.674	3.693	3.269	3.267	3.263	3.283	3.680	3.678	3.674	3.693			
		1260	40.0	40.5	41.7	---	39.7	40.2	41.4	---	38.6	39.2	40.3	---	36.9	37.4	38.6	---	34.8	35.3	36.5	---	32.8	33.4	34.5	---	34.8	35.3	36.5	---	32.8	33.4	34.5	---	32.8	33.4	34.5	---															
Power		1260	0.95	0.88	0.74	0.60	1.00	0.88	0.75	0.60	1.00	0.91	0.77	0.63	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---															
		1260	25.64	23.83	20.46	16.97	25.59	23.78	20.41	16.92	25.84	24.04	20.67	17.17	25.57	23.77	20.39	16.90	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79											
<b>1390</b>		MBh	S/T	ΔT	1390	121.0	122.5	125.4	130.4	128.1	129.6	132.6	137.6	134.4	135.8	143.8	139.7	141.1	144.1	149.1	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8					
					1390	248.2	249.3	251.0	255.2	286.7	287.8	289.5	293.7	327.0	328.1	329.8	334.0	370.4	371.5	373.2	377.4	417.2	418.3	420.0	424.2	467.2	468.2	469.9	474.2	417.2	418.3	420.0	424.2	467.2	468.2	469.9	474.2	417.2	418.3	420.0	424.2	467.2	468.2	469.9	474.2	417.2	418.3	420.0	424.2	467.2	468.2	469.9	474.2
	Pr Dis	1390	7.92	7.91	7.89	7.98	9.05	9.04	9.02	9.11	10.31	10.30	10.28	10.36	11.67	11.66	11.64	11.73	13.19	13.18	13.16	13.25	14.97	14.96	14.95	15.03	13.19	13.18	13.16	13.25	14.97	14.96	14.95	15.03	13.19	13.18	13.16	13.25	14.97	14.96	14.95	15.03	13.19	13.18	13.16	13.25	14.97	14.96	14.95	15.03			
		1390	2.067	2.065	2.060	2.080	2.326	2.324	2.320	2.340	2.616	2.614	2.609	2.629	2.929	2.927	2.922	2.942	3.279	3.277	3.272	3.292	3.689	3.687	3.683	3.703	3.279	3.277	3.272	3.292	3.689	3.687	3.683	3.703	3.279	3.277	3.272	3.292	3.689	3.687	3.683	3.703	3.279	3.277	3.272	3.292	3.689	3.687	3.683	3.703			
	Amps	1390	40.0	40.5	41.7	---	39.7	40.2	41.4	---	38.6	39.2	40.3	---	36.9	37.4	38.6	---	34.8	35.3	36.5	---	32.8	33.4	34.5	---	34.8	35.3	36.5	---	32.8	33.4	34.5	---	32.8	33.4	34.5	---															
		1390	0.95	0.88	0.74	0.60	1.00	0.88	0.75	0.60	1.00	0.91	0.77	0.63	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---	1.00	0.93	0.79	---															
	Power	1390	25.64	23.83	20.46	16.97	25.59	23.78	20.41	16.92	25.84	24.04	20.67	17.17	25.57	23.77	20.39	16.90	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79	25.33	23.52	20.15	16.66	26.46	24.65	21.28	17.79											
		1390	121.0	122.5	125.4	130.4	128.1	129.6	132.6	137.6	134.4	135.8	143.8	139.7	141.1	144.1	149.1	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8	144.8	146.3	149.3	154.3	151.3	152.8	160.8								

		OUTDOOR AMBIENT TEMPERATURE																																		
		65					75					85					95					105					115									
ID	DB	AIR	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115
		ENTERING INDOOR WET BULB TEMPERATURE																																		
<b>85</b>	MBh	S/T	ΔT	1130	39.7	40.3	41.1	---	39.4	39.9	41.1	---	38.4	38.9	40.1	---	36.6	37.2	38.3	---	34.5	35.0	36.2	---	34.5	35.0	36.2	---	32.6							

**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.**

