

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



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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.)



* 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								Engineering *		
A Amana® Brand								Major/ Minor Revisions		
								* Not used for order or inventory control		
Product Category								Electrical		
S Split System								1 - 208/230 V, 1 Phase, 60 Hz		
V Inverter Split System										
Unit Type								Capacity		
X Condenser R-410A								024 2 Tons	048 4 Tons	
Z Heat Pump R-410A								036 3 Tons	060 5 Tons	
Communication Feature								Efficiency		
C ComfortNet 4-wire communications ready								16 16 SEER	18 18 SEER	20 20 SEER

	AVZC18 0241**	AVZC18 0361**	AVZC18 0481**	AVZC18 0601**
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)	155	185	200	200
SHIP WEIGHT (LBS)	175	205	220	220

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

ID DB		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
70	MBh	22.8	23.2	23.8	24.4	25.0	22.6	23.0	23.6	24.2	24.8	22.0	22.4	23.0	23.6	24.2	21.0	21.3	22.0	22.6	23.3	19.8	20.1	20.8	21.5	22.2	18.6	19.0	19.6	20.3	21.0
	S/T	0.63	0.55	0.41	0.27	0.13	0.64	0.56	0.42	0.28	0.14	0.66	0.58	0.45	0.31	0.17	1.00	0.60	0.47	0.34	0.21	1.00	0.63	0.49	0.36	0.23	1.00	0.68	0.54	0.41	0.28
	ΔT	18.56	16.83	13.58	10.33	7.08	18.52	16.78	13.53	10.28	7.03	18.76	17.02	13.78	10.53	7.28	18.50	16.76	13.52	10.27	7.02	18.27	16.53	13.28	10.03	6.78	19.35	17.62	14.37	11.12	7.87
	Pr Suc	126.4	127.9	131.1	134.3	137.5	134.0	135.6	138.8	142.0	145.2	140.8	142.3	145.5	148.7	151.9	146.4	148.0	151.2	154.4	157.6	152.0	153.6	156.8	160.0	163.2	159.0	160.5	163.7	167.0	170.2
	Power	4.81	4.80	4.79	4.78	4.77	5.45	5.45	5.43	5.42	5.41	6.17	6.17	6.15	6.14	6.13	6.95	6.94	6.93	6.92	6.91	7.82	7.81	7.80	7.79	7.78	8.84	8.83	8.82	8.81	8.80
70	MBh	23.1	23.4	24.1	24.8	25.5	22.9	23.2	23.9	24.6	25.3	22.3	22.6	23.3	24.0	24.7	21.3	21.6	22.3	23.0	23.7	20.0	20.3	21.0	21.7	22.4	18.9	19.2	19.9	20.6	21.3
	S/T	0.68	0.60	0.46	0.32	0.18	0.68	0.61	0.47	0.33	0.19	0.71	0.63	0.49	0.35	0.21	1.00	0.65	0.51	0.37	0.23	1.00	0.67	0.54	0.40	0.26	1.00	0.73	0.59	0.45	0.31
	ΔT	17.74	16.00	12.76	9.51	6.27	17.69	15.96	12.71	9.46	6.21	17.94	16.20	12.96	9.71	6.46	17.68	15.94	12.69	9.44	6.19	17.44	15.71	12.46	9.16	5.91	18.53	16.79	13.55	10.30	7.05
	Pr Suc	127.9	129.4	132.6	135.8	139.0	135.5	137.1	140.3	143.5	146.7	142.2	143.8	147.0	150.2	153.4	147.9	149.5	152.7	155.9	159.1	153.5	155.1	158.3	161.5	164.7	160.5	162.0	165.2	168.4	171.6
	Power	4.83	4.83	4.82	4.81	4.80	5.48	5.47	5.46	5.45	5.44	6.20	6.19	6.18	6.17	6.16	6.98	6.97	6.96	6.95	6.94	7.84	7.84	7.83	7.82	7.81	8.87	8.86	8.85	8.84	8.83
70	MBh	23.4	23.7	24.4	25.1	25.8	23.2	23.5	24.2	24.9	25.6	22.6	22.9	23.6	24.3	25.0	21.5	21.9	22.6	23.3	24.0	20.3	20.6	21.3	22.0	22.7	19.2	19.5	20.2	20.9	21.6
	S/T	0.71	0.63	0.49	0.35	0.21	0.71	0.63	0.50	0.36	0.22	1.00	0.66	0.52	0.38	0.24	1.00	0.68	0.54	0.40	0.26	1.00	0.70	0.56	0.42	0.28	1.00	1.00	0.62	0.48	0.34
	ΔT	17.02	15.29	12.04	8.79	5.54	16.98	15.24	11.99	8.74	5.49	17.22	15.48	12.24	8.99	5.74	16.96	15.22	11.98	8.73	5.48	16.73	14.99	11.74	8.49	5.24	17.81	16.08	12.83	9.58	6.33
	Pr Suc	129.5	131.0	134.3	137.5	140.7	137.2	138.7	141.9	145.1	148.3	143.9	145.4	148.6	151.8	155.0	149.5	151.1	154.3	157.5	160.7	155.1	156.7	159.9	163.1	166.3	162.1	163.6	166.9	170.1	173.3
	Power	4.86	4.85	4.84	4.83	4.82	5.50	5.49	5.48	5.47	5.46	6.22	6.21	6.20	6.19	6.18	7.00	6.99	6.98	6.97	6.96	7.87	7.86	7.85	7.84	7.83	8.89	8.88	8.87	8.86	8.85
75	MBh	22.9	23.2	23.9	24.6	25.3	22.7	23.0	23.7	24.4	25.1	22.1	22.4	23.1	23.8	24.5	21.0	21.4	22.0	22.6	23.2	19.8	20.1	20.8	21.5	22.2	18.6	19.0	19.6	20.3	21.0
	S/T	0.76	0.68	0.55	0.41	0.27	1.00	0.69	0.55	0.41	0.27	1.00	0.72	0.58	0.43	0.29	1.00	0.74	0.60	0.45	0.31	1.00	0.76	0.62	0.47	0.33	1.00	1.00	0.67	0.53	0.39
	ΔT	22.38	20.65	17.40	14.15	10.90	22.34	20.60	17.35	14.10	10.85	22.58	20.84	17.60	14.24	10.94	22.32	20.58	17.34	13.97	10.72	22.09	20.35	17.10	13.74	10.49	23.17	21.44	18.19	14.83	11.47
	Pr Suc	126.4	128.0	131.2	134.4	137.6	134.1	135.6	138.8	142.0	145.2	140.8	142.3	145.5	148.7	151.9	146.5	148.0	151.2	154.4	157.6	152.0	153.6	156.8	160.0	163.2	159.0	160.5	163.8	167.0	170.2
	Power	4.80	4.80	4.79	4.78	4.77	5.45	5.44	5.43	5.42	5.41	6.17	6.16	6.15	6.14	6.13	6.94	6.94	6.93	6.92	6.91	7.81	7.81	7.80	7.79	7.78	8.84	8.83	8.82	8.81	8.80

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

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
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	---	18.8	19.1	19.8	---	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	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	27.02	25.28	22.04	18.68	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	159.6	161.1	164.3	169.7	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	473.8	474.8	476.6	480.9	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	8.84	8.83	8.82	8.87	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	2,164	2,163	2,160	2,172	2,164	2,163	2,160	2,172	
80	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	---	19.0	19.3	20.0	---	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	1.00	1.00	0.85	0.70	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	26.20	24.46	21.22	17.86	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	161.1	162.6	165.8	171.2	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	475.4	476.5	478.3	482.6	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	8.86	8.86	8.85	8.90	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	2,170	2,169	2,166	2,178	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	---	19.3	19.6	20.3	---	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	1.00	1.00	1.00	0.73	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	25.48	23.74	20.50	17.14	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	162.7	164.2	167.4	172.8	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	477.1	478.2	479.9	484.3	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	8.89	8.88	8.87	8.92	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	2,175	2,174	2,171	2,183	2,175	2,174	2,171	2,183	
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	---	19.1	19.5	20.1	---	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	0.80	0.71	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.76	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	30.43	28.70	25.45	22.09	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	161.5	163.0	166.2	171.6	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	474.9	476.0	477.8	482.1	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	8.84	8.88	8.85	8.85	8.84	8.88	8.85	8.85	8.84	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	2,167	2,166	2,163	2,174	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	---	19.4	19.7	20.4	---	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	0.80	0.75	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.80	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	29.61	27.87	24.63	21.27	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	162.9	164.5	167.7	173.1	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	476.6	477.7	479.4	483.8	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	8.88	8.87	8.86	8.91	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	2,173	2,172	2,169	2,180	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	---	19.7	20.0	20.7	---	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	0.80	0.78	1.00											

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
70	MBh	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	---	13.4	13.6	14.1	---	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	---	1.00	1.00	0.56	---	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	---	18.65	16.97	13.84	---	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	---	163.5	165.1	168.4	---	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	---	452.3	453.4	455.0	---	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	---	5.56	5.56	5.55	---	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	---	1,361	1,361	1,359	---	1,361	1,361	1,359	---
	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	---	13.6	13.8	14.3	---	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	---	1.00	1.00	0.60	---	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	---	17.88	16.21	13.07	---	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	---	165.0	166.6	169.9	---	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	---	453.9	454.9	456.6	---	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	---	5.58	5.57	5.57	---	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	---	1,365	1,364	1,363	---	1,365	1,364	1,363	---	
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	---	13.8	14.0	14.5	---	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	---	1.00	1.00	0.63	---	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	---	17.21	15.54	12.40	---	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	---	166.6	168.2	171.5	---	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	---	455.4	456.4	458.1	---	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	---	5.59	5.59	5.58	---	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	---	1,368	1,367	1,366	---	1,368	1,367	1,366	---	
75	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	---	13.4	13.6	14.1	---	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	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	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	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	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	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	1,361	1,360	1,358	1,366				
	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	---	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	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	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	153.7	157.0	162.5	157.8	159.4	162.7	168.2	165.0	166.6	169.9	175.4	165.0	166.6	169.9	175.4					
Pr Dis	240.3	241.3	243.0	247.2	277.9	278.9	280.6	284.7	317.2	318.3	320.0	324.1	359.6	360.6	362.3	366.5	405.3	406.4	408.0	412.2	454.1	455.1	456.8	460.9	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	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	1,364	1,364	1,362	1,369					
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	---	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	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	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	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	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	5.59	5.58	5.58	5.61					
Power	784	783	782	789	877	877	875	882	981	981	979	986	1,094	1,																			

EXPANDED COOLING DATA — AVZC180241A*/AVPEC37C14A* LOW STAGE (CONT.)

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	0.77	0.62
		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		
80	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	0.82	0.67
		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		
85	560	MBh	16.8	17.0	17.5	---	16.7	17.0	17.5	---	16.3	16.5	17.0	---	15.6	15.8	16.3	---	14.7	14.9	15.4	---	13.9	14.1	14.6	---
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.84	0.70
		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	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		
85	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
 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 — AVZC180361A*/AVPEC59D14A* HIGH STAGE

IDB	AIR	OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
70	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	---							
1240	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	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	22.12	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	---						
1240	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	147.3	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	414.7	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	---						
1380	MBh	35.1	35.6	36.6	---	34.8	35.3	36.3	---	33.9	34.4	35.4	---	32.4	32.8	33.8	---	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	---						

kW = Total system power
Amps = outdoor unit amps

Shaded area reflects ACCA (TVA) conditions.

IDB*: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — AVZC180361A*/AVPEC59D14A* HIGH STAGE (CONT.)

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	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	---	28.1	28.6	29.6	---	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	1.00	1.00	0.85	0.69	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	26.76	25.04	21.83	18.50	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	157.2	158.7	161.9	167.2	157.2	158.7	161.9	167.2
	Amps	7.90	7.89	7.87	7.96	9.05	9.04	9.02	9.11	10.34	10.33	10.31	10.40	11.73	11.72	11.70	11.79	13.29	13.28	13.26	13.35	15.11	15.10	15.08	15.17	15.11	15.10	15.08	15.17	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	3,693	3,691	3,686	3,707	3,693	3,691	3,686	3,707	
1240	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	---	28.5	29.0	30.0	---	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	1.00	1.00	0.90	0.74	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	25.92	24.20	20.99	17.66	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	158.7	160.2	163.4	168.7	158.7	160.2	163.4	168.7
	Amps	7.95	7.94	7.92	8.01	9.10	9.09	9.07	9.16	10.39	10.38	10.36	10.45	11.78	11.77	11.75	11.84	13.34	13.33	13.31	13.40	15.16	15.15	15.13	15.22	15.16	15.15	15.13	15.22	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	3,704	3,702	3,697	3,718	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	---	28.9	29.4	30.4	---	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	1.00	1.00	0.93	0.77	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	25.18	23.47	20.26	16.93	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	160.4	161.9	165.1	170.3	160.4	161.9	165.1	170.3
	Amps	7.99	7.98	7.96	8.05	9.14	9.13	9.12	9.20	10.43	10.42	10.40	10.49	11.82	11.81	11.79	11.88	13.38	13.37	13.35	13.44	15.20	15.19	15.17	15.26	15.20	15.19	15.17	15.26	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	3,714	3,712	3,707	3,727	3,714	3,712	3,707	3,727	
85	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	---	28.7	29.2	30.2	---	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	1.00	1.00	1.00	0.80	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	30.13	28.41	25.20	21.88	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	159.1	160.6	163.8	169.0	159.1	160.6	163.8	169.0
	Amps	7.92	7.91	7.89	7.98	9.08	9.07	9.05	9.14	10.36	10.35	10.33	10.42	11.75	11.75	11.73	11.81	13.31	13.30	13.28	13.37	15.13	15.13	15.13	15.19	15.13	15.13	15.13	15.19	15.13	15.13	15.13	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	3,698	3,696	3,691	3,712	3,698	3,696	3,691	3,712	
1240	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	---	29.1	29.6	30.6	---	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	0.90	0.80	1.00	1.00	1.00	0.85	1.00	1.00	1.00	0.85	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	29.29	27.57	24.36	21.04	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	160.6	162.1	165.3	170.6	160.6	162.1	165.3	170.6
	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	15.18	15.17	15.15	15.24	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	3,709	3,707	3,702	3,723	3,709	3,707	3,702	3,723	
1380	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	---	29.5	30.0	31.0	---	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	0.90	0.83	1.00	1.00	1.00	0.88	1.00	1.00	1.00	0.88	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	28.56	26.84	23.63	20.31	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	162.2	163.8	166.9	172.2	162.2	163.8	166.9	172.2
	Amps	8.01	8.00	7.98	8.07	9.17	9.16	9.14	9.23	10.45	10.44	10.42	10.51	11.84	11.84	11.82	11.90	13.40	13.39	13.37	13.46	15.22	15.22	15.20	15.28	15.22	15.22	15.20	15.28	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	3,719	3,717	3,712	3,732	3,719	3,717	3,712	3,732	

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

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	0.85	0.70	0.54	1.00	1.00	0.78	0.62
	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	151.4	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	396.5	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps

EXPANDED COOLING DATA — AVZC180361A*/AVPEC59D14A* LOW STAGE (CONT.)

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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		
80	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	0.87	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		
80	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	0.80	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		
85	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		
85	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
 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 — AVZC180481A*/AVPEC61D14A* HIGH STAGE

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	---
70	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	---
75	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
75	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	139.7	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	410.6	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
75	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps

EXPANDED COOLING DATA — AVZC180481A*/AVPEC61D14A* HIGH STAGE (CONT.)

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	141.8	137.4	138.8	141.8	146.8	142.6	144.0	147.0	152.0	149.1	150.5	153.5	158.6
		Pr Dis	272.3	273.5	275.4	280.1	315.1	316.3	318.2	322.9	359.9	361.1	363.0	367.7	408.2	409.3	411.2	416.0	460.2	461.4	463.3	468.0	515.7	516.9	518.8	523.5
		Amps	10.51	10.49	10.47	10.59	12.09	12.08	12.05	12.17	13.86	13.85	13.82	13.94	15.77	15.76	15.73	15.86	17.91	17.90	17.87	17.99	20.42	20.41	20.38	20.50
Power	2.681	2.679	2.672	2.700	3.046	3.043	3.037	3.065	3.453	3.450	3.444	3.471	3.893	3.890	3.884	3.912	4.385	4.382	4.376	4.404	4.962	4.959	4.953	4.981		
80	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		
80	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	0.90	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73
		ΔT	32.33	30.44	26.90	23.24	32.28	30.39	26.85	23.18	32.55	30.65	27.12	23.45	32.26	30.37	26.83	23.16	32.01	30.11	26.58	22.91	33.20	31.30	27.76	24.10
		Pr Suc	120.4	121.8	124.8	129.8	127.5	129.0	132.0	137.0	133.8	135.3	138.3	143.3	139.1	140.6	143.6	148.6	144.3	145.8	148.8	153.8	150.8	152.3	155.3	160.3
		Pr Dis	273.6	274.7	276.7	281.4	316.4	317.5	319.4	324.2	361.2	362.3	364.3	369.0	409.4	410.6	412.5	417.2	461.5	462.6	464.5	469.3	517.0	518.2	520.1	524.8
		Amps	10.54	10.52	10.50	10.62	12.12	12.11	12.08	12.20	13.89	13.88	13.85	13.97	15.80	15.79	15.76	15.89	17.94	17.93	17.90	18.02	20.45	20.44	20.41	20.53
Power	2.688	2.686	2.679	2.707	3.053	3.050	3.044	3.072	3.460	3.457	3.451	3.478	3.900	3.897	3.891	3.919	4.392	4.389	4.383	4.411	4.969	4.966	4.960	4.988		
85	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		
85	1520	MBh	48.0	48.6	50.0	---	47.6	48.2	49.6	---	46.4	47.0	48.4	---	44.3	45.0	46.3	---	41.8	42.5	43.8	---	39.5	40.2	41.5	---
		S/T	1.00	0.96	0.82	0.68	1.00	0.96	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.95	0.81
		ΔT	30.63	28.74	25.20	21.53	30.58	28.68	25.15	21.48	30.85	28.95	25.41	21.75	30.56	28.66	25.13	21.46	30.31	28.41	24.87	21.21	31.49	29.60	26.06	22.39
		Pr Suc	123.3	124.8	127.8	132.8	130.5	132.0	135.0	140.0	136.8	138.2	141.2	146.2	142.1	143.5	146.5	151.5	147.3	148.7	151.7	156.8	153.8	155.3	158.3	163.3
		Pr Dis	277.2	278.4	280.3	285.0	320.0	321.2	323.1	327.8	364.8	366.0	367.9	372.6	413.1	414.3	416.2	420.9	465.1	466.3	468.2	472.9	520.7	521.8	523.7	528.5
		Amps	10.66	10.65	10.62	10.74	12.24	12.23	12.20	12.32	14.01	14.00	13.97	14.09	15.93	15.91	15.89	16.01	18.06	18.05	18.03	18.15	20.57	20.56	20.53	20.66
Power	2.716	2.714	2.707	2.735	3.081	3.078	3.072	3.100	3.488	3.485	3.479	3.507	3.928	3.925	3.919	3.947	4.420	4.417	4.411	4.439	4.997	4.994	4.988	5.016		

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

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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 Dis	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	---	
70	MBh	33.3	33.8	34.8	---	33.1	33.5	34.5	---	32.2	32.7	33.6	---	30.7	31.2	32.2	---	28.9	29.4	30.4	---	27.3	27.7	28.7	---
	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 Dis	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 Dis	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	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	0.80	0.72	0.59	0.44	0.81	0.73	0.59	0.45	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 Dis	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 Dis	122.9	124.4	127.4	132.6	130.2	131.7	134.8	140.0	136.7	138.2	141.2	146.4	142.1	143.6	146.7	151.9	147.5	149.0	152.1	157.2	154.2	155.7	158.8	163.9
	Pr Dis	261.6	262.7	264.6	269.1	302.5	303.6	305.5	310.0	345.4	346.5	348.3	352.8	391.5	392.6	394.4	399.0	441.2	442.4	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 Dis	124.4	125.9	129.0	134.2	131.8	133.3	136.4	141.5	138.3	139.8	142.8	148.0	143.7	145.2	148.3	153.4	149.1	150.6	153.6	158.8	155.8	157.3	160.3	165.5
	Pr Dis	263.4	264.5	266.3	270.8	304.3	305.4	307.2	311.7	347.1	348.2	350.0	354.6	393.2	394.4	396.2	400.7	443.0	444.1	445.9	450.4	496.1	497.2	499.0	503.5
Amps	6.68	6.67	6.66	6.73	7.68	7.67	7.65	7.73	8.79	8.78	8.76	8.84	9.99	9.99	9.97	10.04	11.34	11.33	11.31	11.39	12.92	12.91	12.89	12.97	
Power	1.703	1.701	1.697	1.715	1.932	1.931	1.927	1.944	2.188	2.186	2.183	2.200	2.465	2.463	2.459	2.477	2.775	2.773	2.769	2.786	3.138	3.136	3.132	3.149	

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

EXPANDED COOLING DATA — AVZC180481A*/AVPEC61D14A* LOW STAGE (CONT.)

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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		
80	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		
85	970	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	1080	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	0.80
		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		
85	1190	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		
85	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

ID DB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																							
		65						75						85						95						105						115					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	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	---												
	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	---													
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	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												
	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	135.2	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	386.3	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													
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
 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

IDB		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE														
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	MBh	54.3	55.1	56.7	58.3	59.9	54.6	56.2	57.8	59.4	61.0	53.2	54.8	56.4	58.0	59.6	50.0	50.8	51.6	52.4	53.2	47.1	47.8	48.5	49.2	49.9	44.4	45.1	45.8	46.5	47.2
	S/T	0.85	0.78	0.65	0.51	0.37	0.78	0.65	0.51	0.37	0.23	0.81	0.68	0.54	0.40	0.26	1.00	0.83	0.70	0.56	0.43	1.00	0.85	0.72	0.58	0.45	1.00	1.00	0.77	0.63	0.50
	ΔT	28.29	26.41	22.92	19.30	15.70	26.36	22.87	19.25	15.63	12.01	26.63	23.13	19.51	15.89	12.27	28.21	26.34	22.85	19.23	15.61	27.96	26.09	22.60	18.98	15.36	29.14	27.26	23.77	20.15	16.53
	Pr Dis	114.8	116.2	119.1	124.0	129.0	123.1	126.0	130.9	135.8	140.7	127.8	129.2	132.1	137.0	141.9	132.9	134.4	137.3	142.1	147.0	138.0	139.4	142.3	147.2	152.1	144.3	145.7	148.6	153.5	158.4
	Amps	256.1	257.2	259.0	263.5	268.0	297.5	299.3	303.7	308.2	312.7	338.5	339.6	341.4	345.9	350.4	383.9	385.0	386.8	391.3	395.8	432.9	434.0	435.8	440.2	444.7	485.1	486.2	488.0	492.5	497.0
	Power	3.254	3.250	3.243	3.275	3.306	3.663	3.656	3.687	3.718	3.749	4.126	4.123	4.116	4.147	4.178	4.624	4.621	4.614	4.645	4.676	5.180	5.177	5.170	5.202	5.233	5.833	5.830	5.823	5.854	5.885
	MBh	54.9	55.7	57.3	58.9	60.5	55.2	56.8	58.4	60.0	61.6	53.0	53.8	54.6	55.4	56.2	50.6	51.4	52.2	53.0	53.8	47.7	48.4	49.1	49.8	50.6	45.0	45.7	46.4	47.1	47.8
	S/T	0.90	0.83	0.69	0.55	0.41	0.83	0.70	0.56	0.42	0.28	0.86	0.72	0.58	0.44	0.30	1.00	0.87	0.74	0.60	0.47	1.00	0.90	0.76	0.62	0.48	1.00	1.00	0.81	0.67	0.53
	ΔT	27.36	25.49	22.00	18.38	14.76	25.44	21.95	18.33	14.71	11.09	27.58	25.70	22.21	18.59	14.97	27.29	25.42	21.93	18.31	14.69	27.04	25.17	21.68	18.06	14.44	28.22	26.34	22.85	19.23	15.61
	Pr Dis	116.2	117.6	120.5	125.4	130.3	124.5	127.4	132.3	137.2	142.1	129.2	130.6	133.5	138.4	143.3	134.3	135.8	138.7	143.6	148.5	139.4	140.8	143.7	148.6	153.5	145.7	147.1	150.0	154.9	159.8
Amps	257.9	259.0	260.8	265.3	270.0	299.3	301.1	305.5	309.9	314.3	340.3	341.4	343.2	347.7	352.1	385.7	386.8	388.6	393.1	397.6	434.7	435.8	437.6	442.0	446.5	486.9	488.0	489.8	494.3	498.8	
Power	3.271	3.268	3.261	3.292	3.323	3.683	3.680	3.673	3.705	3.736	4.144	4.140	4.133	4.165	4.197	4.641	4.638	4.631	4.663	4.695	5.198	5.195	5.188	5.219	5.251	5.851	5.847	5.840	5.872	5.904	
MBh	55.5	56.3	57.9	59.5	61.1	55.8	57.4	59.0	60.6	62.2	53.7	54.4	55.0	55.7	56.4	51.2	52.0	52.8	53.6	54.4	48.3	49.0	49.7	50.4	51.1	45.6	46.3	47.0	47.7	48.4	
S/T	0.93	0.85	0.72	0.58	0.44	0.86	0.73	0.59	0.45	0.31	0.88	0.75	0.61	0.47	0.33	1.00	0.90	0.77	0.63	0.50	1.00	0.92	0.79	0.65	0.51	1.00	1.00	0.84	0.70	0.56	
ΔT	26.65	24.78	21.29	17.67	14.05	24.73	21.24	17.62	14.00	10.38	26.87	25.00	21.50	17.88	14.26	26.58	24.71	21.22	17.60	14.00	26.33	24.46	20.97	17.35	13.73	27.51	25.63	22.14	18.52	14.90	
Pr Dis	117.5	118.9	121.8	126.7	131.6	124.5	125.9	128.8	133.6	138.5	130.5	132.0	134.9	139.7	144.5	135.7	137.1	140.0	144.8	149.6	140.7	142.1	145.0	149.9	154.7	147.0	148.4	151.3	156.2	161.1	
Amps	259.5	260.6	262.4	266.8	271.3	299.7	300.8	302.6	307.0	311.5	341.9	343.0	344.8	349.2	353.7	387.3	388.4	390.2	394.6	399.0	436.2	437.3	439.1	443.5	447.9	488.5	489.6	491.4	495.8	500.2	
Power	3.285	3.281	3.274	3.306	3.337	3.697	3.693	3.686	3.718	3.749	4.157	4.154	4.147	4.178	4.210	4.655	4.652	4.645	4.676	4.708	5.211	5.208	5.201	5.232	5.264	5.864	5.861	5.854	5.885	5.917	
MBh	55.3	56.0	57.6	59.2	60.8	55.5	57.1	58.7	60.3	61.9	53.4	54.1	54.7	55.3	56.0	50.9	51.7	52.3	53.0	53.7	48.0	48.7	49.4	50.1	50.8	45.3	46.0	46.7	47.4	48.1	
S/T	1.00	0.88	0.75	0.61	0.47	0.88	0.75	0.61	0.47	0.33	1.00	0.91	0.78	0.64	0.50	1.00	0.83	0.70	0.56	0.43	1.00	0.88	0.75	0.61	0.47	1.00	1.00	0.87	0.73	0.59	
ΔT	31.96	30.09	26.59	22.97	19.35	30.04	26.54	22.92	19.30	15.68	32.17	30.30	26.81	23.19	19.57	31.89	30.02	26.52	22.90	19.28	31.64	29.77	26.27	22.65	19.03	32.81	30.94	27.44	23.82	20.20	
Pr Dis	116.5	117.9	120.8	125.7	130.6	124.9	127.8	132.6	137.5	142.4	129.5	130.9	133.8	138.7	143.6	134.7	136.1	139.0	143.8	148.7	139.7	141.1	144.0	148.9	153.8	146.0	147.4	150.3	155.2	160.1	
Amps	257.3	258.4	260.2	264.7	269.2	297.6	298.7	300.5	304.9	309.4	339.7	340.8	342.6	347.1	351.6	385.1	386.2	388.0	392.5	397.0	434.1	435.2	437.0	441.4	445.9	486.3	487.4	489.2	493.7	498.2	
Power	3.262	3.258	3.251	3.283	3.314	3.674	3.671	3.664	3.695	3.726	4.134	4.131	4.124	4.155	4.187	4.632	4.629	4.622	4.653	4.685	5.188	5.185	5.178	5.210	5.242	5.841	5.838	5.831	5.862	5.894	
MBh	55.8	56.6	58.2	59.8	61.4	56.1	57.7	59.3	60.9	62.5	54.0	54.7	55.3	56.0	56.7	51.5	52.3	53.0	53.7	54.4	48.6	49.3	50.0	50.7	51.4	45.9	46.6	47.3	48.0	48.7	
S/T	1.00	0.92	0.79	0.65	0.51	0.93	0.80	0.66	0.52	0.38	1.00	0.95	0.82	0.68	0.54	1.00	0.87	0.74	0.60	0.47	1.00	0.90	0.76	0.62	0.48	1.00	1.00	0.91	0.77	0.63	
ΔT	31.04	29.17	25.67	22.05	18.43	29.12	25.62	22.00	18.38	14.76	31.25	29.38	25.88	22.26	18.64	30.97	29.10	25.60	22.00	18.40	30.72	28.85	25.35	21.73	18.11	31.89	30.02	26.52	22.90	19.28	
Pr Dis	117.9	119.3	122.2	127.1	132.0	124.8	126.3	129.2	134.0	138.9	130.9	132.3	135.2	140.1	145.0	136.1	137.5	140.4	145.2	150.1	141.1	142.5	145.4	150.3	155.2	147.4	148.8	151.7	156.6	161.5	
Amps	259.1	260.2	262.0	266.5	271.0	299.4	300.5	302.3	306.7	311.2	341.5	342.6	344.4	348.9	353.4	386.9	388.0	389.8	394.3	398.8	435.9	437.0	438.8	443.2	447.7	488.1	489.2	491.0	495.5	500.0	
Power	3.279	3.276	3.269	3.300	3.331	3.691	3.688	3.681	3.712	3.743	4.151	4.148	4.141	4.172	4.204	4.649	4.646	4.639	4.670	4.702	5.206	5.203	5.195	5.226	5.258	5.858	5.855	5.848	5.880	5.912	
MBh	56.5	57.2	58.8	60.4	62.0	56.7	58.3	59.9	61.5	63.1	54.6	55.3	56.0	56.7	57.4	52.1	52.9	53.6	54.3	55.0	49.2	49.9	50.6	51.3	52.0	46.5	47.2	47.9	48.6	49.3	
S/T	1.00	0.95	0.82	0.68	0.54	0.96	0.82	0.68	0.54	0.40	1.00	0.98	0.85	0.71	0.57	1.00	0.89	0.76	0.62	0.49	1.00	0.90	0.76	0.62	0.48	1.00	1.00	0.94	0.80	0.66	
ΔT	30.33	28.46	24.96	21.34	17.72	28.41	24.91	21.29	17.67	14.05	30.54	28.67	25.17	21.55	17.93	30.26	28.39	24.89	21.27	17.65	30.01	28.14	24.64	21.02	17.40	31.18	29.31	25.81	22.19	18.57	
Pr Dis	119.2	120.7	123.6	128.4	133.3	126.2	127.6	130.5	135.3	140.2	132.3	133.7	136.6	141.4	146.3	137.4	138.8	141.7	146.5	151.4	142.4	143.8	146.7	151.5	156.4	148.7	150.2	153.1	157.9	162.8	
Amps	260.7	261.8	263.6	268.0	272.5	300.9	302.0	303.8	308.2	312.7	343.1	344.2	346.0	350.4	354.9	388.5	389.6	391.4	395.8	400.3	437.4	438.5	440.3	444.7	449.2	489.7	490.8	492.6	497.0	501.5	
Power	3.292	3.289	3.282	3.314	3.345	3.705	3.701	3.694	3.726	3.757	4.165	4.162	4.154	4.186	4.218	4.663	4.660	4.652	4.684	4.716	5.219	5.216	5.209	5.240	5.272	5.872	5.869	5.862	5.894	5.926	

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

ID	DB	AIR	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
			65				75				85				95				105				115			
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	---
		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	---		
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	0.40	0.76	0.68	0.54	0.40	0.78	0.71	0.57	0.43	1.00	0.72	0.59	0.45	2.00	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
		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	2.00	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	139.0	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		
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	2.00	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	12.92	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions.
 kW = Total system power
 Amps = outdoor unit amps

ID DB AIR		OUTDOOR AMBIENT TEMPERATURE															ENTERING INDOOR WET BULB TEMPERATURE																
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	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	---	31.9	32.4	33.6	---	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	1.00	1.00	0.79	0.65	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	28.11	26.31	22.93	19.44	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	148.3	149.8	152.8	157.8	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	463.8	464.9	466.6	470.8	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	14.89	14.88	14.86	14.94	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	3.669	3.667	3.663	3.683	3.669	3.667	3.663	3.683	
1130	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	---	32.3	32.9	34.0	---	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	1.00	1.00	0.84	0.69	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	27.23	25.42	22.05	18.56	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	142.5	147.5	143.3	144.7	147.7	152.7	149.8	151.2	154.2	159.2	149.8	151.2	154.2	159.2	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	371.5	375.8	415.6	416.6	418.3	422.6	465.5	466.6	468.3	472.5	465.5	466.6	468.3	472.5	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	14.93	14.92	14.91	14.99	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	3.680	3.678	3.674	3.693	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	---	32.8	33.4	34.5	---	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	1.00	1.00	0.87	0.72	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	26.46	24.65	21.28	17.79	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	151.3	152.8	155.8	160.8	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	467.2	468.2	469.9	474.2	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	14.97	14.97	14.95	15.03	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	2.923	2.943	3.279	3.277	3.273	3.293	3.689	3.687	3.683	3.703	3.689	3.687	3.683	3.703	3.689	3.687	3.683	3.703	
85	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	---	32.6	33.1	34.3	---	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	1.00	1.00	0.89	0.75	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	31.66	29.85	26.48	22.99	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	150.1	151.6	154.5	159.5	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	464.9	466.0	467.7	472.0	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	14.91	14.90	14.88	14.97	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	3.674	3.672	3.668	3.687	3.674	3.672	3.668	3.687	
1130	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	---	33.0	33.5	34.7	---	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	1.00	1.00	0.94	0.79	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	30.77	28.97	25.60	22.10	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	151.5	153.0	156.0	161.0	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	466.6	467.7	469.4	473.7	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	14.96	14.95	14.93	15.01	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	3.685	3.683	3.679	3.698	3.685	3.683	3.679	3.698	
1260	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	---	33.5	34.0	35.2	---	33.5	34.0	35.2	---
	S/T	1.00	0.98	0.84	0.70	1.00	0.99	0.85	0.71																								

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.

Amps = Outdoor unit amps (comp.+fan)

Conditions at 47°F outdoor ambient temperature

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.

Amps = Outdoor unit amps (comp.+fan)

Conditions at 47°F outdoor ambient temperature

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*	---	33,000	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

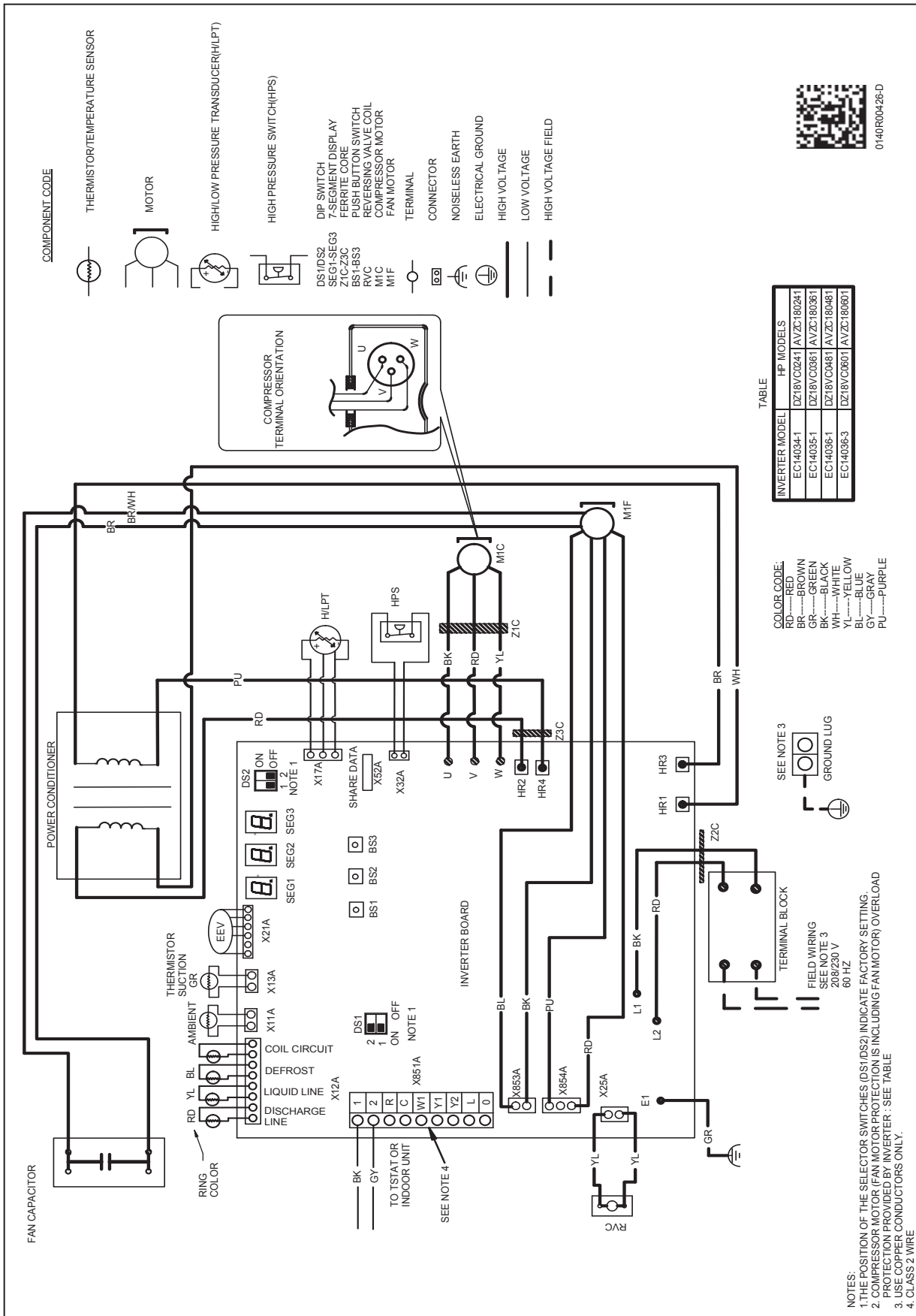
⁴ Rated heating capacity at 47°F outdoor per AHRI 210/240

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.



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.