

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

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

**HIGH-EFFICIENCY,
COMFORTNET[™]-COMPATIBLE,
SPLIT SYSTEM HEAT PUMP
UP TO 19 SEER & 10.0 HSPF**



ComfortNet[®]

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Standard Features

- Variable-speed swing and scroll compressors
- High-density foam compressor sound blanket
- ComfortNet[™] Communications System compatible
- Franklin 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
- Intelligent 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.franklinhvacsyste.ms.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 Franklin® 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 0241A*	AVZC18 0361A*	AVZC18 0481A*	AVZC18 0601A*
CAPACITIES AND RATINGS				
Max. Cooling (BTU/h)	22,400	33,600	45,000	53,000
Max. Heating (BTU/h)	22,200	32,800	44,500	53,500
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
RLA	12.7	19.8	27.6	31.10
CONDENSER FAN MOTOR				
Horsepower	1/7	1/7	1/8	1/4
FLA	1.0	1.0	1.0	1.8
REFRIGERATION SYSTEM				
Refrigerant Line Size				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1-1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Front-seated	Front-seated	Front-seated	Front-seated
Refrigerant Charge	139	139	160	237
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	11±1°F	14±1°F	9±1°F°	10±1°F
ELECTRICAL DATA				
Volts-Phase (60 Hz)	208/230- 1	208/230- 1	208/230- 1	208/230- 1
Minimum Circuit Ampacity ²	13.6	20.7	28.6	32.9
Max. Overcurrent Protection ³	15	25	30	35
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	172	172	220	270
SHIP WEIGHT (LBS)	201	201	247	297

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 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.

OUTDOOR AMBIENT TEMPERATURE																											
				65				75				85				95				105				115			
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
ENTERING INDOOR WET BULB TEMPERATURE																											
720		MBh	22,845	23,167	23,848	---	22,641	22,963	23,644	---	21,022	21,344	22,025	---	19,771	20,093	20,774	---	18,629	18,951	19,631	---	17,371	17,693	18,374	---	
		S/T	0.63	0.55	0.41	---	0.64	0.56	0.42	---	1.00	0.60	0.47	---	1.00	0.63	0.49	---	1.00	0.68	0.54	---	1.00	0.73	0.59	---	
		ΔT	18.56	16.83	13.58	---	18.52	16.78	13.53	---	18.50	16.76	13.52	---	18.27	16.53	13.28	---	19.35	17.62	14.37	---	18.53	16.79	13.55	---	
		Pr Suc	126.37	127.93	131.14	---	134.04	135.59	138.80	---	146.43	147.99	151.20	---	152.00	153.56	156.77	---	158.98	160.53	163.74	---	160.47	162.03	165.24	---	
		Pr Dis	249.48	250.56	252.31	---	288.77	289.85	291.61	---	329.94	331.02	332.78	---	374.28	375.36	377.11	---	423.07	424.15	426.90	---	473.08	474.16	475.91	---	
800		Amps	4.81	4.80	4.79	---	5.45	5.45	5.43	---	6.17	6.17	6.15	---	7.82	7.81	7.80	---	8.84	8.83	8.82	---	8.89	8.88	8.87	---	
		Power	1,236	1,235	1,233	---	1,385	1,384	1,381	---	1,550	1,549	1,546	---	1,929	1,928	1,926	---	2,164	2,163	2,162	---	2,175	2,174	2,172	---	
		MBh	23,089	23,411	24,091	---	22,885	23,207	23,887	---	21,266	21,588	22,269	---	20,015	20,336	21,017	---	18,872	19,194	19,875	---	18,154	18,476	19,157	---	
		S/T	0.68	0.60	0.46	---	0.68	0.61	0.47	---	1.00	0.65	0.51	---	1.00	0.67	0.54	---	1.00	0.73	0.59	---	1.00	0.70	0.56	---	
		ΔT	17.74	16.00	12.76	---	17.69	15.96	12.71	---	17.68	15.94	12.69	---	17.44	15.71	12.46	---	18.53	16.79	13.55	---	17.81	16.08	12.83	---	
880		Pr Suc	127.86	129.42	132.63	---	135.53	137.09	140.30	---	147.92	149.48	152.69	---	153.50	155.05	158.26	---	160.47	162.03	165.24	---	162.09	163.65	166.86	---	
		Pr Dis	251.16	252.24	253.99	---	290.45	291.54	293.29	---	331.63	332.71	334.46	---	377.60	378.68	380.43	---	426.40	427.48	429.23	---	476.40	477.48	479.23	---	
		Amps	4.83	4.83	4.82	---	5.48	5.47	5.46	---	6.20	6.19	6.18	---	7.84	7.84	7.83	---	8.87	8.86	8.85	---	8.89	8.88	8.87	---	
		Power	1,242	1,241	1,239	---	1,391	1,390	1,387	---	1,556	1,555	1,552	---	1,935	1,934	1,932	---	2,170	2,169	2,166	---	2,175	2,174	2,172	---	
		MBh	23,371	23,693	24,374	---	23,167	23,489	24,170	---	21,548	21,870	22,551	---	20,297	20,619	21,299	---	19,154	19,476	20,157	---	18,154	18,476	19,157	---	
75		S/T	0.71	0.63	0.49	---	0.71	0.63	0.50	---	1.00	0.68	0.54	---	1.00	0.70	0.56	---	1.00	0.73	0.59	---	1.00	0.70	0.56	---	
		ΔT	17.02	15.29	12.04	---	16.98	15.24	11.99	---	16.96	15.22	11.98	---	16.73	14.99	11.74	---	17.81	16.08	12.83	---	17.81	16.08	12.83	---	
		Pr Suc	129.49	131.04	134.25	---	137.15	138.71	141.92	---	149.54	151.10	154.31	---	155.12	156.67	159.88	---	162.09	163.65	166.86	---	162.09	163.65	166.86	---	
		Pr Dis	252.80	253.88	255.63	---	292.10	293.18	294.93	---	333.27	334.35	336.10	---	377.60	378.68	380.43	---	426.40	427.48	429.23	---	476.40	477.48	479.23	---	
		Amps	4.86	4.85	4.84	---	5.50	5.49	5.48	---	6.22	6.21	6.20	---	7.87	7.86	7.85	---	8.89	8.88	8.87	---	8.89	8.88	8.87	---	
720		Power	1,248	1,247	1,244	---	1,396	1,395	1,392	---	1,561	1,560	1,558	---	1,941	1,939	1,937	---	2,175	2,174	2,172	---	2,175	2,174	2,172	---	
		MBh	22,858	23,180	23,861	24,901	22,654	22,976	23,657	24,697	21,035	21,357	22,038	23,078	19,784	20,106	20,787	21,827	18,642	18,964	19,645	20,684	18,642	18,964	19,645	20,684	
		S/T	0.76	0.68	0.55	0.40	1.00	0.69	0.55	0.41	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.53	1.00	1.00	0.67	0.53	
		ΔT	22.38	20.65	17.40	14.04	22.34	20.60	17.35	13.99	22.32	20.58	17.34	13.97	22.09	20.35	17.10	13.74	23.17	21.44	18.19	14.83	23.17	21.44	18.19	14.83	
		Pr Suc	126.40	127.96	131.17	136.53	134.07	135.62	138.83	144.20	140.78	142.34	145.55	150.91	146.46	148.02	151.22	156.59	152.03	153.59	156.80	162.16	159.01	160.56	163.77	169.14	
800		Pr Dis	249.70	250.78	252.53	256.87	288.99	290.07	291.83	296.17	330.16	331.25	333.00	337.34	374.50	375.58	377.33	381.67	422.29	423.37	425.13	429.47	473.30	474.38	476.13	480.47	
		Amps	4.80	4.80	4.79	4.84	5.45	5.44	5.43	5.48	6.17	6.16	6.15	6.20	6.94	6.94	6.93	6.98	7.81	7.81	7.80	7.85	8.84	8.83	8.82	8.87	
		Power	1,235	1,234	1,232	1,243	1,384	1,383	1,380	1,391	1,549	1,548	1,546	1,557	1,728	1,727	1,725	1,736	1,928	1,927	1,925	1,936	2,163	2,162	2,159	2,171	
		MBh	23,102	23,424	24,105	25,145	22,898	23,220	23,901	24,941	22,303	22,625	23,306	24,346	21,279	22,282	23,322	24,070	18,886	19,207	19,888	20,928	18,886	19,207	19,888	20,928	
		S/T	0.81	0.73	0.59	0.45	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	1.00	0.72	0.57	1.00	1.00	0.72	0.57	
75		ΔT	21.56	19.82	16.58	13.22	21.51	19.78	16.53	13.17	21.76	20.02	16.78	13.41	21.50	19.76	16.51	13.15	21.26	19.53	16.28	12.92	22.35	20.61	17.37	14.01	
		Pr Suc	127.89	129.45	132.66	138.03	135.56	137.12	140.33	145.69	142.28	143.83	147.04	152.41	147.95	149.51	152.72	158.09	153.53	155.08	158.29	163.66	160.50	162.06	165.27	170.63	
		Pr Dis	251.38	252.46	254.21	258.55	290.67	291.76	293.51	297.85	331.85	332.93	334.68	339.02	376.18	377.26	379.01	383.35	423.97	425.05	426.81	431.15	474.98	476.06	477.81	482.15	
		Amps	4.83	4.82	4.81	4.86	5.47	5.47	5.46	5.51	6.19	6.19	6.18	6.23	6.97	6.97	6.95	7.00	7.84	7.84	7.82	7.87	8.86	8.86	8.85	8.89	
		Power	1,242	1,240	1,238	1,249	1,390	1,389	1,386	1,397	1,555	1,554	1,552	1,563	1,734	1,733	1,731	1,742	1,934	1,933	1,931	1,942	2,169	2,168	2,165	2,177	
880		MBh	23,384	23,706	24,387	25,427	23,180	23,502	24,183	25,223	22,585	22,907	23,588	24,628	21,561	22,883	23,604	24,353	19,168	19,490	20,170	21,210	19,168	19,490	20,170	21,210	
		S/T	0.84	0.76	0.62	0.48	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.70	0.55	1.00	1.00	0.75	0.60	
		ΔT	20.85	19.11	15.86	12.50	20.80	19.06	15.82	12.45	21.04	19.30	16.06	12.70	20.78	19.04	15.80	12.44	20.55	18.81	15.57	12.20	21.64	19.90	16.65	13.29	
		Pr Suc	129.52	131.07	134.28	139.65	137.18	138.74	141.95	147.31	143.90	145.45	148.66	154.03	149.57	151.13	154.34	159.71	155.15	156.70	159.91	165.28	162.12	163.68	166.89	172.25	
		Pr Dis	253.02	254.10	255.85	260.19	292.32	293.40	295.15	299.49	333.49	334.57	336.32	340.66	377.82	378.90	380.65	384.99	425.62	426.70	428.45	432.79	476.62	477.70	479.45	483.80	
720		Amps	4.85	4.85	4.83	4.88	5.50	5.49	5.48	5.53	6.22	6.21	6.20	6.25	6.99	6.99	6.98	7.03	7.86	7.86	7.85	7.90	8.88	8.88	8.87	8.92	
		Power	1,247	1,246	1,243	1,254	1,395	1,394	1,391	1,403	1,560	1,559	1,557	1,568	1,740	1,738	1,736	1,747	1,940	1,938	1,936	1,947	2,174	2,173	2,171	2,182	
		MBh	23,629	23,951	24,632	25,672	23,424	23,746	24,427	25,467	22,829	23,151	23,832	24,872	21,703	23,025	23,706	24,457	19,168	19,490	20,170	21,210	19,168	19,490	20,170	21,210	
		S/T	0.87	0.79	0.65	0.51	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.69	0.55	1.00	1.00	0.75	0.60	1.00	1.00	0.75	0.60	
		ΔT	21.44	19.70	16.46	13.10	21.39	19.65	16.40	13.05	21.64	19.90	16.65	13.29	21.41	19.67	16.42	13.07	22.57	20.84	17.59	14.24	22.57	20.84	17.59	14.24	
880		Pr Suc	129.52	131.07	134.28	139.65	137.18	138.74	141.95	147.31	143.90	145.45	148.66	154.03	149.57	151.13	154.34	159.71	155.15	156.70	159.91	165.28	162.12	163.68	166.89	172.25	
		Pr Dis	253.02	254.10	255.85	260.19	292.32	293.40	295.15	299.49	333.49	334.57	336.32	340.66	377.82	378.90	380.65	384.99	425.62	426.70	428.45	432.79	476.62	477.70	479.45	483.80	
		Amps	4.85	4.85	4.83	4.88	5.50	5.49	5.48	5.53	6.22	6.21	6.20	6.25	6.99	6.99	6.98	7.03	7.86	7.86	7.85	7.90	8.88	8.88	8.87	8.92	
		Power	1,247	1,246	1,243	1,254	1,395	1,394	1,391	1,403	1,560	1,559	1,557	1,568	1,740	1,738	1,736	1,747	1,940	1,938	1,936	1,947	2,174	2,			

IDB*: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = outdoor unit amps

		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
ID DB	AIR	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
720	MBh	22,976	23,298	23,979	25,019	22,772	23,094	23,775	24,815	22,177	22,499	23,180	24,220	21,154	21,475	22,156	23,196	19,902	20,224	20,905	21,945	18,760	19,082	19,763	20,803												
	S/T	1.00	0.81	0.67	0.53	1.00	0.82	0.68	0.53	1.00	0.84	0.71	0.56	1.00	1.00	0.72	0.58	1.00	1.00	0.75	0.60	1.00	1.00	0.80	0.65												
	ΔT	26.23	24.49	21.25	17.89	26.18	24.45	21.20	17.84	26.43	24.69	21.45	18.08	26.17	24.43	21.18	17.82	25.93	24.20	20.95	17.59	27.02	25.28	22.04	18.68												
	Pr Suc	126.96	128.51	131.72	137.09	134.62	136.18	139.39	144.76	141.34	142.90	146.11	151.47	147.02	148.57	151.78	157.15	152.59	154.15	157.35	162.72	159.56	161.12	164.33	169.70												
	Pr Dis	250.15	251.24	252.99	257.33	289.45	290.53	292.28	296.63	330.62	331.70	333.45	337.80	374.96	376.04	377.79	382.13	422.75	423.83	425.58	429.92	473.76	474.84	476.59	480.93												
	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												
800	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												
	MBh	23,220	23,542	24,223	25,263	23,016	23,338	24,019	25,059	22,421	22,743	23,424	24,464	21,397	21,719	22,400	23,440	20,146	20,468	21,149	22,188	19,004	19,325	20,006	21,046												
	S/T	1.00	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.85	0.70												
	ΔT	25.41	23.67	20.43	17.06	25.36	23.62	20.38	17.02	25.61	23.87	20.62	17.26	25.34	23.61	20.36	17.00	25.11	23.37	20.13	16.77	26.20	24.46	21.22	17.86												
	Pr Suc	128.45	130.01	133.22	138.58	136.12	137.68	140.88	146.25	142.83	144.39	147.60	152.97	148.51	150.07	153.28	158.64	154.08	155.64	158.85	164.21	161.06	162.62	165.82	171.19												
	Pr Dis	251.84	252.92	254.67	259.01	291.13	292.21	293.97	298.31	332.30	333.38	335.14	339.48	376.64	377.72	379.47	383.81	424.43	425.51	427.26	431.61	475.44	476.52	478.27	482.61												
880	Amps	4.83	4.83	4.82	4.86	5.48	5.47	5.46	5.51	6.20	6.19	6.18	6.23	6.97	6.97	6.96	7.01	7.84	7.84	7.83	7.88	8.86	8.86	8.85	8.90												
	Power	1,242	1,241	1,239	1,250	1,391	1,389	1,387	1,398	1,556	1,555	1,552	1,564	1,735	1,734	1,731	1,743	1,935	1,934	1,931	1,943	2,170	2,169	2,166	2,178												
	MBh	23,502	23,824	24,505	25,545	23,298	23,620	24,301	25,341	22,703	23,025	23,706	24,746	21,679	22,001	22,682	23,722	20,428	20,750	21,431	22,471	19,286	19,608	20,288	21,328												
	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	0.73													
	ΔT	24.69	22.95	19.71	16.35	24.64	22.91	19.66	16.30	24.89	23.15	19.91	16.54	24.63	22.89	19.64	16.28	24.39	22.66	19.41	16.05	25.48	23.74	20.50	17.14												
	Pr Suc	130.07	131.63	134.84	140.20	137.74	139.30	142.51	147.87	144.45	146.01	149.22	154.59	150.13	151.69	154.90	160.26	155.70	157.26	160.47	165.84	162.68	164.24	167.45	172.81												
85	Pr Dis	253.48	254.56	256.31	260.65	292.77	293.86	295.61	299.95	333.95	335.03	336.78	341.12	378.28	379.36	381.11	385.45	426.07	427.15	428.91	433.25	477.08	478.16	479.91	484.25												
	Amps	4.85	4.85	4.84	4.89	5.50	5.49	5.48	5.53	6.22	6.21	6.20	6.25	7.00	6.99	6.98	7.03	7.87	7.86	7.85	7.90	8.89	8.88	8.87	8.92												
	Power	1,248	1,246	1,244	1,255	1,396	1,395	1,392	1,403	1,561	1,560	1,558	1,569	1,740	1,739	1,737	1,748	1,940	1,939	1,937	1,948	2,175	2,174	2,171	2,183												
	MBh	23,360	23,682	24,363	25,403	23,156	23,478	24,159	25,199	22,561	22,883	23,564	24,604	21,538	21,859	22,540	23,580	20,286	20,608	21,289	22,329	19,144	19,466	20,147	21,187												
	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	0.71	0.57	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												
720	Pr Suc	128.85	130.40	133.61	138.98	136.51	138.07	141.28	146.65	143.23	144.79	147.99	153.36	148.91	150.46	153.67	159.04	154.48	156.03	159.24	164.61	161.45	163.01	166.22	171.59												
	Pr Dis	251.33	252.41	254.16	258.50	290.62	291.70	293.46	297.80	331.79	332.87	334.63	338.97	376.13	377.21	378.96	383.30	423.92	425.00	426.75	431.10	474.93	476.01	477.76	482.10												
	Amps	4.82	4.81	4.80	4.85	5.46	5.46	5.45	5.50	6.18	6.18	6.17	6.22	6.96	6.96	6.94	6.99	7.83	7.83	7.81	7.86	8.85	8.85	8.83	8.88												
	Power	1,239	1,238	1,235	1,247	1,387	1,386	1,384	1,395	1,553	1,552	1,549	1,560	1,732	1,731	1,728	1,740	1,932	1,931	1,928	1,940	2,167	2,166	2,163	2,174												
	MBh	23,604	23,926	24,607	25,647	23,400	23,722	24,403	25,443	22,805	23,127	23,808	24,848	21,781	22,103	22,784	23,824	20,530	20,852	21,533	22,572	19,388	19,709	20,390	21,430												
	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	0.75	0.61	1.00	1.00	0.80													
800	ΔT	28.82	27.08	23.84	20.48	28.77	27.04	23.79	20.43	29.02	27.28	24.03	20.67	28.76	27.02	23.77	20.41	28.52	26.79	23.54	20.18	29.61	27.87	24.63	21.27												
	Pr Suc	130.34	131.90	135.11	140.47	138.01	139.56	142.77	148.14	144.72	146.28	149.49	154.85	150.40	151.96	155.16	160.53	155.97	157.53	160.74	166.10	162.95	164.50	167.71	173.08												
	Pr Dis	253.01	254.09	255.84	260.18	292.30	293.39	295.14	299.48	333.48	334.56	336.31	340.65	377.81	378.89	380.64	384.98	425.60	426.68	428.44	432.78	476.61	477.69	479.44	483.78												
	Amps	4.84	4.84	4.83	4.88	5.49	5.48	5.47	5.52	6.21	6.20	6.19	6.24	6.99	6.98	6.97	7.02	7.86	7.85	7.84	7.89	8.88	8.87	8.86	8.91												
	Power	1,245	1,244	1,241	1,253	1,393	1,392	1,390	1,401	1,559	1,558	1,555	1,566	1,738	1,737	1,734	1,746	1,938	1,937	1,934	1,946	2,173	2,172	2,169	2,180												
	MBh	23,886	24,208	24,889	25,929	23,682	24,004	24,685	25,725	23,087	23,409	24,090	25,130	22,063	22,385	23,066	24,106	20,812	21,134	21,815	22,855	19,670	19,992	20,672	21,712												
880	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	0.78	0.64	1.00	1.00	0.83													
	ΔT	28.10	26.37	23.12	19.76	28.06	26.32	23.07	19.71	28.30	26.56	23.32	19.96	28.04	26.30	23.06	19.69	27.81	26.07	22.82	19.46	28.89	27.16	23.91	20.55												
	Pr Suc	131.96	133.52	136.73	142.09	139.63	141.19	144.39	149.76	146.34	147.90	151.11	156.48	152.02	153.58	156.79	162.15	157.59	159.15	162.36	167.72	164.57	166.13	169.33	174.70												
	Pr Dis	254.65	255.73	257.48	261.82	293.95	295.03	296.78	301.12																												

		OUTDOOR AMBIENT TEMPERATURE												115																																																									
		65						75						85						95						105						115																																							
		ENTERING INDOOR WET BULB TEMPERATURE																																																																					
ID	DB	Air	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																							
560																																																																							
70																																																																							
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560																																																																							
620																																																																							

		OUTDOOR AMBIENT TEMPERATURE										105										115									
		65					75					85					95					105					115				
ID DB	AIR	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
		ENTERING INDOOR WET BULB TEMPERATURE																													
560	ID WB	16,525	16,757	17,246	17,994	16,379	16,610	17,100	17,847	15,951	16,182	16,672	17,419	15,215	15,446	15,936	16,683	14,315	14,546	15,036	15,784	13,494	13,725	14,215	14,962						
	S/T	1.00	0.83	0.69	0.54	1.00	0.84	0.70	0.55	1.00	0.73	0.58	1.00	0.75	0.60	0.75	0.60	1.00	0.77	0.62	1.00	0.62	1.00	0.67	1.00	0.67					
	ΔT	25.29	23.61	20.48	17.23	25.24	23.56	20.43	17.19	25.48	23.80	20.67	17.42	25.22	23.55	20.41	17.17	25.00	23.32	20.19	16.95	26.05	24.37	21.24	18.00						
	Pr Suc	130.56	132.16	135.46	140.98	138.44	140.04	143.34	148.86	145.35	146.95	150.24	155.76	151.18	152.78	156.08	161.60	156.91	158.51	161.81	167.32	164.08	165.68	168.98	174.50						
	Pr Dis	239.20	240.23	241.91	246.06	276.77	277.80	279.48	283.63	316.13	317.16	318.84	322.99	358.51	359.54	361.22	365.37	404.20	405.24	406.91	411.06	452.97	454.00	455.67	459.82						
620	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						
	MBh	16,695	16,927	17,416	18,164	16,549	16,780	17,270	18,017	16,121	16,352	16,842	17,589	15,385	15,616	16,106	16,853	14,485	14,716	15,206	15,954	13,664	13,895	14,385	15,132						
	S/T	1.00	0.88	0.74	0.59	1.00	0.89	0.75	0.60	1.00	0.77	0.62	1.00	0.77	0.62	1.00	0.79	0.64	1.00	0.82	0.67	1.00	0.82	0.67	1.00	0.72					
	ΔT	24.52	22.84	19.71	16.47	24.47	22.80	19.67	16.42	24.71	23.03	19.90	16.66	24.46	22.78	19.65	16.40	24.23	22.56	19.42	16.18	25.28	23.61	20.47	17.23						
680	Pr Suc	132.05	133.65	136.95	142.46	139.93	141.53	144.83	150.35	146.83	148.43	151.73	157.25	152.67	154.27	157.57	163.08	158.40	160.00	163.30	168.81	165.57	167.17	170.47	175.98						
	Pr Dis	240.75	241.79	243.46	247.61	278.32	279.36	281.03	285.18	317.68	318.72	320.39	324.54	360.06	361.10	362.77	366.92	405.76	406.79	408.46	412.61	454.52	455.55	457.23	461.38						
	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						
	MBh	16,891	17,123	17,612	18,360	16,744	16,976	17,465	18,213	16,317	16,548	17,038	17,785	15,580	15,812	16,301	17,049	14,681	14,912	15,402	16,149	13,859	14,091	14,580	15,328						
680	S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.80	0.65	1.00	0.82	0.67	1.00	0.82	0.67	1.00	0.84	0.70	1.00	0.84	0.70	1.00	0.75					
	ΔT	23.85	22.17	19.04	15.80	23.80	22.13	19.00	15.75	24.04	22.36	19.23	15.99	23.79	22.11	18.98	15.73	23.56	21.88	18.75	15.51	24.61	22.93	19.80	16.56						
	Pr Suc	133.66	135.26	138.56	144.07	141.54	143.14	146.44	151.96	148.44	150.04	153.34	158.86	154.28	155.88	159.18	164.69	160.01	161.61	164.91	170.42	167.18	168.78	172.08	177.59						
	Pr Dis	242.27	243.31	244.98	249.13	279.84	280.87	282.55	286.70	319.20	320.23	321.91	326.06	361.58	362.61	364.29	368.44	407.28	408.31	409.98	414.13	456.04	457.07	458.75	462.90						
	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						
85	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						
	MBh	16,801	17,033	17,522	18,270	16,655	16,886	17,376	18,123	16,227	16,458	16,948	17,696	15,491	15,722	16,212	16,959	14,591	14,823	15,312	16,060	13,770	14,001	14,491	15,238						
	S/T	1.00	0.94	0.80	0.65	1.00	0.95	0.81	0.66	1.00	0.87	0.73	0.58	1.00	0.85	0.70	0.53	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.58						
	ΔT	28.58	26.90	23.77	20.53	28.53	26.86	23.72	20.48	28.77	27.09	23.96	20.72	28.51	26.84	23.71	20.46	28.29	26.61	23.48	20.24	29.34	27.66	24.53	21.29						
	Pr Suc	132.50	134.10	137.40	142.92	140.38	141.98	145.28	150.80	147.29	148.89	152.19	157.70	153.12	154.72	158.02	163.54	158.85	160.45	163.75	169.27	166.02	167.62	170.92	176.44						
620	Pr Dis	240.32	241.35	243.03	247.18	277.89	278.92	280.60	284.75	317.25	318.28	319.96	324.11	359.63	360.66	362.34	366.49	405.32	406.36	408.03	412.18	454.09	455.12	456.79	460.94						
	Amps	3.03	3.03	3.02	3.05	3.44	3.43	3.43	3.46	3.89	3.89	3.88	3.91	4.38	4.38	4.37	4.40	4.93	4.92	4.92	4.95	5.57	5.56	5.56	5.59						
	Power	780	779	777	784	873	872	870	878	977	976	975	982	1,089	1,089	1,087	1,094	1,215	1,215	1,213	1,220	1,363	1,362	1,361	1,368						
	MBh	16,971	17,203	17,692	18,440	16,825	17,056	17,546	18,293	16,397	16,628	17,118	17,865	15,661	15,892	16,382	17,129	14,761	14,992	15,482	16,230	13,940	14,171	14,661	15,408						
	S/T	1.00	1.00	0.84	0.70	1.00	1.00	0.85	0.70	1.00	0.88	0.73	0.58	1.00	0.90	0.78	0.60	1.00	0.88	0.73	0.58	1.00	0.88	0.73	0.58	0.83					
680	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	133.99	135.59	138.89	144.41	141.87	143.47	146.77	152.29	148.77	150.38	153.67	159.19	154.61	156.21	159.51	165.03	160.34	161.94	165.24	170.75	167.51	169.11	172.41	177.93						
	Pr Dis	241.87	242.91	244.58	248.73	279.44	280.48	282.15	286.30	318.80	319.83	321.51	325.66	361.18	362.22	363.89	368.04	406.88	407.91	409.58	413.73	455.64	456.67	458.35	462.50						
	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	MBh	17,167	17,399	17,888	18,636	17,021	17,252	17,742	18,489	16,593	16,824	17,314	18,061	15,857	16,088	16,577	17,325	14,957	15,188	15,678	16,426	14,136	14,367	14,856	15,604						
	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	0.90	0.78	1.00	1.00	0.80	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																														

		OUTDOOR AMBIENT TEMPERATURE												115																					
		65						75						85						95						105						115			
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
ENTERING INDOOR WET BULB TEMPERATURE																																			
70	1130	MBh	34,257	34,740	35,761	---	33,951	34,434	35,455	---	33,058	33,541	34,562	---	31,523	32,005	33,027	---	29,646	30,128	31,150	---	27,932	28,415	29,436	---	---	---	---	---	---				
		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	124.48	126.02	129.18	---	132.04	133.57	136.74	---	138.66	140.19	143.35	---	144.25	145.79	148.95	---	149.74	151.28	154.44	---	156.62	158.15	161.31	---	---	---	---	---	---				
		Pr Dis	274.24	275.43	277.35	---	317.45	318.63	320.56	---	362.71	363.90	365.83	---	411.46	412.64	414.57	---	464.01	465.20	467.12	---	520.09	521.28	523.20	---	---	---	---	---	---				
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	---	---	---	---	---	---					
70	1260	MBh	34,633	35,116	36,137	---	34,327	34,810	35,831	---	33,435	33,917	34,939	---	31,899	32,382	33,403	---	30,022	30,505	31,526	---	28,308	28,791	29,812	---	---	---	---	---	---				
		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	126.00	127.54	130.70	---	133.56	135.09	138.25	---	140.17	141.71	144.87	---	145.77	147.30	150.46	---	151.26	152.79	155.96	---	158.13	159.67	162.83	---	---	---	---	---	---				
		Pr Dis	276.15	277.33	279.26	---	319.35	320.54	322.47	---	364.62	365.81	367.73	---	413.36	414.55	416.48	---	465.92	467.10	469.03	---	522.00	523.19	525.11	---	---	---	---	---	---				
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	---	---	---	---	---	---					
1390		MBh	35,071	35,554	36,575	---	34,765	35,248	36,269	---	33,872	34,355	35,376	---	32,337	32,819	33,841	---	30,460	30,943	31,964	---	28,746	29,229	30,250	---	---	---	---	---	---				
		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	127.65	129.19	132.35	---	135.21	136.74	139.90	---	141.83	143.36	146.52	---	147.42	148.95	152.12	---	152.91	154.44	157.61	---	159.78	161.32	164.48	---	---	---	---	---	---				
		Pr Dis	278.01	279.20	281.12	---	321.22	322.40	324.33	---	366.48	367.67	369.60	---	415.22	416.41	418.34	---	467.78	468.97	470.89	---	523.86	525.05	526.97	---	---	---	---	---	---				
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	1130	MBh	34,277	34,760	35,781	37,341	33,971	34,454	35,475	37,035	33,078	33,561	34,582	36,142	31,542	32,025	33,046	34,606	29,666	30,148	31,170	32,729	27,952	28,435	29,456	31,016
		S/T	0.80	0.72	0.58	0.42	0.81	0.73	0.58	0.43	1.00	0.76	0.61	0.46	1.00	0.78	0.63	0.48	1.00	0.80	0.66	0.50	1.00	1.00	0.71	0.56
		ΔT	22.17	20.45	17.24	13.92	22.12	20.40	17.19	13.87	22.36	20.65	17.44	14.11	22.10	20.39	17.18	13.85	21.88	20.16	16.95	13.62	22.95	21.23	18.02	14.70
		Pr Suc	124.51	126.05	129.21	134.50	132.07	133.60	136.77	142.05	138.69	140.22	143.38	148.67	144.28	145.81	148.98	154.26	149.77	151.31	154.47	159.76	156.65	158.18	161.34	166.63
		Pr Dis	274.48	275.67	277.59	282.37	317.69	318.88	320.80	325.57	362.95	364.14	366.07	370.84	411.70	412.88	414.81	419.58	464.25	465.44	467.36	472.14	520.33	521.52	523.45	528.22
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	
75	1260	MBh	34,653	35,136	36,157	37,717	34,347	34,830	35,851	37,411	33,454	33,937	34,958	36,518	31,919	32,402	33,423	34,983	30,042	30,525	31,546	33,106	28,328	28,811	29,832	31,392
		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	126.03	127.57	130.73	136.02	133.59	135.12	138.28	143.57	140.20	141.74	144.90	150.19	145.80	147.33	150.49	155.78	151.29	152.82	155.98	161.27	158.16	159.70	162.86	168.15
		Pr Dis	276.39	277.58	279.50	284.27	319.60	320.78	322.71	327.48	364.86	366.05	367.98	372.75	413.61	414.79	416.72	421.49	466.16	467.35	469.27	474.04	522.24	523.43	525.35	530.13
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	11.75	11.73	11.83	13.32	13.30	13.29	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	
1390		MBh	35,091	35,574	36,595	38,155	34,785	35,268	36,289	37,849	33,892	34,375	35,396	36,956	32,357	32,839	33,861	35,420	30,480	30,962	31,984	33,543	28,766	29,249	30,270	31,830
		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	127.68	129.22	132.38	137.67	135.24	136.77	139.93	145.22	141.85	143.39	146.55	151.84	147.45	148.98	152.14	157.43	152.94	154.47	157.64	162.92	159.81	161.35	164.51	169.80
		Pr Dis	278.25	279.44	281.36	286.14	321.46	322.65	324.57	329.34	366.72	367.91	369.84	374.61	415.47	416.65	418.58	423.35	468.02	469.21	471.13	475.91	524.10	525.29	527.22	531.99
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	11.8									

		OUTDOOR AMBIENT TEMPERATURE												115													
		95												105													
		85												75													
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																									
80	1130	MBh	34,454	34,937	35,958	37,518	34,148	34,631	35,652	37,212	33,255	33,738	34,759	36,319	31,720	32,202	33,224	34,783	29,843	30,325	31,347	32,906	28,129	28,612	29,633	31,193	
		S/T	1.00	0.86	0.71	0.56	1.00	0.86	0.72	0.56	1.00	0.89	0.75	0.59	1.00	1.00	0.77	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.85	0.69	
		ΔT	25.97	24.26	21.05	17.72	25.93	24.21	21.00	17.67	26.17	24.45	21.24	17.92	25.91	24.19	20.98	17.66	25.68	23.96	20.75	17.43	26.76	25.04	21.83	18.50	
		Pr Suc	125.06	126.60	129.76	135.05	132.62	134.15	137.31	142.60	139.24	140.77	143.93	149.22	144.83	146.36	149.53	154.81	150.32	151.85	155.02	160.30	157.19	158.73	161.89	167.18	
		Pr Dis	274.98	276.17	278.10	282.87	318.19	319.38	321.31	326.08	363.46	364.65	366.57	371.34	412.20	413.39	415.31	420.09	464.75	465.94	467.87	472.64	520.84	522.02	523.95	528.72	
		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	
80	1260	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	
		MBh	34,830	35,313	36,334	37,894	34,524	35,007	36,028	37,588	33,632	34,114	35,136	36,695	32,096	32,579	33,600	35,160	30,219	30,702	31,723	33,283	28,505	28,988	30,009	31,569	
		S/T	1.00	0.91	0.76	0.61	1.00	0.92	0.77	0.62	1.00	0.94	0.80	0.64	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.90	0.74	
		ΔT	25.13	23.41	20.20	16.88	25.09	23.37	20.16	16.83	23.61	25.33	23.61	20.40	17.07	25.07	23.35	20.14	16.81	24.84	23.12	19.91	16.59	25.92	24.20	20.99	17.66
		Pr Suc	126.58	128.11	131.28	136.56	134.14	135.67	138.83	144.12	140.75	142.29	145.45	150.74	146.35	147.88	151.04	156.33	151.84	153.37	156.53	161.82	158.71	160.25	163.41	168.70	
		Pr Dis	276.89	278.08	280.01	284.78	320.10	321.29	323.21	327.99	365.37	366.55	368.48	373.25	414.11	415.30	417.22	422.00	466.66	467.85	469.78	474.55	522.74	523.93	525.86	530.63	
1390	1390	Amps	7.95	7.94	7.92	8.01	9.10	9.09	9.07	9.16	10.39	10.38	10.36	10.45	11.78	11.77	11.75	11.84	13.34	13.33	13.31	13.40	15.16	15.15	15.13	15.22	
		Power	2,045	2,043	2,039	2,059	2,310	2,308	2,304	2,324	2,606	2,604	2,600	2,620	2,927	2,924	2,920	2,940	3,284	3,282	3,278	3,298	3,704	3,702	3,697	3,718	
		MBh	35,268	35,751	36,772	38,332	34,962	35,445	36,466	38,026	34,069	34,552	35,573	37,133	32,534	33,016	34,038	35,597	30,657	31,140	32,161	33,721	28,943	29,426	30,447	32,007	
		S/T	1.00	0.94	0.79	0.64	1.00	0.95	0.80	0.65	1.00	0.97	0.83	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.93	0.77	
		ΔT	24.40	22.68	19.47	16.15	24.36	22.64	19.43	16.10	24.60	22.88	19.67	16.34	24.34	22.62	19.41	16.08	24.11	22.39	19.18	15.86	25.18	23.47	20.26	16.93	
		Pr Suc	128.23	129.77	132.93	138.22	135.79	137.32	140.48	145.77	142.40	143.94	147.10	152.39	148.00	149.53	152.69	157.98	153.49	155.02	158.18	163.47	160.36	161.90	165.06	170.35	
85	1130	Pr Dis	278.75	279.94	281.87	286.64	321.96	323.15	325.08	329.85	367.23	368.42	370.34	375.11	415.97	417.16	419.08	423.86	468.52	469.71	471.64	476.41	524.61	525.79	527.72	532.49	
		Amps	7.99	7.98	7.96	8.05	9.14	9.13	9.12	9.20	10.43	10.42	10.40	10.49	11.82	11.81	11.79	11.88	13.38	13.37	13.35	13.44	15.20	15.19	15.17	15.26	
		Power	2,055	2,053	2,048	2,069	2,320	2,318	2,313	2,334	2,616	2,614	2,609	2,630	2,936	2,934	2,930	2,950	3,294	3,292	3,287	3,308	3,714	3,712	3,707	3,727	
		MBh	35,030	35,513	36,534	38,094	34,724	35,207	36,228	37,788	33,831	34,314	35,335	36,895	32,296	32,778	33,800	35,359	30,419	30,901	31,923	33,482	28,705	29,188	30,209	31,769	
		S/T	1.00	0.97	0.82	0.67	1.00	1.00	0.83	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.72	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.80	
		ΔT	29.35	27.63	24.42	21.10	29.30	27.58	24.37	21.05	29.54	27.83	24.62	21.29	29.28	27.57	24.36	21.03	29.06	27.34	24.13	20.80	30.13	28.41	25.20	21.88	
85	1260	Pr Suc	126.92	128.46	131.62	136.91	134.48	136.01	139.18	144.46	141.10	142.63	145.79	151.08	146.69	148.22	151.39	156.67	152.18	153.72	156.88	162.17	159.06	160.59	163.75	169.04	
		Pr Dis	276.27	277.46	279.38	284.16	319.48	320.67	322.59	327.37	364.75	365.93	367.86	372.63	413.49	414.68	416.60	421.38	466.04	467.23	469.15	473.93	522.12	523.31	525.24	530.01	
		Amps	7.92	7.91	7.89	7.98	9.08	9.07	9.05	9.14	10.36	10.35	10.33	10.42	11.75	11.75	11.73	11.81	13.31	13.30	13.28	13.37	15.13	15.13	15.11	15.19	
		Power	2,039	2,037	2,033	2,053	2,304	2,302	2,298	2,318	2,600	2,598	2,594	2,614	2,920	2,918	2,914	2,934	3,278	3,276	3,272	3,292	3,698	3,696	3,691	3,712	
		MBh	35,406	35,889	36,910	38,470	35,100	35,583	36,604	38,164	34,208	34,690	35,712	37,271	32,672	33,155	34,176	35,736	30,795	31,278	32,299	33,859	29,081	29,564	30,585	32,145	
		S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.72	1.00	1.00	0.91	0.75	1.00	1.00	0.93	0.77	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85	
85	1390	ΔT	28.51	26.79	23.58	20.25	28.46	26.74	23.53	20.21	28.70	26.98	23.77	20.45	28.44	26.72	23.51	20.19	28.21	26.49	23.29	19.96	29.29	27.57	24.36	21.04	
		Pr Suc	128.44	129.98	133.14	138.43	136.00	137.53	140.69	145.98	142.61	144.15	147.31	152.60	148.21	149.74	152.90	158.19	153.70	155.23	158.39	163.68	160.57	162.11	165.27	170.56	
		Pr Dis	278.18	279.37	281.29	286.07	321.39	322.58	324.50	329.27	366.65	367.84	369.77	374.54	415.40	416.58	418.51	423.28	467.95	469.14	471.06	475.84	524.03	525.22	527.15	531.92	
		Amps	7.97	7.96	7.94	8.03	9.12	9.12	9.10	9.18	10.41	10.40	10.38	10.47	11.80	11.79	11.77	11.86	13.36	13.35	13.33	13.42	15.18	15.17	15.15	15.24	
		Power	2,050	2,048	2,044	2,064	2,316	2,313	2,309	2,329	2,611	2,609	2,605	2,625	2,932	2,930	2,925	2,945	3,289	3,287	3,283	3,303	3,709	3,707	3,702	3,723	
		MBh	35,844	36,327	37,348	38,908	35,538	36,021	37,042	38,602	34,645	35,128	36,149	37,709	33,110	33,592	34,614	36,173	31,233	31,716	32,737	34,297	29,519	30,002	31,023	32,583	
85	1390	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	0.83	1.00	1.00	1.00	0.88		
		ΔT	27.78	26.06	22.85	19.52	27.73	26.01	22.80	19.48	27.97	26.25	23.04	19.72	27.71	25.99	22.78	19.46	27.48	25.76	22.56	19.23	28.56	26.84	23.63	20.31	
		Pr Suc	130.09	131.63	134.79	140.08	137.65	139.18	142.34	147.63	144.26	145.80	148.96	154.25	149.86	151.39	154.56	159.84	155.35	156.88	160.05	165.33	162.22	163.76	166.92	172.21	
		Pr Dis	280.04	281.23	283.15	287.93	323.25	324.44	326.36	331.14	368.52	369.70	371.63	376.40	417.26	418.45	420.37	425.15	469.81	471.00	472.92	477.70	525.89	527.08	529.01	533.78	
		Amps	8.01	8.00	7.98	8.07	9.17	9.16	9.14	9.23	10.45	10.44	10.42	10.51	11.84	11.84	11.82	11.90	13.40	13.39	13.37	13.46	15.22	15.22	15.20	15.28	
		Power	2,060	2,058	2,054	2,074	2,325	2,323	2,319	2,339	2,621	2,619	2,614	2,635	2,941	2,939	2,935	2,955	3,299	3,297	3,292	3,313	3,719	3,717	3,712	3,732	
DB** : Entering Indoor Dry Bulb Temperature		Shaded area reflects AHRI conditions.																								kW = Total system power	
High and low pressures are measured at the liquid and suction service valves</																											

		OUTDOOR AMBIENT TEMPERATURE																																															
		65								75								85								95								105								115							
		ID	DB	AIR	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71															
		870	ENTERING INDOOR WET BULB TEMPERATURE																																														
70		MBh	24,631	24,978	25,712	---	24,411	24,758	25,492	---	23,769	24,116	24,851	---	22,665	23,012	23,746	---	21,315	21,663	22,397	---	20,083	20,431	21,165	---																							
		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	127.97	129.55	132.80	---	135.74	137.32	140.57	---	142.54	144.12	147.37	---	148.29	149.87	153.12	---	153.94	155.51	158.76	---	161.00	162.58	165.83	---																							
		Pr Dis	262.17	263.31	265.15	---	303.48	304.62	306.46	---	346.75	347.89	349.73	---	393.35	394.49	396.33	---	443.59	444.73	446.57	---	497.21	498.34	500.18	---																							
70		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	---																							
		MBh	24,901	25,248	25,983	---	24,681	25,028	25,763	---	24,039	24,387	25,121	---	22,935	23,282	24,017	---	21,586	21,933	22,667	---	20,354	20,701	21,435	---																							
		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	---																							
970		Pr Suc	129.53	131.11	134.36	---	137.30	138.87	142.12	---	144.10	145.68	148.93	---	149.85	151.43	154.68	---	155.49	157.07	160.32	---	162.56	164.14	167.39	---																							
		Pr Dis	264.00	265.13	266.97	---	305.30	306.44	308.28	---	348.58	349.71	351.55	---	395.18	396.31	398.15	---	445.42	446.55	448.39	---	499.03	500.17	502.01	---																							
		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	---																							
		MBh	25,216	25,563	26,297	---	24,996	25,343	26,077	---	24,354	24,701	25,435	---	23,250	23,597	24,331	---	21,900	22,247	22,982	---	20,668	21,015	21,750	---																							
1070		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	131.23	132.80	136.05	---	138.99	140.57	143.82	---	145.79	147.37	150.62	---	151.55	153.12	156.37	---	157.19	158.77	162.02	---	164.26	165.83	169.08	---																							
		Pr Dis	265.77	266.91	268.75	---	307.08	308.22	310.06	---	350.36	351.49	353.33	---	396.95	398.09	399.93	---	447.19	448.33	450.17	---	500.81	501.94	503.79	---																							
		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	---																							
75		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	---																							
		MBh	24,645	24,992	25,727	26,848	24,425	24,772	25,507	26,628	23,783	24,131	24,865	25,986	22,679	23,026	23,761	24,882	21,330	21,677	22,411	23,533	20,098	20,445	21,179	22,301																							
		S/T	0.83	0.74	0.59	0.43	1.00	0.75	0.60	0.44	1.00	0.78	0.63	0.47	1.00	0.80	0.65	0.49	1.00	1.00	0.67	0.51	1.00	1.00	0.73	0.57																							
		ΔT	21.39	19.73	16.64	13.43	21.35	19.69	16.59	13.38	21.58	19.92	16.82	13.62	21.33	19.67	16.57	13.37	21.11	19.45	16.35	13.14	22.15	20.49	17.39	14.18																							
		Pr Suc	128.00	129.58	132.83	138.27	135.77	137.35	140.60	146.03	142.57	144.15	147.40	152.83	148.32	149.90	153.15	158.59	153.97	155.54	158.79	164.23	161.03	162.61	165.86	171.30																							
970		Pr Dis	262.40	263.54	265.38	269.94	303.71	304.85	306.69	311.25	346.99	348.12	349.96	354.53	393.58	394.72	396.56	401.12	443.82	444.96	446.80	451.36	497.44	498.58	500.42	504.98																							
		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																							
		MBh	24,916	25,263	25,997	27,118	24,696	25,043	25,777	26,898	24,054	24,401	25,135	26,257	22,950	23,297	24,031	25,152	21,600	21,947	22,681	23,803	20,368	20,715	21,449	22,571																							
		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																							
1070		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	129.56	131.14	134.39	139.82	137.33	138.90	142.15	147.59	144.13	145.71	148.96	154.39	149.88	151.46	154.71	160.14	155.52	157.10	160.35	165.79	162.59	164.17	167.42	172.86																							
		Pr Dis	264.23	265.36	267.20	271.77	305.53	306.67	308.51	313.07	348.81	349.94	351.78	356.35	395.41	396.54	398.38	402.95	445.65	446.78	448.62	453.19	499.26	500.40	502.24	506.80																							
		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																							
75		MBh	25,230	25,577	26,311	27,433	25,010	25,357	26,091	27,213	24,368	24,715	25,450	26,571	23,264	23,611	24,345	25,467	21,915	22,262	22,996	24,117	20,683	21,030	21,764	22,885																							
		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	131.26	132.83	136.08	141.52	139.02	140.60	143.85	149.29	145.83	147.40	150.65	156.09	151.58	153.15	156.40	161.84	157.22	158.80	162.05	167.48	164.29</																										

		OUTDOOR AMBIENT TEMPERATURE												105												115											
		85												95																							
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71											
		ENTERING INDOOR WET BULB TEMPERATURE																																			
870		MBh	24,773	25,120	25,854	26,976	24,553	24,900	25,634	26,755	23,911	24,258	24,992	26,114	22,807	23,154	23,888	25,009	21,457	21,804	22,538	23,660	20,225	20,572	21,306	22,428											
		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	128.57	130.14	133.39	138.83	136.33	137.91	141.16	146.60	143.13	144.71	147.96	153.40	148.89	150.46	153.71	159.15	154.53	156.11	159.36	164.79	161.60	163.17	166.43	171.86											
		Pr Dis	262.89	264.02	265.86	270.43	304.19	305.33	307.17	311.73	347.47	348.60	350.44	355.01	394.07	395.20	397.04	401.61	444.31	445.44	447.28	451.85	497.92	499.06	500.90	505.46											
	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		MBh	25,043	25,390	26,124	27,246	24,823	25,170	25,904	27,026	24,181	24,528	25,262	26,384	23,077	23,424	24,158	25,280	21,727	22,075	22,809	23,930	20,495	20,843	21,577	22,698											
		S/T	1.00	0.93	0.78	0.63	1.00	0.94	0.79	0.63	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.68	1.00	1.00	0.86	0.71	1.00	1.00	1.00	0.76											
		ΔT	24.25	22.59	19.50	16.29	24.21	22.55	19.45	16.24	24.44	22.78	19.69	16.48	24.19	22.53	19.44	16.23	23.97	22.31	19.21	16.00	25.01	23.35	20.25	17.04											
		Pr Suc	130.12	131.70	134.95	140.39	137.89	139.47	142.72	148.15	144.69	146.27	149.52	154.96	150.44	152.02	155.27	160.71	156.09	157.67	160.92	166.35	163.16	164.73	167.98	173.42											
		Pr Dis	264.71	265.84	267.68	272.25	306.02	307.15	308.99	313.55	349.29	350.43	352.27	356.83	395.89	397.02	398.86	403.43	446.13	447.26	449.11	453.67	499.74	500.88	502.72	507.28											
	Amps	5.00	4.99	4.98	5.04	5.73	5.72	5.71	5.76	6.53	6.53	6.52	6.57	7.41	7.40	7.39	7.45	8.39	8.38	8.37	8.43	9.54	9.53	9.52	9.57												
	Power	1,287	1,285	1,282	1,295	1,453	1,452	1,449	1,462	1,639	1,638	1,635	1,648	1,841	1,839	1,837	1,849	2,066	2,064	2,062	2,074	2,330	2,328	2,326	2,338												
1070		MBh	25,357	25,705	26,439	27,560	25,137	25,485	26,219	27,340	24,496	24,843	25,577	26,699	23,391	23,739	24,473	25,594	22,042	22,389	23,123	24,245	20,810	21,157	21,891	23,013											
		S/T	1.00	0.97	0.82	0.66	1.00	0.97	0.82	0.66	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.71	1.00	1.00	0.90	0.74	1.00	1.00	1.00	0.80											
		ΔT	23.55	21.89	18.79	15.58	23.50	21.85	18.75	15.54	23.74	22.08	18.98	15.77	23.49	21.83	18.73	15.52	23.27	21.61	18.51	15.30	24.30	22.65	19.55	16.34											
		Pr Suc	131.82	133.40	136.65	142.08	139.59	141.16	144.41	149.85	146.39	147.97	151.22	156.65	152.14	153.72	156.97	162.40	157.78	159.36	162.61	168.05	164.85	166.43	169.68	175.12											
		Pr Dis	266.49	267.62	269.46	274.03	307.79	308.93	310.77	315.33	351.07	352.20	354.05	358.61	397.67	398.80	400.64	405.21	447.91	449.04	450.88	455.45	501.52	502.66	504.50	509.06											
	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												
870		MBh	25,187	25,534	26,268	27,390	24,967	25,314	26,048	27,170	24,325	24,672	25,406	26,528	23,221	23,568	24,302	25,424	21,871	22,218	22,953	24,074	20,639	20,986	21,721	22,842											
		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	0.77	1.00	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	130.48	132.06	135.31	140.74	138.25	139.82	143.07	148.51	145.05	146.63	149.88	155.31	150.80	152.38	155.63	161.06	156.44	158.02	161.27	166.71	163.51	165.09	168.34	173.77											
		Pr Dis	264.12	265.25	267.09	271.66	305.42	306.56	308.40	312.96	348.70	349.83	351.68	356.24	395.30	396.43	398.27	402.84	445.54	446.67	448.51	453.08	499.15	500.29	502.13	506.69											
	Amps	4.98	4.98	4.97	5.02	5.71	5.70	5.69	5.75	6.52	6.51	6.50	6.56	7.39	7.39	7.38	7.43	8.37	8.37	8.35	8.41	9.52	9.51	9.50	9.56												
	Power	1,283	1,281	1,279	1,291	1,449	1,448	1,445	1,458	1,636	1,634	1,631	1,644	1,837	1,836	1,833	1,846	2,062	2,061	2,058	2,071	2,326	2,325	2,322	2,335												
970		MBh	25,457	25,804	26,538	27,660	25,237	25,584	26,318	27,440	24,595	24,942	25,677	26,798	23,491	23,838	24,572	25,694	22,142	22,489	23,223	24,344	20,910	21,257	21,991	23,112											
		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	0.82	1.00	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	132.04	133.62	136.87	142.30	139.80	141.38	144.63	150.07	146.61	148.18	151.43	156.87	152.36	153.94	157.19	162.62	158.00	159.58	162.83	168.27	165.07	166.65	169.90	175.33											
		Pr Dis	265.94	267.08	268.92	273.48	307.25	308.38	310.22	314.79	350.52	351.66	353.50	358.06	397.12	398.26	400.10	404.66	447.36	448.50	450.34	454.90	500.98	502.11	503.95	508.51											
	Amps	5.01	5.01	5.00	5.05	5.74	5.73	5.72	5.78	6.55	6.54	6.53	6.59	7.42	7.42	7.41	7.46	8.40	8.40	8.38	8.44	9.55	9.54	9.53	9.59												
	Power	1,290	1,288	1,286	1,298	1,456	1,455	1,452	1,465	1,643	1,641	1,638	1,651	1,844	1,843	1,840	1,853	2,069	2,068	2,065	2,078	2,333	2,332	2,329	2,342												
1070		MBh	25,772	26,119	26,853	27,974	25,552	25,899	26,633	27,754	24,910	25,257	25,991	27,113	23,806	24,153	24,887	26,008	22,456	22,803	23,537	24,659	21,224	21,571	22,305	23,427											
		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	0.98	0.83	1.00	1.00	0.85	1.00	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	133.73	135.31	138.56	144.00	141.50	143.08	146.33	151.76	148.30	149.88	153.13	158.57	154.05	155.63	158.88	164.32	159.70	161.28	164.53	169.96	166.77	168.34	171.59	177.03											
		Pr Dis	267.72	268.85	270.69	275.26	309.03	310.16	312.00	316.56	352.30	353.44	355.28	359.84	398.90	400.03	401.87	406.44	449.14	450.27	452.11	456.68	502.75	503.89	505.73	510.29											
	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																															

ID DB		Air		OUTDOOR AMBIENT TEMPERATURE																				115					
				65				75				85				95										105			
				ENTERING INDOOR WET BULB TEMPERATURE																									
ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
70	MBh	45.888	46.534	47.902	---	45.478	46.124	47.492	---	44.282	44.929	46.297	---	42.226	42.872	44.240	---	39.712	40.358	41.726	---	37.417	38.064	39.431	---				
	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	118.07	119.52	122.52	---	125.23	126.69	129.68	---	131.50	132.96	135.96	---	136.81	138.26	141.26	---	142.02	143.47	146.47	---	148.54	149.99	152.99	---				
	Pr Dis	271.56	272.73	274.64	---	314.34	315.51	317.42	---	359.16	360.33	362.24	---	407.42	408.59	410.50	---	459.45	460.63	462.53	---	514.98	516.15	518.06	---				
	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	---				
1380	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	---				
	MBh	46.384	47.030	48.398	---	45.974	46.621	47.988	---	44.778	45.425	46.793	---	42.722	43.368	44.736	---	40.208	40.855	42.222	---	37.913	38.560	39.927	---				
	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	119.48	120.94	123.93	---	126.65	128.10	131.10	---	132.92	134.38	137.37	---	138.22	139.68	142.68	---	143.43	144.89	147.88	---	149.95	151.41	154.40	---				
	Pr Dis	273.41	274.59	276.50	---	316.19	317.37	319.28	---	361.01	362.19	364.10	---	409.27	410.45	412.36	---	461.31	462.48	464.39	---	516.83	518.01	519.92	---				
1520	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	---				
	MBh	46.960	47.606	48.974	---	46.550	47.196	48.564	---	45.354	46.001	47.369	---	43.297	43.944	45.312	---	40.784	41.430	42.798	---	38.489	39.135	40.503	---				
	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	121.02	122.47	125.47	---	128.18	129.64	132.64	---	134.46	135.91	138.91	---	139.76	141.22	144.22	---	144.97	146.42	149.42	---	151.49	152.94	155.94	---				
75	Pr Dis	275.23	276.40	278.31	---	318.01	319.18	321.09	---	362.83	364.00	365.91	---	411.09	412.26	414.17	---	463.12	464.29	466.20	---	518.65	519.82	521.73	---				
	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	---				
	MBh	45.914	46.561	47.929	50.018	45.505	46.151	47.519	49.608	44.309	44.956	46.323	48.412	42.252	42.899	44.266	46.356	39.738	40.385	41.753	43.842	37.444	38.090	39.458	41.547				
	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				
1240	Pr Suc	118.09	119.55	122.55	127.56	125.26	126.71	129.71	134.73	131.53	132.99	135.99	141.00	136.84	138.29	141.29	146.31	142.04	143.50	146.50	151.51	148.56	150.02	153.02	158.03				
	Pr Dis	271.80	272.97	274.88	279.60	314.58	315.75	317.66	322.39	359.40	360.57	362.48	367.20	407.66	408.83	410.74	415.46	459.69	460.86	462.77	467.50	515.22	516.39	518.30	523.03				
	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				
	MBh	46.410	47.057	48.425	50.514	46.001	46.647	48.015	50.104	44.805	45.452	46.819	48.908	42.748	43.395	44.763	46.852	40.235	40.881	42.249	44.338	37.940	38.586	39.954	42.043				
	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				
1380	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	119.51	120.96	123.96	128.98	126.67	128.13	131.13	136.14	132.95	134.40	137.40	142.42	138.25	139.71	142.71	147.72	143.46	144.91	147.91	152.93	149.98	151.43	154.43	159.45				
	Pr Dis	273.65	274.83	276.74	281.46	316.43	317.61	319.52	324.24	361.25	362.43	364.34	369.06	409.51	410.69	412.60	417.32	461.55	462.72	464.63	469.35	517.07	518.25	520.16	524.88				
	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				
	MBh	46.986	47.633	49.001	51.090	46.576	47.223	48.591	50.680	45.381	46.028	47.395	49.484	43.324	43.971	45.338	47.427	40.810	41.457	42.825	44.914	38.516	39.162	40.530	42.619				
1520	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	121.05	122.50	125.50	130.52	128.21	129.67	132.67	137.68	134.49	135.94	138.94	143.95	139.79	141.25	144.24	149.26	145.00	146.45	149.45	154.47	151.52	152.97	155.97	160.98				
	Pr Dis	275.47	276.64	278.55	283.27	318.25	319.42	321.33	326.05	363.07	364.24	366.15	370.87	411.33	412.50	414.41	419.13	463.36	464.53	466.44	471.17	518.89	520.06	521.97	526.69				
	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				
DB*: Entering Indoor Dry Bulb Temperature																								kW = Total system power					
High and low pressures are measured at the liquid and suction service valves.																								Amps = outdoor unit amps					

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1240	MBh	46,152	46,798	48,166	50,255	45,742	46,388	47,756	49,845	44,546	45,193	46,561	48,650	42,489	43,136	44,504	46,593	39,976	40,622	41,990	44,079	37,681	38,327	39,695	41,784					
		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	0.87	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	118.61	120.07	123.07	128.08	125.78	127.23	130.23	135.25	132.05	133.51	136.51	141.52	137.36	138.81	141.81	146.83	142.56	144.02	147.02	152.03	149.08	150.54	153.54	158.55					
		Pr Dis	272.30	273.47	275.38	280.10	315.08	316.25	318.16	322.88	359.90	361.07	362.98	367.70	408.16	409.33	411.24	415.96	460.19	461.36	463.27	468.00	515.72	516.89	518.80	523.52					
		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	46,648	47,294	48,662	50,751	46,238	46,884	48,252	50,341	45,042	45,689	47,057	49,146	42,985	43,632	45,000	47,089	40,472	41,118	42,486	44,575	38,177	38,824	40,191	42,280					
		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	120.03	121.48	124.48	129.50	127.19	128.65	131.65	136.66	133.47	134.92	137.92	142.94	138.77	140.23	143.23	148.43	143.98	145.43	148.43	153.45	150.50	151.95	154.95	159.97					
		Pr Dis	274.15	275.33	277.23	281.96	316.93	318.11	320.02	324.74	361.75	362.93	364.83	369.56	410.01	411.19	413.09	417.82	462.04	463.22	465.13	469.85	517.57	518.75	520.66	525.38					
		Amps	10.57	10.56	10.53	10.65	12.16	12.14	12.12	12.24	13.92	13.91	13.89	14.01	15.84	15.83	15.80	15.92	17.98	17.97	17.94	18.06	20.49	20.47	20.45	20.57					
		Power	2,696	2,694	2,687	2,715	3,061	3,058	3,052	3,080	3,468	3,465	3,459	3,487	3,908	3,905	3,899	3,927	4,400	4,397	4,391	4,419	4,977	4,974	4,968	4,996					
1520		MBh	47,223	47,870	49,238	51,327	46,814	47,460	48,828	50,917	45,618	46,265	47,632	49,721	43,561	44,208	45,576	47,665	41,048	41,694	43,062	45,151	38,753	39,399	40,767	42,856					
		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	121.57	123.02	126.02	131.04	128.73	130.19	133.19	138.20	135.01	136.46	139.46	144.47	140.31	141.77	144.76	149.78	145.52	146.97	149.97	154.99	152.04	153.49	156.49	161.50					
		Pr Dis	275.96	277.14	279.05	283.77	318.75	319.92	321.83	326.55	363.56	364.74	366.65	371.37	411.82	413.00	414.91	419.63	463.86	465.03	466.94	471.67	519.39	520.56	522.47	527.19					
		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	46,923	47,570	48,937	51,026	46,513	47,160	48,527	50,616	45,318	45,964	47,332	49,421	43,261	43,907	45,275	47,364	40,747	41,394	42,761	44,850	38,452	39,099	40,467	42,556					
		S/T	1.00	0.88	0.75	0.61	1.00	0.89	0.76	0.62	1.00	0.91	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73					
		ΔT	32.33	30.44	26.90	23.24	32.28	30.39	26.85	23.18	32.55	30.65	27.12	23.45	32.26	30.37	26.83	23.16	32.01	30.11	26.58	22.91	33.20	31.30	27.76	24.10					
		Pr Suc	120.38	121.83	124.83	129.85	127.54	129.00	132.00	137.01	133.82	135.27	138.27	143.29	139.12	140.58	143.58	148.59	144.33	145.78	148.78	153.80	150.85	152.30	155.30	160.32					
		Pr Dis	273.57	274.75	276.65	281.38	316.35	317.53	319.43	324.16	361.17	362.35	364.25	368.98	409.43	410.61	412.51	417.24	461.46	462.64	464.55	469.27	516.99	518.17	520.07	524.80					
		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	47,419	48,066	49,433	51,522	47,009	47,656	49,023	51,113	45,814	46,460	47,828	49,917	43,757	44,404	45,771	47,860	41,243	41,890	43,257	45,347	38,948	39,595	40,963	43,052					
		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	121.80	123.25	126.25	131.26	128.96	130.41	133.41	138.43	135.23	136.69	139.69	144.70	140.54	141.99	144.99	150.01	145.75	147.20	150.20	155.21	152.26	153.72	156.72	161.73					
		Pr Dis	275.43	276.60	278.51	283.24	318.21	319.38	321.29	326.02	363.03	364.20	366.11	370.84	411.29	412.46	414.37	419.10	463.32	464.50	466.40	471.13	518.85	520.02	521.93	526.66					
		Amps	10.60	10.59	10.56	10.68	12.19	12.17	12.15	12.27	13.96	13.94	13.92	14.04	15.87	15.86	15.83	15.95	18.01	18.00	17.97	18.09	20.52	20.50	20.48	20.60					
		Power	2,703	2,701	2,694	2,722	3,068	3,065	3,059	3,087	3,475	3,472	3,466	3,493	3,915	3,912	3,906	3,934	4,407	4,404	4,398	4,426	4,984	4,981	4,975	5,003					
1520		MBh	47,995	48,641	50,009	52,098	47,585	48,232	49,599	51,688	46,390	47,036	48,404	50,493	44,333	44,979	46,347	48,436	41,819	42,466	43,833	45,922	39,524	40,171	41,538	43,627					
		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	123.33	124.79	127.79	132.80	130.50	131.95	134.95	139.97	136.77	138.23	141.23	146.24	142.08	143.53	146.53	151.54	147.28	148.74	151.74	156.75	153.80	155.26	158.26	163.27					
		Pr Dis	277.24	27																											

		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
ID DB	AIR	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
ENTERING INDOOR WET BULB TEMPERATURE																															
70	970	MBh	32,992	33,457	34,440	---	32,697	33,162	34,146	---	31,838	32,303	33,286	---	30,359	30,824	31,807	---	28,551	29,016	30,000	---	26,901	27,366	28,350	---	26,901	27,366	28,350	---	
		S/T	0.62	0.55	0.41	---	0.63	0.55	0.42	---	0.66	0.58	0.44	---	0.68	0.60	0.46	---	1.00	0.62	0.48	---	1.00	0.67	0.54	---	1.00	0.67	0.54	---	
		ΔT	19.55	17.72	14.31	---	19.50	17.67	14.26	---	19.76	17.93	14.51	---	19.48	17.65	14.24	---	19.24	17.41	13.99	---	20.38	18.55	15.14	---	20.38	18.55	15.14	---	
		Pr Suc	121.37	122.86	125.94	---	128.73	130.23	133.31	---	135.18	136.68	139.76	---	140.63	142.13	145.21	---	145.99	147.48	150.56	---	152.69	154.18	157.27	---	152.69	154.18	157.27	---	
		Pr Dis	259.60	260.73	262.55	---	300.50	301.62	303.45	---	343.35	344.47	346.29	---	389.48	390.61	392.43	---	439.23	440.35	442.17	---	492.31	493.44	495.26	---	492.31	493.44	495.26	---	
	Amps	6.61	6.60	6.58	---	7.61	7.60	7.58	---	8.72	8.71	8.69	---	9.92	9.91	9.90	---	11.27	11.26	11.24	---	12.85	12.84	12.82	---	12.85	12.84	12.82	---		
	Power	1,687	1,685	1,681	---	1,916	1,914	1,910	---	2,172	2,170	2,166	---	2,449	2,447	2,443	---	2,758	2,757	2,753	---	3,121	3,120	3,116	---	3,121	3,120	3,116	---		
70	1080	MBh	33,350	33,815	34,798	---	33,055	33,520	34,504	---	32,196	32,661	33,644	---	30,717	31,182	32,165	---	28,909	29,374	30,358	---	27,259	27,724	28,708	---	27,259	27,724	28,708	---	
		S/T	0.67	0.59	0.46	---	0.68	0.60	0.46	---	0.70	0.63	0.49	---	0.72	0.65	0.51	---	1.00	0.67	0.53	---	1.00	0.72	0.58	---	1.00	0.72	0.58	---	
		ΔT	18.67	16.84	13.42	---	18.62	16.79	13.37	---	18.87	17.04	13.63	---	18.60	16.77	13.35	---	18.35	16.52	13.11	---	19.50	17.67	14.26	---	19.50	17.67	14.26	---	
		Pr Suc	122.83	124.32	127.40	---	130.19	131.69	134.77	---	136.64	138.14	141.22	---	142.10	143.59	146.67	---	147.45	148.94	152.03	---	154.15	155.64	158.73	---	154.15	155.64	158.73	---	
		Pr Dis	261.38	262.51	264.33	---	302.28	303.41	305.23	---	345.13	346.25	348.08	---	391.27	392.39	394.21	---	441.01	442.13	443.96	---	494.09	495.22	497.04	---	494.09	495.22	497.04	---	
	Amps	6.65	6.64	6.63	---	7.65	7.64	7.62	---	8.76	8.75	8.74	---	9.96	9.96	9.94	---	11.31	11.30	11.28	---	12.89	12.88	12.86	---	12.89	12.88	12.86	---		
	Power	1,696	1,695	1,691	---	1,926	1,924	1,920	---	2,181	2,180	2,176	---	2,458	2,457	2,453	---	2,768	2,766	2,762	---	3,131	3,129	3,125	---	3,131	3,129	3,125	---		
1190		MBh	33,766	34,231	35,214	---	33,471	33,936	34,919	---	32,611	33,076	34,060	---	31,133	31,598	32,581	---	29,325	29,790	30,774	---	27,675	28,140	29,124	---	27,675	28,140	29,124	---	
		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	---	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	---	18.73	16.90	13.49	---	
		Pr Suc	124.41	125.91	128.99	---	131.78	133.28	136.36	---	138.23	139.73	142.81	---	143.68	145.18	148.26	---	149.04	150.53	153.61	---	155.74	157.23	160.31	---	155.74	157.23	160.31	---	
		Pr Dis	263.12	264.25	266.07	---	304.02	305.15	306.97	---	346.87	347.99	349.81	---	393.01	394.13	395.95	---	442.75	443.87	445.70	---	495.83	496.96	498.78	---	495.83	496.96	498.78	---	
	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	---	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	---	3,139	3,137	3,133	---		
75	970	MBh	33,011	33,476	34,459	35,961	32,716	33,181	34,165	35,667	31,857	32,322	33,305	34,807	30,378	30,843	31,826	33,328	28,571	29,036	30,019	31,521	26,921	27,386	28,369	29,871	26,921	27,386	28,369	29,871	
		S/T	0.75	0.68	0.54	0.40	0.76	0.68	0.55	0.40	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.80	0.67	0.52	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	24.40	22.57	19.16	15.62	
		Pr Suc	121.40	122.89	125.97	131.13	128.76	130.26	133.34	138.49	135.21	136.71	139.79	144.94	140.66	142.16	145.24	150.40	146.02	147.51	150.59	155.75	152.72	154.21	157.30	162.45	152.72	154.21	157.30	162.45	
		Pr Dis	259.83	260.95	262.78	267.29	300.73	301.85	303.68	308.19	343.58	344.70	346.52	351.04	389.71	390.84	392.66	397.18	439.46	440.58	442.40	446.92	492.54	493.66	495.49	500.00	492.54	493.66	495.49	500.00	
	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	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	3,120	3,118	3,114	3,132		
75	1080	MBh	33,369	33,834	34,817	36,319	33,074	33,539	34,523	36,025	32,215	32,680	33,663	35,165	30,736	31,201	32,184	33,686	28,929	29,394	30,377	31,879	27,279	27,744	28,727	30,229	27,279	27,744	28,727	30,229	
		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	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	23.52	21.69	18.28	14.74	
		Pr Suc	122.86	124.35	127.43	132.59	130.22	131.72	134.80	139.95	136.67	138.17	141.25	146.40	142.12	143.62	146.70	151.86	147.48	148.97	152.05	157.21	154.18	155.67	158.76	163.91	154.18	155.67	158.76	163.91	
		Pr Dis	261.61	262.74	264.56	269.08	302.51	303.64	305.46	309.98	345.36	346.48	348.30	352.82	391.49	392.62	394.44	398.96	441.24	442.36	444.18	448.70	494.32	495.45	497.27	501.79	494.32	495.45	497.27	501.79	
	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	9.96	9.93	10.01	11.30	11.29	11.28	11.35	12.88	12.87	12.86	12.89	12.88	12.87	12.86	12.89		
	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	3,129	3,128	3,124	3,141		
1190		MBh	33,785	34,250	35,233	36,735	33,490	33,955	34,938	36,441	32,631	33,096	34,079	35,581	31,152	31,617	32,600	34,102	29,344	29,809	30,793	32,295	27,694	28,159	29,143	30,645	27,694	28,159	29,143	30,645	
		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	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	22.62	20.79	17.37	13.84	22.37	20.54	17.13	13.59									

ID DB		Air		ID WB		OUTDOOR AMBIENT TEMPERATURE																115																							
						65								75								85								105								95							
						ENTERING INDOOR WET BULB TEMPERATURE																																							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
80	970	MBh	33,182	33,647	34,630	36,132	32,887	33,352	34,335	35,837	32,027	32,492	33,476	34,978	30,549	31,013	31,997	33,499	28,741	29,206	30,189	31,692	27,091	27,556	28,539	30,042																			
		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	121.93	123.43	126.51	131.66	129.29	130.79	133.87	139.03	135.75	137.24	140.32	145.48	141.20	142.69	145.78	150.93	146.55	148.05	151.13	156.28	153.25	154.75	157.83	162.99																			
		Pr Dis	260.31	261.43	263.25	267.77	301.21	302.33	304.15	308.67	344.05	345.18	347.00	351.52	390.19	391.31	393.14	397.65	439.93	441.06	442.88	447.40	493.02	494.14	495.96	500.48																			
	Amps	6.61	6.60	6.58	6.66	7.60	7.60	7.58	7.66	8.72	8.71	8.69	8.77	9.92	9.91	9.90	9.97	11.27	11.26	11.24	11.32	12.84	12.84	12.82	12.90																				
	Power	1,687	1,685	1,681	1,698	1,916	1,914	1,910	1,928	2,172	2,170	2,166	2,184	2,449	2,447	2,443	2,460	2,758	2,756	2,752	2,770	3,121	3,119	3,115	3,133																				
	1080	MBh	33,540	34,005	34,988	36,490	33,245	33,710	34,693	36,195	32,385	32,850	33,834	35,336	30,907	31,371	32,355	33,857	29,099	29,564	30,547	32,049	27,449	27,914	28,897	30,400																			
		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		123.39	124.89	127.97	133.12	130.76	132.25	135.33	140.49	137.21	138.70	141.78	146.94	142.66	144.15	147.24	152.39	148.01	149.51	152.59	157.74	154.71	156.21	159.29	164.45																				
Pr Dis		262.09	263.21	265.04	269.55	302.99	304.11	305.93	310.45	345.83	346.96	348.78	353.30	391.97	393.10	394.92	399.44	441.71	442.84	444.66	449.18	494.80	495.92	497.75	502.26																				
1190	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																				
	MBh	33,955	34,420	35,404	36,906	33,661	34,126	35,109	36,611	32,801	33,266	34,249	35,751	31,322	31,787	32,771	34,273	29,515	29,980	30,963	32,465	27,865	28,330	29,313	30,815																				
	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	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	124.98	126.47	129.56	134.71	132.34	133.84	136.92	142.08	138.79	140.29	143.37	148.53	144.25	145.74	148.82	153.98	149.60	151.09	154.18	159.33	156.30	157.80	160.88	166.03																				
	Pr Dis	263.83	264.95	266.78	271.29	304.73	305.85	307.67	312.19	347.57	348.70	350.52	355.04	393.71	394.84	396.66	401.18	443.45	444.58	446.40	450.92	496.54	497.66	499.49	504.00																				
	Amps	6.69	6.68	6.66	6.74	7.68	7.67	7.66	7.73	8.79	8.79	8.77	8.85	10.00	9.99	9.97	10.05	11.34	11.34	11.32	11.40	12.92	12.91	12.90	12.97																				
	Power	1,704	1,702	1,699	1,716	1,934	1,932	1,928	1,945	2,189	2,188	2,184	2,201	2,466	2,465	2,461	2,478	2,776	2,774	2,770	2,788	3,139	3,137	3,133	3,151																				
	85	970	MBh	33,736	34,201	35,185	36,687	33,442	33,907	34,890	36,392	32,582	33,047	34,030	35,532	31,103	31,568	32,551	34,054	29,296	29,761	30,744	32,246	27,646	28,111	29,094	30,596																		
S/T			1.00	0.91	0.77	0.63	1.00	0.91	0.78	0.63	1.00	0.90	0.80	0.66	1.00	0.80	0.68	1.00	1.00	0.84	0.70	1.00	1.00	1.00	0.75																				
ΔT			31.21	29.38	25.96	22.43	31.16	29.33	25.91	22.38	31.41	29.58	26.17	22.63	31.14	29.31	25.89	22.36	30.89	29.06	25.65	22.11	32.04	30.21	26.79	23.26																			
Pr Suc			123.74	125.24	128.32	133.48	131.11	132.61	135.69	140.84	137.56	139.06	142.14	147.29	143.01	144.51	147.59	152.75	148.37	149.86	152.94	158.10	155.07	156.56	159.64	164.80																			
Pr Dis			261.53	262.65	264.47	268.99	302.42	303.55	305.37	309.89	345.27	346.40	348.22	352.74	391.41	392.53	394.36	398.87	441.15	442.28	444.10	448.62	494.24	495.36	497.18	501.70																			
Amps		6.63	6.62	6.60	6.68	7.62	7.62	7.60	7.68	8.74	8.73	8.71	8.79	9.94	9.93	9.92	9.99	11.29	11.28	11.26	11.34	12.86	12.86	12.84	12.92																				
Power		1,691	1,689	1,685	1,703	1,920	1,918	1,914	1,932	2,176	2,174	2,170	2,188	2,453	2,451	2,447	2,465	2,762	2,761	2,757	2,774	3,125	3,124	3,120	3,137																				
1080		MBh	34,094	34,559	35,543	37,045	33,800	34,265	35,248	36,750	32,940	33,405	34,388	35,890	31,461	31,926	32,909	34,412	29,654	30,119	31,102	32,604	28,004	28,469	29,452	30,954																			
		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	0.80	0.67	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	125.21	126.70	129.78	134.94	132.57	134.07	137.15	142.30	139.02	140.52	143.60	148.75	144.47	145.97	149.05	154.21	149.83	151.32	154.40	159.56	156.53	158.02	161.11	166.26																				
	Pr Dis	263.31	264.43	266.26	270.77	304.21	305.33	307.15	311.67	347.05	348.18	350.00	354.52	393.19	394.31	396.14	400.66	442.93	444.06	445.88	450.40	496.02	497.14	498.97	503.48																				
1190	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																				
	MBh	34,510	34,975	35,958	37,460	34,215	34,680	35,664	37,166	33,356	33,821	34,804	36,306	31,877	32,342	33,325	34,827	30,070	30,535	31,518	33,020	28,420	28,885	29,868	31,370																				
	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	0.80	0.68	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	126.79	128.29	131.37	136.53	134.16	135.65	138.74	143.89	140.61	142.10	145.19	150.34	146.06	147.56	150.64	155.79	151.41	152.91	155.99	161.15	158.12	159.61	162.69	167.85																				
	Pr Dis	265.05	266.17	268.00	272.51	305.95	307.07	308.89	313.41	348.79	349.92	351.74	356.26	394.93	396.05	397.88	402.39	444																											

		OUTDOOR AMBIENT TEMPERATURE																																			
		65					75					85					95					105					115										
ID	DB	Air	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
70	1470	MBh	54,034	54,795	56,406	---	---	---	53,551	54,313	55,923	---	---	---	52,143	52,905	54,515	---	---	---	49,720	50,482	52,093	---	---	---	46,760	47,521	49,132	---	---	---	44,057	44,819	46,429	---	
		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	20.0	18.2	14.7	---	---	---	20.0	18.1	14.6	---	---	---	20.2	18.4	14.9	---	---	---	20.0	18.1	14.6	---	---	---	19.7	17.8	14.3	---	---	---	20.9	19.0	15.5	---	
		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	12.5	12.4	12.4	---	---	---	14.2	14.2	14.2	---	---	---	16.2	16.2	16.2	---	---	---	18.4	18.4	18.4	---	---	---	20.8	20.8	20.8	---	---	---	23.7	23.7	23.6	---		
	Power	3,254	3,251	3,244	---	---	---	3,666	3,663	3,656	---	---	---	4,127	4,123	4,116	---	---	---	4,625	4,621	4,614	---	---	---	5,181	5,178	5,171	---	---	---	5,834	5,830	5,823	---		
	1640	MBh	54,630	55,391	57,002	---	---	---	---	54,147	54,909	56,519	---	---	---	52,739	53,501	55,111	---	---	---	50,317	51,078	52,689	---	---	---	47,356	48,118	49,728	---	---	---	44,653	45,415	47,026	---
		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	19.1	17.2	13.7	---	---	---	---	19.1	17.2	13.7	---	---	---	19.3	17.4	14.0	---	---	---	19.0	17.2	13.7	---	---	---	18.8	16.9	13.4	---	---	---	20.0	18.1	14.6	---
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	---	
1790	Amps	12.5	12.5	12.5	---	---	---	---	14.3	14.3	14.3	---	---	---	16.3	16.3	16.3	---	---	---	18.5	18.5	18.4	---	---	---	20.9	20.9	20.9	---	---	---	23.7	23.7	23.7	---	
	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	55,237	55,998	57,609	---	---	---	---	54,754	55,515	57,126	---	---	---	53,346	54,107	55,718	---	---	---	50,923	51,685	53,296	---	---	---	47,963	48,724	50,335	---	---	---	45,260	46,022	47,632	---	
	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	18.4	16.5	13.0	---	---	---	---	18.3	16.5	13.0	---	---	---	18.6	16.7	13.2	---	---	---	18.3	16.5	13.0	---	---	---	18.1	16.2	12.7	---	---	---	19.2	17.4	13.9	---	
1790	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	12.6	12.6	12.5	---	---	---	---	14.4	14.4	14.3	---	---	---	16.4	16.4	16.3	---	---	---	18.5	18.5	18.5	---	---	---	21.0	21.0	20.9	---	---	---	23.8	23.8	23.8	---	
	Power	3,285	3,282	3,275	---	---	---	---	3,697	3,694	3,687	---	---	---	4,157	4,154	4,147	---	---	---	4,655	4,652	4,645	---	---	---	5,212	5,209	5,201	---	---	---	5,864	5,861	5,854	---	
	75	1470	MBh	54,065	54,827	56,437	58,898	---	---	53,582	54,344	55,955	58,415	---	---	52,174	52,936	54,547	57,007	49,752	50,514	52,124	54,585	46,791	47,553	49,164	51,624	44,089	44,850	46,461	48,921						
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			24.1	22.3	18.8	15.2	---	---	24.1	22.2	18.7	15.1	---	---	24.4	22.5	19.0	15.4	24.1	22.2	18.7	15.1	23.8	22.0	18.5	14.8	25.0	23.1	19.6	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	152.96							
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	492.01							
Amps		12.4	12.4	12.4	12.5	---	---	14.2	14.2	14.2	14.3	---	---	---	16.2	16.2	16.2	16.2	16.3	18.4	18.4	18.4	18.5	20.8	20.8	20.9	23.7	23.6	23.75	23.82							
Power		3,252	3,248	3,241	3,273	---	---	3,664	3,661	3,653	3,685	---	---	4,124	4,121	4,114	4,145	4,622	4,619	4,612	4,643	5,178	5,175	5,168	5,200	5,831	5,828	5,821	5,852								
1640		MBh	54,661	55,423	57,034	59,494	---	---	54,179	54,940	56,551	59,011	---	---	52,770	53,532	55,143	57,603	50,348	51,110	52,720	55,181	47,387	48,149	49,760	52,220	44,685	45,446	47,057	49,517							
		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	23.2	21.3	17.9	14.2	---	---	23.2	21.3	17.8	14.2	---	---	23.4	21.6	18.1	14.4	23.2	21.3	17.8	14.2	22.9	21.0	17.5	13.9	24.1	22.2	18.7	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	135.3	138.2	143.0	138.9	140.3	143.2	148.1	145.2	146.6	149.5	154.36								
	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	386.4	388.2	392.6	434.2	435.3	437.1	441.6	486.5	487.6	489.3	493.80								
1790	Amps	12.5	12.5	12.5	12.6	---	---	14.3	14.3	14.3	14.3	---	---	16.3	16.3	16.3	16.4	18.5	18.5	18.4	18.4	18.6	20.9	20.9	20.8	21.0	23.7	23.6	23.75	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	55,268	56,030	57,640	60,101	---	---	54,785	55,547	57,158	59,618	---	---	53,377	54,139	55,750	58,210	50,955	51,716	53,327	55,788	47,994	48,756	50,367	52,827	45,291	46,053	47,664	50,124								
	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	22.5	20.6	17.1	13.5	---	---	22.5	20.6	17.1	13.5	---	---	22.7	20.9	17.4	13.7	22.4	20.6	17.1	13.5	22.2	20.3	16.8	13.2	23.4	21.5	18.0	14.38								

IDB*: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = outdoor unit amps

		OUTDOOR AMBIENT TEMPERATURE												115																	
		65						75						85						105						115					
ID	DB	AIR	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
		ENTERING INDOOR WET BULB TEMPERATURE																													
80	1470	MBh	54,344	55,106	56,717	59,177	53,862	54,623	56,234	58,695	52,454	53,215	54,826	57,287	50,031	50,793	52,404	54,864	47,071	47,832	49,443	51,903	44,368	45,129	46,740	49,201					
		S/T	0.85	0.78	0.65	0.51	0.86	0.78	0.65	0.51	1.00	0.81	0.68	0.54	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	0.77	0.63						
		ΔT	28.3	26.4	22.9	19.3	28.2	26.4	22.9	19.2	28.5	26.6	23.1	19.5	28.2	26.3	22.8	19.2	28.0	26.1	22.6	19.0	29.1	27.3	23.8	20.2					
		Pr Suc	114.8	116.2	119.1	124.0	121.7	123.1	126.0	130.9	127.8	129.2	132.1	137.0	132.9	134.4	137.3	142.1	138.0	139.4	142.3	147.2	144.3	145.7	148.6	153.5					
		Pr Dis	256.1	257.2	259.0	263.5	296.4	297.5	299.3	303.7	338.5	339.6	341.4	345.9	383.9	385.0	386.8	391.3	432.9	434.0	435.8	440.2	485.1	486.2	488.0	492.5					
	Amps	12.5	12.4	12.4	12.5	14.2	14.2	14.2	14.3	16.2	16.2	16.2	16.3	18.4	18.4	18.4	18.4	18.5	20.8	20.8	20.8	20.9	23.7	23.7	23.6	23.8					
	Power	3,254	3,250	3,243	3,275	3,666	3,663	3,656	3,687	4,126	4,123	4,116	4,147	4,624	4,621	4,614	4,645	5,180	5,177	5,170	5,202	5,833	5,830	5,823	5,854						
	1640	MBh	54,941	55,702	57,313	59,773	54,458	55,219	56,830	59,291	53,050	53,811	55,422	57,883	50,627	51,389	53,000	55,460	47,667	48,428	50,039	52,500	44,964	45,726	47,336	49,797					
		S/T	0.90	0.83	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.86	0.72	0.58	1.00	0.87	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.81	0.67						
		ΔT	27.4	25.5	22.0	18.4	27.3	25.4	21.9	18.3	27.6	25.7	22.2	18.6	27.3	25.4	21.9	18.3	27.0	25.2	21.7	18.1	28.2	26.3	22.8	19.2					
Pr Suc		116.2	117.6	120.5	125.4	123.1	124.5	127.4	132.3	129.2	130.6	133.5	138.4	134.3	135.8	138.7	143.5	139.4	140.8	143.7	148.6	145.7	147.1	150.0	154.9						
Pr Dis		257.9	259.0	260.8	265.3	298.2	299.3	301.1	305.5	340.3	341.4	343.2	347.7	385.7	386.8	388.6	393.1	434.7	435.8	437.6	442.0	486.9	488.0	489.8	494.3						
Amps	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.4	16.3	16.3	16.3	16.4	18.5	18.5	18.5	18.4	18.6	20.9	20.9	20.9	21.0	23.7	23.7	23.7	23.8						
Power	3,271	3,268	3,261	3,292	3,683	3,680	3,673	3,705	4,144	4,140	4,133	4,165	4,641	4,638	4,631	4,663	5,198	5,195	5,188	5,219	5,851	5,847	5,840	5,872							
1790	MBh	55,547	56,309	57,920	60,380	55,065	55,826	57,437	59,897	53,657	54,418	56,029	58,489	51,234	51,996	53,606	56,067	48,274	49,035	50,646	53,106	45,571	46,332	47,943	50,404						
	S/T	0.93	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	0.92	0.79	0.65	1.00	0.84	0.70							
	ΔT	26.7	24.8	21.3	17.7	26.6	24.7	21.2	17.6	26.9	25.0	21.5	17.9	26.6	24.7	21.2	17.6	26.3	24.5	21.0	17.3	27.5	25.6	22.1	18.5						
	Pr Suc	117.5	118.9	121.8	126.7	124.5	125.9	128.8	133.6	130.5	132.0	134.9	139.7	135.7	137.1	140.0	144.8	140.7	142.1	145.0	149.9	147.0	148.4	151.3	156.2						
	Pr Dis	259.5	260.6	262.4	266.8	299.7	300.8	302.6	307.0	341.9	343.0	344.8	349.2	387.3	388.4	390.2	394.6	436.2	437.3	439.1	443.6	488.5	489.6	491.4	495.8						
Amps	12.6	12.6	12.5	12.7	14.4	14.4	14.3	14.5	16.4	16.4	16.4	16.3	16.5	18.5	18.5	18.5	18.6	21.0	20.9	20.9	21.1	23.8	23.8	23.9							
Power	3,285	3,281	3,274	3,306	3,697	3,693	3,686	3,718	4,157	4,154	4,147	4,178	4,655	4,652	4,645	4,676	5,211	5,208	5,201	5,232	5,864	5,861	5,854	5,885							
85	1470	MBh	55,253	56,015	57,625	60,086	54,770	55,532	57,143	59,603	53,362	54,124	55,735	58,195	50,940	51,701	53,312	55,773	47,979	48,741	50,352	52,812	45,276	46,038	47,649	50,109					
		S/T	1.00	0.88	0.75	0.61	1.00	0.88	0.75	0.61	1.00	0.91	0.78	0.64	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.68	1.00	0.87	0.73						
		ΔT	32.0	30.1	26.6	23.0	31.9	30.0	26.5	22.9	32.2	30.3	26.8	23.2	31.9	30.0	26.5	22.9	31.6	29.8	26.3	22.7	32.8	30.9	27.4	23.8					
		Pr Suc	116.5	117.9	120.8	125.7	123.4	124.9	127.8	132.6	129.5	130.9	133.8	138.7	134.7	136.1	139.0	143.8	139.7	141.1	144.0	148.9	146.0	147.4	150.3	155.2					
		Pr Dis	257.3	258.4	260.2	264.7	297.6	298.7	300.5	304.9	339.7	340.8	342.6	347.1	385.1	386.2	388.0	392.5	434.1	435.2	437.0	441.4	486.3	487.4	489.2	493.7					
	Amps	12.5	12.5	12.4	12.6	14.3	14.3	14.2	14.4	16.3	16.3	16.3	16.2	16.4	18.4	18.4	18.4	18.5	20.9	20.8	20.8	21.0	23.7	23.7	23.8						
	Power	3,262	3,258	3,251	3,283	3,674	3,671	3,664	3,695	4,134	4,131	4,124	4,155	4,632	4,629	4,622	4,653	5,188	5,185	5,178	5,210	5,841	5,838	5,831	5,862						
	1640	MBh	55,849	56,611	58,221	60,682	55,366	56,128	57,739	60,199	53,958	54,720	56,331	58,791	51,536	52,297	53,908	56,369	48,575	49,337	50,948	53,408	45,872	46,634	48,245	50,705					
		S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	0.66	1.00	0.95	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	0.91	0.77						
		ΔT	31.0	29.2	25.7	22.1	31.0	29.1	25.6	22.0	31.3	29.4	25.9	22.3	31.0	29.1	25.6	22.0	30.7	28.8	25.4	21.7	31.9	30.0	26.5	22.9					
Pr Suc		117.9	119.3	122.2	127.1	124.8	126.3	129.2	134.0	130.9	132.3	135.2	140.1	136.1	137.5	140.4	145.2	141.1	142.5	145.4	150.3	147.4	148.8	151.7	156.6						
Pr Dis		259.1	260.2	262.0	266.5	299.4	300.5	302.3	306.7	341.5	342.6	344.4	348.9	386.9	388.0	389.8	394.3	435.9	437.0	438.8	443.2	488.1	489.2	491.0	495.5						
Amps	12.6	12.5	12.5	12.7	14.4	14.3	14.3	14.4	16.4	16.4	16.3	16.3	16.4	18.5	18.5	18.5	18.6	20.9	20.9	20.9	21.0	23.8	23.7	23.9							
Power	3,279	3,276	3,269	3,300	3,691	3,688	3,681	3,712	4,151	4,148	4,141	4,173	4,649	4,646	4,639	4,671	5,206	5,203	5,195	5,227	5,858	5,855	5,848	5,880							
1790	MBh	56,456	57,217	58,828	61,289	55,973	56,735	58,346	60,806	54,565	55,327	56,938	59,398	52,143	52,904	54,515	56,976	49,182	49,944	51,554	54,015	46,479	47,241	48,852	51,312						
	S/T	1.00	0.95	0.82	0.68	1.00	0.96	0.82	0.68	1.00	0.98	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	0.94	0.80							
	ΔT	30.3	28.5	25.0	21.3	30.3	28.4	24.9	21.3	30.5	28.7	25.2	21.6	30.3	28.4	24.9	21.3	30.0	28.1	24.6	21.0	31.2	29.3	25.8	22.2						
	Pr Suc	119.2	120.7	123.6	128.4	126.2	127.6	130.5	135.3	132.3	133.7	136.6	141.4	137.4	138.8	141.7	146.6	142.4	143.8	146.7	151.6	148.7	150.2	153.1	157.9						
	Pr Dis	260.7	261.8	263.6	268.0	300.9	302.0	303.8	308.2	343.1	344.2	346.0	350.4	388.5	389.6	391.4	395.8	437.4	438.5	440.3	444.8	489.7	490.8	492.6	497.0						
Amps	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.4	16.5	18.6	18.6	18.5	18.7	21.0	21.0	21.0	21.1	23.8	23.8	23.8							
Power	3,292	3,289	3,282	3,314	3,705	3,701	3,694	3,726	4,165	4,162	4,154	4,186	4,663	4,660	4,652	4,684	5,219	5,216	5,209	5,240	5,872	5,869	5,862	5,893							

IDB*: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI conditions.

kW = Total system power
Amps = outdoor unit amps

OUTDOOR AMBIENT TEMPERATURE																										
65				75				85				95				105				115						
ID	DB	AIR	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
ENTERING INDOOR WET BULB TEMPERATURE																										
1130	MBh	38,852	39,400	40,558	---	---	---	---	37,493	38,040	39,198	---	---	35,751	36,298	37,457	---	---	33,622	34,170	35,328	---	---	31,679	32,226	33,385
	S/T	0.62	0.54	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	19.3	17.5	14.1	---	---	---	---	19.5	17.7	14.3	---	---	19.3	17.4	14.1	---	---	19.0	17.2	13.8	---	---	20.1	18.3	15.0
	Pr Suc	117.5	118.9	121.9	---	---	---	---	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	---	---	366.4	367.5	369.2	---	---	413.2	414.2	416.0	---	---	463.1	464.2	465.9
	Amps	7.8	7.8	7.8	---	---	---	---	9.0	9.0	8.9	---	---	11.6	11.6	11.6	---	---	13.1	13.1	13.1	---	---	14.9	14.9	14.9
	Power	2,047	2,045	2,040	---	---	---	---	2,306	2,304	2,300	---	---	2,596	2,594	2,589	---	---	3,259	3,257	3,252	---	---	3,669	3,667	3,663
70	MBh	39,279	39,826	40,985	---	---	---	---	37,919	38,467	39,625	---	---	36,178	36,725	37,883	---	---	34,049	34,597	35,755	---	---	32,106	32,653	33,811
	S/T	0.67	0.59	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	18.4	16.6	13.3	---	---	---	---	18.6	16.8	13.5	---	---	18.4	16.6	13.2	---	---	18.1	16.3	13.0	---	---	19.3	17.5	14.1
	Pr Suc	118.9	120.4	123.3	---	---	---	---	126.0	127.5	130.5	---	---	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	---	---	368.1	369.2	370.9	---	---	414.9	415.9	417.7	---	---	464.8	465.9	467.6
	Amps	7.9	7.9	7.9	---	---	---	---	9.0	9.0	9.0	---	---	11.6	11.6	11.6	---	---	13.1	13.1	13.1	---	---	14.9	14.9	14.9
	Power	2,058	2,056	2,051	---	---	---	---	2,317	2,315	2,311	---	---	2,920	2,918	2,913	---	---	3,270	3,268	3,263	---	---	3,680	3,678	3,674
1390	MBh	39,775	40,323	41,481	---	---	---	---	38,416	38,964	40,122	---	---	36,674	37,222	38,380	---	---	34,545	35,093	36,251	---	---	32,602	33,150	34,308
	S/T	0.70	0.62	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	17.7	15.9	12.5	---	---	---	---	17.9	16.1	12.7	---	---	17.6	15.8	12.4	---	---	17.4	15.6	12.2	---	---	18.5	16.7	13.3
	Pr Suc	120.5	121.9	124.9	---	---	---	---	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	---	---	---	---	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	7.9	7.9	7.9	---	---	---	---	10.3	10.3	10.3	---	---	11.7	11.7	11.6	---	---	13.2	13.2	13.2	---	---	15.0	15.0	14.9
	Power	2,067	2,065	2,061	---	---	---	---	2,327	2,325	2,320	---	---	2,929	2,927	2,923	---	---	3,279	3,277	3,273	---	---	3,690	3,688	3,683
75	MBh	38,875	39,422	40,580	42,349	38,528	39,075	40,233	42,002	37,515	38,063	39,221	40,990	35,773	36,321	37,479	39,248	33,645	34,192	35,351	37,120	31,701	32,249	33,407	35,176	
	S/T	0.75	0.67	0.54	0.39	0.76	0.68	0.54	0.40	0.78	0.71	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.80	0.66	0.52	
	ΔT	23.3	21.5	18.1	14.6	23.2	21.4	18.1	14.6	23.5	21.7	18.3	14.8	23.2	21.4	18.0	14.6	23.0	21.2	17.8	14.3	24.1	22.3	18.9	15.4	
	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	7.8	7.8	7.8	7.9	9.0	8.9	8.9	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.5	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	14.9	
	Power	2,045	2,043	2,039	2,059	2,305	2,303	2,298	2,318	2,594	2,592	2,588	2,607	2,907	2,905	2,901	2,921	3,257	3,255	3,251	3,271	3,668	3,666	3,661	3,681	
1260	MBh	39,301	39,849	41,007	42,776	38,954	39,502	40,660	42,429	37,942	38,490	39,648	41,417	36,200	36,748	37,906	39,675	34,072	34,619	35,777	37,546	32,128	32,676	33,834	35,603	
	S/T	0.80	0.72	0.59	0.44	0.80	0.73	0.59	0.45	0.83	0.75	0.62	0.47	1.00	0.77	0.64	0.49	1.00	0.79	0.66	0.52	1.00	0.85	0.71	0.57	
	ΔT	22.4	20.6	17.2	13.7	22.4	20.6	17.2	13.7	22.6	20.8	17.4	13.9	22.3	20.5	17.2	13.7	22.1	20.3	16.9	13.4	23.2	21.4	18.1	14.6	
	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	369.4	371.1	375.3	415.1	416.2	417.9	422.1	465.0	466.1	467.8	472.1	
	Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.3	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	
	Power	2,056	2,054	2,050	2,070	2,315	2,313	2,309	2,329	2,605	2,603	2,598	2,618	2,918	2,916	2,912	2,931	3,268	3,266	3,262	3,281	3,679	3,677	3,672	3,692	
1390	MBh	39,798	40,346	41,504	43,273	39,451	39,998	41,157	42,926	38,439	38,986	40,144	41,913	36,697	37,244	38,402	40,172	34,568	35,116	36,274	38,043	32,625	33,172	34,330	36,100	
	S/T	0.83	0.75	0.62	0.47	0.83	0.76	0.62	0.48	1.00	0.78	0.65	0.50	1.00	0.80	0.67	0.52	1.00	0.82	0.69	0.54	1.00	0.88	0.74	0.60	
	ΔT	21.6	19.8	16.5	13.0	21.6	19.8	16.4	12.9	21.8	20.0	16.7	13.2	21.6	19.8	16.4	12.9	21.3	19.5	16.2	12.7	22.5	20.7	17.3	13.8	
	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	148.5	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	419.8	423.8	466.7	467.8	469.5	473.7	
	Amps	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.1	10.3	10.3	10.3	10.4	11.7	11.7	11.6	11.7	13.2	13.2	13.2	13.2	15.0	15.0	14.9	15.0	
	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

		65										75										85										95										105										115									
		OUTDOOR AMBIENT TEMPERATURE																																																											
ID	DB	Air	ID	WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																									
80		MBh	39,076	39,623	40,781	42,550	38,728	39,276	40,434	42,203	37,716	38,264	39,422	41,191	35,974	36,522	37,680	39,449	33,846	34,393	35,551	37,320	31,902	32,450	33,608	35,377																																			
		S/T	0.88	0.80	0.66	0.52	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.00	0.85	0.71	0.57	1.00	0.87	0.74	0.59	1.00	1.00	0.79	0.65																																			
		ΔT	27.3	25.5	22.1	18.6	27.2	25.4	22.1	18.6	27.5	25.7	22.3	18.8	27.2	25.4	22.0	18.6	27.0	25.2	21.8	18.3	28.1	26.3	22.9	19.4																																			
	1130	Pr Suc	118.0	119.5	122.5	127.4	125.2	126.6	129.6	134.6	131.4	132.8	135.8	140.8	136.7	138.1	141.1	146.1	141.9	143.3	146.3	151.3	148.3	149.8	152.8	157.8																																			
		Pr Dis	244.9	245.9	247.6	251.9	283.3	284.4	286.1	290.4	323.7	324.7	326.4	330.7	367.1	368.1	369.8	374.1	413.9	414.9	416.6	420.9	463.8	464.9	466.6	470.8																																			
		Amps	7.8	7.8	7.8	7.9	9.0	9.0	8.9	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	14.9																																			
		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																																			
		MBh	39,502	40,050	41,208	42,977	39,155	39,703	40,861	42,630	38,143	38,690	39,849	41,618	36,401	36,949	38,107	39,876	34,272	34,820	35,978	37,747	32,329	32,877	34,035	35,804																																			
80		S/T	0.92	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.92	0.78	0.64	1.00	1.00	0.84	0.69																																			
		ΔT	26.4	24.6	21.2	17.7	26.4	24.6	21.2	17.7	26.6	24.8	21.4	17.9	26.3	24.5	21.2	17.7	26.1	24.3	20.9	17.4	27.2	25.4	22.1	18.6																																			
	1260	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																																			
		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																																			
		Amps	7.9	7.9	7.9	7.9	9.0	9.0	9.0	9.0	9.1	10.3	10.3	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0																																		
		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																																			
		MBh	39,999	40,546	41,705	43,474	39,652	40,199	41,357	43,127	38,639	39,187	40,345	42,114	36,898	37,445	38,603	40,372	34,769	35,316	36,475	38,244	32,826	33,373	34,531	36,300																																			
1390		S/T	0.95	0.88	0.74	0.60	1.00	0.88	0.75	0.60	1.00	0.91	0.77	0.63	1.00	0.93	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72																																			
		ΔT	25.6	23.8	20.5	17.0	25.6	23.8	20.4	16.9	25.8	24.0	20.7	17.2	25.6	23.8	20.4	16.9	25.3	23.5	20.2	16.7	26.5	24.7	21.3	17.8																																			
	1390	Pr Suc	121.0	122.5	125.4	130.4	128.1	129.6	132.6	137.6	134.4	135.8	138.8	143.8	139.7	141.1	144.1	149.1	144.8	146.3	149.3	154.3	151.3	152.8	155.8	160.8																																			
		Pr Dis	248.2	249.3	251.0	255.2	286.7	287.8	289.5	293.7	327.0	328.1	329.8	334.0	370.4	371.5	373.2	377.4	417.2	418.3	420.0	424.2	467.2	468.2	469.9	474.2																																			
		Amps	7.9	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.1	10.3	10.3	10.3	10.4	11.7	11.7	11.6	11.7	13.2	13.2	13.2	13.2	15.0	15.0	14.9	15.0																																		
		Power	2,067	2,065	2,060	2,080	2,326	2,324	2,320	2,340	2,616	2,614	2,609	2,629	2,929	2,927	2,922	2,942	3,279	3,277	3,272	3,292	3,689	3,687	3,683	3,703																																			

1130	MBh	39,729	40,276	41,435	43,204	39,382	39,929	41,087	42,857	38,369	38,917	40,075	41,844	36,628	37,175	38,333	40,102	34,499	35,046	36,205	37,974	32,556	33,103	34,261	36,030								
	S/T	1.00	0.90	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.89	0.75								
	ΔT	30.8	29.0	25.7	22.2	30.8	29.0	25.6	22.1	31.0	29.2	25.9	22.4	30.8	29.0	25.6	22.1	30.5	28.7	25.3	21.9	31.7	29.9	26.5	23.0								
	Pr Dis	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								
	Amps	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								
85	MBh	40,155	40,703	41,861	43,630	39,808	40,356	41,514	43,283	38,796	39,344	40,502	42,271	37,054	37,602	38,760	40,529	34,926	35,473	36,631	38,400	32,982	33,530	34,688	36,457								
	S/T	1.00	0.95	0.81	0.67	1.00	0.96	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.94	0.79								
	ΔT	30.0	28.1	24.8	21.3	29.9	28.1	24.7	21.2	30.2	28.4	25.0	21.5	29.9	28.1	24.7	21.2	29.6	27.8	24.5	21.0	30.8	29.0	25.6	22.1								
	Pr Dis	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								
	Amps	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								
1260	MBh	40,652	41,200	42,358	44,127	40,305	40,853	42,011	43,780	39,293	39,840	40,998	42,767	37,551	38,098	39,257	41,026	35,422	35,970	37,128	38,897	33,479	34,026	35,185	36,954								
	S/T	1.00	0.98	0.84	0.70	1.00	0.99	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.97	0.82								
	ΔT	29.2	27.4	24.0	20.5	29.1	27.3	24.0	20.5	29.4	27.6	24.2	20.7	29.1	27.3	23.9	20.4	28.9	27.1	23.7	20.2	30.0	28.2	24.8	21.3								
	Pr Dis	122.8	124.2	127.2	132.2	129.9	131.3	134.3	139.3	136.1	137.6	140.6	145.6	141.4	142.9	145.9	150.8	146.6	148.1	151.0	156.0	153.1	154.5	157.5	162.5								
	Amps	249.4	250.4	252.1	256.4	287.8	288.9	290.6	294.9	328.2	329.2	330.9	335.2	371.6	372.6	374.3	378.6	418.4	419.4	421.1	425.4	468.3	469.4	471.1	475.3								
	Power	2,072	2,070	2,065	2,085	2,331	2,329	2,325	2,345	2,621	2,619	2,614	2,634	2,934	2,932	2,927	2,947	3,284	3,282	3,277	3,297	3,694	3,692	3,688	3,708								

IDB*: Entering Indoor Dry Bulb Temperature

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

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*	---	32,800	27,000	16.0	10.5	31,800	26,400	32,400	9.0	22,000	1,230	9114950
	AVPEC59D14A*	---	33,600	27,400	18.0	11.0	32,400	26,800	32,800	10.0	22,000	1,260	9114949
AVZC18VC 0481A*	AVPEC59D14A*	---	44,000	32,200	18.0	11.0	42,500	32,200	44,000	9.6	30,800	1,380	9114952
	AVPEC61D14A*	---	45,000	33,000	19.0	11.0	43,500	33,000	44,500	10.0	31,000	1,380	9114951
AVZC18VC 0601A*	AVPEC59D14A*	---	52,000	38,500	17.0	11.0	50,000	37,600	53,000	9.6	34,000	1,640	9114954
	AVPEC61D14A*	---	53,000	39,000	18.0	11.0	51,000	38,500	53,500	10.0	34,600	1,640	9114953

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

¹ Seasonal Energy Efficiency Ratio

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

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

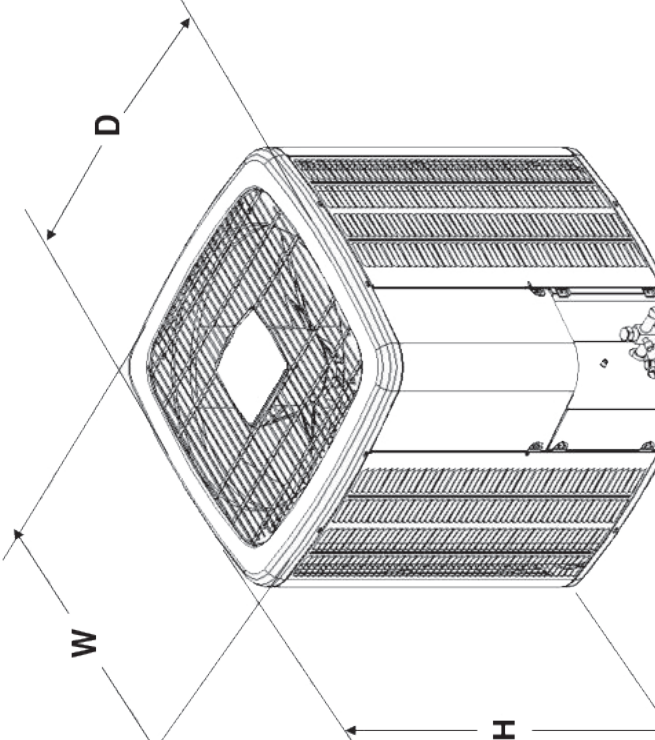
⁴ Rated heating capacity at 47°F outdoor per AHRI 210/240

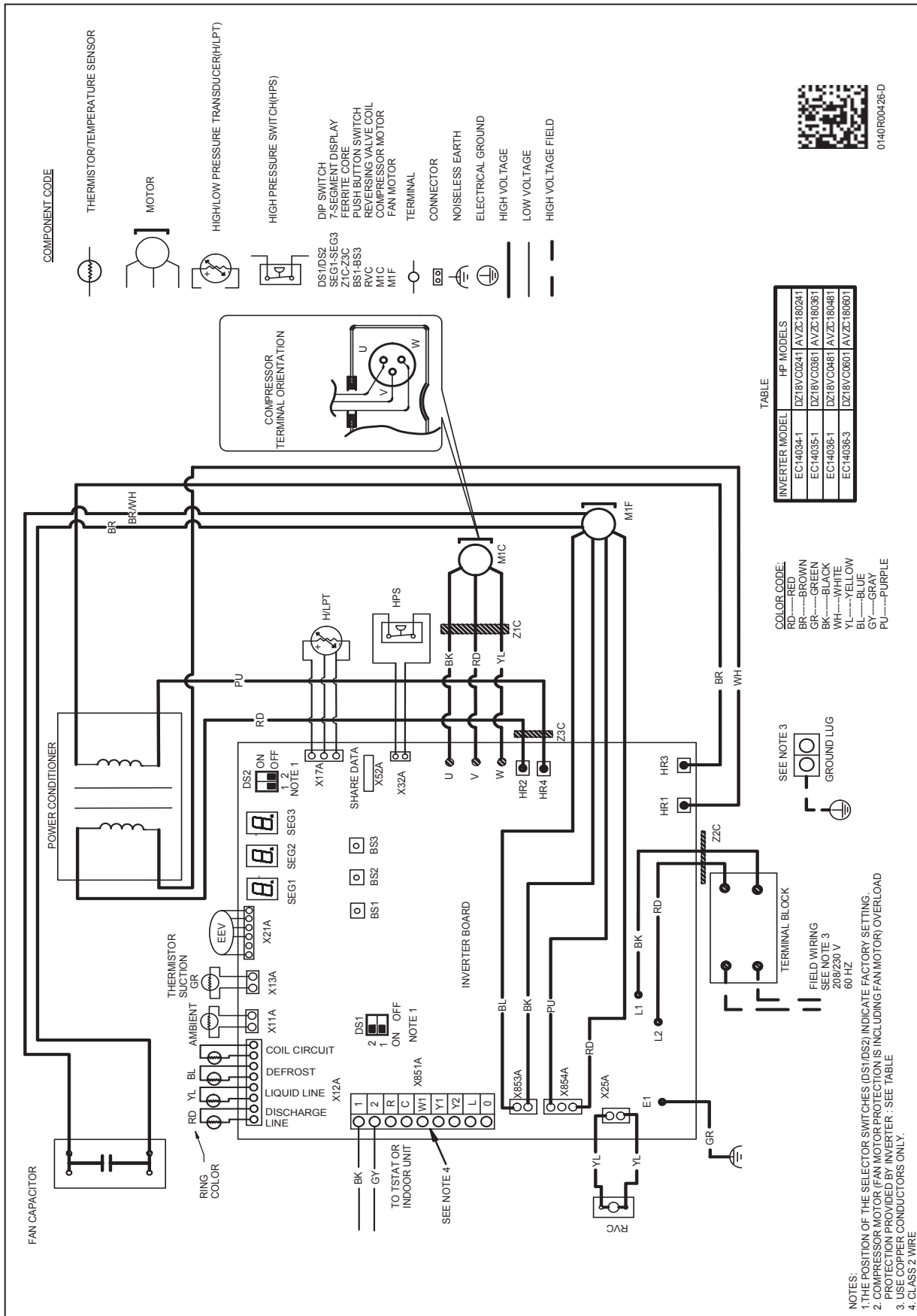
⁵ HSPF = Heating Seasonal Performance Factor

⁶ Heating capacity at 17°F outdoor

NOTES

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

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COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH. CONFIDENTIAL PROPERTY OF THE GOODMAN MANUFACTURING COMPANY, L.P. NOT TO BE DISCLOSED TO OTHERS, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE RETURNED UPON DEMAND ON COMPLETION OF ORDER, OR OTHER PURPOSE FOR WHICH IT WAS LENT. THIS SET IS 1 OF 1.																																															



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

WARNING

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