Heating & Air Conditioning
Amana
AMERICA'S BRAND FOR COMFORT

AVZC18

Cooling Capacity: 22,400 - 53,000 BTU/h
Heating Capacity: 22,200 - 53,500 BTU/h

High-Efficiency, ComfortNet™-Compatible, Split System Heat Pump Up to 19 SEER & 10.0 HSPF

ComfortNet®

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Standard Features

- Variable-speed swing and scroll compressors
- High-density foam compressor sound blanket
- ComfortNet™ Communications System compatible
- Amana 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
- Amana Inside intelligence for diagnostics
- Field-selectable boost mode increases compressor speed during unusually high loads
- Fully charged for 15' of tubing length
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with grille-style sound control top design
- Custom two-tone gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

10 YEAR UNIT REPLACEMENT LIMITED WARRANTY* 10 YEAR PARTS LIMITED WARRANTY* Intertek AHRI CERTIFIED® ISO 9001 ISO 14001

* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-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.

A	V	Z	C	18	036	1	AA
1	2	3	4	5,6	7,8,9	10	11,12

Brand

A Amana® Brand

Product Category

S Split System

V Inverter Split System

Unit Type

X Condenser R-410A

Z Heat Pump R-410A

Communication Feature

C ComfortNet 4-wire communications ready

Efficiency

16 16 SEER

18 18 SEER

20 20 SEER

Capacity

024 2 Tons

036 3 Tons

048 4 Tons

060 5 Tons

Electrical

1 - 208/230 V, 1 Phase, 60 Hz

Engineering *

Major/ Minor Revisions

* Not used for order or inventory control

	AVZC18 0241A*	AVZC18 0361A*	AVZC18 0481A*	AVZC18 0601A*
Capacities and Ratings				
Max. Cooling (BTU/h)	22,400	33,600	45,000	53,000
Max. Heating (BTU/h)	22,200	32,800	44,500	53,500
Compressor				
Type	Swing	Swing	Swing	Swing
RLA	12.7	19.8	27.6	31.10
Condenser Fan Motor				
Horsepower	1/7	1/7	1/8	1/4
FLA	1.0	1.0	1.0	1.8
Refrigeration System				
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	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
Electrical Data				
Volts-Phase (60 Hz)	208/230- 1	208/230- 1	208/230- 1	208/230- 1
Minimum Circuit Ampacity [2]	13.6	20.7	28.6	32.9
Max. Overcurrent Protection [3]	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"
Equipment Weight (lbs)	172	172	220	270
Ship Weight (lbs)	201	201	247	297

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

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

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

Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply ⅞” to 1⅛” adapters for suction line connections.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	720	MBh	22.8	23.2	23.8	---	22.6	23.0	23.6	---	22.0	22.4	23.0	---	21.0	21.3	22.0	---	19.8	20.1	20.8	---	18.6	19.0	19.6	---
		S/T	0.63	0.55	0.41	---	0.64	0.56	0.42	---	0.66	0.58	0.45	---	1.00	0.60	0.47	---	1.00	0.63	0.49	---	1.00	0.68	0.54	---
		ΔT	18.56	16.83	13.58	---	18.52	16.78	13.53	---	18.76	17.02	13.78	---	18.50	16.76	13.52	---	18.27	16.53	13.28	---	19.35	17.62	14.37	---
		Pr Suc	126.4	127.9	131.1	---	134.0	135.6	138.8	---	140.8	142.3	145.5	---	146.4	148.0	151.2	---	152.0	153.6	156.8	---	159.0	160.5	163.7	---
		Pr Dis	249.5	250.6	252.3	---	288.8	289.9	291.6	---	329.9	331.0	332.8	---	374.3	375.4	377.1	---	422.1	423.2	424.9	---	473.1	474.2	475.9	---
		Amps	4.81	4.80	4.79	---	5.45	5.45	5.43	---	6.17	6.17	6.15	---	6.95	6.94	6.93	---	7.82	7.81	7.80	---	8.84	8.83	8.82	---
		Power	1,236	1,235	1,233	---	1,385	1,384	1,381	---	1,550	1,549	1,546	---	1,729	1,728	1,726	---	1,929	1,928	1,926	---	2,164	2,163	2,160	---
	800	MBh	23.1	23.4	24.1	---	22.9	23.2	23.9	---	22.3	22.6	23.3	---	21.3	21.6	22.3	---	20.0	20.3	21.0	---	18.9	19.2	19.9	---
		S/T	0.68	0.60	0.46	---	0.68	0.61	0.47	---	0.71	0.63	0.49	---	1.00	0.65	0.51	---	1.00	0.67	0.54	---	1.00	0.73	0.59	---
		ΔT	17.74	16.00	12.76	---	17.69	15.96	12.71	---	17.94	16.20	12.96	---	17.68	15.94	12.69	---	17.44	15.71	12.46	---	18.53	16.79	13.55	---
		Pr Suc	127.9	129.4	132.6	---	135.5	137.1	140.3	---	142.2	143.8	147.0	---	147.9	149.5	152.7	---	153.5	155.1	158.3	---	160.5	162.0	165.2	---
		Pr Dis	251.2	252.2	254.0	---	290.5	291.5	293.3	---	331.6	332.7	334.5	---	376.0	377.0	378.8	---	423.8	424.8	426.6	---	474.8	475.8	477.6	---
		Amps	4.83	4.83	4.82	---	5.48	5.47	5.46	---	6.20	6.19	6.18	---	6.98	6.97	6.96	---	7.84	7.84	7.83	---	8.87	8.86	8.85	---
		Power	1,242	1,241	1,239	---	1,391	1,390	1,387	---	1,556	1,555	1,552	---	1,735	1,734	1,732	---	1,935	1,934	1,932	---	2,170	2,169	2,166	---
	880	MBh	23.4	23.7	24.4	---	23.2	23.5	24.2	---	22.6	22.9	23.6	---	21.5	21.9	22.6	---	20.3	20.6	21.3	---	19.2	19.5	20.2	---
		S/T	0.71	0.63	0.49	---	0.71	0.63	0.50	---	1.00	0.66	0.52	---	1.00	0.68	0.54	---	1.00	0.70	0.56	---	1.00	1.00	0.62	---
		ΔT	17.02	15.29	12.04	---	16.98	15.24	11.99	---	17.22	15.48	12.24	---	16.96	15.22	11.98	---	16.73	14.99	11.74	---	17.81	16.08	12.83	---
		Pr Suc	129.5	131.0	134.3	---	137.2	138.7	141.9	---	143.9	145.4	148.6	---	149.5	151.1	154.3	---	155.1	156.7	159.9	---	162.1	163.6	166.9	---
		Pr Dis	252.8	253.9	255.6	---	292.1	293.2	294.9	---	333.3	334.3	336.1	---	377.6	378.7	380.4	---	425.4	426.5	428.2	---	476.4	477.5	479.2	---
		Amps	4.86	4.85	4.84	---	5.50	5.49	5.48	---	6.22	6.21	6.20	---	7.00	6.99	6.98	---	7.87	7.86	7.85	---	8.89	8.88	8.87	---
		Power	1,248	1,247	1,244	---	1,396	1,395	1,392	---	1,561	1,560	1,558	---	1,740	1,739	1,737	---	1,941	1,939	1,937	---	2,175	2,174	2,172	---
75	720	MBh	22.9	23.2	23.9	---	22.7	23.0	23.7	---	22.1	22.4	23.1	---	21.0	21.4	22.0	---	19.8	20.1	20.8	---	18.6	19.0	19.6	---
		S/T	0.76	0.68	0.55	0.40	1.00	0.69	0.55	0.41	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.53
		ΔT	22.38	20.65	17.40	14.04	22.34	20.60	17.35	13.99	22.58	20.84	17.60	14.24	22.32	20.58	17.34	13.97	22.09	20.35	17.10	13.74	23.17	21.44	18.19	14.83
		Pr Suc	126.4	128.0	131.2	136.5	134.1	135.6	138.8	144.2	140.8	142.3	145.5	150.9	146.5	148.0	151.2	156.6	152.0	153.6	156.8	162.2	159.0	160.6	163.8	169.1
		Pr Dis	249.7	250.8	252.5	256.9	289.0	290.1	291.8	296.2	330.2	331.2	333.0	337.3	374.5	375.6	377.3	381.7	422.3	423.4	425.1	429.5	473.3	474.4	476.1	480.5
		Amps	4.80	4.80	4.79	4.84	5.45	5.44	5.43	5.48	6.17	6.16	6.15	6.20	6.94	6.94	6.93	6.98	7.81	7.81	7.80	7.85	8.84	8.83	8.82	8.87
		Power	1,235	1,234	1,232	1,243	1,384	1,383	1,380	1,391	1,549	1,548	1,546	1,557	1,728	1,727	1,725	1,736	1,928	1,927	1,925	1,936	2,163	2,162	2,159	2,171
	800	MBh	23.1	23.4	24.1	---	22.9	23.2	23.9	---	22.3	22.6	23.3	---	21.3	**21.6**	22.3	---	20.0	20.3	21.0	---	18.9	19.2	19.9	---
		S/T	0.81	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	**0.78**	0.64	0.50	1.00	1.00	0.67	0.52	1.00	1.00	0.72	0.57
		ΔT	21.56	19.82	16.58	13.22	21.51	19.78	16.53	13.17	21.76	20.02	16.78	13.41	21.50	**19.76**	16.51	13.15	21.26	19.53	16.28	12.92	22.35	20.61	17.37	14.01
		Pr Suc	127.9	129.5	132.7	138.0	135.6	137.1	140.3	145.7	142.3	143.8	147.0	152.4	148.0	**149.51**	152.7	158.1	153.5	155.1	158.3	163.7	160.5	162.1	165.3	170.6
		Pr Dis	251.4	252.5	254.2	258.5	290.7	291.8	293.5	297.8	331.8	332.9	334.7	339.0	376.2	**377.26**	379.0	383.3	424.0	425.1	426.8	431.1	475.0	476.1	477.8	482.2
		Amps	4.83	4.82	4.81	4.86	5.47	5.47	5.46	5.51	6.19	6.19	6.18	6.23	6.97	**6.97**	6.95	7.00	7.84	7.84	7.82	7.87	8.86	8.86	8.85	8.89
		Power	1,242	1,240	1,238	1,249	1,390	1,389	1,386	1,397	1,555	1,554	1,552	1,563	1,734	**1,733**	1,731	1,742	1,934	1,933	1,931	1,942	2,169	2,168	2,165	2,177
	880	MBh	23.4	23.7	24.4	---	23.2	23.5	24.2	---	22.6	22.9	23.6	---	21.6	21.9	22.6	---	20.3	20.6	21.3	---	19.2	19.5	20.2	---
		S/T	0.84	0.76	0.62	0.48	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.70	0.55	1.00	1.00	0.75	0.60
		ΔT	20.85	19.11	15.86	12.50	20.80	19.06	15.82	12.45	21.04	19.30	16.06	12.70	20.78	19.04	15.80	12.44	20.55	18.81	15.57	12.20	21.64	19.90	16.65	13.29
		Pr Suc	129.5	131.1	134.3	139.6	137.2	138.7	141.9	147.3	143.9	145.5	148.7	154.0	149.6	151.1	154.3	159.7	155.1	156.7	159.9	165.3	162.1	163.7	166.9	172.3
		Pr Dis	253.0	254.1	255.8	260.2	292.3	293.4	295.1	299.5	333.5	334.6	336.3	340.7	377.8	378.9	380.6	385.0	425.6	426.7	428.4	432.8	476.6	477.7	479.5	483.8
		Amps	4.85	4.85	4.83	4.88	5.50	5.49	5.48	5.53	6.22	6.21	6.20	6.25	6.99	6.99	6.98	7.03	7.86	7.86	7.85	7.90	8.88	8.88	8.87	8.92
		Power	1,247	1,246	1,243	1,254	1,395	1,394	1,391	1,403	1,560	1,559	1,557	1,568	1,740	1,738	1,736	1,747	1,940	1,938	1,936	1,947	2,174	2,173	2,171	2,182

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

Expanded Cooling Data — AVZC180241A*/AVPEC37C14A* High Stage (cont.)

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	720	MBh	23.0	23.3	24.0	---	22.8	23.1	23.8	---	22.2	22.5	23.2	---	21.2	21.5	22.2	---	19.9	20.2	20.9	---	18.8	19.1	19.8	---
		S/T	1.00	0.81	0.67	0.53	1.00	0.82	0.68	0.53	1.00	0.84	0.71	0.56	1.00	1.00	0.72	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.80	0.65
		ΔT	26.23	24.49	21.25	17.89	26.18	24.45	21.20	17.84	26.43	24.69	21.45	18.08	26.17	24.43	21.18	17.82	25.93	24.20	20.95	17.59	27.02	25.28	22.04	18.68
		Pr Suc	127.0	128.5	131.7	137.1	134.6	136.2	139.4	144.8	141.3	142.9	146.1	151.5	147.0	148.6	151.8	157.1	152.6	154.1	157.4	162.7	159.6	161.1	164.3	169.7
		Pr Dis	250.2	251.2	253.0	257.3	289.5	290.5	292.3	296.6	330.6	331.7	333.5	337.8	375.0	376.0	377.8	382.1	422.8	423.8	425.6	429.9	473.8	474.8	476.6	480.9
		Amps	4.81	4.80	4.79	4.84	5.45	5.44	5.43	5.48	6.17	6.16	6.15	6.20	6.95	6.94	6.93	6.98	7.82	7.81	7.80	7.85	8.84	8.83	8.82	8.87
		Power	1,236	1,235	1,233	1,244	1,385	1,383	1,381	1,392	1,550	1,549	1,546	1,558	1,729	1,728	1,725	1,737	1,929	1,928	1,925	1,937	2,164	2,163	2,160	2,172
	800	MBh	23.2	23.5	24.2	---	23.0	23.3	24.0	---	22.4	22.7	23.4	---	21.4	21.7	**22.4**	---	20.1	20.5	21.1	---	19.0	19.3	20.0	---
		S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	**0.77**	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.85	0.70
		ΔT	25.41	23.67	20.43	17.06	25.36	23.62	20.38	17.02	25.61	23.87	20.62	17.26	25.34	23.61	**20.36**	17.00	25.11	23.37	20.13	16.77	26.20	24.46	21.22	17.86
		Pr Suc	128.5	130.0	133.2	138.6	136.1	137.7	140.9	146.3	142.8	144.4	147.6	153.0	148.5	150.1	**153.28**	158.6	154.1	155.6	158.8	164.2	161.1	162.6	165.8	171.2
		Pr Dis	251.8	252.9	254.7	259.0	291.1	292.2	294.0	298.3	332.3	333.4	335.1	339.5	376.6	377.7	**379.47**	383.8	424.4	425.5	427.3	431.6	475.4	476.5	478.3	482.6
		Amps	4.83	4.83	4.82	4.86	5.48	5.47	5.46	5.51	6.20	6.19	6.18	6.23	6.97	6.97	**6.96**	7.01	7.84	7.84	7.83	7.88	8.86	8.86	8.85	8.90
		Power	1,242	1,241	1,239	1,250	1,391	1,389	1,387	1,398	1,556	1,555	1,552	1,564	1,735	1,734	**1,731**	1,743	1,935	1,934	1,931	1,943	2,170	2,169	2,166	2,178
	880	MBh	23.5	23.8	24.5	---	23.3	23.6	24.3	---	22.7	23.0	23.7	---	21.7	22.0	22.7	---	20.4	20.8	21.4	---	19.3	19.6	20.3	---
		S/T	1.00	0.89	0.75	0.60	1.00	0.89	0.76	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.73
		ΔT	24.69	22.95	19.71	16.35	24.64	22.91	19.66	16.30	24.89	23.15	19.91	16.54	24.63	22.89	19.64	16.28	24.39	22.66	19.41	16.05	25.48	23.74	20.50	17.14
		Pr Suc	130.1	131.6	134.8	140.2	137.7	139.3	142.5	147.9	144.5	146.0	149.2	154.6	150.1	151.7	154.9	160.3	155.7	157.3	160.5	165.8	162.7	164.2	167.4	172.8
		Pr Dis	253.5	254.6	256.3	260.6	292.8	293.9	295.6	299.9	333.9	335.0	336.8	341.1	378.3	379.4	381.1	385.4	426.1	427.2	428.9	433.2	477.1	478.2	479.9	484.3
		Amps	4.85	4.85	4.84	4.89	5.50	5.49	5.48	5.53	6.22	6.21	6.20	6.25	7.00	6.99	6.98	7.03	7.87	7.86	7.85	7.90	8.89	8.88	8.87	8.92
		Power	1,248	1,246	1,244	1,255	1,396	1,395	1,392	1,403	1,561	1,560	1,558	1,569	1,740	1,739	1,737	1,748	1,940	1,939	1,937	1,948	2,175	2,174	2,171	2,183
85	720	MBh	23.4	23.7	24.4	---	23.2	23.5	24.2	---	22.6	22.9	23.6	---	21.5	21.9	22.5	---	20.3	20.6	21.3	---	19.1	19.5	20.1	---
		S/T	1.00	0.91	0.78	0.63	1.00	1.00	0.78	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.71	1.00	1.00	1.00	0.76
		ΔT	29.64	27.91	24.66	21.30	29.60	27.86	24.61	21.25	29.84	28.10	24.86	21.50	29.58	27.84	24.60	21.23	29.35	27.61	24.36	21.00	30.43	28.70	25.45	22.09
		Pr Suc	128.8	130.4	133.6	139.0	136.5	138.1	141.3	146.6	143.2	144.8	148.0	153.4	148.9	150.5	153.7	159.0	154.5	156.0	159.2	164.6	161.5	163.0	166.2	171.6
		Pr Dis	251.3	252.4	254.2	258.5	290.6	291.7	293.5	297.8	331.8	332.9	334.6	339.0	376.1	377.2	379.0	383.3	423.9	425.0	426.8	431.1	474.9	476.0	477.8	482.1
		Amps	4.82	4.81	4.80	4.85	5.46	5.46	5.45	5.50	6.18	6.18	6.17	6.22	6.96	6.96	6.94	6.99	7.83	7.83	7.81	7.86	8.85	8.85	8.83	8.88
		Power	1,239	1,238	1,235	1,247	1,387	1,386	1,384	1,395	1,553	1,552	1,549	1,560	1,732	1,731	1,728	1,740	1,932	1,931	1,928	1,940	2,167	2,166	2,163	2,174
	800	MBh	23.6	23.9	24.6	---	23.4	23.7	24.4	---	22.8	23.1	23.8	---	21.8	22.1	22.8	---	20.5	20.9	21.5	---	19.4	19.7	20.4	---
		S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.80
		ΔT	28.82	27.08	23.84	20.48	28.77	27.04	23.79	20.43	29.02	27.28	24.03	20.67	28.76	27.02	23.77	20.41	28.52	26.79	23.54	20.18	29.61	27.87	24.63	21.27
		Pr Suc	130.3	131.9	135.1	140.5	138.0	139.6	142.8	148.1	144.7	146.3	149.5	154.9	150.4	152.0	155.2	160.5	156.0	157.5	160.7	166.1	162.9	164.5	167.7	173.1
		Pr Dis	253.0	254.1	255.8	260.2	292.3	293.4	295.1	299.5	333.5	334.6	336.3	340.6	377.8	378.9	380.6	385.0	425.6	426.7	428.4	432.8	476.6	477.7	479.4	483.8
		Amps	4.84	4.84	4.83	4.88	5.49	5.48	5.47	5.52	6.21	6.20	6.19	6.24	6.99	6.98	6.97	7.02	7.86	7.85	7.84	7.89	8.88	8.87	8.86	8.91
		Power	1,245	1,244	1,241	1,253	1,393	1,392	1,390	1,401	1,559	1,558	1,555	1,566	1,738	1,737	1,734	1,746	1,938	1,937	1,934	1,946	2,173	2,172	2,169	2,180
	880	MBh	23.9	24.2	24.9	---	23.7	24.0	24.7	---	23.1	23.4	24.1	---	22.1	22.4	23.1	---	20.8	21.1	21.8	---	19.7	20.0	20.7	---
		S/T	1.00	0.99	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.83
		ΔT	28.10	26.37	23.12	19.76	28.06	26.32	23.07	19.71	28.30	26.56	23.32	19.96	28.04	26.30	23.06	19.69	27.81	26.07	22.82	19.46	28.89	27.16	23.91	20.55
		Pr Suc	132.0	133.5	136.7	142.1	139.6	141.2	144.4	149.8	146.3	147.9	151.1	156.5	152.0	153.6	156.8	162.2	157.6	159.1	162.4	167.7	164.6	166.1	169.3	174.7
		Pr Dis	254.6	255.7	257.5	261.8	293.9	295.0	296.8	301.1	335.1	336.2	337.9	342.3	379.4	380.5	382.3	386.6	427.2	428.3	430.1	434.4	478.3	479.3	481.1	485.4
		Amps	4.87	4.86	4.85	4.90	5.51	5.51	5.50	5.54	6.23	6.23	6.21	6.26	7.01	7.00	6.99	7.04	7.88	7.87	7.86	7.91	8.90	8.89	8.88	8.93
		Power	1,250	1,249	1,247	1,258	1,399	1,397	1,395	1,406	1,564	1,563	1,560	1,572	1,743	1,742	1,739	1,751	1,943	1,942	1,940	1,951	2,178	2,177	2,174	2,186

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

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	560	MBh	16.4	16.7	17.2	---	16.3	16.5	17.0	---	15.9	16.1	16.6	---	15.1	15.4	15.8	---	14.2	14.5	14.9	---	13.4	13.6	14.1	---
		S/T	0.65	0.57	0.43	---	0.66	0.58	0.43	---	1.00	0.60	0.46	---	1.00	0.62	0.48	---	1.00	0.65	0.50	---	1.00	1.00	0.56	---
		ΔT	17.89	16.21	13.08	---	17.84	16.16	13.03	---	18.08	16.40	13.27	---	17.82	16.15	13.01	---	17.60	15.92	12.79	---	18.65	16.97	13.84	---
		Pr Suc	130.0	131.6	134.9	---	137.8	139.4	142.7	---	144.7	146.3	149.6	---	150.6	152.2	155.5	---	156.3	157.9	161.2	---	163.5	165.1	168.4	---
		Pr Dis	238.6	239.6	241.3	---	276.1	277.2	278.8	---	315.5	316.5	318.2	---	357.9	358.9	360.6	---	403.6	404.6	406.3	---	452.3	453.4	455.0	---
		Amps	3.02	3.02	3.01	---	3.43	3.43	3.42	---	3.88	3.88	3.87	---	4.37	4.37	4.36	---	4.92	4.92	4.91	---	5.56	5.56	5.55	---
		Power	778	777	776	---	871	870	869	---	975	974	973	---	1,088	1,087	1,085	---	1,214	1,213	1,211	---	1,361	1,361	1,359	---
	620	MBh	16.6	16.8	17.3	---	16.5	16.7	17.2	---	16.0	16.3	16.7	---	15.3	15.5	16.0	---	14.4	14.6	15.1	---	13.6	13.8	14.3	---
		S/T	0.69	0.62	0.47	---	0.70	0.62	0.48	---	1.00	0.65	0.51	---	1.00	0.67	0.53	---	1.00	0.69	0.55	---	1.00	1.00	0.60	---
		ΔT	17.12	15.44	12.31	---	17.07	15.40	12.27	---	17.31	15.63	12.50	---	17.06	15.38	12.25	---	16.83	15.16	12.02	---	17.88	16.21	13.07	---
		Pr Suc	131.4	133.0	136.3	---	139.3	140.9	144.2	---	146.2	147.8	151.1	---	152.1	153.7	157.0	---	157.8	159.4	162.7	---	165.0	166.6	169.9	---
		Pr Dis	240.1	241.1	242.8	---	277.7	278.7	280.4	---	317.0	318.1	319.7	---	359.4	360.4	362.1	---	405.1	406.1	407.8	---	453.9	454.9	456.6	---
		Amps	3.04	3.04	3.03	---	3.45	3.44	3.43	---	3.90	3.89	3.89	---	4.39	4.38	4.38	---	4.93	4.93	4.92	---	5.58	5.57	5.57	---
		Power	782	781	779	---	875	874	872	---	979	978	977	---	1,091	1,091	1,089	---	1,217	1,217	1,215	---	1,365	1,364	1,363	---
	680	MBh	16.8	17.0	17.5	---	16.7	16.9	17.4	---	16.2	16.5	16.9	---	15.5	15.7	16.2	---	14.6	14.8	15.3	---	13.8	14.0	14.5	---
		S/T	0.72	0.64	0.50	---	0.73	0.65	0.51	---	1.00	0.68	0.54	---	1.00	0.70	0.56	---	1.00	0.72	0.58	---	1.00	1.00	0.63	---
		ΔT	16.45	14.77	11.64	---	16.40	14.73	11.60	---	16.64	14.96	11.83	---	16.39	14.71	11.58	---	16.16	14.49	11.35	---	17.21	15.54	12.40	---
		Pr Suc	133.1	134.7	138.0	---	140.9	142.5	145.8	---	147.8	149.4	152.7	---	153.7	155.3	158.6	---	159.4	161.0	164.3	---	166.6	168.2	171.5	---
		Pr Dis	241.6	242.7	244.3	---	279.2	280.2	281.9	---	318.6	319.6	321.3	---	360.9	362.0	363.6	---	406.6	407.7	409.3	---	455.4	456.4	458.1	---
		Amps	3.05	3.05	3.04	---	3.46	3.46	3.45	---	3.91	3.91	3.90	---	4.40	4.40	4.39	---	4.95	4.95	4.94	---	5.59	5.59	5.58	---
		Power	785	784	782	---	878	877	876	---	982	981	980	---	1,095	1,094	1,092	---	1,221	1,220	1,218	---	1,368	1,367	1,366	---
75	560	MBh	16.4	16.7	17.2	---	16.3	16.5	17.0	---	15.9	16.1	16.6	---	15.1	15.4	15.9	---	14.2	14.5	15.0	---	13.4	13.6	14.1	---
		S/T	0.78	0.70	0.56	0.41	1.00	0.71	0.57	0.42	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.64	0.49	1.00	1.00	0.69	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	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	155.2	150.6	152.2	155.5	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	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	3.90	4.37	4.37	4.36	4.39	4.92	4.91	4.91	4.94	5.56	5.55	5.55	5.58
		Power	777	777	775	782	870	870	868	875	975	974	972	979	1,087	1,086	1,085	1,092	1,213	1,212	1,211	1,218	1,361	1,360	1,358	1,366
	620	MBh	16.6	16.8	17.3	---	16.5	16.7	17.2	---	16.0	16.3	16.8	---	15.3	**15.5**	16.0	---	14.4	14.6	15.1	---	13.6	13.8	14.3	---
		S/T	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.47	1.00	0.78	0.64	0.49	1.00	**0.80**	0.66	0.51	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	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	**153.70**	157.0	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	**360.66**	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	3.92	4.38	**4.38**	4.37	4.41	4.93	4.93	4.92	4.95	5.57	5.57	5.56	5.59
		Power	781	780	779	786	874	873	872	879	978	978	976	983	1,091	**1,090**	1,089	1,096	1,217	1,216	1,214	1,222	1,364	1,364	1,362	1,369
	680	MBh	16.8	17.0	17.5	---	16.7	16.9	17.4	---	16.2	16.5	17.0	---	15.5	15.7	16.2	---	14.6	14.8	15.3	---	13.8	14.0	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	0.52	1.00	1.00	0.69	0.54	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	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	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	4.94	4.94	4.97	5.59	5.58	5.58	5.61
		Power	784	783	782	789	877	877	875	882	981	981	979	986	1,094	1,093	1,092	1,099	1,220	1,219	1,218	1,225	1,368	1,367	1,365	1,372

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	560	MBh	16.5	16.8	17.2	---	16.4	16.6	17.1	---	16.0	16.2	16.7	---	15.2	15.4	15.9	---	14.3	14.5	15.0	---	13.5	13.7	14.2	---
		S/T	1.00	0.83	0.69	0.54	1.00	0.84	0.70	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	1.00	0.67
		ΔT	25.29	23.61	20.48	17.23	25.24	23.56	20.43	17.19	25.48	23.80	20.67	17.42	25.22	23.55	20.41	17.17	25.00	23.32	20.19	16.95	26.05	24.37	21.24	18.00
		Pr Suc	130.6	132.2	135.5	141.0	138.4	140.0	143.3	148.9	145.3	146.9	150.2	155.8	151.2	152.8	156.1	161.6	156.9	158.5	161.8	167.3	164.1	165.7	169.0	174.5
		Pr Dis	239.2	240.2	241.9	246.1	276.8	277.8	279.5	283.6	316.1	317.2	318.8	323.0	358.5	359.5	361.2	365.4	404.2	405.2	406.9	411.1	453.0	454.0	455.7	459.8
		Amps	3.02	3.02	3.01	3.04	3.43	3.43	3.42	3.45	3.88	3.88	3.87	3.90	4.37	4.37	4.36	4.39	4.92	4.91	4.91	4.94	5.56	5.56	5.55	5.58
		Power	778	777	775	783	871	870	869	876	975	974	973	980	1,088	1,087	1,085	1,093	1,214	1,213	1,211	1,218	1,361	1,360	1,359	1,366
	620	MBh	16.7	16.9	17.4	---	16.5	16.8	17.3	---	16.1	16.4	16.8	---	15.4	15.6	**16.1**	---	14.5	14.7	15.2	---	13.7	13.9	14.4	---
		S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.75	0.60	1.00	1.00	0.77	0.62	1.00	1.00	**0.79**	0.64	1.00	1.00	0.82	0.67	1.00	1.00	1.00	0.72
		ΔT	24.52	22.84	19.71	16.47	24.47	22.80	19.67	16.42	24.71	23.03	19.90	16.66	24.46	22.78	**19.65**	16.40	24.23	22.56	19.42	16.18	25.28	23.61	20.47	17.23
		Pr Suc	132.0	133.6	136.9	142.5	139.9	141.5	144.8	150.3	146.8	148.4	151.7	157.2	152.7	154.3	**157.57**	163.1	158.4	160.0	163.3	168.8	165.6	167.2	170.5	176.0
		Pr Dis	240.8	241.8	243.5	247.6	278.3	279.4	281.0	285.2	317.7	318.7	320.4	324.5	360.1	361.1	**362.77**	366.9	405.8	406.8	408.5	412.6	454.5	455.6	457.2	461.4
		Amps	3.04	3.04	3.03	3.06	3.44	3.44	3.43	3.47	3.90	3.89	3.89	3.92	4.39	4.38	**4.38**	4.41	4.93	4.93	4.92	4.95	5.58	5.57	5.57	5.60
		Power	781	781	779	786	875	874	872	879	979	978	976	984	1,091	1,091	**1,089**	1,096	1,217	1,216	1,215	1,222	1,365	1,364	1,363	1,370
	680	MBh	16.9	17.1	17.6	---	16.7	17.0	17.5	---	16.3	16.5	17.0	---	15.6	15.8	16.3	---	14.7	14.9	15.4	---	13.9	14.1	14.6	---
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	1.00	0.75
		ΔT	23.85	22.17	19.04	15.80	23.80	22.13	19.00	15.75	24.04	22.36	19.23	15.99	23.79	22.11	18.98	15.73	23.56	21.88	18.75	15.51	24.61	22.93	19.80	16.56
		Pr Suc	133.7	135.3	138.6	144.1	141.5	143.1	146.4	152.0	148.4	150.0	153.3	158.9	154.3	155.9	159.2	164.7	160.0	161.6	164.9	170.4	167.2	168.8	172.1	177.6
		Pr Dis	242.3	243.3	245.0	249.1	279.8	280.9	282.5	286.7	319.2	320.2	321.9	326.1	361.6	362.6	364.3	368.4	407.3	408.3	410.0	414.1	456.0	457.1	458.7	462.9
		Amps	3.05	3.05	3.04	3.07	3.46	3.46	3.45	3.48	3.91	3.91	3.90	3.93	4.40	4.40	4.39	4.42	4.95	4.94	4.94	4.97	5.59	5.59	5.58	5.61
		Power	785	784	782	789	878	877	876	883	982	981	980	987	1,095	1,094	1,092	1,099	1,220	1,220	1,218	1,225	1,368	1,367	1,366	1,373
85	560	MBh	16.8	17.0	17.5	---	16.7	16.9	17.4	---	16.2	16.5	16.9	---	15.5	15.7	16.2	---	14.6	14.8	15.3	---	13.8	14.0	14.5	---
		S/T	1.00	0.94	0.80	0.65	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78
		ΔT	28.58	26.90	23.77	20.53	28.53	26.86	23.72	20.48	28.77	27.09	23.96	20.72	28.51	26.84	23.71	20.46	28.29	26.61	23.48	20.24	29.34	27.66	24.53	21.29
		Pr Suc	132.5	134.1	137.4	142.9	140.4	142.0	145.3	150.8	147.3	148.9	152.2	157.7	153.1	154.7	158.0	163.5	158.9	160.5	163.7	169.3	166.0	167.6	170.9	176.4
		Pr Dis	240.3	241.4	243.0	247.2	277.9	278.9	280.6	284.7	317.2	318.3	320.0	324.1	359.6	360.7	362.3	366.5	405.3	406.4	408.0	412.2	454.1	455.1	456.8	460.9
		Amps	3.03	3.03	3.02	3.05	3.44	3.43	3.43	3.46	3.89	3.89	3.88	3.91	4.38	4.38	4.37	4.40	4.93	4.92	4.92	4.95	5.57	5.56	5.56	5.59
		Power	780	779	777	784	873	872	870	878	977	976	975	982	1,089	1,089	1,087	1,094	1,215	1,215	1,213	1,220	1,363	1,362	1,361	1,368
	620	MBh	17.0	17.2	17.7	---	16.8	17.1	17.5	---	16.4	16.6	17.1	---	15.7	15.9	16.4	---	14.8	15.0	15.5	---	13.9	14.2	14.7	---
		S/T	1.00	1.00	0.84	0.70	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	1.00	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.83
		ΔT	27.81	26.14	23.00	19.76	27.77	26.09	22.96	19.71	28.00	26.32	23.19	19.95	27.75	26.07	22.94	19.70	27.52	25.85	22.72	19.47	28.57	26.90	23.77	20.52
		Pr Suc	134.0	135.6	138.9	144.4	141.9	143.5	146.8	152.3	148.8	150.4	153.7	159.2	154.6	156.2	159.5	165.0	160.3	161.9	165.2	170.8	167.5	169.1	172.4	177.9
		Pr Dis	241.9	242.9	244.6	248.7	279.4	280.5	282.2	286.3	318.8	319.8	321.5	325.7	361.2	362.2	363.9	368.0	406.9	407.9	409.6	413.7	455.6	456.7	458.3	462.5
		Amps	3.05	3.04	3.04	3.07	3.45	3.45	3.44	3.47	3.90	3.90	3.89	3.93	4.39	4.39	4.38	4.42	4.94	4.94	4.93	4.96	5.58	5.58	5.57	5.60
		Power	783	782	781	788	876	876	874	881	981	980	978	985	1,093	1,092	1,091	1,098	1,219	1,218	1,217	1,224	1,367	1,366	1,364	1,371
	680	MBh	17.2	17.4	17.9	---	17.0	17.3	17.7	---	16.6	16.8	17.3	---	15.9	16.1	16.6	---	15.0	15.2	15.7	---	14.1	14.4	14.9	---
		S/T	1.00	1.00	0.87	0.73	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85
		ΔT	27.14	25.46	22.33	19.09	27.10	25.42	22.29	19.04	27.33	25.65	22.52	19.28	27.08	25.40	22.27	19.03	26.85	25.18	22.05	18.80	27.90	26.23	23.10	19.85
		Pr Suc	135.6	137.2	140.5	146.0	143.5	145.1	148.4	153.9	150.4	152.0	155.3	160.8	156.2	157.8	161.1	166.6	161.9	163.5	166.8	172.4	169.1	170.7	174.0	179.5
		Pr Dis	243.4	244.4	246.1	250.2	281.0	282.0	283.7	287.8	320.3	321.4	323.0	327.2	362.7	363.7	365.4	369.6	408.4	409.4	411.1	415.3	457.2	458.2	459.9	464.0
		Amps	3.06	3.06	3.05	3.08	3.47	3.46	3.46	3.49	3.92	3.92	3.91	3.94	4.41	4.41	4.40	4.43	4.96	4.95	4.95	4.98	5.60	5.59	5.59	5.62
		Power	786	786	784	791	880	879	877	884	984	983	981	989	1,096	1,096	1,094	1,101	1,222	1,221	1,220	1,227	1,370	1,369	1,368	1,375

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1240	MBh	34.3	34.7	35.8	---	34.0	34.4	35.5	---	33.1	33.5	34.6	---	31.5	32.0	33.0	---	29.6	30.1	31.1	---	27.9	28.4	29.4	---
		S/T	0.67	0.58	0.44	---	0.67	0.59	0.44	---	0.70	0.62	0.47	---	1.00	0.64	0.49	---	1.00	0.66	0.52	---	1.00	0.72	0.57	---
		ΔT	18.39	16.67	13.46	---	18.34	16.62	13.41	---	18.58	16.87	13.66	---	18.33	16.61	13.40	---	18.10	16.38	13.17	---	19.17	17.45	14.24	---
		Pr Suc	124.5	126.0	129.2	---	132.0	133.6	136.7	---	138.7	140.2	143.4	---	144.3	145.8	148.9	---	149.7	151.3	154.4	---	156.6	158.2	161.3	---
		Pr Dis	274.2	275.4	277.4	---	317.4	318.6	320.6	---	362.7	363.9	365.8	---	411.5	412.6	414.6	---	464.0	465.2	467.1	---	520.1	521.3	523.2	---
		Amps	7.90	7.89	7.87	---	9.06	9.05	9.03	---	10.34	10.33	10.31	---	11.73	11.72	11.70	---	13.29	13.28	13.26	---	15.11	15.10	15.09	---
		Power	2,035	2,033	2,028	---	2,300	2,298	2,293	---	2,596	2,593	2,589	---	2,916	2,914	2,909	---	3,273	3,271	3,267	---	3,693	3,691	3,687	---
	1380	MBh	34.6	35.1	36.1	---	34.3	34.8	35.8	---	33.4	33.9	34.9	---	31.9	32.4	33.4	---	30.0	30.5	31.5	---	28.3	28.8	29.8	---
		S/T	0.72	0.63	0.49	---	0.72	0.64	0.50	---	0.75	0.67	0.52	---	1.00	0.69	0.54	---	1.00	0.71	0.57	---	1.00	0.77	0.62	---
		ΔT	17.55	15.83	12.62	---	17.50	15.78	12.57	---	17.74	16.02	12.81	---	17.48	15.76	12.56	---	17.25	15.54	12.33	---	18.33	16.61	13.40	---
		Pr Suc	126.0	127.5	130.7	---	133.6	135.1	138.3	---	140.2	141.7	144.9	---	145.8	147.3	150.5	---	151.3	152.8	156.0	---	158.1	159.7	162.8	---
		Pr Dis	276.1	277.3	279.3	---	319.4	320.5	322.5	---	364.6	365.8	367.7	---	413.4	414.6	416.5	---	465.9	467.1	469.0	---	522.0	523.2	525.1	---
		Amps	7.95	7.94	7.92	---	9.10	9.09	9.07	---	10.39	10.38	10.36	---	11.78	11.77	11.75	---	13.34	13.33	13.31	---	15.16	15.15	15.13	---
		Power	2,046	2,044	2,039	---	2,311	2,309	2,304	---	2,607	2,605	2,600	---	2,927	2,925	2,920	---	3,285	3,283	3,278	---	3,704	3,702	3,698	---
	1520	MBh	35.1	35.6	36.6	---	34.8	35.2	36.3	---	33.9	34.4	35.4	---	32.3	32.8	33.8	---	30.5	30.9	32.0	---	28.7	29.2	30.3	---
		S/T	0.75	0.67	0.52	---	0.76	0.67	0.53	---	0.78	0.70	0.55	---	1.00	0.72	0.58	---	1.00	0.75	0.60	---	1.00	0.80	0.65	---
		ΔT	16.82	15.10	11.89	---	16.77	15.05	11.84	---	17.01	15.29	12.08	---	16.75	15.03	11.83	---	16.52	14.81	11.60	---	17.60	15.88	12.67	---
		Pr Suc	127.7	129.2	132.3	---	135.2	136.7	139.9	---	141.8	143.4	146.5	---	147.4	149.0	152.1	---	152.9	154.4	157.6	---	159.8	161.3	164.5	---
		Pr Dis	278.0	279.2	281.1	---	321.2	322.4	324.3	---	366.5	367.7	369.6	---	415.2	416.4	418.3	---	467.8	469.0	470.9	---	523.9	525.0	527.0	---
		Amps	7.99	7.98	7.96	---	9.15	9.14	9.12	---	10.43	10.42	10.40	---	11.82	11.81	11.80	---	13.38	13.37	13.35	---	15.20	15.20	15.18	---
		Power	2,055	2,053	2,049	---	2,320	2,318	2,314	---	2,616	2,614	2,610	---	2,936	2,934	2,930	---	3,294	3,292	3,288	---	3,714	3,712	3,707	---
75	1240	MBh	34.3	34.8	35.8	---	34.0	34.5	35.5	---	33.1	33.6	34.6	---	31.5	32.0	33.0	---	29.7	30.1	31.2	---	28.0	28.4	29.5	---
		S/T	0.80	0.72	0.58	0.42	0.81	0.73	0.58	0.43	1.00	0.76	0.61	0.46	1.00	0.78	0.63	0.48	1.00	0.80	0.66	0.50	1.00	1.00	0.71	0.56
		ΔT	22.17	20.45	17.24	13.92	22.12	20.40	17.19	13.87	22.36	20.65	17.44	14.11	22.10	20.39	17.18	13.85	21.88	20.16	16.95	13.62	22.95	21.23	18.02	14.70
		Pr Suc	124.5	126.0	129.2	134.5	132.1	133.6	136.8	142.1	138.7	140.2	143.4	148.7	144.3	145.8	149.0	154.3	149.8	151.3	154.5	159.8	156.6	158.2	161.3	166.6
		Pr Dis	274.5	275.7	277.6	282.4	317.7	318.9	320.8	325.6	363.0	364.1	366.1	370.8	411.7	412.9	414.8	419.6	464.2	465.4	467.4	472.1	520.3	521.5	523.4	528.2
		Amps	7.90	7.89	7.87	7.95	9.05	9.04	9.02	9.11	10.33	10.32	10.31	10.39	11.73	11.72	11.70	11.79	13.28	13.27	13.25	13.34	15.11	15.10	15.08	15.17
		Power	2,033	2,031	2,026	2,047	2,298	2,296	2,291	2,312	2,594	2,592	2,587	2,607	2,914	2,912	2,907	2,928	3,272	3,270	3,265	3,285	3,691	3,689	3,685	3,705
	1380	MBh	34.7	35.1	36.2	---	34.3	34.8	35.9	---	33.5	33.9	35.0	---	31.9	**32.4**	33.4	---	30.0	30.5	31.5	---	28.3	28.8	29.8	---
		S/T	0.86	0.77	0.63	0.47	1.00	0.78	0.63	0.48	1.00	0.81	0.66	0.51	1.00	**0.83**	0.68	0.53	1.00	0.85	0.71	0.55	1.00	1.00	0.76	0.61
		ΔT	21.33	19.61	16.40	13.07	21.28	19.56	16.35	13.03	21.52	19.80	16.59	13.27	21.26	**19.54**	16.33	13.01	21.03	19.31	16.11	12.78	22.11	20.39	17.18	13.86
		Pr Suc	126.0	127.6	130.7	136.0	133.6	135.1	138.3	143.6	140.2	141.7	144.9	150.2	145.8	**147.33**	150.5	155.8	151.3	152.8	156.0	161.3	158.2	159.7	162.9	168.1
		Pr Dis	276.4	277.6	279.5	284.3	319.6	320.8	322.7	327.5	364.9	366.1	368.0	372.7	413.6	**414.79**	416.7	421.5	466.2	467.3	469.3	474.0	522.2	523.4	525.4	530.1
		Amps	7.94	7.93	7.91	8.00	9.10	9.09	9.07	9.16	10.38	10.37	10.35	10.44	11.77	**11.77**	11.75	11.83	13.33	13.32	13.30	13.39	15.15	15.15	15.13	15.21
		Power	2,044	2,042	2,037	2,058	2,309	2,307	2,302	2,323	2,605	2,603	2,598	2,619	2,925	**2,923**	2,919	2,939	3,283	3,281	3,276	3,297	3,703	3,701	3,696	3,716
	1520	MBh	35.1	35.6	36.6	---	34.8	35.3	36.3	---	33.9	34.4	35.4	---	32.4	32.8	33.9	---	30.5	31.0	32.0	---	28.8	29.2	30.3	---
		S/T	0.89	0.81	0.66	0.51	1.00	0.81	0.67	0.51	1.00	0.84	0.69	0.54	1.00	0.86	0.71	0.56	1.00	0.88	0.74	0.58	1.00	1.00	0.79	0.64
		ΔT	20.60	18.88	15.67	12.34	20.55	18.83	15.62	12.30	20.79	19.07	15.86	12.54	20.53	18.81	15.60	12.28	20.30	18.58	15.38	12.05	21.38	19.66	16.45	13.13
		Pr Suc	127.7	129.2	132.4	137.7	135.2	136.8	139.9	145.2	141.9	143.4	146.6	151.8	147.4	149.0	152.1	157.4	152.9	154.5	157.6	162.9	159.8	161.3	164.5	169.8
		Pr Dis	278.2	279.4	281.4	286.1	321.5	322.6	324.6	329.3	366.7	367.9	369.8	374.6	415.5	416.7	418.6	423.4	468.0	469.2	471.1	475.9	524.1	525.3	527.2	532.0
		Amps	7.99	7.98	7.96	8.04	9.14	9.13	9.11	9.20	10.42	10.42	10.40	10.48	11.82	11.81	11.79	11.88	13.37	13.36	13.34	13.43	15.20	15.19	15.17	15.26
		Power	2,054	2,052	2,047	2,067	2,319	2,317	2,312	2,332	2,615	2,612	2,608	2,628	2,935	2,933	2,928	2,948	3,293	3,290	3,286	3,306	3,712	3,710	3,706	3,726

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

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1240	MBh	34.5	34.9	36.0	---	34.1	34.6	35.7	---	33.3	33.7	34.8	---	31.7	32.2	33.2	---	29.8	30.3	31.3	---	28.1	28.6	29.6	---
		S/T	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	0.77	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.85	0.69
		ΔT	25.97	24.26	21.05	17.72	25.93	24.21	21.00	17.67	26.17	24.45	21.24	17.92	25.91	24.19	20.98	17.66	25.68	23.96	20.75	17.43	26.76	25.04	21.83	18.50
		Pr Suc	125.1	126.6	129.8	135.0	132.6	134.2	137.3	142.6	139.2	140.8	143.9	149.2	144.8	146.4	149.5	154.8	150.3	151.9	155.0	160.3	157.2	158.7	161.9	167.2
		Pr Dis	275.0	276.2	278.1	282.9	318.2	319.4	321.3	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
		Amps	7.90	7.89	7.87	7.96	9.05	9.04	9.02	9.11	10.34	10.33	10.31	10.40	11.73	11.72	11.70	11.79	13.29	13.28	13.26	13.35	15.11	15.10	15.08	15.17
		Power	2,034	2,032	2,028	2,048	2,299	2,297	2,293	2,313	2,595	2,593	2,589	2,609	2,915	2,913	2,909	2,929	3,273	3,271	3,267	3,287	3,693	3,691	3,686	3,707
	1380	MBh	34.8	35.3	36.3	---	34.5	35.0	36.0	---	33.6	34.1	35.1	---	32.1	32.6	**33.6**	---	30.2	30.7	31.7	---	28.5	29.0	30.0	---
		S/T	1.00	0.91	0.76	0.61	1.00	0.92	0.77	0.62	1.00	0.94	0.80	0.64	1.00	1.00	**0.82**	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.90	0.74
		ΔT	25.13	23.41	20.20	16.88	25.09	23.37	20.16	16.83	25.33	23.61	20.40	17.07	25.07	23.35	**20.14**	16.81	24.84	23.12	19.91	16.59	25.92	24.20	20.99	17.66
		Pr Suc	126.6	128.1	131.3	136.6	134.1	135.7	138.8	144.1	140.8	142.3	145.4	150.7	146.3	147.9	**151.04**	156.3	151.8	153.4	156.5	161.8	158.7	160.2	163.4	168.7
		Pr Dis	276.9	278.1	280.0	284.8	320.1	321.3	323.2	328.0	365.4	366.6	368.5	373.3	414.1	415.3	**417.22**	422.0	466.7	467.8	469.8	474.5	522.7	523.9	525.9	530.6
		Amps	7.95	7.94	7.92	8.01	9.10	9.09	9.07	9.16	10.39	10.38	10.36	10.45	11.78	11.77	**11.75**	11.84	13.34	13.33	13.31	13.40	15.16	15.15	15.13	15.22
		Power	2,045	2,043	2,039	2,059	2,310	2,308	2,304	2,324	2,606	2,604	2,600	2,620	2,927	2,924	**2,920**	2,940	3,284	3,282	3,278	3,298	3,704	3,702	3,697	3,718
	1520	MBh	35.3	35.8	36.8	---	35.0	35.4	36.5	---	34.1	34.6	35.6	---	32.5	33.0	34.0	---	30.7	31.1	32.2	---	28.9	29.4	30.4	---
		S/T	1.00	0.94	0.79	0.64	1.00	0.95	0.80	0.65	1.00	0.97	0.83	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.93	0.77
		ΔT	24.40	22.68	19.47	16.15	24.36	22.64	19.43	16.10	24.60	22.88	19.67	16.34	24.34	22.62	19.41	16.08	24.11	22.39	19.18	15.86	25.18	23.47	20.26	16.93
		Pr Suc	128.2	129.8	132.9	138.2	135.8	137.3	140.5	145.8	142.4	143.9	147.1	152.4	148.0	149.5	152.7	158.0	153.5	155.0	158.2	163.5	160.4	161.9	165.1	170.3
		Pr Dis	278.8	279.9	281.9	286.6	322.0	323.1	325.1	329.8	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
		Amps	7.99	7.98	7.96	8.05	9.14	9.13	9.12	9.20	10.43	10.42	10.40	10.49	11.82	11.81	11.79	11.88	13.38	13.37	13.35	13.44	15.20	15.19	15.17	15.26
		Power	2,055	2,053	2,048	2,069	2,320	2,318	2,313	2,334	2,616	2,614	2,609	2,630	2,936	2,934	2,930	2,950	3,294	3,292	3,287	3,308	3,714	3,712	3,707	3,727
85	1240	MBh	35.0	35.5	36.5	---	34.7	35.2	36.2	---	33.8	34.3	35.3	---	32.3	32.8	33.8	---	30.4	30.9	31.9	---	28.7	29.2	30.2	---
		S/T	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	0.88	0.72	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.80
		ΔT	29.35	27.63	24.42	21.10	29.30	27.58	24.37	21.05	29.54	27.83	24.62	21.29	29.28	27.57	24.36	21.03	29.06	27.34	24.13	20.80	30.13	28.41	25.20	21.88
		Pr Suc	126.9	128.5	131.6	136.9	134.5	136.0	139.2	144.5	141.1	142.6	145.8	151.1	146.7	148.2	151.4	156.7	152.2	153.7	156.9	162.2	159.1	160.6	163.8	169.0
		Pr Dis	276.3	277.5	279.4	284.2	319.5	320.7	322.6	327.4	364.7	365.9	367.9	372.6	413.5	414.7	416.6	421.4	466.0	467.2	469.2	473.9	522.1	523.3	525.2	530.0
		Amps	7.92	7.91	7.89	7.98	9.08	9.07	9.05	9.14	10.36	10.35	10.33	10.42	11.75	11.75	11.73	11.81	13.31	13.30	13.28	13.37	15.13	15.13	15.11	15.19
		Power	2,039	2,037	2,033	2,053	2,304	2,302	2,298	2,318	2,600	2,598	2,594	2,614	2,920	2,918	2,914	2,934	3,278	3,276	3,272	3,292	3,698	3,696	3,691	3,712
	1380	MBh	35.4	35.9	36.9	---	35.1	35.6	36.6	---	34.2	34.7	35.7	---	32.7	33.2	34.2	---	30.8	31.3	32.3	---	29.1	29.6	30.6	---
		S/T	1.00	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	1.00	0.80	1.00	1.00	1.00	0.85
		ΔT	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
		Pr Suc	128.4	130.0	133.1	138.4	136.0	137.5	140.7	146.0	142.6	144.1	147.3	152.6	148.2	149.7	152.9	158.2	153.7	155.2	158.4	163.7	160.6	162.1	165.3	170.6
		Pr Dis	278.2	279.4	281.3	286.1	321.4	322.6	324.5	329.3	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
		Amps	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	15.17	15.15	15.24
		Power	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
	1520	MBh	35.8	36.3	37.3	---	35.5	36.0	37.0	---	34.6	35.1	36.1	---	33.1	33.6	34.6	---	31.2	31.7	32.7	---	29.5	30.0	31.0	---
		S/T	1.00	1.00	0.90	0.75	1.00	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	1.00	0.83	1.00	1.00	1.00	0.88
		ΔT	27.78	26.06	22.85	19.52	27.73	26.01	22.80	19.48	27.97	26.25	23.04	19.72	27.71	25.99	22.78	19.46	27.48	25.76	22.56	19.23	28.56	26.84	23.63	20.31
		Pr Suc	130.1	131.6	134.8	140.1	137.6	139.2	142.3	147.6	144.3	145.8	149.0	154.2	149.9	151.4	154.6	159.8	155.3	156.9	160.0	165.3	162.2	163.8	166.9	172.2
		Pr Dis	280.0	281.2	283.2	287.9	323.2	324.4	326.4	331.1	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
		Amps	8.01	8.00	7.98	8.07	9.17	9.16	9.14	9.23	10.45	10.44	10.42	10.51	11.84	11.84	11.82	11.90	13.40	13.39	13.37	13.46	15.22	15.22	15.20	15.28
		Power	2,060	2,058	2,054	2,074	2,325	2,323	2,319	2,339	2,621	2,619	2,614	2,635	2,941	2,939	2,935	2,955	3,299	3,297	3,292	3,313	3,719	3,717	3,712	3,732

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	870	MBh	24.6	25.0	25.7	---	24.4	24.8	25.5	---	23.8	24.1	24.9	---	22.7	23.0	23.7	---	21.3	21.7	22.4	---	20.1	20.4	21.2	---
		S/T	0.68	0.60	0.45	---	0.69	0.61	0.46	---	0.72	0.63	0.48	---	1.00	0.66	0.51	---	1.00	0.68	0.53	---	1.00	0.74	0.59	---
		ΔT	17.75	16.09	12.99	---	17.70	16.04	12.94	---	17.93	16.27	13.18	---	17.68	16.02	12.93	---	17.46	15.80	12.71	---	18.50	16.84	13.74	---
		Pr Suc	128.0	129.5	132.8	---	135.7	137.3	140.6	---	142.5	144.1	147.4	---	148.3	149.9	153.1	---	153.9	155.5	158.8	---	161.0	162.6	165.8	---
		Pr Dis	262.2	263.3	265.1	---	303.5	304.6	306.5	---	346.8	347.9	349.7	---	393.4	394.5	396.3	---	443.6	444.7	446.6	---	497.2	498.3	500.2	---
		Amps	4.97	4.97	4.95	---	5.70	5.69	5.68	---	6.50	6.50	6.49	---	7.38	7.37	7.36	---	8.36	8.35	8.34	---	9.51	9.50	9.49	---
		Power	1,280	1,278	1,276	---	1,446	1,445	1,442	---	1,633	1,631	1,628	---	1,834	1,833	1,830	---	2,059	2,058	2,055	---	2,323	2,322	2,319	---
	970	MBh	24.9	25.2	26.0	---	24.7	25.0	25.8	---	24.0	24.4	25.1	---	22.9	23.3	24.0	---	21.6	21.9	22.7	---	20.4	20.7	21.4	---
		S/T	0.74	0.65	0.50	---	0.74	0.66	0.51	---	1.00	0.69	0.54	---	1.00	0.71	0.56	---	1.00	0.73	0.58	---	1.00	1.00	0.64	---
		ΔT	16.93	15.28	12.18	---	16.89	15.23	12.13	---	17.12	15.46	12.37	---	16.87	15.21	12.12	---	16.65	14.99	11.89	---	17.69	16.03	12.93	---
		Pr Suc	129.5	131.1	134.4	---	137.3	138.9	142.1	---	144.1	145.7	148.9	---	149.8	151.4	154.7	---	155.5	157.1	160.3	---	162.6	164.1	167.4	---
		Pr Dis	264.0	265.1	267.0	---	305.3	306.4	308.3	---	348.6	349.7	351.6	---	395.2	396.3	398.2	---	445.4	446.6	448.4	---	499.0	500.2	502.0	---
		Amps	5.00	5.00	4.98	---	5.73	5.72	5.71	---	6.54	6.53	6.52	---	7.41	7.41	7.39	---	8.39	8.38	8.37	---	9.54	9.53	9.52	---
		Power	1,287	1,285	1,283	---	1,453	1,452	1,449	---	1,640	1,638	1,635	---	1,841	1,840	1,837	---	2,066	2,065	2,062	---	2,330	2,329	2,326	---
	1070	MBh	25.2	25.6	26.3	---	25.0	25.3	26.1	---	24.4	24.7	25.4	---	23.2	23.6	24.3	---	21.9	22.2	23.0	---	20.7	21.0	21.7	---
		S/T	0.77	0.68	0.53	---	0.78	0.69	0.54	---	1.00	0.72	0.57	---	1.00	0.74	0.59	---	1.00	0.77	0.62	---	1.00	1.00	0.67	---
		ΔT	16.23	14.57	11.47	---	16.18	14.53	11.43	---	16.42	14.76	11.66	---	16.17	14.51	11.41	---	15.95	14.29	11.19	---	16.98	15.33	12.23	---
		Pr Suc	131.2	132.8	136.1	---	139.0	140.6	143.8	---	145.8	147.4	150.6	---	151.5	153.1	156.4	---	157.2	158.8	162.0	---	164.3	165.8	169.1	---
		Pr Dis	265.8	266.9	268.7	---	307.1	308.2	310.1	---	350.4	351.5	353.3	---	397.0	398.1	399.9	---	447.2	448.3	450.2	---	500.8	501.9	503.8	---
		Amps	5.03	5.02	5.01	---	5.75	5.75	5.73	---	6.56	6.56	6.54	---	7.44	7.43	7.42	---	8.42	8.41	8.40	---	9.56	9.56	9.55	---
		Power	1,293	1,292	1,289	---	1,460	1,458	1,455	---	1,646	1,644	1,641	---	1,847	1,846	1,843	---	2,072	2,071	2,068	---	2,336	2,335	2,332	---
75	870	MBh	24.6	25.0	25.7	---	24.4	24.8	25.5	---	23.8	24.1	24.9	---	22.7	23.0	23.8	---	21.3	21.7	22.4	---	20.1	20.4	21.2	---
		S/T	0.83	0.74	0.59	0.43	1.00	0.75	0.60	0.44	1.00	0.78	0.63	0.47	1.00	0.80	0.65	0.49	1.00	1.00	0.67	0.51	1.00	1.00	0.73	0.57
		ΔT	21.39	19.73	16.64	13.43	21.35	19.69	16.59	13.38	21.58	19.92	16.82	13.62	21.33	19.67	16.57	13.37	21.11	19.45	16.35	13.14	22.15	20.49	17.39	14.18
		Pr Suc	128.0	129.6	132.8	138.3	135.8	137.3	140.6	146.0	142.6	144.1	147.4	152.8	148.3	149.9	153.1	158.6	154.0	155.5	158.8	164.2	161.0	162.6	165.9	171.3
		Pr Dis	262.4	263.5	265.4	269.9	303.7	304.8	306.7	311.3	347.0	348.1	350.0	354.5	393.6	394.7	396.6	401.1	443.8	445.0	446.8	451.4	497.4	498.6	500.4	505.0
		Amps	4.97	4.96	4.95	5.00	5.69	5.69	5.67	5.73	6.50	6.49	6.48	6.54	7.38	7.37	7.36	7.41	8.35	8.35	8.34	8.39	9.50	9.50	9.48	9.54
		Power	1,279	1,277	1,275	1,287	1,445	1,444	1,441	1,454	1,632	1,630	1,627	1,640	1,833	1,832	1,829	1,842	2,058	2,057	2,054	2,067	2,322	2,321	2,318	2,331
	970	MBh	24.9	25.3	26.0	---	24.7	25.0	25.8	---	24.1	24.4	25.1	---	22.9	**23.3**	24.0	---	21.6	21.9	22.7	---	20.4	20.7	21.4	---
		S/T	0.88	0.79	0.64	0.49	1.00	0.80	0.65	0.49	1.00	0.83	0.68	0.52	1.00	**0.85**	0.70	0.54	1.00	1.00	0.73	0.57	1.00	1.00	0.78	0.62
		ΔT	20.58	18.92	15.83	12.62	20.54	18.88	15.78	12.57	20.77	19.11	16.01	12.80	20.52	**18.86**	15.76	12.55	20.30	18.64	15.54	12.33	21.34	19.68	16.58	13.37
		Pr Suc	129.6	131.1	134.4	139.8	137.3	138.9	142.2	147.6	144.1	145.7	149.0	154.4	149.9	**151.46**	154.7	160.1	155.5	157.1	160.4	165.8	162.6	164.2	167.4	172.9
		Pr Dis	264.2	265.4	267.2	271.8	305.5	306.7	308.5	313.1	348.8	349.9	351.8	356.3	395.4	**396.54**	398.4	402.9	445.6	446.8	448.6	453.2	499.3	500.4	502.2	506.8
		Amps	5.00	4.99	4.98	5.03	5.72	5.72	5.70	5.76	6.53	6.52	6.51	6.57	7.41	**7.40**	7.39	7.44	8.38	8.38	8.37	8.42	9.53	9.53	9.51	9.57
		Power	1,286	1,284	1,282	1,294	1,452	1,451	1,448	1,461	1,639	1,637	1,634	1,647	1,840	**1,839**	1,836	1,849	2,065	2,064	2,061	2,074	2,329	2,328	2,325	2,338
	1070	MBh	25.2	25.6	26.3	---	25.0	25.4	26.1	---	24.4	24.7	25.4	---	23.3	23.6	24.3	---	21.9	22.3	23.0	---	20.7	21.0	21.8	---
		S/T	0.91	0.83	0.68	0.52	1.00	0.83	0.68	0.53	1.00	0.86	0.71	0.55	1.00	0.88	0.73	0.58	1.00	1.00	0.76	0.60	1.00	1.00	0.81	0.66
		ΔT	19.88	18.22	15.12	11.91	19.83	18.17	15.08	11.87	20.07	18.41	15.31	12.10	19.82	18.16	15.06	11.85	19.59	17.93	14.84	11.63	20.63	18.97	15.88	12.67
		Pr Suc	131.3	132.8	136.1	141.5	139.0	140.6	143.9	149.3	145.8	147.4	150.7	156.1	151.6	153.2	156.4	161.8	157.2	158.8	162.0	167.5	164.3	165.9	169.1	174.6
		Pr Dis	266.0	267.1	269.0	273.5	307.3	308.4	310.3	314.9	350.6	351.7	353.6	358.1	397.2	398.3	400.2	404.7	447.4	448.6	450.4	455.0	501.0	502.2	504.0	508.6
		Amps	5.02	5.02	5.00	5.06	5.75	5.74	5.73	5.79	6.56	6.55	6.54	6.59	7.43	7.43	7.41	7.47	8.41	8.41	8.39	8.45	9.56	9.55	9.54	9.60
		Power	1,292	1,290	1,288	1,300	1,458	1,457	1,454	1,467	1,645	1,643	1,640	1,653	1,846	1,845	1,842	1,855	2,071	2,070	2,067	2,080	2,335	2,334	2,331	2,344

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	870	MBh	24.8	25.1	25.9	---	24.6	24.9	25.6	---	23.9	24.3	25.0	---	22.8	23.2	23.9	---	21.5	21.8	22.5	---	20.2	20.6	21.3	---
		S/T	1.00	0.88	0.73	0.57	1.00	0.89	0.74	0.58	1.00	0.92	0.77	0.61	1.00	1.00	0.79	0.63	1.00	1.00	0.81	0.65	1.00	1.00	0.87	0.71
		ΔT	25.06	23.41	20.31	17.10	25.02	23.36	20.26	17.05	25.25	23.59	20.50	17.29	25.00	23.34	20.25	17.04	24.78	23.12	20.02	16.82	25.82	24.16	21.06	17.85
		Pr Suc	128.6	130.1	133.4	138.8	136.3	137.9	141.2	146.6	143.1	144.7	148.0	153.4	148.9	150.5	153.7	159.1	154.5	156.1	159.4	164.8	161.6	163.2	166.4	171.9
		Pr Dis	262.9	264.0	265.9	270.4	304.2	305.3	307.2	311.7	347.5	348.6	350.4	355.0	394.1	395.2	397.0	401.6	444.3	445.4	447.3	451.8	497.9	499.1	500.9	505.5
		Amps	4.97	4.96	4.95	5.01	5.69	5.69	5.68	5.73	6.50	6.50	6.49	6.54	7.38	7.37	7.36	7.42	8.36	8.35	8.34	8.40	9.51	9.50	9.49	9.54
		Power	1,280	1,278	1,275	1,288	1,446	1,445	1,442	1,455	1,632	1,631	1,628	1,641	1,834	1,832	1,830	1,842	2,059	2,057	2,055	2,067	2,323	2,321	2,319	2,331
	970	MBh	25.0	25.4	26.1	---	24.8	25.2	25.9	---	24.2	24.5	25.3	---	23.1	23.4	**24.2**	---	21.7	22.1	22.8	---	20.5	20.8	21.6	---
		S/T	1.00	0.93	0.78	0.63	1.00	0.94	0.79	0.63	1.00	1.00	0.82	0.66	1.00	1.00	**0.84**	0.68	1.00	1.00	0.86	0.71	1.00	1.00	1.00	0.76
		ΔT	24.25	22.59	19.50	16.29	24.21	22.55	19.45	16.24	24.44	22.78	19.69	16.48	24.19	22.53	**19.44**	16.23	23.97	22.31	19.21	16.00	25.01	23.35	20.25	17.04
		Pr Suc	130.1	131.7	135.0	140.4	137.9	139.5	142.7	148.2	144.7	146.3	149.5	155.0	150.4	152.0	**155.27**	160.7	156.1	157.7	160.9	166.4	163.2	164.7	168.0	173.4
		Pr Dis	264.7	265.8	267.7	272.2	306.0	307.2	309.0	313.6	349.3	350.4	352.3	356.8	395.9	397.0	**398.86**	403.4	446.1	447.3	449.1	453.7	499.7	500.9	502.7	507.3
		Amps	5.00	4.99	4.98	5.04	5.73	5.72	5.71	5.76	6.53	6.53	6.52	6.57	7.41	7.40	**7.39**	7.45	8.39	8.38	8.37	8.43	9.54	9.53	9.52	9.57
		Power	1,287	1,285	1,282	1,295	1,453	1,452	1,449	1,462	1,639	1,638	1,635	1,648	1,841	1,839	**1,837**	1,849	2,066	2,064	2,062	2,074	2,330	2,328	2,326	2,338
	1070	MBh	25.4	25.7	26.4	---	25.1	25.5	26.2	---	24.5	24.8	25.6	---	23.4	23.7	24.5	---	22.0	22.4	23.1	---	20.8	21.2	21.9	---
		S/T	1.00	0.97	0.82	0.66	1.00	0.97	0.82	0.66	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.71	1.00	1.00	0.90	0.74	1.00	1.00	1.00	0.80
		ΔT	23.55	21.89	18.79	15.58	23.50	21.85	18.75	15.54	23.74	22.08	18.98	15.77	23.49	21.83	18.73	15.52	23.27	21.61	18.51	15.30	24.30	22.65	19.55	16.34
		Pr Suc	131.8	133.4	136.6	142.1	139.6	141.2	144.4	149.9	146.4	148.0	151.2	156.7	152.1	153.7	157.0	162.4	157.8	159.4	162.6	168.0	164.9	166.4	169.7	175.1
		Pr Dis	266.5	267.6	269.5	274.0	307.8	308.9	310.8	315.3	351.1	352.2	354.0	358.6	397.7	398.8	400.6	405.2	447.9	449.0	450.9	455.4	501.5	502.7	504.5	509.1
		Amps	5.03	5.02	5.01	5.06	5.75	5.75	5.73	5.79	6.56	6.55	6.54	6.60	7.44	7.43	7.42	7.47	8.41	8.41	8.40	8.45	9.56	9.56	9.54	9.60
		Power	1,293	1,291	1,288	1,301	1,459	1,458	1,455	1,468	1,645	1,644	1,641	1,654	1,847	1,846	1,843	1,855	2,072	2,071	2,068	2,080	2,336	2,335	2,332	2,344
85	870	MBh	25.2	25.5	26.3	---	25.0	25.3	26.0	---	24.3	24.7	25.4	---	23.2	23.6	24.3	---	21.9	22.2	23.0	---	20.6	21.0	21.7	---
		S/T	1.00	0.99	0.84	0.68	1.00	1.00	0.85	0.69	1.00	1.00	0.88	0.72	1.00	1.00	0.90	0.74	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
		ΔT	28.32	26.66	23.57	20.36	28.28	26.62	23.52	20.31	28.51	26.85	23.75	20.54	28.26	26.60	23.50	20.29	28.04	26.38	23.28	20.07	29.08	27.42	24.32	21.11
		Pr Suc	130.5	132.1	135.3	140.7	138.2	139.8	143.1	148.5	145.0	146.6	149.9	155.3	150.8	152.4	155.6	161.1	156.4	158.0	161.3	166.7	163.5	165.1	168.3	173.8
		Pr Dis	264.1	265.3	267.1	271.7	305.4	306.6	308.4	313.0	348.7	349.8	351.7	356.2	395.3	396.4	398.3	402.8	445.5	446.7	448.5	453.1	499.2	500.3	502.1	506.7
		Amps	4.98	4.98	4.97	5.02	5.71	5.70	5.69	5.75	6.52	6.51	6.50	6.56	7.39	7.39	7.38	7.43	8.37	8.37	8.35	8.41	9.52	9.51	9.50	9.56
		Power	1,283	1,281	1,279	1,291	1,449	1,448	1,445	1,458	1,636	1,634	1,631	1,644	1,837	1,836	1,833	1,846	2,062	2,061	2,058	2,071	2,326	2,325	2,322	2,335
	970	MBh	25.5	25.8	26.5	---	25.2	25.6	26.3	---	24.6	24.9	25.7	---	23.5	23.8	24.6	---	22.1	22.5	23.2	---	20.9	21.3	22.0	---
		S/T	1.00	1.00	0.90	0.74	1.00	1.00	0.90	0.74	1.00	1.00	0.93	0.77	1.00	1.00	0.95	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.87
		ΔT	27.51	25.85	22.75	19.55	27.46	25.81	22.71	19.50	27.70	26.04	22.94	19.73	27.45	25.79	22.69	19.48	27.23	25.57	22.47	19.26	28.26	26.61	23.51	20.30
		Pr Suc	132.0	133.6	136.9	142.3	139.8	141.4	144.6	150.1	146.6	148.2	151.4	156.9	152.4	153.9	157.2	162.6	158.0	159.6	162.8	168.3	165.1	166.6	169.9	175.3
		Pr Dis	265.9	267.1	268.9	273.5	307.2	308.4	310.2	314.8	350.5	351.7	353.5	358.1	397.1	398.3	400.1	404.7	447.4	448.5	450.3	454.9	501.0	502.1	504.0	508.5
		Amps	5.01	5.01	5.00	5.05	5.74	5.73	5.72	5.78	6.55	6.54	6.53	6.59	7.42	7.42	7.41	7.46	8.40	8.40	8.38	8.44	9.55	9.54	9.53	9.59
		Power	1,290	1,288	1,286	1,298	1,456	1,455	1,452	1,465	1,643	1,641	1,638	1,651	1,844	1,843	1,840	1,853	2,069	2,068	2,065	2,078	2,333	2,332	2,329	2,342
	1070	MBh	25.8	26.1	26.9	---	25.6	25.9	26.6	---	24.9	25.3	26.0	---	23.8	24.2	24.9	---	22.5	22.8	23.5	---	21.2	21.6	22.3	---
		S/T	1.00	1.00	0.93	0.77	1.00	1.00	0.93	0.78	1.00	1.00	0.96	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.85	1.00	1.00	1.00	0.91
		ΔT	26.81	25.15	22.05	18.84	26.76	25.10	22.00	18.80	26.99	25.34	22.24	19.03	26.74	25.08	21.99	18.78	26.52	24.86	21.77	18.56	27.56	25.90	22.80	19.60
		Pr Suc	133.7	135.3	138.6	144.0	141.5	143.1	146.3	151.8	148.3	149.9	153.1	158.6	154.1	155.6	158.9	164.3	159.7	161.3	164.5	170.0	166.8	168.3	171.6	177.0
		Pr Dis	267.7	268.9	270.7	275.3	309.0	310.2	312.0	316.6	352.3	353.4	355.3	359.8	398.9	400.0	401.9	406.4	449.1	450.3	452.1	456.7	502.8	503.9	505.7	510.3
		Amps	5.04	5.03	5.02	5.08	5.77	5.76	5.75	5.80	6.57	6.57	6.56	6.61	7.45	7.44	7.43	7.49	8.43	8.42	8.41	8.47	9.58	9.57	9.56	9.61
		Power	1,296	1,294	1,292	1,304	1,463	1,461	1,458	1,471	1,649	1,647	1,644	1,657	1,850	1,849	1,846	1,859	2,075	2,074	2,071	2,084	2,339	2,338	2,335	2,348

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

Expanded Cooling Data — AVZC180481A*/AVPEC61D14A* High Stage

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1240	MBh	45.9	46.5	47.9	---	45.5	46.1	47.5	---	44.3	44.9	46.3	---	42.2	42.9	44.2	---	39.7	40.4	41.7	---	37.4	38.1	39.4	---
		S/T	0.61	0.53	0.40	---	0.61	0.54	0.41	---	0.64	0.56	0.43	---	0.66	0.58	0.45	---	0.68	0.60	0.47	---	1.00	0.66	0.52	---
		ΔT	20.25	18.36	14.82	---	20.20	18.31	14.77	---	20.47	18.57	15.04	---	20.18	18.29	14.75	---	19.93	18.03	14.50	---	21.12	19.22	15.68	---
		Pr Suc	118.1	119.5	122.5	---	125.2	126.7	129.7	---	131.5	133.0	136.0	---	136.8	138.3	141.3	---	142.0	143.5	146.5	---	148.5	150.0	153.0	---
		Pr Dis	271.6	272.7	274.6	---	314.3	315.5	317.4	---	359.2	360.3	362.2	---	407.4	408.6	410.5	---	459.4	460.6	462.5	---	515.0	516.2	518.1	---
		Amps	10.51	10.50	10.47	---	12.09	12.08	12.05	---	13.86	13.85	13.82	---	15.78	15.76	15.74	---	17.91	17.90	17.87	---	20.42	20.41	20.38	---
		Power	2,682	2,679	2,673	---	3,046	3,043	3,037	---	3,453	3,450	3,444	---	3,893	3,891	3,884	---	4,385	4,382	4,376	---	4,962	4,960	4,953	---
	1380	MBh	46.4	47.0	48.4	---	46.0	46.6	48.0	---	44.8	45.4	46.8	---	42.7	43.4	44.7	---	40.2	40.9	42.2	---	37.9	38.6	39.9	---
		S/T	0.65	0.58	0.45	---	0.66	0.58	0.45	---	0.68	0.61	0.48	---	0.70	0.63	0.50	---	1.00	0.65	0.52	---	1.00	0.70	0.57	---
		ΔT	19.34	17.45	13.91	---	19.29	17.40	13.86	---	19.56	17.66	14.12	---	19.27	17.38	13.84	---	19.02	17.12	13.59	---	20.20	18.31	14.77	---
		Pr Suc	119.5	120.9	123.9	---	126.6	128.1	131.1	---	132.9	134.4	137.4	---	138.2	139.7	142.7	---	143.4	144.9	147.9	---	150.0	151.4	154.4	---
		Pr Dis	273.4	274.6	276.5	---	316.2	317.4	319.3	---	361.0	362.2	364.1	---	409.3	410.4	412.4	---	461.3	462.5	464.4	---	516.8	518.0	519.9	---
		Amps	10.57	10.56	10.53	---	12.16	12.15	12.12	---	13.93	13.91	13.89	---	15.84	15.83	15.80	---	17.98	17.97	17.94	---	20.49	20.48	20.45	---
		Power	2,697	2,694	2,688	---	3,061	3,058	3,052	---	3,468	3,465	3,459	---	3,908	3,906	3,899	---	4,400	4,397	4,391	---	4,977	4,975	4,968	---
	1520	MBh	47.0	47.6	49.0	---	46.5	47.2	48.6	---	45.4	46.0	47.4	---	43.3	43.9	45.3	---	40.8	41.4	42.8	---	38.5	39.1	40.5	---
		S/T	0.68	0.61	0.47	---	0.69	0.61	0.48	---	0.71	0.64	0.51	---	0.73	0.66	0.52	---	1.00	0.68	0.55	---	1.00	0.73	0.60	---
		ΔT	18.55	16.66	13.12	---	18.50	16.60	13.07	---	18.77	16.87	13.33	---	18.48	16.58	13.05	---	18.23	16.33	12.79	---	19.41	17.52	13.98	---
		Pr Suc	121.0	122.5	125.5	---	128.2	129.6	132.6	---	134.5	135.9	138.9	---	139.8	141.2	144.2	---	145.0	146.4	149.4	---	151.5	152.9	155.9	---
		Pr Dis	275.2	276.4	278.3	---	318.0	319.2	321.1	---	362.8	364.0	365.9	---	411.1	412.3	414.2	---	463.1	464.3	466.2	---	518.6	519.8	521.7	---
		Amps	10.63	10.62	10.59	---	12.21	12.20	12.18	---	13.98	13.97	13.94	---	15.90	15.89	15.86	---	18.04	18.02	18.00	---	20.55	20.53	20.51	---
		Power	2,710	2,707	2,701	---	3,074	3,072	3,065	---	3,481	3,478	3,472	---	3,921	3,919	3,912	---	4,413	4,410	4,404	---	4,990	4,988	4,981	---
75	1240	MBh	45.9	46.6	47.9	---	45.5	46.2	47.5	---	44.3	45.0	46.3	---	42.3	42.9	44.3	---	39.7	40.4	41.8	---	37.4	38.1	39.5	---
		S/T	0.73	0.66	0.53	0.39	0.74	0.67	0.53	0.39	0.77	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.78	0.65	0.51
		ΔT	24.42	22.52	18.99	15.32	24.37	22.47	18.94	15.27	24.63	22.74	19.20	15.54	24.35	22.45	18.92	15.25	24.09	22.20	18.66	15.00	25.28	23.39	19.85	16.18
		Pr Suc	118.1	119.5	122.5	127.6	125.3	126.7	129.7	134.7	131.5	133.0	136.0	141.0	136.8	138.3	141.3	146.3	142.0	143.5	146.5	151.5	148.6	150.0	153.0	158.0
		Pr Dis	271.8	273.0	274.9	279.6	314.6	315.8	317.7	322.4	359.4	360.6	362.5	367.2	407.7	408.8	410.7	415.5	459.7	460.9	462.8	467.5	515.2	516.4	518.3	523.0
		Amps	10.50	10.49	10.46	10.58	12.08	12.07	12.04	12.16	13.85	13.84	13.81	13.93	15.77	15.75	15.73	15.85	17.90	17.89	17.86	17.99	20.41	20.40	20.37	20.49
		Power	2,679	2,677	2,670	2,698	3,044	3,041	3,035	3,063	3,451	3,448	3,442	3,470	3,891	3,888	3,882	3,910	4,383	4,380	4,374	4,402	4,960	4,957	4,951	4,979
	1380	MBh	46.4	47.1	48.4	---	46.0	46.6	48.0	---	44.8	45.5	46.8	---	42.7	**43.4**	44.8	---	40.2	40.9	42.2	---	37.9	38.6	40.0	---
		S/T	0.78	0.71	0.57	0.43	0.79	0.71	0.58	0.44	0.81	0.74	0.60	0.46	1.00	**0.76**	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.83	0.69	0.55
		ΔT	23.51	21.61	18.08	14.41	23.46	21.56	18.02	14.36	23.72	21.83	18.29	14.63	23.44	**21.54**	18.01	14.34	23.18	21.29	17.75	14.09	24.37	22.48	18.94	15.27
		Pr Suc	119.5	121.0	124.0	129.0	126.7	128.1	131.1	136.1	132.9	134.4	137.4	142.4	138.3	**139.71**	142.7	147.7	143.5	144.9	147.9	152.9	150.0	151.4	154.4	159.4
		Pr Dis	273.7	274.8	276.7	281.5	316.4	317.6	319.5	324.2	361.3	362.4	364.3	369.1	409.5	**410.69**	412.6	417.3	461.5	462.7	464.6	469.4	517.1	518.2	520.2	524.9
		Amps	10.56	10.55	10.52	10.64	12.15	12.14	12.11	12.23	13.92	13.90	13.88	14.00	15.83	**15.82**	15.79	15.91	17.97	17.96	17.93	18.05	20.48	20.47	20.44	20.56
		Power	2,695	2,692	2,685	2,713	3,059	3,056	3,050	3,078	3,466	3,463	3,457	3,485	3,906	**3,903**	3,897	3,925	4,398	4,395	4,389	4,417	4,975	4,972	4,966	4,994
	1520	MBh	47.0	47.6	49.0	---	46.6	47.2	48.6	---	45.4	46.0	47.4	---	43.3	44.0	45.3	---	40.8	41.5	42.8	---	38.5	39.2	40.5	---
		S/T	0.81	0.73	0.60	0.46	0.82	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.86	0.72	0.58
		ΔT	22.72	20.82	17.28	13.62	22.66	20.77	17.23	13.57	22.93	21.04	17.50	13.83	22.65	20.75	17.21	13.55	22.39	20.50	16.96	13.29	23.58	21.68	18.15	14.48
		Pr Suc	121.0	122.5	125.5	130.5	128.2	129.7	132.7	137.7	134.5	135.9	138.9	144.0	139.8	141.2	144.2	149.3	145.0	146.5	149.5	154.5	151.5	153.0	156.0	161.0
		Pr Dis	275.5	276.6	278.5	283.3	318.2	319.4	321.3	326.1	363.1	364.2	366.1	370.9	411.3	412.5	414.4	419.1	463.4	464.5	466.4	471.2	518.9	520.1	522.0	526.7
		Amps	10.62	10.61	10.58	10.70	12.20	12.19	12.16	12.29	13.97	13.96	13.93	14.05	15.89	15.87	15.85	15.97	18.03	18.01	17.99	18.11	20.54	20.52	20.50	20.62
		Power	2,708	2,705	2,698	2,726	3,072	3,069	3,063	3,091	3,479	3,476	3,470	3,498	3,919	3,916	3,910	3,938	4,411	4,408	4,402	4,430	4,988	4,985	4,979	5,007

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

Expanded Cooling Data — AVZC180481A*/AVPEC61D14A* High Stage (cont.)

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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
	1380	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	**143.23**	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	**413.09**	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
85	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
	1380	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

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	---
		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	---
		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	---
		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	---
		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	---
		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	---
		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	---
	1080	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	---
		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	---
		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	---
		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	---
		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	---
		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	---
		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	---
	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	---
		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	---
75	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	0.40	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
	1080	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	**143.62**	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	**392.62**	394.4	399.0	441.2	442.4	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	34.0	34.9	---	32.6	33.1	34.1	---	31.2	31.6	32.6	---	29.3	29.8	30.8	---	27.7	28.2	29.1	---
		S/T	0.83	0.75	0.62	0.47	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

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	970	MBh	33.2	33.6	34.6	---	32.9	33.4	34.3	---	32.0	32.5	33.5	---	30.5	31.0	32.0	---	28.7	29.2	30.2	---	27.1	27.6	28.5	---
		S/T	0.88	0.80	0.67	0.52	1.00	0.81	0.67	0.53	1.00	0.84	0.70	0.55	1.00	0.85	0.72	0.57	1.00	1.00	0.74	0.60	1.00	1.00	0.79	0.65
		ΔT	27.62	25.79	22.37	18.84	27.57	25.74	22.32	18.79	27.82	25.99	22.58	19.04	27.55	25.72	22.30	18.77	27.30	25.47	22.06	18.52	28.45	26.62	23.21	19.67
		Pr Suc	121.9	123.4	126.5	131.7	129.3	130.8	133.9	139.0	135.7	137.2	140.3	145.5	141.2	142.7	145.8	150.9	146.6	148.0	151.1	156.3	153.3	154.7	157.8	163.0
		Pr Dis	260.3	261.4	263.3	267.8	301.2	302.3	304.2	308.7	344.1	345.2	347.0	351.5	390.2	391.3	393.1	397.7	439.9	441.1	442.9	447.4	493.0	494.1	496.0	500.5
		Amps	6.61	6.60	6.58	6.66	7.60	7.60	7.58	7.66	8.72	8.71	8.69	8.77	9.92	9.91	9.90	9.97	11.27	11.26	11.24	11.32	12.84	12.84	12.82	12.90
		Power	1,687	1,685	1,681	1,698	1,916	1,914	1,910	1,928	2,172	2,170	2,166	2,184	2,449	2,447	2,443	2,460	2,758	2,756	2,752	2,770	3,121	3,119	3,115	3,133
	1080	MBh	33.5	34.0	35.0	---	33.2	33.7	34.7	---	32.4	32.9	33.8	---	30.9	31.4	**32.4**	---	29.1	29.6	30.5	---	27.4	27.9	28.9	---
		S/T	1.00	0.85	0.71	0.57	1.00	0.86	0.72	0.58	1.00	0.88	0.75	0.60	1.00	0.90	**0.77**	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.84	0.70
		ΔT	26.73	24.90	21.49	17.95	26.68	24.85	21.44	17.90	26.94	25.11	21.70	18.16	26.66	24.84	**21.42**	17.89	26.42	24.59	21.18	17.64	27.57	25.74	22.32	18.79
		Pr Suc	123.4	124.9	128.0	133.1	130.8	132.3	135.3	140.5	137.2	138.7	141.8	146.9	142.7	144.2	**147.24**	152.4	148.0	149.5	152.6	157.7	154.7	156.2	159.3	164.4
		Pr Dis	262.1	263.2	265.0	269.6	303.0	304.1	305.9	310.5	345.8	347.0	348.8	353.3	392.0	393.1	**394.92**	399.4	441.7	442.8	444.7	449.2	494.8	495.9	497.7	502.3
		Amps	6.65	6.64	6.62	6.70	7.65	7.64	7.62	7.70	8.76	8.75	8.73	8.81	9.96	9.95	**9.94**	10.01	11.31	11.30	11.28	11.36	12.89	12.88	12.86	12.94
		Power	1,696	1,694	1,690	1,708	1,925	1,924	1,920	1,937	2,181	2,179	2,175	2,193	2,458	2,456	**2,452**	2,470	2,768	2,766	2,762	2,779	3,131	3,129	3,125	3,142
	1190	MBh	34.0	34.4	35.4	---	33.7	34.1	35.1	---	32.8	33.3	34.2	---	31.3	31.8	32.8	---	29.5	30.0	31.0	---	27.9	28.3	29.3	---
		S/T	1.00	0.88	0.74	0.60	1.00	0.89	0.75	0.61	1.00	0.91	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.87	0.73
		ΔT	25.97	24.14	20.72	17.19	25.92	24.09	20.67	17.14	26.17	24.34	20.93	17.39	25.90	24.07	20.65	17.12	25.65	23.82	20.41	16.87	26.80	24.97	21.56	18.02
		Pr Suc	125.0	126.5	129.6	134.7	132.3	133.8	136.9	142.1	138.8	140.3	143.4	148.5	144.2	145.7	148.8	154.0	149.6	151.1	154.2	159.3	156.3	157.8	160.9	166.0
		Pr Dis	263.8	265.0	266.8	271.3	304.7	305.9	307.7	312.2	347.6	348.7	350.5	355.0	393.7	394.8	396.7	401.2	443.5	444.6	446.4	450.9	496.5	497.7	499.5	504.0
		Amps	6.69	6.68	6.66	6.74	7.68	7.67	7.66	7.73	8.79	8.79	8.77	8.85	10.00	9.99	9.97	10.05	11.34	11.34	11.32	11.40	12.92	12.91	12.90	12.97
		Power	1,704	1,702	1,699	1,716	1,934	1,932	1,928	1,945	2,189	2,188	2,184	2,201	2,466	2,465	2,461	2,478	2,776	2,774	2,770	2,788	3,139	3,137	3,133	3,151
85	970	MBh	33.7	34.2	35.2	---	33.4	33.9	34.9	---	32.6	33.0	34.0	---	31.1	31.6	32.6	---	29.3	29.8	30.7	---	27.6	28.1	29.1	---
		S/T	1.00	0.91	0.77	0.63	1.00	0.91	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	1.00	0.75
		ΔT	31.21	29.38	25.96	22.43	31.16	29.33	25.91	22.38	31.41	29.58	26.17	22.63	31.14	29.31	25.89	22.36	30.89	29.06	25.65	22.11	32.04	30.21	26.79	23.26
		Pr Suc	123.7	125.2	128.3	133.5	131.1	132.6	135.7	140.8	137.6	139.1	142.1	147.3	143.0	144.5	147.6	152.7	148.4	149.9	152.9	158.1	155.1	156.6	159.6	164.8
		Pr Dis	261.5	262.7	264.5	269.0	302.4	303.5	305.4	309.9	345.3	346.4	348.2	352.7	391.4	392.5	394.4	398.9	441.2	442.3	444.1	448.6	494.2	495.4	497.2	501.7
		Amps	6.63	6.62	6.60	6.68	7.62	7.62	7.60	7.68	8.74	8.73	8.71	8.79	9.94	9.93	9.92	9.99	11.29	11.28	11.26	11.34	12.86	12.86	12.84	12.92
		Power	1,691	1,689	1,685	1,703	1,920	1,918	1,914	1,932	2,176	2,174	2,170	2,188	2,453	2,451	2,447	2,465	2,762	2,761	2,757	2,774	3,125	3,124	3,120	3,137
	1080	MBh	34.1	34.6	35.5	---	33.8	34.3	35.2	---	32.9	33.4	34.4	---	31.5	31.9	32.9	---	29.7	30.1	31.1	---	28.0	28.5	29.5	---
		S/T	1.00	0.95	0.82	0.67	1.00	0.96	0.82	0.68	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.80
		ΔT	30.32	28.49	25.08	21.54	30.27	28.44	25.03	21.49	30.53	28.70	25.29	21.75	30.25	28.43	25.01	21.48	30.01	28.18	24.77	21.23	31.15	29.33	25.91	22.38
		Pr Suc	125.2	126.7	129.8	134.9	132.6	134.1	137.1	142.3	139.0	140.5	143.6	148.8	144.5	146.0	149.1	154.2	149.8	151.3	154.4	159.6	156.5	158.0	161.1	166.3
		Pr Dis	263.3	264.4	266.3	270.8	304.2	305.3	307.2	311.7	347.1	348.2	350.0	354.5	393.2	394.3	396.1	400.7	442.9	444.1	445.9	450.4	496.0	497.1	499.0	503.5
		Amps	6.67	6.66	6.64	6.72	7.67	7.66	7.64	7.72	8.78	8.77	8.75	8.83	9.98	9.97	9.96	10.03	11.33	11.32	11.30	11.38	12.91	12.90	12.88	12.96
		Power	1,700	1,699	1,695	1,712	1,930	1,928	1,924	1,942	2,186	2,184	2,180	2,197	2,463	2,461	2,457	2,474	2,772	2,770	2,766	2,784	3,135	3,133	3,129	3,147
	1190	MBh	34.5	35.0	36.0	---	34.2	34.7	35.7	---	33.4	33.8	34.8	---	31.9	32.3	33.3	---	30.1	30.5	31.5	---	28.4	28.9	29.9	---
		S/T	1.00	0.98	0.85	0.70	1.00	1.00	0.85	0.71	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.83
		ΔT	29.56	27.73	24.31	20.78	29.51	27.68	24.26	20.73	29.76	27.93	24.52	20.98	29.49	27.66	24.24	20.71	29.24	27.41	24.00	20.46	30.39	28.56	25.15	21.61
		Pr Suc	126.8	128.3	131.4	136.5	134.2	135.7	138.7	143.9	140.6	142.1	145.2	150.3	146.1	147.6	150.6	155.8	151.4	152.9	156.0	161.1	158.1	159.6	162.7	167.8
		Pr Dis	265.0	266.2	268.0	272.5	305.9	307.1	308.9	313.4	348.8	349.9	351.7	356.3	394.9	396.1	397.9	402.4	444.7	445.8	447.6	452.1	497.8	498.9	500.7	505.2
		Amps	6.70	6.70	6.68	6.76	7.70	7.69	7.68	7.75	8.81	8.81	8.79	8.86	10.02	10.01	9.99	10.07	11.36	11.36	11.34	11.41	12.94	12.93	12.92	12.99
		Power	1,709	1,707	1,703	1,720	1,938	1,936	1,932	1,950	2,194	2,192	2,188	2,206	2,471	2,469	2,465	2,483	2,780	2,778	2,774	2,792	3,143	3,141	3,137	3,155

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 — AVZC180601A*/AVPEC61D14A* High Stage

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1470	MBh	54.0	54.8	56.4	---	53.6	54.3	55.9	---	52.1	52.9	54.5	---	49.7	50.5	52.1	---	46.8	47.5	49.1	---	44.1	44.8	46.4	---
		S/T	0.60	0.53	0.40	---	0.61	0.54	0.40	---	0.63	0.56	0.43	---	0.65	0.58	0.45	---	0.68	0.60	0.47	---	1.00	0.65	0.52	---
		ΔT	20.03	18.16	14.66	---	19.98	18.10	14.61	---	20.24	18.37	14.87	---	19.96	18.09	14.59	---	19.71	17.84	14.34	---	20.88	19.01	15.51	---
		Pr Suc	114.3	115.7	118.6	---	121.2	122.6	125.5	---	127.3	128.7	131.6	---	132.4	133.8	136.7	---	137.5	138.9	141.8	---	143.8	145.2	148.1	---
		Pr Dis	255.4	256.5	258.3	---	295.7	296.8	298.6	---	337.8	339.0	340.7	---	383.2	384.4	386.1	---	432.2	433.3	435.1	---	484.4	485.5	487.3	---
		Amps	12.45	12.44	12.41	---	14.25	14.23	14.20	---	16.25	16.23	16.20	---	18.41	18.40	18.37	---	20.83	20.82	20.79	---	23.67	23.65	23.62	---
		Power	3,254	3,251	3,244	---	3,666	3,663	3,656	---	4,127	4,123	4,116	---	4,625	4,621	4,614	---	5,181	5,178	5,171	---	5,834	5,830	5,823	---
	1640	MBh	54.6	55.4	57.0	---	54.1	54.9	56.5	---	52.7	53.5	55.1	---	50.3	51.1	52.7	---	47.4	48.1	49.7	---	44.7	45.4	47.0	---
		S/T	0.65	0.58	0.44	---	0.66	0.58	0.45	---	0.68	0.61	0.47	---	0.70	0.63	0.49	---	0.72	0.65	0.52	---	1.00	0.70	0.57	---
		ΔT	19.11	17.23	13.74	---	19.06	17.18	13.69	---	19.32	17.45	13.95	---	19.04	17.16	13.67	---	18.79	16.91	13.42	---	19.96	18.09	14.59	---
		Pr Suc	115.7	117.1	120.0	---	122.6	124.0	126.9	---	128.7	130.1	133.0	---	133.8	135.2	138.1	---	138.9	140.3	143.2	---	145.2	146.6	149.5	---
		Pr Dis	257.2	258.3	260.1	---	297.5	298.6	300.4	---	339.6	340.7	342.5	---	385.0	386.1	387.9	---	434.0	435.1	436.9	---	486.2	487.3	489.1	---
		Amps	12.53	12.51	12.48	---	14.32	14.31	14.28	---	16.32	16.31	16.28	---	18.49	18.47	18.44	---	20.91	20.89	20.86	---	23.74	23.73	23.70	---
		Power	3,272	3,268	3,261	---	3,684	3,681	3,674	---	4,144	4,141	4,134	---	4,642	4,639	4,632	---	5,198	5,195	5,188	---	5,851	5,848	5,841	---
	1790	MBh	55.2	56.0	57.6	---	54.8	55.5	57.1	---	53.3	54.1	55.7	---	50.9	51.7	53.3	---	48.0	48.7	50.3	---	45.3	46.0	47.6	---
		S/T	0.68	0.60	0.47	---	0.68	0.61	0.48	---	0.71	0.63	0.50	---	0.73	0.65	0.52	---	0.75	0.67	0.54	---	1.00	0.72	0.59	---
		ΔT	18.40	16.53	13.03	---	18.35	16.47	12.98	---	18.61	16.74	13.24	---	18.33	16.46	12.96	---	18.08	16.21	12.71	---	19.25	17.38	13.88	---
		Pr Suc	117.0	118.4	121.3	---	123.9	125.4	128.3	---	130.0	131.4	134.3	---	135.2	136.6	139.5	---	140.2	141.6	144.5	---	146.5	147.9	150.8	---
		Pr Dis	258.8	259.9	261.7	---	299.0	300.1	301.9	---	341.2	342.3	344.1	---	386.6	387.7	389.5	---	435.5	436.6	438.4	---	487.8	488.9	490.7	---
		Amps	12.59	12.57	12.54	---	14.38	14.37	14.33	---	16.38	16.37	16.34	---	18.55	18.53	18.50	---	20.96	20.95	20.92	---	23.80	23.79	23.76	---
		Power	3,285	3,282	3,275	---	3,697	3,694	3,687	---	4,157	4,154	4,147	---	4,655	4,652	4,645	---	5,212	5,209	5,201	---	5,864	5,861	5,854	---
75	1470	MBh	54.1	54.8	56.4	---	53.6	54.3	56.0	---	52.2	52.9	54.5	---	49.8	50.5	52.1	---	46.8	47.6	49.2	---	44.1	44.9	46.5	---
		S/T	0.73	0.66	0.52	0.38	0.74	0.66	0.53	0.39	0.76	0.69	0.55	0.41	0.78	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.78	0.64	0.51
		ΔT	24.14	22.27	18.78	15.16	24.09	22.22	18.73	15.10	24.35	22.48	18.99	15.37	24.07	22.20	18.71	15.09	23.82	21.95	18.46	14.84	24.99	23.12	19.63	16.01
		Pr Suc	114.3	115.7	118.6	123.5	121.2	122.6	125.5	130.4	127.3	128.7	131.6	136.5	132.4	133.9	136.8	141.6	137.5	138.9	141.8	146.7	143.8	145.2	148.1	153.0
		Pr Dis	255.7	256.8	258.6	263.0	295.9	297.0	298.8	303.3	338.1	339.2	341.0	345.4	383.5	384.6	386.4	390.8	432.4	433.5	435.3	439.8	484.7	485.8	487.6	492.0
		Amps	12.44	12.43	12.40	12.53	14.23	14.22	14.19	14.33	16.23	16.22	16.19	16.33	18.40	18.39	18.35	18.49	20.82	20.80	20.77	20.91	23.66	23.64	23.61	23.75
		Power	3,252	3,248	3,241	3,273	3,664	3,661	3,653	3,685	4,124	4,121	4,114	4,145	4,622	4,619	4,612	4,643	5,178	5,175	5,168	5,200	5,831	5,828	5,821	5,852
	1640	MBh	54.7	55.4	57.0	---	54.2	54.9	56.6	---	52.8	53.5	55.1	---	50.3	**51.1**	52.7	---	47.4	48.1	49.8	---	44.7	45.4	47.1	---
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	0.81	0.73	0.60	0.46	1.00	**0.75**	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.69	0.55
		ΔT	23.22	21.35	17.86	14.24	23.17	21.30	17.80	14.18	23.43	21.56	18.07	14.45	23.15	**21.28**	17.79	14.16	22.90	21.03	17.54	13.91	24.07	22.20	18.71	15.09
		Pr Suc	115.7	117.1	120.0	124.9	122.6	124.0	126.9	131.8	128.7	130.1	133.0	137.9	133.8	**135.25**	138.2	143.0	138.9	140.3	143.2	148.1	145.2	146.6	149.5	154.4
		Pr Dis	257.4	258.6	260.3	264.8	297.7	298.8	300.6	305.0	339.9	341.0	342.8	347.2	385.3	**386.37**	388.2	392.6	434.2	435.3	437.1	441.6	486.5	487.6	489.3	493.8
		Amps	12.52	12.50	12.47	12.61	14.31	14.30	14.26	14.40	16.31	16.30	16.27	16.40	18.48	**18.46**	18.43	18.57	20.89	20.88	20.85	20.99	23.73	23.72	23.69	23.82
		Power	3,269	3,266	3,259	3,290	3,681	3,678	3,671	3,702	4,141	4,138	4,131	4,163	4,639	**4,636**	4,629	4,661	5,196	5,192	5,185	5,217	5,848	5,845	5,838	5,870
	1790	MBh	55.3	56.0	57.6	---	54.8	55.5	57.2	---	53.4	54.1	55.7	---	51.0	51.7	53.3	---	48.0	48.8	50.4	---	45.3	46.1	47.7	---
		S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.60	0.46	0.83	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.58
		ΔT	22.51	20.64	17.15	13.53	22.46	20.59	17.09	13.47	22.72	20.85	17.36	13.74	22.44	20.57	17.08	13.46	22.19	20.32	16.83	13.21	23.36	21.49	18.00	14.38
		Pr Suc	117.0	118.4	121.3	126.2	124.0	125.4	128.3	133.1	130.0	131.5	134.4	139.2	135.2	136.6	139.5	144.3	140.2	141.6	144.5	149.4	146.5	147.9	150.8	155.7
		Pr Dis	259.0	260.1	261.9	266.3	299.2	300.3	302.1	306.6	341.4	342.5	344.3	348.7	386.8	387.9	389.7	394.1	435.7	436.9	438.6	443.1	488.0	489.1	490.9	495.3
		Amps	12.58	12.56	12.53	12.67	14.37	14.35	14.32	14.46	16.37	16.35	16.32	16.46	18.53	18.52	18.49	18.63	20.95	20.94	20.91	21.04	23.79	23.78	23.75	23.88
		Power	3,282	3,279	3,272	3,304	3,695	3,691	3,684	3,716	4,155	4,151	4,144	4,176	4,653	4,649	4,642	4,674	5,209	5,206	5,199	5,230	5,862	5,859	5,852	5,883

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

Expanded Cooling Data — AVZC180601A*/AVPEC61D14A* High Stage (cont.)

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1470	MBh	54.3	55.1	56.7	---	53.9	54.6	56.2	---	52.5	53.2	54.8	---	50.0	50.8	52.4	---	47.1	47.8	49.4	---	44.4	45.1	46.7	---
		S/T	0.85	0.78	0.65	0.51	0.86	0.78	0.65	0.51	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	28.29	26.41	22.92	19.30	28.23	26.36	22.87	19.25	28.50	26.63	23.13	19.51	28.21	26.34	22.85	19.23	27.96	26.09	22.60	18.98	29.14	27.26	23.77	20.15
		Pr Suc	114.8	116.2	119.1	124.0	121.7	123.1	126.0	130.9	127.8	129.2	132.1	137.0	132.9	134.4	137.3	142.1	138.0	139.4	142.3	147.2	144.3	145.7	148.6	153.5
		Pr Dis	256.1	257.2	259.0	263.5	296.4	297.5	299.3	303.7	338.5	339.6	341.4	345.9	383.9	385.0	386.8	391.3	432.9	434.0	435.8	440.2	485.1	486.2	488.0	492.5
		Amps	12.45	12.44	12.41	12.54	14.24	14.23	14.20	14.34	16.24	16.23	16.20	16.34	18.41	18.39	18.36	18.50	20.83	20.81	20.78	20.92	23.67	23.65	23.62	23.76
		Power	3,254	3,250	3,243	3,275	3,666	3,663	3,656	3,687	4,126	4,123	4,116	4,147	4,624	4,621	4,614	4,645	5,180	5,177	5,170	5,202	5,833	5,830	5,823	5,854
	1640	MBh	54.9	55.7	57.3	---	54.5	55.2	56.8	---	53.0	53.8	55.4	---	50.6	51.4	**53.0**	---	47.7	48.4	50.0	---	45.0	45.7	47.3	---
		S/T	0.90	0.83	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.86	0.72	0.58	1.00	0.87	**0.74**	0.60	1.00	0.90	0.76	0.62	1.00	1.00	0.81	0.67
		ΔT	27.36	25.49	22.00	18.38	27.31	25.44	21.95	18.33	27.58	25.70	22.21	18.59	27.29	25.42	**21.93**	18.31	27.04	25.17	21.68	18.06	28.22	26.34	22.85	19.23
		Pr Suc	116.2	117.6	120.5	125.4	123.1	124.5	127.4	132.3	129.2	130.6	133.5	138.4	134.3	135.8	**138.66**	143.5	139.4	140.8	143.7	148.6	145.7	147.1	150.0	154.9
		Pr Dis	257.9	259.0	260.8	265.3	298.2	299.3	301.1	305.5	340.3	341.4	343.2	347.7	385.7	386.8	**388.63**	393.1	434.7	435.8	437.6	442.0	486.9	488.0	489.8	494.3
		Amps	12.53	12.51	12.48	12.62	14.32	14.30	14.27	14.41	16.32	16.31	16.27	16.41	18.48	18.47	**18.44**	18.58	20.90	20.89	20.86	21.00	23.74	23.73	23.70	23.83
		Power	3,271	3,268	3,261	3,292	3,683	3,680	3,673	3,705	4,144	4,140	4,133	4,165	4,641	4,638	**4,631**	4,663	5,198	5,195	5,188	5,219	5,851	5,847	5,840	5,872
	1790	MBh	55.5	56.3	57.9	---	55.1	55.8	57.4	---	53.7	54.4	56.0	---	51.2	52.0	53.6	---	48.3	49.0	50.6	---	45.6	46.3	47.9	---
		S/T	0.93	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	1.00	0.84	0.70
		ΔT	26.65	24.78	21.29	17.67	26.60	24.73	21.24	17.62	26.87	25.00	21.50	17.88	26.58	24.71	21.22	17.60	26.33	24.46	20.97	17.35	27.51	25.63	22.14	18.52
		Pr Suc	117.5	118.9	121.8	126.7	124.5	125.9	128.8	133.6	130.5	132.0	134.9	139.7	135.7	137.1	140.0	144.8	140.7	142.1	145.0	149.9	147.0	148.4	151.3	156.2
		Pr Dis	259.5	260.6	262.4	266.8	299.7	300.8	302.6	307.0	341.9	343.0	344.8	349.2	387.3	388.4	390.2	394.6	436.2	437.3	439.1	443.6	488.5	489.6	491.4	495.8
		Amps	12.58	12.57	12.54	12.68	14.38	14.36	14.33	14.47	16.38	16.36	16.33	16.47	18.54	18.53	18.50	18.64	20.96	20.95	20.92	21.05	23.80	23.79	23.76	23.89
		Power	3,285	3,281	3,274	3,306	3,697	3,693	3,686	3,718	4,157	4,154	4,147	4,178	4,655	4,652	4,645	4,676	5,211	5,208	5,201	5,232	5,864	5,861	5,854	5,885
85	1470	MBh	55.3	56.0	57.6	---	54.8	55.5	57.1	---	53.4	54.1	55.7	---	50.9	51.7	53.3	---	48.0	48.7	50.4	---	45.3	46.0	47.6	---
		S/T	1.00	0.88	0.75	0.61	1.00	0.88	0.75	0.61	1.00	0.91	0.78	0.64	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73
		ΔT	31.96	30.09	26.59	22.97	31.91	30.04	26.54	22.92	32.17	30.30	26.81	23.19	31.89	30.02	26.52	22.90	31.64	29.77	26.27	22.65	32.81	30.94	27.44	23.82
		Pr Suc	116.5	117.9	120.8	125.7	123.4	124.9	127.8	132.6	129.5	130.9	133.8	138.7	134.7	136.1	139.0	143.8	139.7	141.1	144.0	148.9	146.0	147.4	150.3	155.2
		Pr Dis	257.3	258.4	260.2	264.7	297.6	298.7	300.5	304.9	339.7	340.8	342.6	347.1	385.1	386.2	388.0	392.5	434.1	435.2	437.0	441.4	486.3	487.4	489.2	493.7
		Amps	12.49	12.47	12.44	12.58	14.28	14.26	14.23	14.37	16.28	16.26	16.23	16.37	18.44	18.43	18.40	18.54	20.86	20.85	20.82	20.95	23.70	23.69	23.66	23.79
		Power	3,262	3,258	3,251	3,283	3,674	3,671	3,664	3,695	4,134	4,131	4,124	4,155	4,632	4,629	4,622	4,653	5,188	5,185	5,178	5,210	5,841	5,838	5,831	5,862
	1640	MBh	55.8	56.6	58.2	---	55.4	56.1	57.7	---	54.0	54.7	56.3	---	51.5	52.3	53.9	---	48.6	49.3	50.9	---	45.9	46.6	48.2	---
		S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	0.66	1.00	0.95	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.91	0.77
		ΔT	31.04	29.17	25.67	22.05	30.99	29.12	25.62	22.00	31.25	29.38	25.88	22.26	30.97	29.10	25.60	21.98	30.72	28.85	25.35	21.73	31.89	30.02	26.52	22.90
		Pr Suc	117.9	119.3	122.2	127.1	124.8	126.3	129.2	134.0	130.9	132.3	135.2	140.1	136.1	137.5	140.4	145.2	141.1	142.5	145.4	150.3	147.4	148.8	151.7	156.6
		Pr Dis	259.1	260.2	262.0	266.5	299.4	300.5	302.3	306.7	341.5	342.6	344.4	348.9	386.9	388.0	389.8	394.3	435.9	437.0	438.8	443.2	488.1	489.2	491.0	495.5
		Amps	12.56	12.55	12.52	12.65	14.35	14.34	14.31	14.45	16.35	16.34	16.31	16.45	18.52	18.50	18.47	18.61	20.94	20.92	20.89	21.03	23.78	23.76	23.73	23.87
		Power	3,279	3,276	3,269	3,300	3,691	3,688	3,681	3,712	4,151	4,148	4,141	4,173	4,649	4,646	4,639	4,671	5,206	5,203	5,195	5,227	5,858	5,855	5,848	5,880
	1790	MBh	56.5	57.2	58.8	---	56.0	56.7	58.3	---	54.6	55.3	56.9	---	52.1	52.9	54.5	---	49.2	49.9	51.6	---	46.5	47.2	48.9	---
		S/T	1.00	0.95	0.82	0.68	1.00	0.96	0.82	0.68	1.00	0.98	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.94	0.80
		ΔT	30.33	28.46	24.96	21.34	30.28	28.41	24.91	21.29	30.54	28.67	25.18	21.55	30.26	28.39	24.89	21.27	30.01	28.14	24.64	21.02	31.18	29.31	25.81	22.19
		Pr Suc	119.2	120.7	123.6	128.4	126.2	127.6	130.5	135.3	132.3	133.7	136.6	141.4	137.4	138.8	141.7	146.6	142.4	143.8	146.7	151.6	148.7	150.2	153.1	157.9
		Pr Dis	260.7	261.8	263.6	268.0	300.9	302.0	303.8	308.2	343.1	344.2	346.0	350.4	388.5	389.6	391.4	395.8	437.4	438.5	440.3	444.8	489.7	490.8	492.6	497.0
		Amps	12.62	12.60	12.57	12.71	14.41	14.40	14.37	14.50	16.41	16.40	16.37	16.50	18.58	18.56	18.53	18.67	21.00	20.98	20.95	21.09	23.83	23.82	23.79	23.93
		Power	3,292	3,289	3,282	3,314	3,705	3,701	3,694	3,726	4,165	4,162	4,154	4,186	4,663	4,660	4,652	4,684	5,219	5,216	5,209	5,240	5,872	5,869	5,862	5,893

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

Expanded Cooling Data — AVZC180601A*/AVPEC61D14A* Low Stage

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1130	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	---
		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	---
		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	---
		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	---
		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	---
		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	---
		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	---
	1260	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	---
		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	---
		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	---
		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	---
		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	---
		Amps	7.88	7.87	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	2,058	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	---
	1390	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	---
		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	---
		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	---
		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	---
		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	---
		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	---
		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	---
75	1130	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	---
		S/T	0.75	0.67	0.54	0.39	0.76	0.68	0.54	0.40	0.78	0.71	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.80	0.66	0.52
		ΔT	23.29	21.49	18.11	14.62	23.24	21.44	18.07	14.57	23.50	21.69	18.32	14.83	23.22	21.42	18.05	14.55	22.98	21.18	17.81	14.31	24.11	22.31	18.94	15.44
		Pr Suc	117.5	119.0	121.9	126.9	124.6	126.1	129.1	134.1	130.9	132.3	135.3	140.3	136.2	137.6	140.6	145.6	141.3	142.8	145.8	150.8	147.8	149.3	152.3	157.3
		Pr Dis	244.4	245.5	247.2	251.4	282.9	284.0	285.7	289.9	323.2	324.3	326.0	330.2	366.6	367.7	369.4	373.6	413.4	414.5	416.2	420.4	463.3	464.4	466.1	470.4
		Amps	7.83	7.82	7.80	7.88	8.95	8.94	8.93	9.01	10.21	10.20	10.18	10.27	11.57	11.56	11.55	11.63	13.10	13.09	13.07	13.15	14.88	14.87	14.85	14.94
		Power	2,045	2,043	2,039	2,059	2,305	2,303	2,298	2,318	2,594	2,592	2,588	2,607	2,907	2,905	2,901	2,921	3,257	3,255	3,251	3,271	3,668	3,666	3,661	3,681
	1260	MBh	39.3	39.8	41.0	---	39.0	39.5	40.7	---	37.9	38.5	39.6	---	36.2	**36.7**	37.9	---	34.1	34.6	35.8	---	32.1	32.7	33.8	---
		S/T	0.80	0.72	0.59	0.44	0.80	0.73	0.59	0.45	0.83	0.75	0.62	0.47	1.00	**0.77**	0.64	0.49	1.00	0.79	0.66	0.52	1.00	0.85	0.71	0.57
		ΔT	22.41	20.60	17.23	13.74	22.36	20.55	17.18	13.69	22.61	20.81	17.43	13.94	22.34	**20.53**	17.16	13.67	22.10	20.29	16.92	13.43	23.23	21.42	18.05	14.56
		Pr Suc	118.9	120.4	123.4	128.4	126.1	127.5	130.5	135.5	132.3	133.8	136.7	141.7	137.6	**139.04**	142.0	147.0	142.8	144.2	147.2	152.2	149.3	150.7	153.7	158.7
		Pr Dis	246.1	247.2	248.9	253.1	284.6	285.7	287.4	291.6	324.9	326.0	327.7	331.9	368.3	**369.37**	371.1	375.3	415.1	416.2	417.9	422.1	465.0	466.1	467.8	472.1
		Amps	7.87	7.86	7.85	7.93	9.00	8.99	8.97	9.06	10.26	10.25	10.23	10.32	11.62	**11.61**	11.59	11.68	13.14	13.13	13.11	13.20	14.93	14.92	14.90	14.99
		Power	2,056	2,054	2,050	2,070	2,315	2,313	2,309	2,329	2,605	2,603	2,598	2,618	2,918	**2,916**	2,912	2,931	3,268	3,266	3,262	3,281	3,679	3,677	3,672	3,692
	1390	MBh	39.8	40.3	41.5	---	39.5	40.0	41.2	---	38.4	39.0	40.1	---	36.7	37.2	38.4	---	34.6	35.1	36.3	---	32.6	33.2	34.3	---
		S/T	0.83	0.75	0.62	0.47	0.83	0.76	0.62	0.48	1.00	0.78	0.65	0.50	1.00	0.80	0.67	0.52	1.00	0.82	0.69	0.54	1.00	0.88	0.74	0.60
		ΔT	21.64	19.84	16.46	12.97	21.59	19.79	16.41	12.92	21.85	20.04	16.67	13.17	21.57	19.77	16.40	12.90	21.33	19.53	16.15	12.66	22.46	20.66	17.28	13.79
		Pr Suc	120.5	121.9	124.9	129.9	127.6	129.1	132.1	137.0	133.9	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	160.2
		Pr Dis	247.8	248.8	250.5	254.8	286.3	287.3	289.0	293.3	326.6	327.6	329.3	333.6	370.0	371.0	372.7	377.0	416.8	417.8	419.5	423.8	466.7	467.8	469.5	473.7
		Amps	7.91	7.91	7.89	7.97	9.04	9.03	9.01	9.10	10.30	10.29	10.27	10.36	11.66	11.65	11.63	11.72	13.18	13.17	13.16	13.24	14.97	14.96	14.94	15.03
		Power	2,066	2,064	2,059	2,079	2,325	2,323	2,318	2,338	2,614	2,612	2,608	2,628	2,928	2,926	2,921	2,941	3,278	3,275	3,271	3,291	3,688	3,686	3,682	3,701

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
ID DB	Air	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1130	MBh	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	---	31.9	32.4	33.6	---
		S/T	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	0.87	0.74	0.59	1.00	1.00	0.79	0.65
		ΔT	27.29	25.48	22.11	18.62	27.24	25.44	22.06	18.57	27.50	25.69	22.32	18.82	27.22	25.42	22.04	18.55	26.98	25.18	21.80	18.31	28.11	26.31	22.93	19.44
		Pr Suc	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	157.8
		Pr Dis	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
		Amps	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
		Power	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
	1260	MBh	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	---
		S/T	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**	0.62	1.00	0.92	0.78	0.64	1.00	1.00	0.84	0.69
		ΔT	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
		Pr Suc	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	**142.54**	147.5	143.3	144.7	147.7	152.7	149.8	151.2	154.2	159.2
		Pr Dis	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	**371.53**	375.8	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5
		Amps	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
		Power	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
	1390	MBh	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	---
		S/T	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	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72
		ΔT	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
		Pr Suc	121.0	122.5	125.4	130.4	128.1	129.6	132.6	137.6	134.4	135.8	138.8	143.8	139.7	141.1	144.1	149.1	144.8	146.3	149.3	154.3	151.3	152.8	155.8	160.8
		Pr Dis	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
		Amps	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	14.97	14.95	15.03
		Power	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
85	1130	MBh	39.7	40.3	41.4	---	39.4	39.9	41.1	---	38.4	38.9	40.1	---	36.6	37.2	38.3	---	34.5	35.0	36.2	---	32.6	33.1	34.3	---
		S/T	1.00	0.90	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75
		ΔT	30.84	29.03	25.66	22.16	30.79	28.98	25.61	22.12	31.04	29.23	25.86	22.37	30.77	28.96	25.59	22.10	30.53	28.72	25.35	21.86	31.66	29.85	26.48	22.99
		Pr Suc	119.8	121.2	124.2	129.2	126.9	128.4	131.3	136.3	133.2	134.6	137.6	142.6	138.4	139.9	142.9	147.9	143.6	145.1	148.0	153.0	150.1	151.6	154.5	159.5
		Pr Dis	246.0	247.1	248.8	253.0	284.5	285.5	287.3	291.5	324.8	325.9	327.6	331.8	368.2	369.3	371.0	375.2	415.0	416.1	417.8	422.0	464.9	466.0	467.7	472.0
		Amps	7.85	7.84	7.83	7.91	8.98	8.97	8.95	9.04	10.24	10.23	10.21	10.30	11.60	11.59	11.57	11.66	13.12	13.11	13.09	13.18	14.91	14.90	14.88	14.97
		Power	2,052	2,050	2,045	2,065	2,311	2,309	2,304	2,324	2,600	2,598	2,594	2,614	2,914	2,912	2,907	2,927	3,264	3,261	3,257	3,277	3,674	3,672	3,668	3,687
	1260	MBh	40.2	40.7	41.9	---	39.8	40.4	41.5	---	38.8	39.3	40.5	---	37.1	37.6	38.8	---	34.9	35.5	36.6	---	33.0	33.5	34.7	---
		S/T	1.00	0.95	0.81	0.67	1.00	0.96	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.94	0.79
		ΔT	29.95	28.15	24.77	21.28	29.90	28.10	24.72	21.23	30.16	28.35	24.98	21.49	29.88	28.08	24.71	21.21	29.64	27.84	24.47	20.97	30.77	28.97	25.60	22.10
		Pr Suc	121.2	122.7	125.6	130.6	128.3	129.8	132.8	137.8	134.6	136.0	139.0	144.0	139.9	141.3	144.3	149.3	145.0	146.5	149.5	154.5	151.5	153.0	156.0	161.0
		Pr Dis	247.7	248.8	250.5	254.7	286.2	287.2	289.0	293.2	326.5	327.6	329.3	333.5	369.9	371.0	372.7	376.9	416.7	417.8	419.5	423.7	466.6	467.7	469.4	473.7
		Amps	7.90	7.89	7.87	7.96	9.03	9.02	9.00	9.09	10.29	10.28	10.26	10.34	11.65	11.64	11.62	11.71	13.17	13.16	13.14	13.23	14.96	14.95	14.93	15.01
		Power	2,063	2,060	2,056	2,076	2,322	2,320	2,315	2,335	2,611	2,609	2,605	2,625	2,924	2,922	2,918	2,938	3,274	3,272	3,268	3,288	3,685	3,683	3,679	3,698
	1390	MBh	40.7	41.2	42.4	---	40.3	40.9	42.0	---	39.3	39.8	41.0	---	37.6	38.1	39.3	---	35.4	36.0	37.1	---	33.5	34.0	35.2	---
		S/T	1.00	0.98	0.84	0.70	1.00	0.99	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.97	0.82
		ΔT	29.19	27.38	24.01	20.51	29.14	27.33	23.96	20.46	29.39	27.58	24.21	20.72	29.12	27.31	23.94	20.45	28.88	27.07	23.70	20.20	30.01	28.20	24.83	21.33
		Pr Suc	122.8	124.2	127.2	132.2	129.9	131.3	134.3	139.3	136.1	137.6	140.6	145.6	141.4	142.9	145.9	150.8	146.6	148.1	151.0	156.0	153.1	154.5	157.5	162.5
		Pr Dis	249.4	250.4	252.1	256.4	287.8	288.9	290.6	294.9	328.2	329.2	330.9	335.2	371.6	372.6	374.3	378.6	418.4	419.4	421.1	425.4	468.3	469.4	471.1	475.3
		Amps	7.94	7.93	7.91	8.00	9.07	9.06	9.04	9.13	10.33	10.32	10.30	10.39	11.69	11.68	11.66	11.75	13.21	13.20	13.18	13.27	15.00	14.99	14.97	15.05
		Power	2,072	2,070	2,065	2,085	2,331	2,329	2,325	2,345	2,621	2,619	2,614	2,634	2,934	2,932	2,927	2,947	3,284	3,282	3,277	3,297	3,694	3,692	3,688	3,708

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

AVZC180241 + AVPEC37C (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

AVZC180361 + AVPEC59D (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

AVZC180481 + AVPEC61D (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

AVZC180601 + AVPEC61D (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.

Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

AVZC180241 + AVPEC37C (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

AVZC180361 + AVPEC59D (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

AVZC180481 + AVPEC61D (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

AVZC180601 + AVPEC61D (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.

Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

AVZC180241A* / AVPEC37C14A*
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
95°	**22,400**	**17,200**	**5,200**	**1,700**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**21,600**	**16,800**	**4,800**	**1,700**

AVZC180241A* / AVPEC37C14A*
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
95°	**16,100**	**12,700**	**3,400**	**1,100**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**15,500**	**12,400**	**3,100**	**1,100**

AVZC180361A* / AVPEC59D14A*
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
95°	**33,600**	**27,600**	**6,000**	**2,900**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**32,400**	**26,900**	**5,500**	**2,900**

AVZC180361A* / AVPEC59D14A*
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
95°	**24,200**	**20,300**	**3,900**	**1,800**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**23,300**	**19,800**	**3,500**	**1,800**

AVZC180481A* / AVPEC61D14A*
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
95°	**45,000**	**33,800**	**11,300**	**3,900**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**43,400**	**33,000**	**10,400**	**3,900**

AVZC180481A* / AVPEC61D14A*
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
95°	**32,400**	**24,900**	**7,400**	**2,500**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**31,200**	**24,300**	**6,900**	**2,500**

AVZC180601A* / AVPEC61D14A*
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
95°	**53,000**	**39,200**	**13,800**	**4,600**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**51,100**	**38,300**	**12,800**	**4,600**

AVZC180601A* / AVPEC61D14A*
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
95°	**38,100**	**29,000**	**9,100**	**2,900**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**36,700**	**28,300**	**8,500**	**2,900**

AVZC180241A* / AVPEC37C14A*
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
95°	**25,100**	**18,800**	**6,300**	**1,900**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**23,200**	**17,800**	**5,400**	**1,900**

AVZC180361A* / AVPEC59D14A*
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
95°	**36,900**	**27,900**	**9,000**	**3,300**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**34,500**	**26,900**	**7,600**	**3,300**

AVZC180481A* / AVPEC61D14A*
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
95°	**49,500**	**35,700**	**13,800**	**4,600**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**46,500**	**34,600**	**11,800**	**4,500**

AVZC180601A* / AVPEC61D14A*
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
95°	**57,900**	**41,800**	**16,200**	**5,500**
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
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**54,400**	**40,600**	**13,800**	**5,400**

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

Outdoor Unit	Indoor Units		Cooling Ratings ^				TVA Ratings [3]		Heating Ratings ^			CFM	AHRI #
	Coils/Air Handlers	Furnaces	Total	Sens.	SEER [1]	EER [2]	Total	Sens.	Hi [4]	HSPF [5]	Low [6]		
AVZC18VC 0241A*	AVPEC25B14A*	---	22,000	17,000	18.0	12.5	21,200	16,500	22,200	9.6	14,000	800	9114948
	AVPEC37C14A*	---	22,400	17,300	19.0	13.0	21,600	16,800	22,200	10.0	14,000	800	9114947
AVZC18VC 0361A*	AVPEC37C14A*	---	32,800	27,000	16.0	10.5	31,800	26,400	32,400	9.0	22,000	1,230	9114950
	AVPEC59D14A*	---	33,600	27,400	18.0	11.0	32,400	26,800	32,800	10.0	22,000	1,260	9114949
AVZC18VC 0481A*	AVPEC59D14A*	---	44,000	32,200	18.0	11.0	42,500	32,200	44,000	9.6	30,800	1,380	9114952
	AVPEC61D14A*	---	45,000	33,000	19.0	11.0	43,500	33,000	44,500	10.0	31,000	1,380	9114951
AVZC18VC 0601A*	AVPEC59D14A*	---	52,000	38,500	17.0	11.0	50,000	37,600	53,000	9.6	34,000	1,640	9114954
	AVPEC61D14A*	---	53,000	39,000	18.0	11.0	51,000	38,500	53,500	10.0	34,600	1,640	9114953

^ Rated in accordance with ANSI/AHRI Standard 210/240

[1] Seasonal Energy Efficiency Ratio

[2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

[3] TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

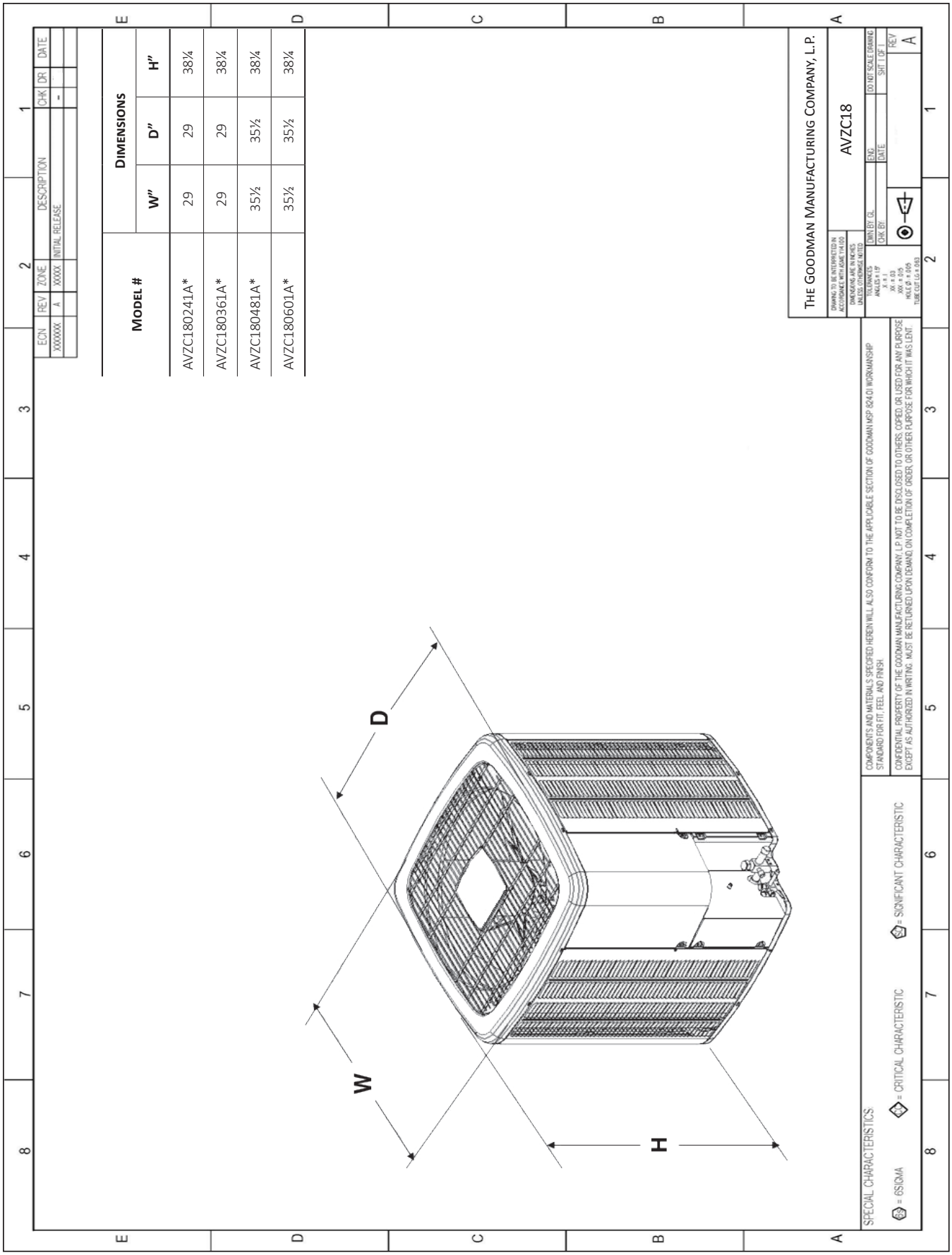
[4] Rated heating capacity at 47°F outdoor per AHRI 210/240

[5] HSPF = Heating Seasonal Performance Factor

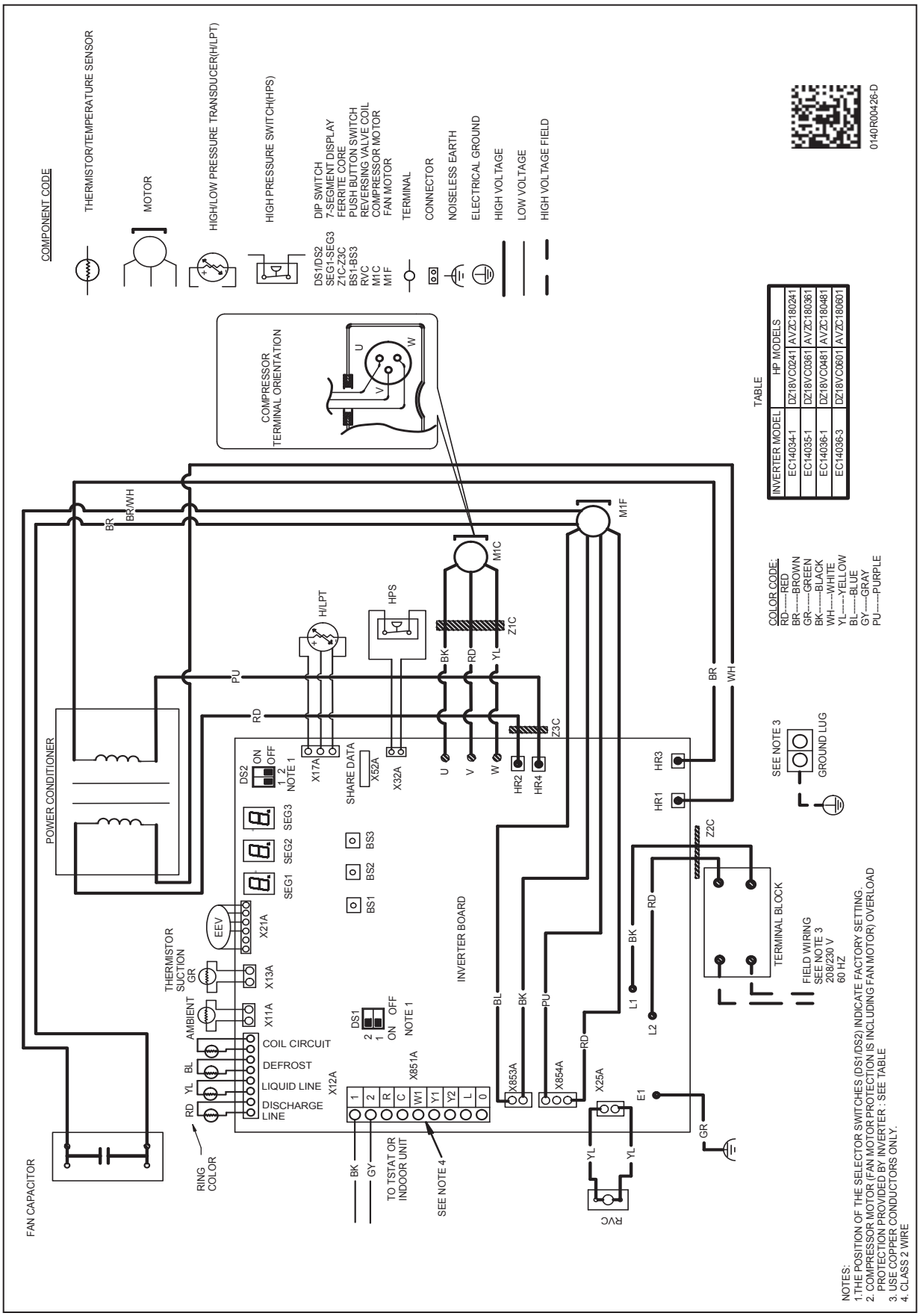
[6] Heating capacity at 17°F outdoor

Notes

- Always check the S&R plate for electrical data on the unit being installed.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Daikin brand gas furnace contains the EEP cooling time delay.



MODEL #	DIMENSIONS		
	W"	D"	H"
AVZC180241A*	29	29	38¼
AVZC180361A*	29	29	38¼
AVZC180481A*	35½	35½	38¼
AVZC180601A*	35½	35½	38¼



WARNING

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

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

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