

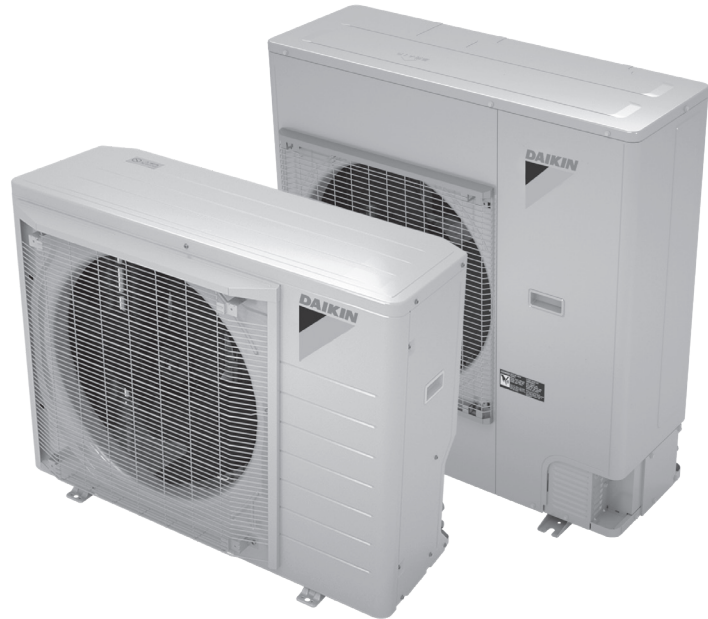
FIT⁷

UP TO 18 SEER
1½ TO 5 TONS

DAIKIN FIT
HIGH-EFFICIENCY,
COMMUNICATING,
VARIABLE-SPEED, INVERTER DRIVE SIDE DISCHARGE
SPLIT SYSTEM AIR CONDITIONER

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Standard Features

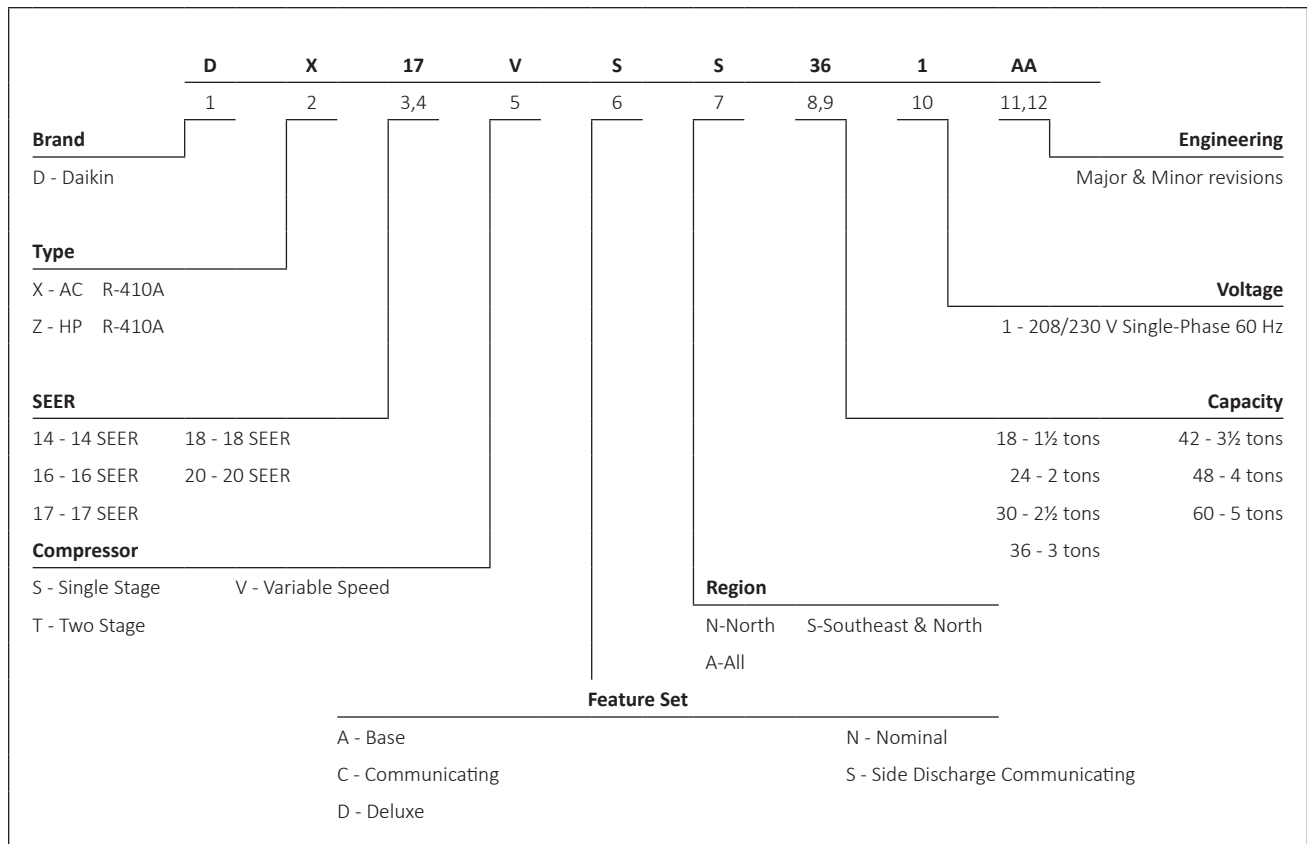
- Daikin variable-speed swing compressors
- High-density foam compressor sound blanket
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin Inside intelligence for diagnostics
- Field-selectable boost mode increases compressor speed during unusually high loads
- Quiet DC outdoor fan motor
- 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 side design
- Custom Ivory white powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2017 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.daikincomfort.com. To receive the 12-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec.



	DX17VSS 181AA	DX17VSS 241AA	DX17VSS 301AA	DX17VSS 361AA	DX17VSS 421AA	DX17VSS 481AA	DX17VSS 601AA
COOLING CAPACITY							
Max. Cooling (BTU/h)	17,100	22,800	28,400	34,200	40,000	45,500	54,000
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
RLA	10.5	15.2	20.0	20.0	25.0	25.0	26.0
CONDENSER FAN MOTOR							
Horsepower (HP)	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
FLA	2.18	2.18	2.70	2.70	2.50	2.50	2.50
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Line Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Suction Valve Size ("O.D.)	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Valve Connection Type	Front-Seated	Front-Seated	Front-Seated	Front-Seated	Front-Seated	Front-Seated	Front-Seated
Refrigerant Charge (oz.)	76	76	79	85	116	116	139
Superheat at Service Valve	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Subcooling at Service Valve	10±1°F	12±1°F	10±1°F	10±1°F	8±1°F	9±1°F	8±1°F
ELECTRICAL DATA							
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ¹	12.7	17.4	22.7	22.7	34.0	34.0	35.5
Max. Overcurrent Protection ²	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
EQUIPMENT WEIGHT (LBS)	112	112	121	128	168	168	181
SHIP WEIGHT (LBS)	130	130	139	146	183	183	196

** Inverter/Controller limited to less than 1 Amp

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

² 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.
- Unit is charged with refrigerant for 15' of $\frac{3}{8}$ " liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB	OUTDOOR AMBIENT TEMPERATURE									95°F									105°F									115°F																										
	65°F									75°F									85°F									95°F									105°F									115°F								
	AIRFLOW			59			63			67			71			59			63			67			71			59			63			67			71																	
				ENTERING INDOOR WET BULB TEMPERATURE			59			63			67			71			59			63			67			71			59			63			67			71														
510	MBh			17.4	17.6	18.1	-	17.2	17.4	18.0	-	16.7	17.0	17.5	-	16.0	16.2	16.7	-	15.0	15.3	15.8	-	14.1	14.4	14.9	-																											
	S/T			0.63	0.54	0.40	-	0.63	0.55	0.41	-	0.66	0.58	0.43	-	0.68	0.60	0.45	-	1.00	0.62	0.48	-	1.00	0.68	0.53	-																											
	ΔT			20	19	15	-	20	18	15	-	21	19	15	-	21	18	15	-	20	18	15	-	21	19	16	-																											
	kW			0.96	0.96	0.96	-	1.09	1.09	1.08	-	1.23	1.23	1.23	-	1.38	1.38	1.38	-	1.56	1.56	1.55	-	1.76	1.76	1.76	-																											
	Amps			3.7	3.7	3.7	-	4.2	4.2	4.2	-	4.9	4.9	4.9	-	5.5	5.5	5.5	-	6.3	6.3	6.3	-	7.2	7.2	7.2	-																											
	Hi PR			250	251	252	-	289	290	292	-	330	331	333	-	375	376	378	-	423	424	426	-	474	475	477	-																											
	Lo PR			123	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	157	160	-																											
	MBh			17.6	17.9	18.4	-	17.5	17.7	18.2	-	17.0	17.3	17.8	-	16.2	16.5	17.0	-	15.3	15.5	16.0	-	14.4	14.7	15.2	-																											
70	S/T			0.71	0.62	0.48	-	0.71	0.63	0.49	-	0.74	0.66	0.51	-	1.00	0.68	0.53	-	1.00	0.70	0.56	-	1.00	0.76	0.61	-																											
	ΔT			19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	15	-																											
	kW			0.97	0.97	0.96	-	1.10	1.09	1.09	-	1.24	1.24	1.24	-	1.39	1.39	1.39	-	1.57	1.56	1.56	-	1.77	1.77	1.76	-																											
	Amps			3.7	3.7	3.7	-	4.3	4.3	4.3	-	4.9	4.9	4.9	-	5.6	5.6	5.6	-	6.3	6.3	6.3	-	7.2	7.2	7.2	-																											
	Hi PR			252	253	255	-	292	293	294	-	333	334	336	-	377	378	380	-	425	426	428	-	477	478	479	-																											
	Lo PR			125	127	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-																											
	MBh			18.0	18.2	18.7	-	17.8	18.1	18.6	-	17.4	17.6	18.1	-	16.6	16.8	17.3	-	15.6	15.9	16.4	-	14.7	15.0	15.5	-																											
	S/T			0.75	0.66	0.52	-	0.75	0.67	0.53	-	0.78	0.70	0.55	-	1.00	0.72	0.57	-	1.00	0.74	0.60	-	1.00	0.80	0.65	-																											
690	ΔT			18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-																											
	kW			0.97	0.97	0.97	-	1.10	1.10	1.10	-	1.24	1.24	1.24	-	1.40	1.40	1.40	-	1.57	1.57	1.57	-	1.77	1.77	1.77	-																											
	Amps			3.8	3.8	3.7	-	4.3	4.3	4.3	-	4.9	4.9	4.9	-	5.6	5.6	5.6	-	6.4	6.4	6.3	-	7.2	7.2	7.2	-																											
	Hi PR			255	256	257	-	294	295	297	-	335	336	338	-	380	381	383	-	428	429	431	-	479	480	482	-																											
	Lo PR			128	129	132	-	135	137	140	-	142	143	146	-	147	149	152	-	153	154	157	-	160	161	164	-																											
	510	MBh			17.4	17.6	18.1	18.9	17.2	17.5	18.0	18.8	16.8	17.0	17.5	18.3	16.0	16.2	16.7	17.5	15.0	15.3	15.8	16.6	14.1	14.4	14.9	15.7																										
		S/T			0.76	0.68	0.54	0.39	0.77	0.69	0.54	0.39	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.76	0.61	0.46	1.00	1.00	0.67	0.52																										
		ΔT			24	23	19	16	24	23	19	15	25	23	19	16	24	23	19	15	24	22	19	15	25	23	20	16																										
kW			0.96	0.96	0.96	0.97	1.09	1.09	1.08	1.09	1.23	1.23	1.23	1.24	1.38	1.38	1.38	1.39	1.56	1.56	1.55	1.56	1.76	1.76	1.76	1.77																												
Amps			3.7	3.7	3.7	3.7	4.2	4.2	4.2	4.3	4.9	4.9	4.9	4.9	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.3	7.2	7.2	7.2	7.2																												
Hi PR			250	251	253	257	289	290	292	296	331	332	333	338	375	376	378	382	423	424	426	430	474	475	477	481																												
Lo PR			123	125	128	133	131	132	135	141	137	139	142	147	143	144	147	153	148	150	153	158	155	157	160	165																												
MBh			17.6	17.9	18.4	19.2	17.5	17.7	18.2	19.0	17.0	17.3	17.8	18.6	16.2	16.5	17.0	17.8	15.3	15.5	16.1	16.8	14.4	14.7	15.2	16.0																												
75	S/T			0.84	0.76	0.62	0.47	0.85	0.77	0.62	0.47	1.00	0.79	0.65	0.50	1.00	0.82	0.67	0.52	1.00	0.84	0.69	0.54	1.00	1.00	0.75	0.60																											
	ΔT			23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15																											
	kW			0.97	0.97	0.96	0.97	1.09	1.09	1.09	1.10	1.24	1.24	1.23	1.24	1.39	1.39	1.39	1.40	1.56	1.56	1.56	1.57	1.77	1.77	1.76	1.77																											
	Amps			3.7	3.7	3.7	3.8	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.9	5.6	5.6	5.6	5.6	6.3	6.3	6.3	6.4	7.2	7.2	7.2	7.2																											
	Hi PR			252	253	255	260	292	293	295	299	333	334	336	340	378	379	380	385	426	427	428	433	477	478	480	484																											
	Lo PR			125	127	130	135	133	134	137	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167																											
	MBh			18.0	18.2	18.7	19.5	17.8	18.1	18.6	19.4	17.4	17.6	18.1	18.9	16.6	16.8	17.3	18.1	15.6	15.9	16.4	17.2	14.8	15.0	15.5	16.3																											
	S/T			0.88	0.80	0.66	0.51	1.00	0.81	0.66	0.51	1.00	0.83	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																											
690	ΔT			22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14																											
	kW			0.97	0.97	0.97	0.98	1.10	1.10	1.10	1.11	1.24	1.24	1.24	1.25	1.40	1.40	1.40	1.41	1.57	1.57	1.57	1.58	1.77	1.77	1.77	1.78																											
	Amps			3.8	3.7	3.7	3.8	4.3	4.3	4.3	4.3	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.6	6.4	6.3	6.3	6.4	7.2	7.2	7.2	7.3																											
	Hi PR			255	256	258	262	294	295	297	301	336	337	338	343	380	381	383	387	428	429	431	435	479	480	482	486																											
	Lo PR			128	129	132	138	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	170																											

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

		OUTDOOR AMBIENT TEMPERATURE																															
		65°F				75°F				85°F				95°F				105°F				115°F											
IDB	AIRFLOW	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																															
410	MBh	12.5	12.7	13.0	-	12.4	12.5	12.9	-	12.0	12.2	12.6	-	11.5	11.7	12.0	-	10.8	11.0	11.3	-	10.2	10.3	10.7	-	-	-	-	-	-	-	-	-
	S/T	0.64	0.56	0.41	-	0.65	0.57	0.42	-	0.68	0.60	0.45	-	1.00	0.62	0.47	-	1.00	0.64	0.49	-	1.00	0.70	0.55	-	1.00	0.70	0.55	-	-	-	-	-
	ΔT	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	20	19	15	-	20	19	15	-	-	-	-	-
	kW	0.60	0.60	0.60	-	0.68	0.68	0.68	-	0.77	0.77	0.77	-	0.87	0.87	0.87	-	0.98	0.98	0.98	-	1.11	1.11	1.11	-	1.11	1.11	1.11	-	-	-	-	-
	Amps	2.3	2.3	2.3	-	2.7	2.7	2.7	-	3.1	3.1	3.1	-	3.5	3.5	3.5	-	4.0	4.0	4.0	-	4.5	4.5	4.5	-	4.5	4.5	4.5	-	-	-	-	-
	Hi PR	239	240	241	-	276	277	279	-	316	317	319	-	358	359	361	-	404	405	407	-	453	454	456	-	453	454	456	-	-	-	-	-
Lo PR	127	128	131	-	134	136	139	-	141	143	146	-	147	148	152	-	152	154	157	-	159	161	164	-	159	161	164	-	-	-	-	-	
70 480	MBh	12.7	12.8	13.2	-	12.6	12.7	13.1	-	12.2	12.4	12.8	-	11.7	11.8	12.2	-	11.0	11.2	11.5	-	10.4	10.5	10.9	-	-	-	-	-	-	-	-	-
	S/T	0.72	0.64	0.49	-	0.73	0.65	0.50	-	1.00	0.68	0.53	-	1.00	0.70	0.55	-	1.00	0.72	0.57	-	1.00	0.78	0.63	-	1.00	0.78	0.63	-	-	-	-	-
	ΔT	18	17	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-	19	17	14	-	-	-	-	-
	kW	0.61	0.61	0.61	-	0.69	0.69	0.69	-	0.78	0.78	0.78	-	0.88	0.88	0.87	-	0.98	0.98	0.98	-	1.11	1.11	1.11	-	1.11	1.11	1.11	-	-	-	-	-
	Amps	2.3	2.3	2.3	-	2.7	2.7	2.7	-	3.1	3.1	3.1	-	3.5	3.5	3.5	-	4.0	4.0	4.0	-	4.5	4.5	4.5	-	4.5	4.5	4.5	-	-	-	-	-
	Hi PR	241	242	244	-	279	280	281	-	318	319	321	-	361	362	363	-	407	408	409	-	456	457	458	-	456	457	458	-	-	-	-	-
Lo PR	129	130	134	-	136	138	141	-	143	145	148	-	149	151	154	-	155	156	159	-	162	163	166	-	162	163	166	-	-	-	-	-	
550	MBh	12.9	13.1	13.5	-	12.8	13.0	13.3	-	12.5	12.6	13.0	-	11.9	12.1	12.5	-	11.2	11.4	11.8	-	10.6	10.8	11.1	-	-	-	-	-	-	-	-	-
	S/T	0.76	0.68	0.53	-	0.77	0.69	0.54	-	1.00	0.72	0.57	-	1.00	0.74	0.59	-	1.00	0.76	0.61	-	1.00	1.00	0.67	-	1.00	1.00	0.67	-	-	-	-	-
	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-	18	16	13	-	-	-	-	-
	kW	0.61	0.61	0.61	-	0.69	0.69	0.69	-	0.78	0.78	0.78	-	0.88	0.88	0.88	-	0.99	0.99	0.99	-	1.12	1.12	1.11	-	1.12	1.12	1.11	-	-	-	-	-
	Amps	2.4	2.4	2.4	-	2.7	2.7	2.7	-	3.1	3.1	3.1	-	3.5	3.5	3.5	-	4.0	4.0	4.0	-	4.6	4.6	4.5	-	4.6	4.5	4.5	-	-	-	-	-
	Hi PR	243	244	246	-	281	282	284	-	321	322	323	-	363	364	366	-	409	410	412	-	458	459	461	-	458	459	461	-	-	-	-	-
Lo PR	131	133	136	-	139	140	144	-	146	147	150	-	151	153	156	-	157	159	162	-	164	166	169	-	164	166	169	-	-	-	-	-	
410	MBh	12.5	12.7	13.0	13.6	12.4	12.6	12.9	13.5	12.1	12.2	12.6	13.2	11.5	11.7	12.0	12.6	10.8	11.0	11.4	11.9	10.2	10.4	10.7	11.3								
	S/T	0.79	0.70	0.56	0.40	1.00	0.71	0.56	0.41	1.00	0.74	0.59	0.43	1.00	0.76	0.61	0.45	1.00	0.78	0.63	0.48	1.00	1.00	0.69	0.53								
	ΔT	24	22	18	15	24	22	18	15	24	22	19	15	23	22	18	15	23	21	18	15	24	23	19	16								
	kW	0.60	0.60	0.60	0.61	0.68	0.68	0.68	0.69	0.77	0.77	0.77	0.78	0.87	0.87	0.87	0.87	0.98	0.98	0.98	0.98	1.11	1.11	1.10	1.11								
	Amps	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	3.9	4.0	4.5	4.5	4.5	4.5								
	Hi PR	239	240	242	246	277	278	279	283	316	317	319	323	359	360	361	365	404	405	407	411	453	454	456	460								
Lo PR	127	128	131	137	134	136	139	145	141	143	146	151	147	148	152	157	152	154	157	163	159	161	164	170									
75 480	MBh	12.7	12.9	13.2	13.8	12.6	12.7	13.1	13.7	12.2	12.4	12.8	13.4	11.7	11.9	12.2	12.8	11.0	11.2	11.5	12.1	10.4	10.5	10.9	11.5								
	S/T	0.86	0.78	0.63	0.48	1.00	0.79	0.64	0.49	1.00	0.82	0.67	0.51	1.00	0.84	0.69	0.53	1.00	1.00	0.71	0.56	1.00	1.00	0.77	0.61								
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	14								
	kW	0.61	0.61	0.61	0.61	0.69	0.69	0.69	0.69	0.78	0.78	0.78	0.78	0.88	0.87	0.87	0.88	0.98	0.98	0.98	0.99	1.11	1.11	1.11	1.12								
	Amps	2.3	2.3	2.3	2.4	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6								
	Hi PR	241	242	244	248	279	280	282	286	318	319	321	325	361	362	364	368	407	408	410	414	456	457	458	463								
Lo PR	129	130	134	139	136	138	141	147	143	145	148	153	149	151	154	159	155	156	159	165	162	163	166	172									
550	MBh	12.9	13.1	13.5	14.0	12.8	13.0	13.4	13.9	12.5	12.7	13.0	13.6	11.9	12.1	12.5	13.0	11.2	11.4	11.8	12.3	10.6	10.8	11.2	11.7								
	S/T	0.91	0.82	0.67	0.52	1.00	0.83	0.68	0.53	1.00	0.86	0.71	0.55	1.00	0.88	0.73	0.57	1.00	1.00	0.75	0.60	1.00	1.00	0.81	0.65								
	ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	22	20	17	13								
	kW	0.61	0.61	0.61	0.62	0.69	0.69	0.69	0.70	0.78	0.78	0.78	0.79	0.88	0.88	0.88	0.88	0.99	0.99	0.99	0.99	1.12	1.12	1.11	1.12								
	Amps	2.4	2.4	2.4	2.4	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6								
	Hi PR	244	245	246	250	281	282	284	288	321	322	323	328	363	364	366	370	409	410	412	416	458	459	461	465								
Lo PR	131	133	136	141	139	141	144	149	146	147	150	156	151	153	156	162	157	159	162	167	164	166	169	174									

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

Shaded area is ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
410	MBh	12.6	12.7	13.1	13.7	12.4	12.6	13.0	13.6	12.1	12.3	12.7	13.2	11.6	11.7	12.1	12.7	10.9	11.0	11.4	12.0	10.2	10.4	10.8	11.4
	S/T	1.00	0.84	0.69	0.54	1.00	0.85	0.70	0.54	1.00	0.87	0.73	0.57	1.00	1.00	0.75	0.59	1.00	1.00	0.77	0.62	1.00	1.00	0.83	0.67
	ΔT	28	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	27	25	22	19	28	27	23	20
	kW	0.60	0.60	0.60	0.61	0.68	0.68	0.68	0.69	0.77	0.77	0.77	0.78	0.87	0.87	0.87	0.88	0.98	0.98	0.98	0.98	1.11	1.11	1.11	1.11
	Amps	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5
80	Hi-PR	239	240	242	246	277	278	280	284	316	318	319	323	359	360	362	366	405	406	408	412	454	455	457	461
	Lo-PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	158	153	155	158	163	160	162	165	170
	MBh	12.7	12.9	13.3	13.9	12.6	12.8	13.2	13.8	12.3	12.5	12.9	13.4	11.7	11.9	12.3	12.9	11.1	11.2	11.6	12.2	10.4	10.6	11.0	11.6
	S/T	1.00	0.92	0.77	0.62	1.00	0.93	0.78	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.83	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.91	0.75
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18
550	kW	0.61	0.61	0.61	0.61	0.69	0.69	0.69	0.69	0.78	0.78	0.78	0.78	0.88	0.88	0.87	0.88	0.98	0.98	0.98	0.99	1.11	1.11	1.11	1.12
	Amps	2.3	2.3	2.3	2.4	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6
	Hi-PR	242	243	244	249	279	280	282	286	319	320	322	326	361	362	364	368	407	408	410	414	456	457	459	463
	Lo-PR	129	131	134	140	137	139	142	147	144	145	149	154	150	151	154	160	155	157	160	165	162	164	167	172
	MBh	13.0	13.2	13.5	14.1	12.9	13.0	13.4	14.0	12.5	12.7	13.1	13.7	12.0	12.2	12.5	13.1	11.3	11.5	11.8	12.4	10.7	10.8	11.2	11.8

410	MBh	12.8	12.9	13.3	13.9	12.7	12.8	13.2	13.8	12.3	12.5	12.9	13.4	11.8	11.9	12.3	12.9	11.1	11.3	11.6	12.2	10.5	10.6	11.0	11.6
	S/T	1.00	0.95	0.80	0.65	1.00	1.00	0.81	0.65	1.00	1.00	0.84	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.90	0.73	1.00	1.00	1.00	0.78
	ΔT	31	29	26	22	31	29	26	22	31	29	26	23	31	29	26	22	31	29	26	22	32	30	27	23
	kW	0.61	0.60	0.60	0.61	0.69	0.68	0.68	0.69	0.78	0.77	0.77	0.78	0.87	0.87	0.87	0.88	0.98	0.98	0.98	0.99	1.11	1.11	1.11	1.11
	Amps	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5
85	Hi-PR	240	241	243	247	278	279	281	285	318	319	320	324	360	361	363	367	406	407	409	413	455	456	458	462
	Lo-PR	129	131	134	139	137	138	142	147	144	145	148	154	149	151	154	159	155	156	160	165	162	163	167	172
	MBh	13.0	13.1	13.5	14.1	12.8	13.0	13.4	14.0	12.5	12.7	13.1	13.6	12.0	12.1	12.5	13.1	11.3	11.4	11.8	12.4	10.6	10.8	11.2	11.8
	S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.94	0.78	1.00	1.00	0.90	0.80	1.00	1.00	1.00	0.86
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	21	31	29	25	22
550	kW	0.61	0.61	0.61	0.61	0.69	0.69	0.69	0.69	0.78	0.78	0.78	0.78	0.88	0.88	0.88	0.88	0.99	0.99	0.99	0.99	1.11	1.11	1.11	1.12
	Amps	2.4	2.3	2.3	2.4	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.1	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.6
	Hi-PR	243	244	245	250	280	282	283	287	320	321	323	327	363	364	365	369	408	409	411	415	457	458	460	464
	Lo-PR	131	133	136	141	139	141	144	149	146	147	151	156	151	153	156	162	157	159	162	167	164	166	169	174
	MBh	13.2	13.4	13.7	14.3	13.1	13.3	13.6	14.2	12.8	12.9	13.3	13.9	12.2	12.4	12.7	13.3	11.5	11.7	12.1	12.6	10.9	11.1	11.4	12.0

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* AT 100%

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												kW = Total system power	
		65°F				75°F				85°F				95°F				105°F				115°F		Amps = outdoor unit amps (comp.-fan)			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63		67	71	
670	MBh	23.1	23.5	24.2	-	22.9	23.3	24.0	-	22.3	22.7	23.3	-	21.3	21.6	22.3	-	20.0	20.3	21.0	-	18.8	19.2	19.9	-	-	
	S/T	0.62	0.54	0.40	-	0.63	0.55	0.40	-	0.65	0.57	0.43	-	0.67	0.59	0.45	-	1.00	0.62	0.47	-	1.00	0.67	0.53	-		
	ΔT	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	15	-	21	19	16	-		
	kW	1.39	1.39	1.38	-	1.58	1.57	1.57	-	1.78	1.78	1.78	-	2.01	2.01	2.01	-	2.26	2.26	2.26	-	2.56	2.56	2.55	-		
	Amps	5.3	5.2	5.2	-	6.1	6.1	6.0	-	7.0	7.0	7.0	-	8.0	7.9	7.9	-	9.1	9.0	9.0	-	10.3	10.3	10.3	-		
Hi-PR	267	268	270	-	310	311	313	-	354	355	357	-	401	403	405	-	453	454	456	-	508	509	511	-			
Lo-PR	119	121	124	-	126	128	131	-	133	134	137	-	138	140	143	-	143	145	148	-	150	152	155	-			
70	MBh	23.5	23.8	24.5	-	23.3	23.6	24.3	-	22.7	23.0	23.7	-	21.6	22.0	22.7	-	20.4	20.7	21.4	-	19.2	19.5	20.2	-	-	
	S/T	0.70	0.62	0.48	-	0.71	0.63	0.48	-	0.73	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.70	0.55	-	1.00	0.75	0.61	-		
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	14	-		
	kW	1.40	1.40	1.40	-	1.59	1.59	1.58	-	1.80	1.80	1.79	-	2.02	2.02	2.02	-	2.28	2.27	2.27	-	2.57	2.57	2.57	-		
	Amps	5.3	5.3	5.3	-	6.1	6.1	6.1	-	7.0	7.0	7.0	-	8.0	8.0	8.0	-	9.1	9.1	9.1	-	10.4	10.4	10.4	-		
Hi-PR	270	271	273	-	312	314	315	-	357	358	360	-	404	405	407	-	456	457	459	-	511	512	514	-			
Lo-PR	121	123	126	-	129	130	133	-	135	136	139	-	140	142	145	-	146	147	150	-	152	154	157	-			
910	MBh	24.0	24.3	25.0	-	23.7	24.1	24.8	-	23.1	23.5	24.2	-	22.1	22.4	23.1	-	20.8	21.2	21.8	-	19.7	20.0	20.7	-	-	
	S/T	0.74	0.66	0.52	-	0.75	0.67	0.52	-	0.77	0.69	0.55	-	0.79	0.71	0.57	-	1.00	0.74	0.59	-	1.00	0.79	0.65	-		
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-		
	kW	1.41	1.41	1.41	-	1.60	1.60	1.59	-	1.81	1.81	1.80	-	2.03	2.03	2.03	-	2.28	2.28	2.28	-	2.58	2.58	2.58	-		
	Amps	5.3	5.3	5.3	-	6.2	6.2	6.1	-	7.1	7.1	7.0	-	8.1	8.0	8.0	-	9.1	9.1	9.1	-	10.4	10.4	10.4	-		
Hi-PR	273	274	276	-	315	316	318	-	359	360	362	-	407	408	410	-	458	460	461	-	513	514	516	-			
Lo-PR	124	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	149	152	-	155	156	159	-			
670	MBh	23.2	23.5	24.2	25.2	22.9	23.3	24.0	25.0	22.7	23.0	23.7	24.8	21.3	21.6	22.3	23.4	20.0	20.3	21.0	22.1	18.9	19.2	19.9	20.9	-	
	S/T	0.76	0.68	0.53	0.38	0.76	0.68	0.54	0.39	0.79	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.46	1.00	0.81	0.66	0.51		
	ΔT	24	23	19	15	24	22	19	15	25	23	19	16	24	22	19	15	24	22	19	15	25	23	20	16		
	kW	1.39	1.39	1.38	1.40	1.58	1.57	1.57	1.58	1.78	1.78	1.78	1.79	2.01	2.01	2.00	2.02	2.26	2.26	2.26	2.27	2.56	2.56	2.55	2.57		
	Amps	5.2	5.2	5.2	5.3	6.1	6.1	6.0	6.1	7.0	7.0	6.9	7.0	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.1	10.3	10.3	10.3	10.4		
Hi-PR	268	269	271	275	310	311	313	318	354	355	357	362	402	403	405	409	453	454	456	461	508	509	511	516			
Lo-PR	119	121	124	129	126	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	150	152	155	160			
75 790	MBh	23.5	23.8	24.5	25.6	23.3	23.6	24.3	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.7	20.4	20.7	21.4	22.5	19.2	19.6	20.2	21.3	-	
	S/T	0.84	0.76	0.61	0.46	0.84	0.76	0.62	0.47	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.89	0.74	0.59		
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15		
	kW	1.40	1.40	1.40	1.41	1.59	1.59	1.58	1.60	1.80	1.79	1.79	1.81	2.02	2.02	2.02	2.03	2.27	2.27	2.27	2.28	2.57	2.57	2.57	2.58		
	Amps	5.3	5.3	5.3	5.3	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.0	9.1	9.1	9.1	9.1	10.4	10.4	10.4	10.4		
Hi-PR	270	271	273	278	313	314	316	320	357	358	360	365	405	406	408	412	456	457	459	464	511	512	514	518			
Lo-PR	121	123	126	131	129	130	133	138	135	136	139	145	140	142	145	150	146	147	150	155	152	154	157	162			
910	MBh	24.0	24.3	25.0	26.0	23.8	24.1	24.8	25.8	23.2	23.5	24.2	25.2	22.1	22.4	23.1	24.2	20.8	21.2	21.9	22.9	19.7	20.0	20.7	21.8	-	
	S/T	0.88	0.80	0.65	0.50	0.88	0.80	0.66	0.51	1.00	0.83	0.69	0.54	1.00	0.85	0.71	0.56	1.00	0.87	0.73	0.58	1.00	1.00	0.78	0.63		
	ΔT	22	20	17	13	22	20	16	13	22	20	17	13	22	20	16	13	22	20	16	13	23	21	17	14		
	kW	1.41	1.41	1.41	1.42	1.60	1.60	1.59	1.61	1.81	1.80	1.80	1.82	2.03	2.03	2.03	2.04	2.28	2.28	2.28	2.29	2.58	2.58	2.57	2.59		
	Amps	5.3	5.3	5.3	5.4	6.2	6.1	6.1	6.2	7.1	7.1	7.0	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.4	10.4	10.4	10.5		
Hi-PR	273	274	276	281	315	316	318	323	360	361	363	367	407	408	410	415	459	460	462	466	513	515	517	521			
Lo-PR	124	125	128	133	131	132	135	141	137	139	142	147	143	144	147	152	148	149	153	158	155	156	159	164			

Shaded area is ACCA (TVA) conditions
High and low pressures are measured at the liquid and suction service valves.

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
AIRFLOW	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									
670	MBh	23.3	23.6	24.3	25.4	23.1	23.4	24.1	25.1	22.5	22.8	23.5	24.5	21.4	21.7	22.4	23.5	20.1	20.5	21.2	22.2	19.0	19.3	20.0	21.1	19.0	19.3	20.0	21.1								
	S/T	0.89	0.81	0.66	0.51	1.00	0.81	0.67	0.52	1.00	0.84	0.70	0.55	1.00	0.86	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.80	0.65	1.00	1.00	0.80	0.65								
	ΔT	28	27	23	20	28	27	23	20	29	27	23	20	28	27	23	20	28	26	26	23	19	29	27	24	20	29	27	24	20							
	kW	1.39	1.39	1.38	1.40	1.58	1.57	1.57	1.59	1.78	1.78	1.78	1.79	1.79	2.01	2.01	2.01	2.02	2.26	2.26	2.26	2.27	2.56	2.56	2.55	2.57	2.56	2.56	2.55	2.57							
	Amps	5.3	5.2	5.2	5.3	6.1	6.1	6.0	6.1	7.0	7.0	7.0	7.0	7.0	8.0	7.9	7.9	8.0	9.1	9.0	9.0	9.1	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.4							
	Hi-PR	268	269	271	276	310	311	313	318	355	356	358	362	362	402	403	405	410	454	455	455	461	508	510	512	516	508	510	512	516							
Lo-PR	120	121	124	129	127	128	131	137	133	135	138	143	143	139	140	143	148	144	145	149	154	151	152	155	160	151	152	155	160								
80	MBh	23.6	24.0	24.7	25.7	23.4	23.8	24.4	25.5	22.8	23.1	23.8	24.9	21.8	22.1	22.8	23.9	20.5	20.8	21.5	22.6	19.3	19.7	20.4	21.4	19.3	19.7	20.4	21.4								
	S/T	0.97	0.89	0.75	0.60	1.00	0.90	0.75	0.60	1.00	0.92	0.78	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.88	0.73	1.00	1.00	0.88	0.73								
	ΔT	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	27	25	21	18	28	26	23	19	28	26	23	19								
	kW	1.40	1.40	1.40	1.41	1.59	1.59	1.58	1.60	1.80	1.80	1.79	1.81	1.81	2.02	2.02	2.02	2.03	2.27	2.27	2.27	2.28	2.57	2.57	2.57	2.58	2.57	2.57	2.57	2.58							
	Amps	5.3	5.3	5.3	5.3	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.0	9.1	9.1	9.1	9.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4								
	Hi-PR	271	272	274	279	313	314	316	321	357	359	360	365	365	405	406	408	413	456	458	459	464	511	512	514	519	511	512	514	519							
Lo-PR	122	123	126	131	129	131	134	139	135	137	140	145	145	141	142	145	150	146	148	151	156	153	154	157	162	153	154	157	162								
910	MBh	24.1	24.4	25.1	26.2	23.9	24.2	24.9	26.0	23.3	23.6	24.3	25.4	22.2	22.6	23.3	24.3	21.0	21.3	22.0	23.0	19.8	20.1	20.8	21.9	19.8	20.1	20.8	21.9								
	S/T	1.00	0.93	0.79	0.64	1.00	0.94	0.79	0.64	1.00	0.96	0.82	0.67	1.00	0.98	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	0.92	0.77	1.00	1.00	0.92	0.77								
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	21	18	27	25	21	18								
	kW	1.41	1.41	1.41	1.42	1.60	1.60	1.59	1.61	1.81	1.80	1.80	1.82	1.82	2.03	2.03	2.03	2.04	2.28	2.28	2.28	2.29	2.58	2.58	2.58	2.59	2.58	2.58	2.58	2.59							
	Amps	5.3	5.3	5.3	5.4	6.2	6.2	6.1	6.2	7.1	7.1	7.0	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.5								
	Hi-PR	273	275	277	281	316	317	319	323	360	361	363	368	368	408	409	411	415	459	460	462	467	514	515	517	522	514	515	517	522							
Lo-PR	124	126	129	134	131	133	136	141	138	139	142	147	147	143	145	148	153	149	150	153	158	155	157	160	165	155	157	160	165								

670	MBh	23.7	24.0	24.7	25.7	23.5	23.8	24.5	25.5	22.8	23.2	23.9	24.9	21.8	22.1	22.8	23.9	20.5	20.9	21.6	22.6	19.4	19.7	20.4	21.4	19.4	19.7	20.4	21.4	
	S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75	1.00	1.00	0.90	0.75	
	ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	28	24	33	31	28	24	
	kW	1.39	1.39	1.39	1.40	1.58	1.58	1.57	1.59	1.79	1.79	1.78	1.80	1.80	2.01	2.01	2.01	2.02	2.27	2.26	2.26	2.28	2.56	2.56	2.56	2.57	2.56	2.56	2.56	2.57
	Amps	5.3	5.3	5.2	5.3	6.1	6.1	6.1	6.1	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.4	10.4	10.3	10.4	10.4	10.3	10.3	10.4	
	Hi-PR	269	270	272	277	312	313	315	319	356	357	359	364	364	403	405	407	411	455	456	458	463	510	511	513	517	510	511	513	517
Lo-PR	121	123	126	131	129	130	133	138	135	137	140	145	145	141	142	145	150	146	147	150	155	152	154	157	162	152	154	157	162	
85	MBh	24.0	24.4	25.0	26.1	23.8	24.1	24.8	25.9	23.2	23.5	24.2	25.3	22.2	22.5	23.2	24.2	20.9	21.2	21.9	23.0	19.7	20.1	20.8	21.8	19.7	20.1	20.8	21.8	
	S/T	1.00	1.00	0.85	0.70	1.00	1.00	0.86	0.71	1.00	1.00	0.89	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.83	
	ΔT	31	29	25	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	32	30	26	23	32	30	26	23	
	kW	1.40	1.40	1.40	1.41	1.59	1.59	1.59	1.60	1.80	1.80	1.80	1.81	1.81	2.03	2.02	2.02	2.04	2.28	2.28	2.27	2.29	2.57	2.57	2.57	2.58	2.57	2.57	2.57	2.58
	Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	
	Hi-PR	272	273	275	280	314	315	317	322	359	360	362	366	366	406	407	409	414	458	459	461	465	513	514	516	520	513	514	516	520
Lo-PR	124	125	128	133	131	132	135	140	137	139	142	147	147	143	144	147	152	148	149	152	158	155	156	159	164	155	156	159	164	
910	MBh	24.5	24.8	25.5	26.6	24.3	24.6	25.3	26.4	23.7	24.0	24.7	25.7	22.6	23.0	23.6	24.7	21.4	21.7	22.4	23.4	20.2	20.5	21.2	22.3	20.2	20.5	21.2	22.3	
	S/T	1.00	1.00	0.89	0.74	1.00	1.00	0.90	0.75	1.00	1.00	0.93	0.78	1.00	1.00	0.95	0.80	1.00	1.00	0.97	0.82	1.00	1.00	1.00	0.87	1.00	1.00	1.00	0.87	
	ΔT	30	28	24	21	30	28	24	21	30	28	24	21	30	28	24	21	29	27	24	20	30	29	25	22	30	29	25	22	
	kW	1.41	1.41	1.41	1.42	1.60	1.60	1.60	1.61	1.81	1.81	1.81	1.82	1.82	2.04	2.03	2.03	2.05	2.29	2.29	2.28	2.30	2.58	2.58	2.58	2.59	2.58	2.58	2.58	2.59
	Amps	5.4	5.4	5.3	5.4	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.1	8.0	8.1	9.2	9.2	9.1	9.1	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.5	
	Hi-PR	275	276	278	282	317	318	320	325	361	362	364	369	369	409	410	412	417	460	462	463	468	515	516	518	523	515	516	518	523
Lo-PR	126	127	131	136	133	135	138	143	140	141	144	149	149	145	147	150	155	150	152	155	160	157	158	161	167	157	158	161	167	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

IDB		OUTDOOR AMBIENT TEMPERATURE																																							
		65°F						75°F						85°F						95°F						105°F						115°F									
		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								
550	AIRFLOW	16.6	16.9	17.4	-	16.5	16.7	17.2	-	16.0	16.3	16.8	-	15.3	15.5	16.0	-	14.4	14.6	15.1	-	13.5	13.8	14.3	-	14.4	14.6	15.1	-	13.5	13.8	14.3	-	14.4	14.6	15.1	-	13.5	13.8	14.3	-
	MBh	0.64	0.55	0.41	-	0.64	0.56	0.41	-	0.67	0.59	0.44	-	0.69	0.61	0.46	-	1.00	0.63	0.49	-	1.00	0.69	0.54	-	1.00	0.63	0.49	-	1.00	0.69	0.54	-	1.00	0.63	0.49	-	1.00	0.69	0.54	-
70	ΔT	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	19	18	14	-	19	19	15	-	19	18	14	-	19	19	15	-	19	18	14	-	19	19	15	-
	kW	0.87	0.87	0.87	-	0.99	0.99	0.99	-	1.12	1.12	1.12	-	1.26	1.26	1.26	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-
75	Amps	3.3	3.3	3.3	-	3.8	3.8	3.8	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-
	Hi PR	255	257	258	-	296	297	299	-	338	339	341	-	384	385	387	-	433	434	436	-	485	486	488	-	433	434	436	-	485	486	488	-	433	434	436	-	485	486	488	-
70	Lo PR	122	124	127	-	130	131	135	-	136	138	141	-	142	144	147	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-
	MBh	16.9	17.1	17.6	-	16.7	17.0	17.5	-	16.3	16.5	17.0	-	15.6	15.8	16.3	-	14.6	14.9	15.4	-	13.8	14.0	14.5	-	14.6	14.9	15.4	-	13.8	14.0	14.5	-	14.6	14.9	15.4	-	13.8	14.0	14.5	-
75	S/T	0.72	0.64	0.49	-	0.73	0.64	0.50	-	0.75	0.67	0.52	-	1.00	0.69	0.55	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-	1.00	0.72	0.57	-	1.00	0.77	0.63	-
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-
75	kW	0.88	0.88	0.88	-	1.00	1.00	1.00	-	1.13	1.13	1.13	-	1.27	1.27	1.27	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-
	Amps	3.3	3.3	3.3	-	3.8	3.8	3.8	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-
75	Hi PR	258	259	261	-	299	300	302	-	341	342	344	-	386	388	389	-	436	437	439	-	488	489	491	-	436	437	439	-	488	489	491	-	436	437	439	-	488	489	491	-
	Lo PR	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	144	146	149	-	156	158	161	-	144	146	149	-	156	158	161	-
550	MBh	16.9	17.1	17.6	-	16.8	17.0	17.5	-	16.6	16.9	17.4	-	15.9	16.1	16.6	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-
	S/T	0.76	0.68	0.53	-	0.77	0.69	0.54	-	0.80	0.71	0.57	-	1.00	0.73	0.59	-	1.00	0.76	0.61	-	1.00	0.81	0.67	-	1.00	0.76	0.61	-	1.00	0.81	0.67	-	1.00	0.76	0.61	-	1.00	0.81	0.67	-
75	ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-
	kW	0.89	0.89	0.88	-	1.01	1.00	1.00	-	1.14	1.14	1.13	-	1.28	1.28	1.28	-	1.44	1.44	1.43	-	1.62	1.62	1.62	-	1.44	1.44	1.43	-	1.62	1.62	1.62	-	1.44	1.44	1.43	-	1.62	1.62	1.62	-
75	Amps	3.4	3.4	3.4	-	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.1	5.1	5.1	-	5.8	5.7	5.7	-	6.6	6.6	6.6	-	5.8	5.7	5.7	-	6.6	6.6	6.6	-	5.8	5.7	5.7	-	6.6	6.6	6.6	-
	Hi PR	261	262	264	-	301	302	304	-	344	345	346	-	389	390	392	-	438	439	441	-	491	492	494	-	438	439	441	-	491	492	494	-	438	439	441	-	491	492	494	-
75	Lo PR	127	129	132	-	135	136	139	-	141	143	146	-	147	148	151	-	152	154	157	-	159	160	164	-	147	148	151	-	159	160	164	-	147	148	151	-	159	160	164	-
	MBh	16.6	16.9	17.4	-	16.5	16.7	17.2	-	16.1	16.3	16.8	-	15.3	15.5	16.0	-	14.4	14.6	15.1	-	13.6	13.8	14.3	-	14.4	14.6	15.1	-	13.6	13.8	14.3	-	14.4	14.6	15.1	-	13.6	13.8	14.3	-
550	S/T	0.77	0.69	0.55	-	0.78	0.70	0.55	-	1.00	0.73	0.58	-	1.00	0.75	0.60	-	1.00	0.77	0.62	-	1.00	0.86	0.71	-	1.00	0.77	0.62	-	1.00	0.86	0.71	-	1.00	0.77	0.62	-	1.00	0.86	0.71	-
	ΔT	24	22	18	-	23	22	18	-	24	22	19	-	23	22	18	-	23	21	18	-	24	23	19	-	23	21	18	-	24	23	19	-	23	21	18	-	24	23	19	-
75	kW	0.87	0.87	0.88	-	0.99	0.99	0.99	-	1.12	1.12	1.12	-	1.26	1.26	1.26	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-	1.42	1.42	1.42	-	1.61	1.61	1.61	-
	Amps	3.3	3.3	3.3	-	3.8	3.8	3.8	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-
75	Hi PR	256	257	259	-	296	297	299	-	338	340	341	-	384	385	387	-	433	434	436	-	486	487	489	-	433	434	436	-	486	487	489	-	433	434	436	-	486	487	489	-
	Lo PR	122	124	127	-	130	131	135	-	136	138	141	-	142	144	147	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-
75	MBh	16.9	17.1	17.6	-	16.8	17.0	17.5	-	16.3	16.6	17.1	-	15.6	15.8	16.3	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-
	S/T	0.86	0.78	0.63	-	0.87	0.78	0.64	-	1.00	0.81	0.66	-	1.00	0.83	0.69	-	1.00	0.86	0.71	-	1.00	1.00	0.76	-	1.00	0.86	0.71	-	1.00	1.00	0.76	-	1.00	0.86	0.71	-	1.00	1.00	0.76	-
75	ΔT	22	20	17	-	22	20	17	-	22	21	17	-	22	20	17	-	22	20	17	-	23	21	18	-	22	20	17	-	23	21	18	-	22	20	17	-	23	21	18	-
	kW	0.88	0.88	0.88	-	1.00	1.00	1.00	-	1.13	1.13	1.13	-	1.27	1.27	1.27	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-	1.43	1.43	1.43	-	1.62	1.62	1.62	-
75	Amps	3.3	3.3	3.3	-	3.8	3.8	3.8	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-
	Hi PR	258	260	261	-	299	300	302	-	341	342	344	-	387	388	390	-	436	437	439	-	488	489	491	-	436	437	439	-	488	489	491	-	436	437	439	-	488	489	491	-
75	Lo PR	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	144	146	149	-	156	158	161	-	144	146	149	-	156	158	161	-
	MBh	17.2	17.5	18.0	-	17.1	17.3	17.8	-	16.6	16.9	17.4	-	15.9	16.1	16.6	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-	14.7	14.9	15.4	-	14.1	14.4	14.9	-
75	S/T	0.76	0.68	0.53	-	0.77	0.69	0.54	-	0.80	0.71	0.57	-	1.00	0.73	0.59	-	1.00	0.76	0.61	-	1.00	0.81	0.67	-	1.00	0.76	0.61	-	1.00	0.81	0.67	-	1.00	0.76	0.					

IDB	AIRFLOW	Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
550	MBh	16.7	17.0	17.5	18.2	18.8	19.5	20.2	21.0	21.8	22.6	23.4	24.2	25.0	25.8	26.6	27.4	28.2	29.0	29.8	30.6	31.4	32.2	33.0	33.8	34.6	35.4	36.2	37.0	37.8	38.6	39.4	40.2	41.0	41.8	42.6	43.4	44.2	45.0	45.8	46.6	47.4	48.2	49.0	49.8	50.6	51.4	52.2	53.0	53.8	54.6	55.4	56.2	57.0	57.8	58.6	59.4	60.2	61.0	61.8	62.6	63.4	64.2	65.0	65.8	66.6	67.4	68.2	69.0	69.8	70.6	71.4	72.2	73.0	73.8	74.6	75.4	76.2	77.0	77.8	78.6	79.4	80.2	81.0	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2	89.0	89.8	90.6	91.4	92.2	93.0	93.8	94.6	95.4	96.2	97.0	97.8	98.6	99.4	100.2	101.0	101.8	102.6	103.4	104.2	105.0	105.8	106.6	107.4	108.2	109.0	109.8	110.6	111.4	112.2	113.0	113.8	114.6	115.4	116.2	117.0	117.8	118.6	119.4	120.2	121.0	121.8	122.6	123.4	124.2	125.0	125.8	126.6	127.4	128.2	129.0	129.8	130.6	131.4	132.2	133.0	133.8	134.6	135.4	136.2	137.0	137.8	138.6	139.4	140.2	141.0	141.8	142.6	143.4	144.2	145.0	145.8	146.6	147.4	148.2	149.0	149.8	150.6	151.4	152.2	153.0	153.8	154.6	155.4	156.2	157.0	157.8	158.6	159.4	160.2	161.0	161.8	162.6	163.4	164.2	165.0	165.8	166.6	167.4	168.2	169.0	169.8	170.6	171.4	172.2	173.0	173.8	174.6	175.4	176.2	177.0	177.8	178.6	179.4	180.2	181.0	181.8	182.6	183.4	184.2	185.0	185.8	186.6	187.4	188.2	189.0	189.8	190.6	191.4	192.2	193.0	193.8	194.6	195.4	196.2	197.0	197.8	198.6	199.4	200.2	201.0	201.8	202.6	203.4	204.2	205.0	205.8	206.6	207.4	208.2	209.0	209.8	210.6	211.4	212.2	213.0	213.8	214.6	215.4	216.2	217.0	217.8	218.6	219.4	220.2	221.0	221.8	222.6	223.4	224.2	225.0	225.8	226.6	227.4	228.2	229.0	229.8	230.6	231.4	232.2	233.0	233.8	234.6	235.4	236.2	237.0	237.8	238.6	239.4	240.2	241.0	241.8	242.6	243.4	244.2	245.0	245.8	246.6	247.4	248.2	249.0	249.8	250.6	251.4	252.2	253.0	253.8	254.6	255.4	256.2	257.0	257.8	258.6	259.4	260.2	261.0	261.8	262.6	263.4	264.2	265.0	265.8	266.6	267.4	268.2	269.0	269.8	270.6	271.4	272.2	273.0	273.8	274.6	275.4	276.2	277.0	277.8	278.6	279.4	280.2	281.0	281.8	282.6	283.4	284.2	285.0	285.8	286.6	287.4	288.2	289.0	289.8	290.6	291.4	292.2	293.0	293.8	294.6	295.4	296.2	297.0	297.8	298.6	299.4	300.2	301.0	301.8	302.6	303.4	304.2	305.0	305.8	306.6	307.4	308.2	309.0	309.8	310.6	311.4	312.2	313.0	313.8	314.6	315.4	316.2	317.0	317.8	318.6	319.4	320.2	321.0	321.8	322.6	323.4	324.2	325.0	325.8	326.6	327.4	328.2	329.0	329.8	330.6	331.4	332.2	333.0	333.8	334.6	335.4	336.2	337.0	337.8	338.6	339.4	340.2	341.0	341.8	342.6	343.4	344.2	345.0	345.8	346.6	347.4	348.2	349.0	349.8	350.6	351.4	352.2	353.0	353.8	354.6	355.4	356.2	357.0	357.8	358.6	359.4	360.2	361.0	361.8	362.6	363.4	364.2	365.0	365.8	366.6	367.4	368.2	369.0	369.8	370.6	371.4	372.2	373.0	373.8	374.6	375.4	376.2	377.0	377.8	378.6	379.4	380.2	381.0	381.8	382.6	383.4	384.2	385.0	385.8	386.6	387.4	388.2	389.0	389.8	390.6	391.4	392.2	393.0	393.8	394.6	395.4	396.2	397.0	397.8	398.6	399.4	400.2	401.0	401.8	402.6	403.4	404.2	405.0	405.8	406.6	407.4	408.2	409.0	409.8	410.6	411.4	412.2	413.0	413.8	414.6	415.4	416.2	417.0	417.8	418.6	419.4	420.2	421.0	421.8	422.6	423.4	424.2	425.0	425.8	426.6	427.4	428.2	429.0	429.8	430.6	431.4	432.2	433.0	433.8	434.6	435.4	436.2	437.0	437.8	438.6	439.4	440.2	441.0	441.8	442.6	443.4	444.2	445.0	445.8	446.6	447.4	448.2	449.0	449.8	450.6	451.4	452.2	453.0	453.8	454.6	455.4	456.2	457.0	457.8	458.6	459.4	460.2	461.0	461.8	462.6	463.4	464.2	465.0	465.8	466.6	467.4	468.2	469.0	469.8	470.6	471.4	472.2	473.0	473.8	474.6	475.4	476.2	477.0	477.8	478.6	479.4	480.2	481.0	481.8	482.6	483.4	484.2	485.0	485.8	486.6	487.4	488.2	489.0	489.8	490.6	491.4	492.2	493.0	493.8	494.6	495.4	496.2	497.0	497.8	498.6	499.4	500.2	501.0	501.8	502.6	503.4	504.2	505.0	505.8	506.6	507.4	508.2	509.0	509.8	510.6	511.4	512.2	513.0	513.8	514.6	515.4	516.2	517.0	517.8	518.6	519.4	520.2	521.0	521.8	522.6	523.4	524.2	525.0	525.8	526.6	527.4	528.2	529.0	529.8	530.6	531.4	532.2	533.0	533.8	534.6	535.4	536.2	537.0	537.8	538.6	539.4	540.2	541.0	541.8	542.6	543.4	544.2	545.0	545.8	546.6	547.4	548.2	549.0	549.8	550.6	551.4	552.2	553.0	553.8	554.6	555.4	556.2	557.0	557.8	558.6	559.4	560.2	561.0	561.8	562.6	563.4	564.2	565.0	565.8	566.6	567.4	568.2	569.0	569.8	570.6	571.4	572.2	573.0	573.8	574.6	575.4	576.2	577.0	577.8	578.6	579.4	580.2	581.0	581.8	582.6	583.4	584.2	585.0	585.8	586.6	587.4	588.2	589.0	589.8	590.6	591.4	592.2	593.0	593.8	594.6	595.4	596.2	597.0	597.8	598.6	599.4	600.2	601.0	601.8	602.6	603.4	604.2	605.0	605.8	606.6	607.4	608.2	609.0	609.8	610.6	611.4	612.2	613.0	613.8	614.6	615.4	616.2	617.0	617.8	618.6	619.4	620.2	621.0	621.8	622.6	623.4	624.2	625.0	625.8	626.6	627.4	628.2	629.0	629.8	630.6	631.4	632.2	633.0	633.8	634.6	635.4	636.2	637.0	637.8	638.6	639.4	640.2	641.0	641.8	642.6	643.4	644.2	645.0	645.8	646.6	647.4	648.2	649.0	649.8	650.6	651.4	652.2	653.0	653.8	654.6	655.4	656.2	657.0	657.8	658.6	659.4	660.2	661.0	661.8	662.6	663.4	664.2	665.0	665.8	666.6	667.4	668.2	669.0	669.8	670.6	671.4	672.2	673.0	673.8	674.6	675.4	676.2	677.0	677.8	678.6	679.4	680.2	681.0	681.8	682.6	683.4	684.2	685.0	685.8	686.6	687.4	688.2	689.0	689.8	690.6	691.4	692.2	693.0	693.8	694.6	695.4	696.2	697.0	697.8	698.6	699.4	700.2	701.0	701.8	702.6	703.4	704.2	705.0	705.8	706.6	707.4	708.2	709.0	709.8	710.6	711.4	712.2	713.0	713.8	714.6	715.4	716.2	717.0	717.8	718.6	719.4	720.2	721.0	721.8	722.6	723.4	724.2	725.0	725.8	726.6	727.4	728.2	729.0	729.8	730.6	731.4	732.2	733.0	733.8	734.6	735.4	736.2	737.0	737.8	738.6	739.4	740.2	741.0	741.8	742.6	743.4	744.2	745.0	745.8	746.6	747.4	748.2	749.0	749.8	750.6	751.4	752.2	753.0	753.8	754.6	755.4	756.2	757.0	757.8	758.6	759.4	760.2	761.0	761.8	762.6	763.4	764.2	765.0	765.8	766.6	767.4	768.2	769.0	769.8	770.6	771.4	772.2	773.0	773.8	774.6	775.4	776.2	777.0	777.8	778.6	779.4	780.2	781.0	781.8	782.6	783.4	784.2	785.0	785.8	786.6	787.4	788.2	789.0	789.8	790.6	791.4	792.2	793.0	793.8	794.6	795.4	796.2	797.0	797.8	798.6	799.4	800.2	801.0	801.8	802.6	803.4	804.2	805.0	805.8	806.6	807.4	808.2	809.0	809.8	810.6	811.4	812.2	813.0	813.8	814.6	815.4	816.2	817.0	817.8	818.6	819.4	820.2	821.0	821.8	822.6	823.4	824.2	825.0	825.8	826.6	827.4	828.2	829.0	829.8	830.6	831.4	832.2	833.0	833.8	834.6	835.4	836.2	837.0	837.8	838.6	839.4	840.2	841.0	841.8	842.6	843.4	844.2	845.0	845.8	846.6	847.4	848.2	849.0	849.8	850.6	851.4	852.2	853.0	853.8	854.6	855.4	856.2	857.0	857.8	858.6	859.4	860.2	861.0	861.8	862.6	863.4	864.2	865.0	865.8	866.6	867.4	868.2	869.0	869.8	870.6	871.4	872.2	873.0	873.8	874.6	875.4	876.2	877.0	877.8	878.6	879.4	880.2	881.0	881.8	882.6	883.4	884.2	885.0	885.8	886.6	887.4	888.2	889.0	889.8	890.6	891.4	892.2	893.0	893.8	894.6	895.4	896.2	897.0	897.8	898.6	899.4	900.2	901.0	901.8	902.6	903.4	904.2	905.0	905.8	906.6	907.4	908.2	909.0	909.8	910.6	911.4	912.2	913.0	913.8	914.6	915.4	916.2	917.0	917.8	918.6	919.4	920.2	921.0	921.8	922.6	923.4	924.2	925.0	925.8	926.6	927.4	928.2	929.0	929.8	930.6	931.4	932.2	933.0	933.8	934.6	935.4	936.2	937.0	937.8	938.6	939.4	940.2	941.0	941.8	942.6	943.4	944.2	945.0	945.8	946.6	947.4	948.2	949.0	949.8	950.6	951.4	952.2	953.0	953.8	954.6	955.4	956.2	957.0	957.8	958.6	959.4	960.2	961.0	961.8	962.6	963.4	964.2	965.0	965.8	966.6	967.4	968.2	969.0	969.8	970.6

IDB		OUTDOOR AMBIENT TEMPERATURE														ENTERING INDOOR WET BULB TEMPERATURE														SHADDED AREA IS ACCA (TVA) CONDITIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		65°F							75°F							85°F							95°F							105°F							115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		59	63	67	71	75	79	83	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
860		MBh	28.8	29.2	30.1	-	28.6	29.0	29.8	-	27.8	28.2	29.1	-	26.5	26.9	27.8	-	24.9	25.3	26.2	-	23.5	23.9	24.8	-	MBh	29.3	29.7	30.5	-	29.0	29.4	30.3	-	28.3	28.7	29.5	-	27.0	27.4	28.2	-	25.4	25.8	26.6	-	23.9	24.3	25.2	-	MBh	28.8	29.2	30.1	-	28.8	29.2	30.1	-	28.8	29.2	30.1	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.5	24.9	25.8	-	MBh	28.8	29.3	30.1	31.4	-	28.6	29.0	29.9	31.2	-	27.8	28.2	29.1	30.4	-	26.5	26.9	27.8	29.1	-	24.9	25.4	26.2	27.5	-	MBh	29.8	30.2	31.1	-	29.6	30.0	30.8	-	28.8	29.2	30.1	-	28.8	29.2	30.1	-	27.5	27.9	28.8	-	25.9	26.3	27.2	-	24.5	24.9	25.8	-	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.60	-	1.00	0.80	0.66	-	S/T	0.71	0.63	0.48	-	0.72	0.64	0.49	-	0.74	0.66	0.52	-	0.76	0.68	0.54	-	0.78	0.70	0.56	-	1.00	0.75	0.60	-	1.00	0.80	0.66	-	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	19	17	13	-	18	17	13	-	18	17	13	-	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	18	16	12	-	18	16	12	-	17	15	12	-	17	15	12	-	kW	1.86	1.86	1.85	-	2.10	2.09	2.09	-	2.36	2.36	2.35	-	2.65	2.64	2.64	-	2.98	2.98	2.97	-	3.35	3.35	3.35	-	3.35	3.35	3.35	-	kW	1.87	1.87	1.87	-	2.11	2.11	2.11	-	2.38	2.37	2.37	-	2.66	2.66	2.65	-	2.98	2.98	2.97	-	3.35	3.35	3.35	-	3.35	3.35	3.35	-	Amps	6.9	6.9	6.9	-	7.9	7.9	7.9	-	9.1	9.0	9.0	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	13.3	13.3	13.3	-	13.3	13.3	13.3	-	Amps	6.9	6.9	6.9	-	7.9	7.9	7.9	-	9.1	9.0	9.0	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	13.3	13.3	13.3	-	13.3	13.3	13.3	-	Hi PR	279	280	282	-	323	325	326	-	370	371	373	-	419	421	422	-	473	474	476	-	530	531	533	-	530	531	533	-	Hi PR	282	283	285	-	326	327	329	-	372	374	376	-	422	423	425	-	476	477	479	-	533	534	536	-	533	534	536	-	Lo PR	119	120	123	-	126	127	130	-	132	134	137	-	138	139	142	-	143	144	147	-	149	151	154	-	149	151	154	-	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	140	141	144	-	145	146	149	-	151	153	156	-	151	153	156	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428	-	479	480	482	-	536	537	539	-	536	537	539	-	Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	154	155	158	-	Hi PR	285	286	288	-	329	330	332	-	375	376	378	-	425	426	428

IDB	OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																														
	65°F					75°F					85°F					95°F					105°F					115°F																																																																																																																																																					
	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																																																																																																																																																																														
860	MBh	29.0	29.4	30.3	31.6	28.7	29.1	30.0	31.3	28.0	28.4	29.3	30.6	26.7	27.1	28.0	29.3	25.1	25.5	26.4	27.7	23.7	24.1	24.9	26.2	S/T	0.90	0.82	0.68	0.52	1.00	0.85	0.71	0.56	1.00	0.87	0.73	0.58	1.00	0.90	0.75	0.60	1.00	0.90	0.81	0.75	0.60	1.00	1.00	0.81	0.66	ΔT	1.86	1.86	1.85	1.87	2.10	2.09	2.09	2.11	2.36	2.36	2.36	2.35	2.37	2.65	2.64	2.64	2.66	2.96	2.96	2.96	2.96	3.34	3.34	3.33	3.35	Amps	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	9.0	9.0	9.0	9.0	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	Hi PR	280	281	283	288	324	325	327	332	370	371	373	378	420	420	421	423	428	474	475	477	482	531	532	534	539	Lo PR	119	121	124	129	126	128	131	136	133	134	137	142	138	140	140	143	148	143	145	148	153	150	151	154	159																				
80 1010	MBh	29.4	29.8	30.7	32.0	29.2	29.6	30.5	31.8	28.4	28.8	29.7	31.0	27.1	27.5	28.4	29.7	25.5	26.0	26.8	28.1	24.1	24.5	25.4	26.7	S/T	0.98	0.90	0.76	0.60	1.00	0.91	0.76	0.61	1.00	0.95	0.81	0.66	1.00	0.95	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.89	0.74	ΔT	2.7	2.5	2.2	1.8	2.7	2.5	2.2	1.8	2.7	2.5	2.1	1.8	2.7	2.5	2.1	1.8	2.7	2.5	2.1	1.8	2.8	2.6	2.2	1.9	kw	1.87	1.87	1.87	1.89	2.11	2.11	2.11	2.12	2.37	2.37	2.37	2.39	2.66	2.66	2.65	2.67	2.98	2.98	2.97	2.99	3.35	3.35	3.35	3.37	Amps	6.9	6.9	6.9	6.9	7.9	7.9	7.9	8.0	9.1	9.0	9.0	9.1	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7	13.3	13.3	13.3	13.4	Hi PR	283	284	286	291	327	328	330	335	373	374	376	381	423	424	426	431	477	478	480	485	534	535	537	542	Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	142	145	150	145	147	150	155	152	153	156	162
1160	MBh	30.0	30.4	31.3	32.6	29.7	30.1	31.0	32.3	29.0	29.4	30.2	31.6	27.7	28.1	29.0	30.3	26.1	26.5	27.4	28.7	24.6	25.1	25.9	27.2	S/T	1.00	0.94	0.80	0.64	1.00	0.95	0.80	0.65	1.00	0.97	0.83	0.68	1.00	0.99	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.93	0.78	ΔT	2.6	2.4	2.0	1.7	2.6	2.4	2.1	1.7	2.6	2.4	2.1	1.7	2.6	2.4	2.0	1.7	2.5	2.4	2.0	1.7	2.7	2.5	2.1	1.8	kw	1.89	1.88	1.88	1.90	2.12	2.12	2.12	2.14	2.39	2.38	2.38	2.40	2.67	2.67	2.67	2.68	2.99	2.99	2.99	3.00	3.37	3.36	3.36	3.38	Amps	6.9	6.9	6.9	7.0	8.0	7.9	8.0	9.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8	13.4	13.4	13.4	13.4	Hi PR	286	287	289	294	330	331	333	338	376	377	379	384	426	427	429	434	479	481	482	487	537	538	540	545	Lo PR	124	125	128	133	131	132	135	140	137	139	142	147	142	144	147	152	148	149	152	157	154	156	159	164

860	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.7	31.1	27.2	27.6	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7	S/T	1.00	0.93	0.78	0.63	1.00	0.93	0.79	0.64	1.00	1.00	0.82	0.66	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.71	1.00	1.00	0.92	0.76	ΔT	3.2	3.0	2.7	2.3	3.2	3.0	2.6	2.3	3.2	3.0	2.6	2.3	3.2	3.0	2.6	2.3	3.1	3.0	2.6	2.3	3.3	3.1	2.7	2.4	kw	1.86	1.86	1.86	1.88	2.10	2.10	2.09	2.11	2.36	2.36	2.36	2.38	2.65	2.65	2.64	2.66	2.97	2.97	2.96	2.98	3.34	3.34	3.34	3.36	Amps	6.8	6.8	6.8	6.9	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.3	13.3	13.3	13.3	Hi PR	281	282	284	289	325	327	329	333	372	373	375	380	421	423	425	429	475	476	478	483	532	534	535	540	Lo PR	121	122	125	130	128	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	152	153	156	161
85 1010	MBh	29.9	30.3	31.2	32.5	29.7	30.1	30.9	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2	S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.87	0.72	1.00	1.00	0.90	0.74	1.00	1.00	0.92	0.76	1.00	1.00	0.94	0.79	1.00	1.00	0.90	0.84	ΔT	3.0	2.9	2.5	2.2	3.0	2.9	2.5	2.2	3.1	2.9	2.5	2.2	3.0	2.9	2.5	2.2	3.0	2.8	2.5	2.1	3.1	2.9	2.6	2.2	kw	1.88	1.88	1.87	1.89	2.12	2.11	2.11	2.13	2.38	2.38	2.37	2.39	2.66	2.66	2.66	2.68	2.98	2.98	2.98	3.00	3.36	3.36	3.35	3.37	Amps	6.9	6.9	6.9	6.9	7.9	7.9	7.9	8.0	9.1	9.1	9.0	9.1	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8	13.3	13.3	13.3	13.4	Hi PR	284	285	287	292	328	329	331	336	374	376	378	382	424	425	427	432	478	479	481	486	535	536	538	543	Lo PR	123	124	128	133	130	132	135	140	137	138	141	146	142	143	146	151	147	149	152	157	154	155	158	163
1160	MBh	30.5	30.9	31.7	33.1	30.2	30.6	31.5	32.8	29.5	29.9	30.7	32.1	28.2	28.6	29.4	30.8	26.6	27.0	27.9	29.2	25.1	25.5	26.4	27.7	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	0.81	1.00	1.00	0.98	0.83	1.00	1.00	0.90	0.88	ΔT	2.9	2.7	2.4	2.1	2.9	2.7	2.4	2.0	3.0	2.8	2.4	2.1	2.9	2.7	2.4	2.0	2.9	2.7	2.4	2.0	3.0	2.8	2.5	2.1	kw	1.89	1.89	1.89	1.90	2.13	2.13	2.12	2.14	2.39	2.39	2.39	2.40	2.68	2.67	2.67	2.69	3.00	2.99	2.99	3.01	3.37	3.37	3.36	3.38	Amps	6.9	6.9	6.9	7.0	8.0	8.0	8.0	8.0	9.1	9.1	9.1	9.2	10.4	10.4	10.4	10.4	11.8	11.7	11.7	11.8	13.4	13.4	13.4	13.4	Hi PR	287	288	290	295	331	332	334	339	377	378	380	385	427	428	430	435	481	482	484	489	538	539	541	546	Lo PR	125	127	130	135	133	134	137	142	139	140	143	148	144	146	149	154	150	151	154	159	156	158	161	166

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
710	MBh	20.7	21.0	21.6	-	20.5	20.8	21.4	-	20.0	20.3	20.9	-	19.1	19.3	20.0	-	17.9	18.2	18.8	-	16.9	17.2	17.8	-
	S/T	0.64	0.56	0.41	-	0.65	0.57	0.42	-	0.68	0.59	0.45	-	0.70	0.61	0.47	-	1.00	0.64	0.49	-	1.00	0.70	0.55	-
	ΔT	19	18	14	-	19	18	14	-	20	18	15	-	19	18	14	-	19	17	14	-	20	18	15	-
	kW	1.17	1.17	1.17	-	1.32	1.32	1.31	-	1.48	1.48	1.48	-	1.66	1.66	1.66	-	1.86	1.86	1.86	-	2.10	2.10	2.10	-
	Amps	4.3	4.3	4.3	-	4.9	4.9	4.9	-	5.7	5.6	5.6	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.3	8.3	8.3	-
	Hi PR	267	268	270	-	309	310	312	-	353	354	356	-	401	402	404	-	452	453	455	-	507	508	510	-
	Lo PR	122	123	126	-	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	153	155	158	-
	MBh	21.0	21.3	22.0	-	20.9	21.2	21.8	-	20.3	20.6	21.2	-	19.4	19.7	20.3	-	18.2	18.5	19.2	-	17.2	17.5	18.1	-
	S/T	0.73	0.65	0.50	-	0.74	0.65	0.50	-	0.76	0.68	0.53	-	1.00	0.70	0.55	-	1.00	0.73	0.58	-	1.00	0.78	0.63	-
	ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
70 840	kW	1.18	1.18	1.18	-	1.33	1.33	1.32	-	1.49	1.49	1.49	-	1.67	1.67	1.67	-	1.87	1.87	1.87	-	2.11	2.11	2.11	-
	Amps	4.3	4.3	4.3	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	7.3	7.3	7.3	-	8.4	8.4	8.4	-
	Hi PR	270	271	273	-	312	313	315	-	356	357	359	-	404	405	407	-	455	456	458	-	510	511	513	-
	Lo PR	124	126	129	-	131	133	136	-	138	140	143	-	144	145	148	-	149	150	154	-	156	157	160	-
	MBh	21.4	21.7	22.3	-	21.2	21.5	22.2	-	20.7	21.0	21.6	-	19.8	20.1	20.7	-	18.6	18.9	19.5	-	17.6	17.9	18.5	-
	S/T	0.77	0.69	0.54	-	0.78	0.69	0.54	-	0.80	0.72	0.57	-	1.00	0.74	0.59	-	1.00	0.77	0.62	-	1.00	0.82	0.67	-
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	18	16	13	-
	kW	1.19	1.19	1.18	-	1.34	1.33	1.33	-	1.50	1.50	1.50	-	1.68	1.68	1.68	-	1.88	1.88	1.88	-	2.12	2.12	2.11	-
	Amps	4.4	4.4	4.3	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-
	Hi PR	272	273	275	-	314	315	317	-	359	360	362	-	406	407	409	-	457	459	460	-	512	513	515	-
Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	147	150	-	151	153	156	-	158	159	163	-	

710	MBh	20.7	21.0	21.6	22.6	20.5	20.8	21.5	22.4	20.0	20.3	20.9	21.9	19.1	19.4	20.0	20.9	17.9	18.2	18.8	19.8	16.9	17.2	17.8	18.7
	S/T	0.78	0.70	0.55	0.40	0.79	0.71	0.56	0.40	1.00	0.73	0.59	0.43	1.00	0.76	0.61	0.45	1.00	0.78	0.63	0.48	1.00	1.00	0.69	0.53
	ΔT	23	22	18	15	23	22	18	15	24	22	18	15	23	21	18	15	23	21	18	15	24	22	19	16
	kW	1.17	1.17	1.16	1.18	1.32	1.32	1.31	1.32	1.48	1.48	1.48	1.49	1.66	1.66	1.66	1.67	1.86	1.86	1.86	1.87	2.10	2.10	2.09	2.11
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.4
	Hi PR	267	268	270	275	309	310	312	317	353	355	356	361	401	402	404	409	452	453	455	460	507	508	510	515
	Lo PR	122	123	126	132	129	131	134	139	136	137	140	146	141	143	146	151	147	148	151	157	153	155	158	163
	MBh	21.1	21.4	22.0	22.9	20.9	21.2	21.8	22.7	20.3	20.6	21.2	22.2	19.4	19.7	20.3	21.3	18.3	18.6	19.2	20.1	17.2	17.5	18.1	19.1
	S/T	0.87	0.79	0.64	0.48	0.88	0.79	0.65	0.49	1.00	0.82	0.67	0.52	1.00	0.84	0.69	0.54	1.00	0.87	0.72	0.56	1.00	1.00	0.77	0.62
	ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	23	21	18	14
75 840	kW	1.18	1.18	1.17	1.19	1.33	1.33	1.32	1.33	1.49	1.49	1.49	1.50	1.67	1.67	1.67	1.68	1.87	1.87	1.87	1.88	2.11	2.11	2.10	2.12
	Amps	4.3	4.3	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.5	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4
	Hi PR	270	271	273	278	312	313	315	320	356	357	359	364	404	405	407	412	455	456	458	463	510	511	513	518
	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	166
	MBh	21.4	21.7	22.4	23.3	21.3	21.5	22.2	23.1	20.7	21.0	21.6	22.6	19.8	20.1	20.7	21.6	18.6	18.9	19.6	20.5	17.6	17.9	18.5	19.5
	S/T	0.91	0.83	0.68	0.52	1.00	0.83	0.69	0.53	1.00	0.86	0.71	0.56	1.00	0.88	0.73	0.58	1.00	0.91	0.76	0.60	1.00	1.00	0.81	0.66
	ΔT	21	19	16	12	21	19	16	12	21	19	16	13	21	19	16	12	21	19	16	12	22	20	17	13
	kW	1.19	1.18	1.18	1.19	1.33	1.33	1.33	1.34	1.50	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.88	1.88	1.88	1.89	2.12	2.11	2.11	2.12
	Amps	4.4	4.3	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4
	Hi PR	272	274	275	280	315	316	318	322	359	360	362	366	406	407	409	414	458	459	461	465	512	514	515	520
Lo PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	160	163	168	

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

		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE															
		65°F				75°F				85°F				95°F				105°F				115°F							
IDB	AIRFLOW	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
710	MBh	20.8	21.1	21.8	22.7	20.7	20.9	21.6	22.5	20.1	20.4	21.0	22.0	19.2	19.5	20.1	21.0	18.0	18.3	18.9	19.9	17.0	17.3	17.9	18.9	17.0	17.3	17.9	18.9
	S/T	0.92	0.84	0.69	0.53	1.00	0.84	0.70	0.54	1.00	0.87	0.72	0.57	1.00	0.89	0.74	0.59	1.00	1.00	0.77	0.61	1.00	1.00	0.77	0.61	1.00	1.00	0.83	0.67
	ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	20	28	26	23	20
	kW	1.17	1.17	1.17	1.18	1.32	1.32	1.31	1.33	1.48	1.48	1.48	1.49	1.66	1.66	1.66	1.67	1.86	1.86	1.86	1.87	2.10	2.10	2.10	2.11	2.10	2.10	2.10	2.11
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	5.0	5.7	5.6	5.6	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4
	Hi PR	267	269	271	275	310	311	313	317	354	355	357	362	401	403	404	409	453	454	456	460	508	509	511	515	508	509	511	515
Lo PR	122	124	127	132	130	131	134	140	136	138	141	146	142	143	146	152	147	149	152	157	154	156	159	164	154	156	159	164	
80 840	MBh	21.2	21.5	22.1	23.0	21.0	21.3	21.9	22.8	20.4	20.7	21.4	22.3	19.5	19.8	20.4	21.4	18.4	18.7	19.3	20.2	17.3	17.6	18.2	19.2	17.3	17.6	18.2	19.2
	S/T	1.00	0.92	0.78	0.62	1.00	0.93	0.78	0.63	1.00	0.96	0.81	0.65	1.00	1.00	0.83	0.67	1.00	1.00	0.86	0.70	1.00	1.00	0.91	0.76	1.00	1.00	0.91	0.76
	ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	26	24	21	17	27	25	22	18	27	25	22	18
	kW	1.18	1.18	1.18	1.19	1.33	1.33	1.32	1.34	1.49	1.49	1.49	1.50	1.67	1.67	1.67	1.68	1.87	1.87	1.87	1.88	2.11	2.11	2.11	2.12	2.11	2.11	2.11	2.12
	Amps	4.3	4.3	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.5	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	Hi PR	270	271	273	278	313	314	316	320	357	358	360	364	404	405	407	412	456	457	459	463	510	512	513	518	510	512	513	518
Lo PR	125	126	129	134	132	134	137	142	139	140	143	148	144	146	149	154	149	151	154	159	156	158	161	166	156	158	161	166	
960	MBh	21.5	21.8	22.5	23.4	21.4	21.7	22.3	23.2	20.8	21.1	21.7	22.7	19.9	20.2	20.8	21.7	18.7	19.0	19.7	20.6	17.7	18.0	18.6	19.6	17.7	18.0	18.6	19.6
	S/T	1.00	0.96	0.82	0.66	1.00	0.97	0.82	0.67	1.00	1.00	0.85	0.69	1.00	1.00	0.87	0.72	1.00	1.00	0.90	0.74	1.00	1.00	0.95	0.80	1.00	1.00	0.95	0.80
	ΔT	25	23	20	16	25	23	20	16	25	23	20	17	25	23	20	16	25	23	19	16	26	24	21	17	26	24	21	17
	kW	1.19	1.19	1.18	1.19	1.34	1.33	1.33	1.34	1.50	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.88	1.88	1.88	1.89	2.12	2.12	2.11	2.12	2.12	2.12	2.11	2.12
	Amps	4.4	4.4	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	Hi PR	273	274	276	281	315	316	318	323	359	360	362	367	407	408	410	415	458	459	461	466	513	514	516	521	513	514	516	521
Lo PR	127	128	132	137	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	168	159	160	163	168	

710	MBh	21.2	21.5	22.1	23.0	21.0	21.3	21.9	22.9	20.5	20.8	21.4	22.3	19.5	19.8	20.4	21.4	18.4	18.7	19.3	20.2	17.3	17.6	18.3	19.2	17.3	17.6	18.3	19.2
	S/T	1.00	0.95	0.80	0.64	1.00	0.96	0.81	0.65	1.00	1.00	0.83	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.88	0.72	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.78
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	30	29	25	22	32	30	26	23	32	30	26	23
	kW	1.17	1.17	1.17	1.18	1.32	1.32	1.32	1.33	1.49	1.49	1.48	1.49	1.67	1.67	1.66	1.67	1.87	1.87	1.86	1.87	2.10	2.10	2.10	2.11	2.10	2.10	2.10	2.11
	Amps	4.3	4.3	4.3	4.3	4.9	4.9	4.9	5.0	5.7	5.7	5.6	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.4	8.3	8.3	8.3	8.4
	Hi PR	269	270	272	276	311	312	314	319	355	356	358	363	403	404	406	410	454	455	457	462	509	510	512	516	509	510	512	516
Lo PR	124	126	129	134	132	133	136	142	138	140	143	148	144	145	148	154	149	151	154	159	156	157	160	166	156	157	160	166	
85 840	MBh	21.5	21.8	22.4	23.4	21.3	21.6	22.2	23.2	20.8	21.1	21.7	22.7	19.9	20.1	20.8	21.7	18.7	19.0	19.6	20.6	17.7	18.0	18.6	19.5	17.7	18.0	18.6	19.5
	S/T	1.00	1.00	0.89	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.92	0.76	1.00	1.00	0.94	0.79	1.00	1.00	0.97	0.81	1.00	1.00	1.00	0.87	1.00	1.00	1.00	0.87
	ΔT	29	28	24	21	29	28	24	21	30	28	24	21	29	28	24	21	29	27	24	21	30	28	25	22	30	28	25	22
	kW	1.18	1.18	1.18	1.19	1.33	1.33	1.33	1.34	1.50	1.50	1.49	1.50	1.68	1.67	1.67	1.68	1.88	1.88	1.87	1.88	2.11	2.11	2.11	2.12	2.11	2.11	2.11	2.12
	Amps	4.3	4.3	4.3	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.3	7.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	Hi PR	272	273	275	279	314	315	317	321	358	359	361	366	406	407	409	413	457	458	460	465	512	513	515	519	512	513	515	519
Lo PR	126	128	131	136	134	135	139	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168	158	160	163	168	
960	MBh	21.9	22.2	22.8	23.8	21.7	22.0	22.6	23.6	21.2	21.5	22.1	23.0	20.2	20.5	21.1	22.1	19.1	19.4	20.0	21.0	18.1	18.3	19.0	19.9	18.1	18.3	19.0	19.9
	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	1.00	0.85	1.00	1.00	1.00	0.91	1.00	1.00	1.00	0.91
	ΔT	28	27	23	20	28	27	23	20	29	27	23	20	28	27	23	20	28	26	23	20	29	27	24	21	29	27	24	21
	kW	1.19	1.19	1.19	1.20	1.34	1.34	1.33	1.35	1.50	1.50	1.50	1.51	1.68	1.68	1.68	1.69	1.88	1.88	1.88	1.89	2.12	2.12	2.12	2.13	2.12	2.12	2.12	2.13
	Amps	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.8	6.5	6.5	6.5	6.6	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
	Hi PR	274	275	277	282	316	317	319	324	360	362	364	368	408	409	411	416	459	461	462	467	514	515	517	522	514	515	517	522
Lo PR	129	130	133	139	136	138	141	146	143	144	147	153	148	150	153	158	154	155	158	163	160	162	165	170	160	162	165	170	

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area is AHRI (TVA) conditions

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

IDB	OUTDOOR AMBIENT TEMPERATURE																																																																																																																												
	65°F								75°F								85°F								95°F								105°F								115°F																																																																																				
	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87																																																																																					
	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																												
	MBh	34.7	35.2	36.2	-	34.4	34.9	35.9	-	33.5	34.0	35.0	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	24.1	24.5	25.4	-	MBh	34.7	35.2	36.2	-	34.4	34.9	35.9	-	33.5	34.0	35.0	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	24.1	24.5	25.4	-	MBh	34.7	35.2	36.2	-	34.4	34.9	35.9	-	33.5	34.0	35.0	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	24.1	24.5	25.4	-	MBh	34.7	35.2	36.2	-	34.4	34.9	35.9	-	33.5	34.0	35.0	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	24.1	24.5	25.4	-	MBh	34.7	35.2	36.2	-	34.4	34.9	35.9	-	33.5	34.0	35.0	-	31.9	32.4	33.4	-	30.0	30.5	31.5	-	24.1	24.5	25.4	-
	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.59	-	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.59	-	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.59	-	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.59	-	S/T	0.63	0.55	0.40	-	0.64	0.56	0.41	-	0.67	0.58	0.44	-	0.69	0.60	0.46	-	0.71	0.63	0.48	-	1.00	0.75	0.59	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-
1050	kW	2.54	2.53	2.53	-	2.88	2.87	2.87	-	3.25	3.25	3.25	-	3.66	3.66	3.65	-	4.12	4.12	4.11	-	4.04	4.04	4.04	-	kW	2.54	2.53	2.53	-	2.88	2.87	2.87	-	3.25	3.25	3.25	-	3.66	3.66	3.65	-	4.12	4.12	4.11	-	4.04	4.04	4.04	-	kW	2.54	2.53	2.53	-	2.88	2.87	2.87	-	3.25	3.25	3.25	-	3.66	3.66	3.65	-	4.12	4.12	4.11	-	4.04	4.04	4.04	-	kW	2.54	2.53	2.53	-	2.88	2.87	2.87	-	3.25	3.25	3.25	-	3.66	3.66	3.65	-	4.12	4.12	4.11	-	4.04	4.04	4.04	-	kW	2.54	2.53	2.53	-	2.88	2.87	2.87	-	3.25	3.25	3.25	-	3.66	3.66	3.65	-	4.12	4.12	4.11	-	4.04	4.04	4.04	-
	Hi PR	284	286	288	-	329	330	332	-	376	378	380	-	427	428	430	-	482	483	485	-	512	514	515	-	Hi PR	284	286	288	-	329	330	332	-	376	378	380	-	427	428	430	-	482	483	485	-	512	514	515	-	Hi PR	284	286	288	-	329	330	332	-	376	378	380	-	427	428	430	-	482	483	485	-	512	514	515	-	Hi PR	284	286	288	-	329	330	332	-	376	378	380	-	427	428	430	-	482	483	485	-	512	514	515	-	Hi PR	284	286	288	-	329	330	332	-	376	378	380	-	427	428	430	-	482	483	485	-	512	514	515	-
	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	136	139	-	139	141	144	-	159	161	164	-	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	136	139	-	139	141	144	-	159	161	164	-	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	136	139	-	139	141	144	-	159	161	164	-	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	136	139	-	139	141	144	-	159	161	164	-	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	136	139	-	139	141	144	-	159	161	164	-
	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	24.6	25.0	25.9	-	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	24.6	25.0	25.9	-	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	24.6	25.0	25.9	-	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	24.6	25.0	25.9	-	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	24.6	25.0	25.9	-
	S/T	0.72	0.63	0.49	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	0.77	0.69	0.54	-	0.79	0.71	0.57	-	1.00	0.84	0.68	-	S/T	0.72	0.63	0.49	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	0.77	0.69	0.54	-	0.79	0.71	0.57	-	1.00	0.84	0.68	-	S/T	0.72	0.63	0.49	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	0.77	0.69	0.54	-	0.79	0.71	0.57	-	1.00	0.84	0.68	-	S/T	0.72	0.63	0.49	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	0.77	0.69	0.54	-	0.79	0.71	0.57	-	1.00	0.84	0.68	-	S/T	0.72	0.63	0.49	-	0.72	0.64	0.49	-	0.75	0.67	0.52	-	0.77	0.69	0.54	-	0.79	0.71	0.57	-	1.00	0.84	0.68	-
	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	18	16	13	-	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	18	16	13	-	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	18	16	13	-	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	18	16	13	-	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	18	16	13	-
70 1240	kW	2.56	2.56	2.55	-	2.90	2.90	2.89	-	3.28	3.27	3.27	-	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.06	4.06	4.05	-	kW	2.56	2.56	2.55	-	2.90	2.90	2.89	-	3.28	3.27	3.27	-	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.06	4.06	4.05	-	kW	2.56	2.56	2.55	-	2.90	2.90	2.89	-	3.28	3.27	3.27	-	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.06	4.06	4.05	-	kW	2.56	2.56	2.55	-	2.90	2.90	2.89	-	3.28	3.27	3.27	-	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.06	4.06	4.05	-	kW	2.56	2.56	2.55	-	2.90	2.90	2.89	-	3.28	3.27	3.27	-	3.69	3.68	3.68	-	4.14	4.14	4.13	-	4.06	4.06	4.05	-
	Hi PR	287	289	291	-	332	333	335	-	379	381	383	-	430	431	433	-	485	486	488	-	515	516	518	-	Hi PR	287	289	291	-	332	333	335	-	379	381	383	-	430	431	433	-	485	486	488	-	515	516	518	-	Hi PR	287	289	291	-	332	333	335	-	379	381	383	-	430	431	433	-	485	486	488	-	515	516	518	-	Hi PR	287	289	291	-	332	333	335	-	379	381	383	-	430	431	433	-	485	486	488	-	515	516	518	-	Hi PR	287	289	291	-	332	333	335	-	379	381	383	-	430	431	433	-	485	486	488	-	515	516	518	-
	Lo PR	118	119	122	-	125	126	129	-	131	133	136	-	136	138	141	-	142	143	146	-	161	163	166	-	Lo PR	118	119	122	-	125	126	129	-	131	133	136	-	136	138	141	-	142	143	146	-	161	163	166	-	Lo PR	118	119	122	-	125	126	129	-	131	133	136	-	136	138	141	-	142	143	146	-	161	163	166	-	Lo PR	118	119	122	-	125	126	129	-	131	133	136	-	136	138	141	-	142	143	146	-	161	163	166	-	Lo PR	118	119	122	-	125	126	129	-	131	133	136	-	136	138	141	-	142	143	146	-	161	163	166	-
	MBh	35.9	36.4	37.5	-	35.6	36.1	37.2	-	34.7	35.2	36.3	-	33.2	33.6	34.7	-	31.2	31.7	32.8	-	25.2	25.6	26.5	-	MBh	35.9	36.4	37.5	-	35.6	36.1	37.2	-	34.7	35.2	36.3	-	33.2	33.6	34.7	-	31.2	31.7	32.8	-	25.2	25.																																																																													

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		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								
1050	MBh	34.9	35.4	36.4	38.0	34.6	35.1	36.1	37.7	33.7	34.2	35.2	36.8	32.1	32.6	33.7	35.2	30.2	30.7	31.7	33.3	24.3	24.7	25.6	26.9												
	S/T	0.91	0.82	0.68	0.52	1.00	0.83	0.68	0.53	1.00	0.86	0.71	0.56	1.00	0.88	0.73	0.58	1.00	0.90	0.76	0.60	1.00	1.00	0.89	0.72												
	ΔT	2.8	2.6	2.3	1.9	2.8	2.6	2.3	1.9	2.8	2.6	2.3	1.9	2.8	2.6	2.3	1.9	2.8	2.6	2.2	1.9	2.6	2.4	2.1	1.8												
	kW	2.54	2.53	2.53	2.55	2.88	2.87	2.87	2.89	3.25	3.25	3.25	3.27	3.66	3.66	3.65	3.68	4.12	4.12	4.11	4.14	4.04	4.04	4.03	4.06												
	Amps	9.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	16.1	16.1	16.0	16.1												
	Hi/PR	285	286	288	293	330	331	333	338	377	378	380	385	428	429	431	436	482	484	486	491	513	514	516	521												
Lo/PR	116	118	121	126	123	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	160	161	164	170													
80 1240	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	24.7	25.2	26.1	27.4												
	S/T	0.99	0.91	0.76	0.61	1.00	0.91	0.77	0.61	1.00	0.94	0.80	0.64	1.00	0.96	0.82	0.66	1.00	0.99	0.84	0.69	1.00	1.00	0.98	0.82												
	ΔT	2.6	2.5	2.1	1.8	2.6	2.5	2.1	1.8	2.7	2.5	2.1	1.8	2.6	2.5	2.1	1.8	2.6	2.4	2.1	1.7	2.5	2.3	2.0	1.7												
	kW	2.56	2.56	2.55	2.58	2.90	2.90	2.89	2.92	3.28	3.27	3.27	3.29	3.69	3.68	3.68	3.70	4.14	4.14	4.13	4.16	4.06	4.06	4.05	4.08												
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.0	11.2	12.7	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	16.1	16.1	16.1	16.2												
	Hi/PR	288	289	291	296	333	334	336	341	380	381	383	388	431	432	434	439	485	487	489	494	516	517	519	524												
Lo/PR	118	120	123	128	125	127	130	135	132	133	136	141	137	138	141	146	142	143	146	151	162	163	167	172													
1430	MBh	36.1	36.6	37.7	39.3	35.8	36.3	37.4	38.9	34.9	35.4	36.5	38.0	33.4	33.8	34.9	36.5	31.4	31.9	33.0	34.6	25.3	25.8	26.6	28.0												
	S/T	1.00	0.95	0.80	0.65	1.00	0.96	0.81	0.66	1.00	0.98	0.84	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.88	0.73	1.00	1.00	1.00	0.86												
	ΔT	2.5	2.4	2.0	1.7	2.5	2.3	2.0	1.7	2.6	2.4	2.0	1.7	2.5	2.3	2.0	1.7	2.5	2.3	2.0	1.6	2.4	2.2	1.9	1.6												
	kW	2.58	2.57	2.57	2.59	2.92	2.91	2.91	2.93	3.29	3.29	3.29	3.31	3.70	3.70	3.69	3.72	4.16	4.16	4.15	4.18	4.08	4.07	4.07	4.09												
	Amps	9.7	9.7	9.7	9.8	11.2	11.2	11.1	11.2	12.8	12.8	12.8	12.9	14.6	14.6	14.5	14.7	16.6	16.6	16.5	16.6	16.2	16.2	16.2	16.3												
	Hi/PR	291	292	294	299	336	337	339	344	383	384	386	391	434	435	437	442	488	490	492	497	519	520	522	526												
Lo/PR	121	122	125	130	128	129	132	137	134	135	138	143	139	141	144	149	144	146	149	154	164	166	169	175													
1050	MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.8	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	24.8	25.2	26.1	27.4												
	S/T	1.00	0.93	0.79	0.63	1.00	0.94	0.79	0.64	1.00	0.97	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.87	0.71	1.00	1.00	1.00	0.84												
	ΔT	3.1	3.0	2.6	2.3	3.1	3.0	2.6	2.3	3.2	3.0	2.6	2.3	3.1	2.9	2.6	2.3	3.1	2.9	2.6	2.2	2.9	2.8	2.5	2.1												
	kW	2.54	2.54	2.54	2.56	2.88	2.88	2.87	2.90	3.26	3.26	3.25	3.28	3.67	3.67	3.66	3.69	4.13	4.12	4.12	4.14	4.05	4.05	4.04	4.06												
	Amps	9.5	9.5	9.5	9.6	11.0	11.0	11.0	11.1	12.7	12.7	12.6	12.7	14.4	14.4	14.4	14.5	16.4	16.4	16.4	16.5	16.1	16.1	16.1	16.1												
	Hi/PR	286	288	290	295	331	333	335	340	378	380	382	387	429	430	432	437	484	485	487	492	514	516	517	522												
Lo/PR	118	120	122	127	125	127	130	134	131	133	136	141	137	138	141	146	142	143	146	151	162	163	166	172													
85 1240	MBh	36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	25.2	25.7	26.6	27.9												
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.72	1.00	1.00	0.90	0.75	1.00	1.00	0.93	0.77	1.00	1.00	0.95	0.80	1.00	1.00	1.00	0.93												
	ΔT	3.0	2.8	2.5	2.1	3.0	2.8	2.5	2.1	3.0	2.8	2.5	2.2	3.0	2.8	2.5	2.1	3.0	2.8	2.5	2.1	2.8	2.6	2.3	2.0												
	kW	2.57	2.56	2.56	2.58	2.90	2.90	2.90	2.92	3.28	3.28	3.27	3.30	3.69	3.69	3.68	3.71	4.15	4.15	4.14	4.17	4.07	4.06	4.06	4.08												
	Amps	9.6	9.6	9.6	9.7	11.1	11.1	11.1	11.2	12.8	12.7	12.7	12.8	14.5	14.5	14.5	14.6	16.5	16.5	16.5	16.6	16.2	16.2	16.1	16.2												
	Hi/PR	289	291	293	298	334	336	338	343	381	383	385	390	432	433	435	440	487	488	490	495	517	518	520	525												
Lo/PR	120	122	125	129	127	129	132	137	133	135	138	143	139	140	143	148	144	145	148	153	164	165	169	174													
1430	MBh	36.7	37.2	38.3	39.8	36.4	36.9	37.9	39.5	35.5	36.0	37.0	38.6	33.9	34.4	35.5	37.1	32.0	32.5	33.6	35.2	25.8	26.3	27.1	28.5												
	S/T	1.00	1.00	0.91	0.76	1.00	1.00	0.92	0.76	1.00	1.00	0.95	0.79	1.00	1.00	0.97	0.81	1.00	1.00	0.99	0.84	1.00	1.00	1.00	0.98												
	ΔT	2.9	2.7	2.4	2.0	2.9	2.7	2.4	2.0	2.9	2.7	2.4	2.0	2.9	2.7	2.4	2.0	2.9	2.7	2.4	2.0	2.7	2.5	2.2	1.9												
	kW	2.58	2.58	2.57	2.60	2.92	2.92	2.91	2.94	3.30	3.30	3.29	3.32	3.71	3.71	3.70	3.73	4.17	4.16	4.16	4.18	4.08	4.08	4.07	4.10												
	Amps	9.7	9.7	9.7	9.8	11.2	11.2	11.2	11.3	12.8	12.8	12.8	12.9	14.6	14.6	14.6	14.7	16.6	16.6	16.6	16.7	16.2	16.2	16.2	16.3												
	Hi/PR	292	294	296	300	337	338	340	345	384	386	388	393	435	436	438	443	490	491	493	498	520	521	523	528												
Lo/PR	123	124	127	132	130	131	134	139	136	137	140	145	141	142	145	150	146	148	151	155	166	168	171	177													

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* AT 70%

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
880	MBh	25.0	25.3	26.1	-	24.7	25.1	25.8	-	24.1	24.4	25.2	-	23.0	23.3	24.1	-	21.6	21.9	22.7	-	20.3	20.7	21.4	-
	S/T	0.65	0.57	0.42	-	0.66	0.58	0.43	-	0.69	0.61	0.46	-	0.71	0.63	0.48	-	1.00	0.65	0.50	-	1.00	0.71	0.56	-
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
	kW	1.60	1.60	1.59	-	1.81	1.81	1.80	-	2.05	2.05	2.04	-	2.31	2.30	2.30	-	2.59	2.59	2.59	-	2.93	2.93	2.92	-
	Amps	6.0	6.0	6.0	-	6.9	6.9	6.9	-	8.0	7.9	7.9	-	9.1	9.1	9.0	-	10.3	10.3	10.3	-	11.8	11.8	11.8	-
	Hi PR	272	273	275	-	315	316	318	-	360	361	363	-	408	410	411	-	461	462	464	-	516	518	520	-
	Lo PR	119	121	124	-	126	128	131	-	133	134	137	-	138	140	143	-	143	145	148	-	150	152	155	-
70 1030	MBh	25.3	25.7	26.4	-	25.1	25.5	26.2	-	24.5	24.8	25.6	-	23.3	23.7	24.4	-	22.0	22.3	23.1	-	20.7	21.1	21.8	-
	S/T	0.74	0.65	0.50	-	0.74	0.66	0.51	-	0.77	0.69	0.54	-	0.79	0.71	0.56	-	1.00	0.73	0.58	-	1.00	0.79	0.64	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
	kW	1.61	1.61	1.60	-	1.82	1.82	1.82	-	2.06	2.06	2.06	-	2.32	2.32	2.31	-	2.61	2.60	2.60	-	2.94	2.94	2.94	-
	Amps	6.0	6.0	6.0	-	7.0	7.0	7.0	-	8.0	8.0	8.0	-	9.1	9.1	9.1	-	10.4	10.4	10.4	-	11.8	11.8	11.8	-
	Hi PR	275	276	278	-	318	319	321	-	363	364	366	-	411	412	414	-	463	465	466	-	519	520	522	-
	Lo PR	121	123	126	-	128	130	133	-	135	136	139	-	140	142	145	-	145	147	150	-	152	154	157	-
1180	MBh	25.8	26.2	26.9	-	25.6	25.9	26.7	-	24.9	25.3	26.0	-	23.8	24.2	24.9	-	22.4	22.8	23.5	-	21.2	21.5	22.3	-
	S/T	0.78	0.69	0.54	-	0.78	0.70	0.55	-	0.81	0.73	0.58	-	0.83	0.75	0.60	-	1.00	0.77	0.62	-	1.00	0.83	0.68	-
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	11	-	18	16	13	-
	kW	1.62	1.62	1.62	-	1.83	1.83	1.83	-	2.07	2.07	2.07	-	2.33	2.33	2.32	-	2.62	2.61	2.61	-	2.95	2.95	2.95	-
	Amps	6.1	6.1	6.1	-	7.0	7.0	7.0	-	8.1	8.0	8.0	-	9.2	9.2	9.2	-	10.4	10.4	10.4	-	11.9	11.9	11.9	-
	Hi PR	277	278	280	-	320	321	323	-	365	366	368	-	414	415	417	-	466	467	469	-	522	523	525	-
	Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	142	144	147	-	148	149	152	-	154	156	159	-
880	MBh	25.0	25.3	26.1	27.2	24.8	25.1	25.9	27.0	24.1	24.5	25.2	26.3	23.0	23.3	24.1	25.2	21.6	22.0	22.7	23.9	20.4	20.7	21.5	22.6
	S/T	0.80	0.71	0.56	0.41	0.80	0.72	0.57	0.41	0.83	0.75	0.60	0.44	1.00	0.77	0.62	0.46	1.00	0.79	0.64	0.49	1.00	0.85	0.70	0.54
	ΔT	23	21	18	15	23	21	18	14	23	21	18	15	23	21	18	14	23	21	18	14	24	22	19	15
	kW	1.60	1.59	1.59	1.61	1.81	1.81	1.80	1.82	2.05	2.04	2.04	2.06	2.30	2.30	2.30	2.31	2.59	2.59	2.59	2.60	2.93	2.93	2.92	2.94
	Amps	6.0	6.0	6.0	6.0	6.9	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.1	9.1	9.0	9.1	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.8
	Hi PR	272	273	275	280	315	316	318	323	360	361	363	368	409	410	412	416	461	462	464	469	517	518	520	525
	Lo PR	119	121	124	129	126	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	150	152	155	160
75 1030	MBh	25.4	25.7	26.5	27.6	25.1	25.5	26.2	27.4	24.5	24.8	25.6	26.7	23.4	23.7	24.5	25.6	22.0	22.3	23.1	24.2	20.7	21.1	21.8	23.0
	S/T	0.88	0.79	0.64	0.49	0.88	0.80	0.65	0.49	1.00	0.83	0.68	0.52	1.00	0.85	0.70	0.54	1.00	0.87	0.72	0.57	1.00	0.93	0.78	0.62
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	21	20	16	13	22	21	17	14
	kW	1.61	1.61	1.60	1.62	1.82	1.82	1.82	1.83	2.06	2.06	2.05	2.07	2.32	2.32	2.31	2.33	2.60	2.60	2.60	2.62	2.94	2.94	2.94	2.95
	Amps	6.0	6.0	6.0	6.1	7.0	7.0	6.9	7.0	8.0	8.0	8.0	8.0	9.1	9.1	9.1	9.2	10.4	10.4	10.3	10.4	11.8	11.8	11.8	11.9
	Hi PR	275	276	278	283	318	319	321	326	363	364	366	371	411	413	414	419	464	465	467	471	519	521	522	527
	Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	142	145	150	145	147	150	155	152	154	157	162
1180	MBh	25.8	26.2	26.9	28.1	25.6	26.0	26.7	27.8	25.0	25.3	26.1	27.2	23.8	24.2	24.9	26.1	22.5	22.8	23.6	24.7	21.2	21.6	22.3	23.4
	S/T	0.92	0.83	0.69	0.53	0.93	0.84	0.69	0.53	1.00	0.87	0.72	0.56	1.00	0.89	0.74	0.58	1.00	0.92	0.77	0.61	1.00	1.00	0.82	0.66
	ΔT	21	19	16	12	21	19	16	12	21	19	16	12	21	19	16	12	20	19	15	12	21	20	16	13
	kW	1.62	1.62	1.61	1.63	1.83	1.83	1.83	1.84	2.07	2.07	2.06	2.08	2.33	2.33	2.32	2.34	2.61	2.61	2.61	2.63	2.95	2.95	2.95	2.96
	Amps	6.1	6.1	6.1	6.1	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.1	9.2	9.2	9.1	9.2	10.4	10.4	10.4	10.5	11.9	11.9	11.9	11.9
	Hi PR	277	279	281	285	320	322	324	328	365	367	369	373	414	415	417	422	466	467	469	474	522	523	525	530
	Lo PR	123	125	128	133	131	132	135	140	137	139	142	147	142	144	147	152	148	149	152	157	154	156	159	164

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.

Shaded area is ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
	65°F				75°F				85°F				95°F				105°F				115°F				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
880	MBh	25.1	25.5	26.2	27.4	24.9	25.2	26.0	27.1	24.2	24.6	25.3	26.5	23.1	23.5	24.2	25.4	21.7	22.1	22.8	24.0	20.5	20.8	21.6	22.7
	S/T	0.94	0.85	0.70	0.54	1.00	0.86	0.71	0.55	1.00	0.89	0.74	0.58	1.00	0.91	0.76	0.60	1.00	1.00	0.78	0.62	1.00	1.00	0.84	0.68
	ΔT	27	25	22	18	27	25	22	18	27	25	22	19	27	25	22	18	26	25	21	18	28	26	23	19
	kW	1.60	1.59	1.59	1.61	1.81	1.81	1.80	1.82	2.05	2.05	2.04	2.06	2.30	2.30	2.30	2.32	2.59	2.59	2.59	2.60	2.93	2.93	2.92	2.94
	Amps	6.0	6.0	6.0	6.0	6.9	6.9	6.9	7.0	8.0	7.9	7.9	8.0	9.1	9.1	9.0	9.1	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.8
	Hi-PR	273	274	276	281	316	317	319	323	361	362	364	368	409	410	412	417	461	463	464	469	517	518	520	525
	Lo-PR	120	121	124	129	127	128	131	137	133	135	138	143	139	140	143	148	144	145	148	154	151	152	155	160
80 1030	MBh	25.5	25.8	26.6	27.7	25.3	25.6	26.4	27.5	24.6	25.0	25.7	26.9	23.5	23.8	24.6	25.7	22.1	22.5	23.2	24.4	20.9	21.2	22.0	23.1
	S/T	1.00	0.93	0.78	0.62	1.00	0.94	0.79	0.63	1.00	0.97	0.82	0.66	1.00	0.99	0.84	0.68	1.00	1.00	0.86	0.70	1.00	1.00	0.92	0.76
	ΔT	26	24	21	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	25	21	18
	kW	1.61	1.61	1.60	1.62	1.82	1.82	1.82	1.83	2.06	2.06	2.06	2.07	2.32	2.32	2.31	2.33	2.61	2.60	2.60	2.62	2.94	2.94	2.94	2.95
	Amps	6.0	6.0	6.0	6.1	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.2	10.4	10.4	10.4	10.4	11.8	11.8	11.8	11.9
	Hi-PR	275	277	278	283	318	320	321	326	363	365	366	371	412	413	415	420	464	465	467	472	520	521	523	528
	Lo-PR	122	123	126	131	129	130	134	139	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	162
1180	MBh	26.0	26.3	27.1	28.2	25.7	26.1	26.8	28.0	25.1	25.4	26.2	27.3	24.0	24.3	25.1	26.2	22.6	22.9	23.7	24.8	21.3	21.7	22.4	23.6
	S/T	1.00	0.97	0.82	0.67	1.00	0.98	0.83	0.67	1.00	1.00	0.86	0.70	1.00	1.00	0.88	0.72	1.00	1.00	0.90	0.75	1.00	1.00	0.96	0.80
	ΔT	25	23	19	16	24	23	19	16	25	23	20	16	24	23	19	16	24	22	19	16	25	24	20	17
	kW	1.62	1.62	1.62	1.63	1.83	1.83	1.83	1.84	2.07	2.07	2.07	2.08	2.33	2.33	2.32	2.34	2.62	2.61	2.61	2.63	2.95	2.95	2.95	2.96
	Amps	6.1	6.1	6.1	6.1	7.0	7.0	7.0	7.1	8.1	8.0	8.0	8.1	9.2	9.2	9.1	9.2	10.4	10.4	10.4	10.5	11.9	11.9	11.9	11.9
	Hi-PR	278	279	281	286	321	322	324	329	366	367	369	374	414	416	418	422	467	468	470	475	523	524	526	530
	Lo-PR	124	125	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	156	159	165

880	MBh	25.5	25.9	26.6	27.8	25.3	25.7	26.4	27.6	24.7	25.0	25.8	26.9	23.5	23.9	24.6	25.8	22.2	22.5	23.3	24.4	20.9	21.3	22.0	23.1
	S/T	1.00	0.96	0.81	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	0.89	0.74	1.00	1.00	0.95	0.79
	ΔT	30	28	25	22	30	28	25	22	30	29	25	22	30	28	25	22	30	28	25	22	31	29	26	23
	kW	1.60	1.60	1.60	1.61	1.81	1.81	1.81	1.82	2.05	2.05	2.05	2.06	2.31	2.31	2.30	2.32	2.60	2.59	2.59	2.61	2.93	2.93	2.93	2.94
	Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	7.0	8.0	8.0	7.9	8.0	9.1	9.1	9.1	9.1	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9
	Hi-PR	274	275	277	282	317	318	320	325	362	363	365	370	410	412	414	418	463	464	466	471	518	520	522	526
	Lo-PR	121	123	126	131	129	130	133	138	135	137	140	145	140	142	145	150	146	147	150	155	152	154	157	162
85 1030	MBh	25.9	26.3	27.0	28.2	25.7	26.0	26.8	27.9	25.0	25.4	26.1	27.3	23.9	24.3	25.0	26.2	22.5	22.9	23.6	24.8	21.3	21.6	22.4	23.5
	S/T	1.00	1.00	0.89	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	0.97	0.82	1.00	1.00	1.00	0.87
	ΔT	29	27	24	21	29	27	24	21	29	27	24	21	29	27	24	21	29	27	24	20	30	28	25	21
	kW	1.61	1.61	1.61	1.62	1.83	1.83	1.82	1.84	2.06	2.06	2.06	2.08	2.32	2.32	2.32	2.33	2.61	2.61	2.60	2.62	2.95	2.95	2.94	2.96
	Amps	6.1	6.1	6.0	6.1	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.2	10.4	10.4	10.4	10.4	11.9	11.9	11.8	11.9
	Hi-PR	277	278	280	284	320	321	323	327	365	366	368	372	413	414	416	421	465	467	468	473	521	522	524	529
	Lo-PR	124	125	128	133	131	132	135	140	137	139	142	147	143	144	147	152	148	149	152	157	154	156	159	164
1180	MBh	26.4	26.7	27.5	28.6	26.2	26.5	27.3	28.4	25.5	25.9	26.6	27.7	24.4	24.7	25.5	26.6	23.0	23.4	24.1	25.2	21.8	22.1	22.9	24.0
	S/T	1.00	1.00	0.94	0.78	1.00	1.00	0.94	0.78	1.00	1.00	0.97	0.81	1.00	1.00	0.99	0.83	1.00	1.00	1.00	0.86	1.00	1.00	1.00	0.91
	ΔT	28	26	23	20	28	26	23	19	28	26	23	20	28	26	23	19	28	26	23	19	29	27	24	20
	kW	1.62	1.62	1.62	1.64	1.84	1.84	1.83	1.85	2.08	2.07	2.07	2.09	2.33	2.33	2.33	2.34	2.62	2.62	2.61	2.63	2.96	2.96	2.95	2.97
	Amps	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.1	8.1	8.0	8.1	9.2	9.2	9.2	9.2	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0
	Hi-PR	279	280	282	287	322	323	325	330	367	368	370	375	416	417	419	424	468	469	471	476	524	525	527	532
	Lo-PR	126	127	130	135	133	135	138	143	139	141	144	149	145	146	149	154	150	152	155	160	157	158	161	166

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHR1 (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1125	MBh	40.6	41.2	42.4	-	40.2	40.8	42.0	-	39.2	39.7	40.9	-	37.3	37.9	39.1	-	35.1	35.7	36.9	-	27.9	28.4	29.4	-
	S/T	0.59	0.51	0.38	-	0.59	0.52	0.38	-	0.62	0.54	0.41	-	0.64	0.56	0.43	-	0.66	0.58	0.45	-	1.00	0.69	0.55	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	19	17	14	-
	kW	3.07	3.07	3.06	-	3.48	3.48	3.47	-	3.94	3.93	3.93	-	4.43	4.42	4.42	-	4.98	4.97	4.97	-	4.84	4.83	4.83	-
	Amps	11.6	11.6	11.6	-	13.4	13.4	13.3	-	15.4	15.3	15.3	-	17.5	17.5	17.4	-	19.9	19.9	19.8	-	19.3	19.3	19.2	-
	Hi/PR	280	282	284	-	325	326	328	-	371	372	374	-	421	422	424	-	475	476	478	-	481	482	484	-
Lo/PR	117	118	121	-	124	126	129	-	130	132	135	-	136	137	140	-	141	142	145	-	161	162	166	-	
70 1330	MBh	41.2	41.8	43.0	-	40.9	41.4	42.7	-	39.8	40.4	41.6	-	38.0	38.5	39.8	-	35.7	36.3	37.5	-	28.4	28.9	29.9	-
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	0.72	0.64	0.50	-	0.74	0.66	0.53	-	1.00	1.00	0.63	-
	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	17	16	13	-
	kW	3.10	3.10	3.09	-	3.51	3.50	3.50	-	3.96	3.96	3.95	-	4.45	4.45	4.44	-	5.00	5.00	4.99	-	4.86	4.86	4.85	-
	Amps	11.7	11.7	11.7	-	13.5	13.5	13.4	-	15.5	15.5	15.4	-	17.6	17.6	17.6	-	20.0	20.0	20.0	-	19.4	19.4	19.3	-
	Hi/PR	283	285	287	-	328	329	331	-	374	375	377	-	424	425	427	-	478	479	481	-	484	485	487	-
Lo/PR	119	121	123	-	126	128	131	-	132	134	137	-	138	139	142	-	143	144	147	-	163	165	168	-	
1525	MBh	42.0	42.6	43.8	-	41.6	42.2	43.4	-	40.6	41.1	42.4	-	38.7	39.3	40.5	-	36.5	37.1	38.3	-	29.1	29.6	30.6	-
	S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	1.00	0.67	-
	ΔT	17	16	12	-	17	16	12	-	18	16	12	-	17	16	12	-	17	15	12	-	16	15	12	-
	kW	3.12	3.12	3.11	-	3.53	3.52	3.52	-	3.98	3.98	3.97	-	4.47	4.47	4.46	-	5.02	5.02	5.01	-	4.88	4.87	4.87	-
	Amps	11.8	11.8	11.8	-	13.6	13.6	13.5	-	15.6	15.5	15.5	-	17.7	17.7	17.7	-	20.1	20.1	20.0	-	19.4	19.4	19.4	-
	Hi/PR	286	287	289	-	330	332	334	-	377	378	380	-	427	428	430	-	481	482	484	-	486	487	489	-
Lo/PR	121	123	126	-	128	130	133	-	135	136	139	-	140	141	144	-	145	147	150	-	165	167	170	-	

1125	MBh	40.6	41.2	42.4	44.3	40.2	40.8	42.0	43.9	39.2	39.8	41.0	42.8	37.4	37.9	39.1	41.0	35.1	35.7	36.9	38.8	27.9	28.4	29.4	31.0
	S/T	0.72	0.64	0.50	0.36	0.72	0.65	0.51	0.37	0.75	0.67	0.54	0.39	1.00	0.69	0.56	0.41	1.00	0.71	0.58	0.43	1.00	1.00	0.69	0.53
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	22	21	18	14
	kW	3.07	3.07	3.06	3.09	3.48	3.47	3.47	3.50	3.93	3.93	3.92	3.95	4.43	4.42	4.41	4.45	4.97	4.97	4.96	5.00	4.83	4.83	4.83	4.85
	Amps	11.6	11.6	11.5	11.7	13.4	13.3	13.3	13.5	15.3	15.3	15.3	15.4	17.5	17.5	17.4	17.6	19.9	19.9	19.8	20.0	19.3	19.2	19.2	19.3
	Hi/PR	281	282	284	289	325	326	328	333	371	373	375	379	421	423	425	430	475	477	479	483	481	482	484	489
Lo/PR	117	118	121	126	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	150	161	162	166	171	
75 1330	MBh	41.3	41.8	43.0	44.9	40.9	41.5	42.7	44.5	39.8	40.4	41.6	43.5	38.0	38.6	39.8	41.6	35.8	36.3	37.6	39.4	28.5	28.9	30.0	31.5
	S/T	0.79	0.72	0.58	0.44	0.80	0.72	0.59	0.45	0.83	0.75	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.77	0.62
	ΔT	22	21	17	14	22	21	17	14	23	21	17	14	22	21	17	14	22	20	17	13	21	19	16	13
	kW	3.10	3.09	3.09	3.12	3.50	3.50	3.49	3.53	3.96	3.96	3.95	3.98	4.45	4.45	4.44	4.47	5.00	5.00	4.99	5.02	4.86	4.85	4.85	4.88
	Amps	11.7	11.7	11.7	11.8	13.5	13.5	13.4	13.6	15.5	15.4	15.4	15.5	17.6	17.6	17.6	17.7	20.0	20.0	19.9	20.1	19.4	19.3	19.3	19.4
	Hi/PR	284	285	287	292	328	329	331	336	374	376	378	382	424	426	428	432	478	480	482	486	484	485	487	491
Lo/PR	119	121	124	129	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	163	165	168	173	
1525	MBh	42.0	42.6	43.8	45.7	41.7	42.2	43.4	45.3	40.6	41.2	42.4	44.2	38.8	39.3	40.6	42.4	36.5	37.1	38.3	40.2	29.1	29.6	30.6	32.2
	S/T	0.83	0.76	0.62	0.48	0.84	0.76	0.63	0.48	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	0.81	0.66
	ΔT	21	20	16	13	21	20	16	13	22	20	16	13	21	20	16	13	21	19	16	12	20	18	15	12
	kW	3.12	3.11	3.11	3.14	3.53	3.52	3.52	3.55	3.98	3.98	3.97	4.00	4.47	4.47	4.46	4.49	5.02	5.02	5.01	5.04	4.87	4.87	4.87	4.89
	Amps	11.8	11.8	11.8	11.9	13.6	13.6	13.5	13.7	15.5	15.5	15.5	15.6	17.7	17.7	17.6	17.8	20.1	20.1	20.0	20.2	19.4	19.4	19.4	19.5
	Hi/PR	286	288	290	294	331	332	334	339	377	378	380	385	427	428	430	435	481	482	484	489	486	487	489	494
Lo/PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	166	167	170	176	

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

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		ENTERING INDOOR WET BULB TEMPERATURE																							
AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1125	MBh	40.8	41.4	42.6	44.5	40.5	41.0	42.2	44.1	39.4	40.0	41.2	43.0	37.6	38.1	39.4	41.2	35.3	35.9	37.1	39.0	28.1	28.6	29.6	31.2
	S/T	0.84	0.77	0.63	0.49	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.82	0.67
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	26	24	21	18
	kW	3.07	3.07	3.06	3.09	3.48	3.48	3.47	3.50	3.94	3.93	3.92	3.96	4.43	4.42	4.42	4.45	4.98	4.97	4.97	5.00	4.84	4.83	4.83	4.85
	Amps	11.6	11.6	11.6	11.7	13.4	13.4	13.3	13.5	15.3	15.3	15.3	15.4	17.5	17.5	17.4	17.6	19.9	19.9	19.8	20.0	19.3	19.3	19.2	19.3
	Hi/PR	281	282	284	289	325	327	329	334	372	373	375	380	422	423	425	430	476	477	479	484	482	483	485	489
Lo/PR	117	119	122	127	125	126	129	134	131	132	135	140	136	138	141	146	141	143	146	151	161	163	166	172	
80 1330	MBh	41.5	42.0	43.3	45.1	41.1	41.7	42.9	44.7	40.0	40.6	41.8	43.7	38.2	38.8	40.0	41.9	36.0	36.5	37.8	39.6	28.6	29.1	30.1	31.7
	S/T	0.92	0.84	0.71	0.57	1.00	0.85	0.71	0.57	1.00	0.88	0.74	0.60	1.00	0.89	0.76	0.62	1.00	0.92	0.78	0.64	1.00	1.00	1.00	0.75
	ΔT	26	25	21	18	26	25	21	18	27	25	21	18	26	25	21	18	26	24	21	17	25	23	20	17
	kW	3.10	3.10	3.09	3.12	3.51	3.50	3.50	3.53	3.96	3.96	3.95	3.98	4.45	4.45	4.44	4.47	5.00	5.00	4.99	5.02	4.86	4.86	4.85	4.88
	Amps	11.7	11.7	11.7	11.8	13.5	13.5	13.4	13.6	15.5	15.5	15.4	15.6	17.6	17.6	17.6	17.7	20.0	20.0	20.0	20.1	19.4	19.4	19.3	19.4
	Hi/PR	284	285	287	292	328	330	332	337	375	376	378	383	425	426	428	433	479	480	482	487	484	485	487	492
Lo/PR	120	121	124	129	127	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	164	165	168	174	
1525	MBh	42.2	42.8	44.0	45.9	41.9	42.4	43.7	45.5	40.8	41.4	42.6	44.5	39.0	39.5	40.8	42.6	36.7	37.3	38.5	40.4	29.3	29.8	30.8	32.4
	S/T	0.96	0.88	0.75	0.60	1.00	0.89	0.75	0.61	1.00	0.91	0.78	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.79
	ΔT	25	24	20	17	25	24	20	17	26	24	20	17	25	24	20	17	25	23	20	16	24	22	19	16
	kW	3.12	3.12	3.11	3.14	3.53	3.52	3.52	3.55	3.98	3.98	3.97	4.00	4.47	4.47	4.46	4.50	5.02	5.02	5.01	5.05	4.88	4.87	4.87	4.89
	Amps	11.8	11.8	11.8	11.9	13.6	13.6	13.5	13.7	15.6	15.5	15.5	15.6	17.7	17.7	17.6	17.8	20.1	20.1	20.0	20.1	19.4	19.4	19.4	19.5
	Hi/PR	287	288	290	295	331	332	334	339	378	379	381	386	428	429	431	436	482	483	485	490	487	488	490	494
Lo/PR	122	123	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	150	155	166	168	171	176	
1125	MBh	41.5	42.1	43.3	45.2	41.1	41.7	42.9	44.8	40.1	40.7	41.9	43.7	38.2	38.8	40.0	41.9	36.0	36.6	37.8	39.7	28.7	29.2	30.2	31.7
	S/T	1.00	0.87	0.73	0.59	1.00	0.87	0.74	0.59	1.00	0.90	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.78
	ΔT	31	30	26	23	31	30	26	23	32	30	26	23	31	30	26	23	31	29	26	22	29	27	24	21
	kW	3.08	3.08	3.07	3.10	3.49	3.48	3.48	3.51	3.94	3.94	3.93	3.96	4.43	4.43	4.42	4.46	4.98	4.98	4.97	5.01	4.84	4.84	4.83	4.86
	Amps	11.6	11.6	11.6	11.7	13.4	13.4	13.4	13.5	15.4	15.4	15.3	15.5	17.5	17.5	17.5	17.6	19.9	19.9	19.9	20.0	19.3	19.3	19.3	19.4
	Hi/PR	282	284	286	291	327	328	330	335	373	374	376	381	423	424	426	431	477	478	480	485	483	484	486	490
Lo/PR	119	121	124	129	126	128	131	136	133	134	137	142	138	139	142	147	143	145	148	153	163	165	168	174	
85 1330	MBh	42.2	42.7	43.9	45.8	41.8	42.4	43.6	45.4	40.7	41.3	42.5	44.4	38.9	39.5	40.7	42.5	36.7	37.2	38.5	40.3	29.2	29.7	30.7	32.3
	S/T	1.00	0.95	0.81	0.67	1.00	0.95	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.86
	ΔT	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	30	28	25	21	28	26	23	20
	kW	3.11	3.10	3.10	3.13	3.51	3.51	3.50	3.54	3.97	3.97	3.96	3.99	4.46	4.46	4.45	4.48	5.01	5.01	5.00	5.03	4.87	4.86	4.86	4.88
	Amps	11.7	11.7	11.7	11.8	13.5	13.5	13.5	13.6	15.5	15.5	15.5	15.6	17.6	17.6	17.6	17.7	20.0	20.0	20.0	20.1	19.4	19.4	19.4	19.5
	Hi/PR	285	287	289	294	330	331	333	338	376	377	379	384	426	427	429	434	480	481	483	488	486	487	488	493
Lo/PR	121	123	126	131	129	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155	166	167	170	176	
1525	MBh	42.9	43.5	44.7	46.6	42.6	43.1	44.3	46.2	41.5	42.1	43.3	45.1	39.7	40.2	41.5	43.3	37.4	38.0	39.2	41.1	29.9	30.3	31.4	32.9
	S/T	1.00	0.98	0.85	0.70	1.00	0.99	0.85	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.90
	ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	29	27	23	20	27	25	22	19
	kW	3.13	3.12	3.12	3.15	3.54	3.53	3.53	3.56	3.99	3.99	3.98	4.01	4.48	4.48	4.47	4.50	5.03	5.03	5.02	5.05	4.88	4.88	4.87	4.90
	Amps	11.8	11.8	11.8	11.9	13.6	13.6	13.6	13.7	15.6	15.6	15.5	15.7	17.7	17.7	17.7	17.8	20.1	20.1	20.1	20.2	19.5	19.5	19.4	19.5
	Hi/PR	288	289	291	296	332	334	336	341	379	380	382	387	429	430	432	437	483	484	486	491	488	489	491	495
Lo/PR	124	125	128	133	131	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	168	170	173	178	

IDB = Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHR1 (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

EXPANDED COOLING DATA — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* AT 70%

IDB	OUTDOOR AMBIENT TEMPERATURE																																																											
	65°F										75°F										85°F										95°F										105°F										115°F									
	AIRFLOW		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	59	63	67	71	59	63	67	71																		
970	MBh	29.2	29.6	30.5	-	28.9	29.3	30.2	-	28.2	28.6	29.5	-	26.9	27.3	28.1	-	25.2	25.7	26.5	-	23.8	24.2	25.1	-	25.2	25.7	26.5	-	23.8	24.2	25.1	-	25.2	25.7	26.5	-	23.8	24.2	25.1	-																			
	S/T	0.61	0.53	0.39	-	0.61	0.53	0.40	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-	1.00	0.60	0.46	-	1.00	0.66	0.52	-																			
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-																			
	kW	1.93	1.93	1.93	-	2.19	2.19	2.18	-	2.48	2.47	2.47	-	2.79	2.78	2.78	-	3.13	3.13	3.13	-	3.54	3.54	3.53	-	3.13	3.13	3.13	-	3.54	3.54	3.53	-	3.13	3.13	3.13	-	3.54	3.54	3.53	-																			
	Amps	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.7	9.6	9.6	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.3	14.3	14.2	-	12.5	12.5	12.5	-	14.3	14.3	14.2	-	12.5	12.5	12.5	-	14.3	14.3	14.2	-																			
70	HiPR	268	269	271	-	311	312	314	-	355	356	358	-	403	404	406	-	454	455	457	-	509	510	512	-	454	455	457	-	509	510	512	-	454	455	457	-	509	510	512	-																			
	LoPR	120	122	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	151	153	156	-	145	146	149	-	151	153	156	-	145	146	149	-	151	153	156	-																			
	MBh	29.6	30.1	30.9	-	29.4	29.8	30.7	-	28.6	29.0	29.9	-	27.3	27.7	28.6	-	25.7	26.1	27.0	-	24.2	24.6	25.5	-	25.7	26.1	27.0	-	24.2	24.6	25.5	-	25.7	26.1	27.0	-	24.2	24.6	25.5	-																			
	S/T	0.68	0.61	0.47	-	0.69	0.61	0.47	-	0.72	0.64	0.50	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-																			
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-																			
1140	kW	1.95	1.95	1.94	-	2.21	2.20	2.20	-	2.49	2.49	2.49	-	2.80	2.80	2.80	-	3.15	3.15	3.14	-	3.55	3.55	3.55	-	3.15	3.15	3.14	-	3.55	3.55	3.55	-	3.15	3.15	3.14	-	3.55	3.55	3.55	-																			
	Amps	7.4	7.4	7.3	-	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.1	11.1	11.0	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-																			
	HiPR	271	272	274	-	313	314	316	-	358	359	361	-	405	407	409	-	457	458	460	-	512	513	515	-	457	458	460	-	512	513	515	-	457	458	460	-	512	513	515	-																			
	LoPR	122	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	151	-	154	155	158	-	147	148	151	-	154	155	158	-	147	148	151	-	154	155	158	-																			
	MBh	30.2	30.6	31.5	-	29.9	30.4	31.2	-	29.2	29.6	30.5	-	27.9	28.3	29.2	-	26.3	26.7	27.5	-	24.8	25.2	26.1	-	26.3	26.7	27.5	-	24.8	25.2	26.1	-	26.3	26.7	27.5	-	24.8	25.2	26.1	-																			
1310	S/T	0.72	0.64	0.51	-	0.73	0.65	0.51	-	0.75	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-																			
	ΔT	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	16	15	11	-	17	16	13	-	16	15	11	-	17	16	13	-	16	15	11	-	17	16	13	-																			
	kW	1.96	1.96	1.96	-	2.22	2.22	2.21	-	2.51	2.50	2.50	-	2.81	2.81	2.81	-	3.16	3.16	3.15	-	3.57	3.56	3.56	-	3.16	3.16	3.15	-	3.57	3.56	3.56	-	3.16	3.16	3.15	-	3.57	3.56	3.56	-																			
	Amps	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-																			
	HiPR	274	275	277	-	316	317	319	-	360	361	363	-	408	409	411	-	460	461	463	-	515	516	518	-	460	461	463	-	515	516	518	-	460	461	463	-	515	516	518	-																			
75	LoPR	125	126	129	-	132	134	137	-	139	140	143	-	144	145	149	-	149	151	154	-	156	157	161	-	149	151	154	-	156	157	161	-	149	151	154	-	156	157	161	-																			
	MBh	29.2	29.6	30.5	31.8	28.9	29.4	30.2	31.6	28.2	28.6	29.5	30.8	26.9	27.3	28.2	29.5	25.3	25.7	26.6	27.9	23.8	24.2	25.1	26.4	25.3	25.7	26.6	27.9	23.8	24.2	25.1	26.4	25.3	25.7	26.6	27.9	23.8	24.2	25.1	26.4																			
	S/T	0.74	0.66	0.52	0.38	0.75	0.67	0.53	0.38	1.00	0.69	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.79	0.65	0.50	1.00	0.71	0.57	0.43	1.00	0.79	0.65	0.50	1.00	0.74	0.60	0.45	1.00	0.79	0.65	0.50																			
	ΔT	23	21	18	15	23	21	18	15	23	21	18	15	23	21	18	14	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15																			
	kW	1.93	1.93	1.93	1.95	2.19	2.19	2.18	2.20	2.47	2.47	2.47	2.49	2.78	2.78	2.78	2.80	3.13	3.13	3.12	3.14	3.54	3.53	3.53	3.55	3.13	3.13	3.12	3.14	3.54	3.53	3.53	3.55	3.13	3.13	3.12	3.14	3.54	3.53	3.53	3.55																			
970	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.3	14.3	14.2	14.3	12.5	12.5	12.5	12.6	14.3	14.3	14.2	14.3	12.5	12.5	12.5	12.6	14.3	14.3	14.2	14.3																			
	HiPR	268	270	271	276	311	312	314	318	355	356	358	363	403	404	406	411	455	456	458	462	510	511	513	517	455	456	458	462	510	511	513	517	455	456	458	462	510	511	513	517																			
	LoPR	120	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	155	152	153	156	161	145	146	149	155	152	153	156	161	145	146	149	155	152	153	156	161																			
	MBh	29.7	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.3	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.2	24.6	25.5	26.9	25.7	26.1	27.0	28.3	24.2	24.6	25.5	26.9	25.7	26.1	27.0	28.3	24.2	24.6	25.5	26.9																			
	S/T	0.82	0.74	0.60	0.45	0.82	0.74	0.61	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	0.81	0.67	0.53	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	0.81	0.67	0.53	1.00	0.81	0.67	0.53																			
1140	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	21	20	16	13	22	21	17	14	21	20	16	13	22	21	17	14	21	20	16	13	22	21	17	14																			
	kW	1.95	1.95	1.94	1.96	2.20	2.20	2.20	2.22	2.49	2.49	2.48	2.50	2.80	2.80	2.79	2.81	3.15	3.14	3.14	3.16	3.55	3.55	3.55	3.57	3.15	3.14	3.14	3.16	3.55	3.55	3.55	3.57	3.15	3.14	3.14	3.16	3.55	3.55	3.55	3.57																			
	Amps	7.4	7.4	7.3	7.4	8.5	8.5	8.4	8.5	9.7	9.7	9.7	9.8	11.1	11.1	11.0	11.1	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.4	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.4	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.4																			
	HiPR	271	272	274	279	313	315	317	321	358	359	361	366	406	407	409	413	457	458	460	465	512	513	515	520	457	458	460	465	512	513	515	520	457	458	460	465	512	513	515	520																			
	LoPR	122	124	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	152	157	154	155	158	163	147	148	152	157	154	155	158	163	147	148	152	157	154	155	158	163																			
1310	MBh	30.2	30.6	31.5	32.8	30.0	30.4	31.2	32.6	29.2	29.6	30.5	31.8	27.9	28.3	29.2	30.5	26.3																																										

EXPANDED COOLING DATA — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* AT 70%

IDB	OUTDOOR AMBIENT TEMPERATURE																												
	65°F				75°F				85°F				95°F				105°F				115°F								
	ENTERING INDOOR WET BULB TEMPERATURE																												
AIRFLOW	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	
970	MBh	29.4	29.8	30.6	32.0	29.1	29.5	30.4	31.7	28.3	28.7	29.6	31.0	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.4	25.2	26.6	23.9	24.4	25.2	26.6
	S/T	0.87	0.79	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63	1.00	1.00	0.78	0.63
	ΔT	27	25	22	18	27	25	22	18	27	25	22	19	27	25	22	18	27	25	22	18	28	26	23	19	28	26	23	19
	kW	1.93	1.93	1.93	1.95	2.19	2.19	2.18	2.20	2.48	2.47	2.47	2.49	2.79	2.78	2.78	2.80	3.13	3.13	3.12	3.14	3.54	3.53	3.53	3.55	3.54	3.53	3.53	3.55
	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.4
	Hi-PR	269	270	272	277	311	312	314	319	356	357	359	363	403	405	407	411	455	456	458	463	510	511	511	513	510	511	511	513
	Lo-PR	121	122	125	131	128	130	133	138	135	136	139	144	140	142	145	150	145	147	150	155	152	154	155	162	152	154	155	162
80 1140	MBh	29.8	30.2	31.1	32.4	29.6	30.0	30.8	32.2	28.8	29.2	30.1	31.4	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	24.4	24.8	25.7	27.0	24.4	24.8	25.7	27.0
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	0.90	0.76	0.61	1.00	0.92	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71
	ΔT	26	24	21	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	25	21	18	26	25	21	18
	kW	1.95	1.95	1.94	1.96	2.21	2.20	2.20	2.22	2.49	2.49	2.49	2.51	2.80	2.80	2.80	2.81	3.15	3.15	3.14	3.16	3.55	3.55	3.55	3.57	3.55	3.55	3.55	3.57
	Amps	7.4	7.4	7.3	7.4	8.5	8.5	8.5	8.5	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.1	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.4
	Hi-PR	272	273	275	279	314	315	317	322	358	360	361	366	406	407	409	414	458	459	461	465	513	514	514	516	513	514	514	516
	Lo-PR	123	124	128	133	130	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	156	157	164	154	156	157	164
1310	MBh	30.4	30.8	31.7	33.0	30.1	30.5	31.4	32.7	29.3	29.8	30.6	32.0	28.0	28.4	29.3	30.7	26.4	26.8	27.7	29.0	25.0	25.4	26.2	27.6	25.0	25.4	26.2	27.6
	S/T	1.00	0.91	0.77	0.62	1.00	0.91	0.77	0.63	1.00	0.94	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.75	1.00	1.00	0.89	0.75
	ΔT	24	23	19	16	24	23	19	16	25	23	20	16	24	23	19	16	24	22	19	16	25	24	20	17	25	24	20	17
	kW	1.96	1.96	1.96	1.98	2.22	2.22	2.21	2.23	2.51	2.50	2.50	2.52	2.81	2.81	2.81	2.83	3.16	3.16	3.15	3.17	3.57	3.56	3.56	3.58	3.57	3.56	3.56	3.58
	Amps	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.5	14.4	14.4	14.4	14.5
	Hi-PR	274	275	277	282	317	318	320	324	361	362	364	369	409	410	412	417	460	462	463	468	515	517	518	523	515	517	518	523
	Lo-PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	154	150	151	154	160	157	158	158	166	157	158	158	166
970	MBh	29.9	30.3	31.1	32.5	29.6	30.0	30.9	32.2	28.8	29.2	30.1	31.5	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	24.4	24.9	25.7	27.1	24.4	24.9	25.7	27.1
	S/T	1.00	0.89	0.75	0.61	1.00	0.90	0.76	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.90	0.74	1.00	1.00	0.90	0.74
	ΔT	30	28	25	22	30	28	25	22	30	29	25	22	30	28	25	22	30	28	25	22	31	29	26	23	31	29	26	23
	kW	1.94	1.94	1.93	1.95	2.19	2.19	2.19	2.21	2.48	2.48	2.47	2.49	2.79	2.79	2.78	2.80	3.14	3.13	3.13	3.15	3.54	3.54	3.54	3.56	3.54	3.54	3.54	3.56
	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.7	9.7	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
	Hi-PR	270	271	273	278	313	314	316	320	357	358	360	365	405	406	408	412	456	457	459	464	511	512	514	519	511	512	514	519
	Lo-PR	123	124	127	132	130	131	135	140	136	138	141	146	142	143	146	152	147	149	152	157	154	155	155	164	154	155	155	164
85 1140	MBh	30.3	30.7	31.6	32.9	30.0	30.5	31.3	32.7	29.3	29.7	30.6	31.9	28.0	28.4	29.3	30.6	26.4	26.8	27.6	29.0	24.9	25.3	26.2	27.5	24.9	25.3	26.2	27.5
	S/T	1.00	0.97	0.83	0.68	1.00	0.98	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.81
	ΔT	29	27	24	21	29	27	24	21	29	27	24	21	29	27	24	21	29	27	24	20	30	28	25	21	30	28	25	21
	kW	1.95	1.95	1.95	1.97	2.21	2.21	2.20	2.22	2.50	2.49	2.49	2.51	2.81	2.80	2.80	2.82	3.15	3.15	3.15	3.17	3.56	3.56	3.55	3.57	3.56	3.56	3.55	3.57
	Amps	7.4	7.4	7.4	7.4	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.4	14.4	14.4	14.3	14.4
	Hi-PR	273	274	276	281	315	316	318	323	360	361	363	367	407	409	411	415	459	460	462	467	514	515	517	522	514	515	517	522
	Lo-PR	125	126	129	134	132	134	137	142	139	140	143	148	144	145	149	154	149	151	154	159	156	157	157	166	156	157	157	166
1310	MBh	30.9	31.3	32.2	33.5	30.6	31.0	31.9	33.2	29.8	30.3	31.1	32.5	28.5	28.9	29.8	31.1	26.9	27.3	28.2	29.5	25.5	25.9	26.7	28.1	25.5	25.9	26.7	28.1
	S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	1.00	1.00	0.95	0.80	1.00	1.00	1.00	0.85	1.00	1.00	1.00	0.85
	ΔT	28	26	23	20	28	26	23	19	28	26	23	20	28	26	23	19	28	26	23	19	29	27	24	20	29	27	24	20
	kW	1.97	1.97	1.96	1.98	2.22	2.22	2.22	2.24	2.51	2.51	2.50	2.52	2.82	2.82	2.81	2.83	3.17	3.16	3.16	3.18	3.57	3.57	3.56	3.58	3.57	3.57	3.56	3.58
	Amps	7.4	7.4	7.4	7.5	8.6	8.6	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.1	11.1	11.2	12.7	12.6	12.6	12.7	14.4	14.4	14.4	14.5	14.4	14.4	14.4	14.5
	Hi-PR	276	277	279	283	318	319	321	326	362	363	365	370	410	411	413	418	462	463	465	469	517	518	518	524	517	518	518	524
	Total Power	1,968	1,966	1,961	1,981	2,224	2,222	2,218	2,237	2,510	2,508	2,504	2,523	2,820	2,818	2,813	2,833	3,165	3,163	3,159	3,179	3,571	3,569	3,565	3,584	3,571	3,569	3,565	3,584

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHR1 (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-f.fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1125	MBh	46.1	46.7	48.1	-	45.6	46.3	47.7	-	44.4	45.1	46.5	-	42.4	43.0	44.4	-	38.4	39.1	40.4	-	28.0	28.5	29.5	-
	S/T	0.55	0.47	0.34	-	0.55	0.48	0.35	-	0.58	0.50	0.37	-	0.59	0.52	0.39	-	0.64	0.56	0.43	-	1.00	1.00	0.54	-
	ΔT	21	19	15	-	21	19	15	-	21	19	16	-	21	19	15	-	20	18	15	-	18	17	14	-
	kW	3.75	3.75	3.74	-	4.27	4.26	4.25	-	4.84	4.83	4.82	-	5.46	5.45	5.44	-	5.96	5.95	5.94	-	5.35	5.35	5.34	-
	Amps	14.4	14.3	14.3	-	16.6	16.6	16.5	-	19.1	19.1	19.0	-	21.8	21.7	21.7	-	23.9	23.9	23.9	-	21.3	21.3	21.3	-
	Hi/PR	282	283	285	-	327	328	330	-	374	375	377	-	424	425	427	-	470	471	473	-	484	485	487	-
Lo/PR	115	116	119	-	122	123	126	-	128	130	132	-	133	135	138	-	141	142	145	-	162	164	167	-	
70 1370	MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	39.2	39.9	41.2	-	28.6	29.1	30.1	-
	S/T	0.64	0.56	0.43	-	0.64	0.57	0.44	-	0.67	0.59	0.46	-	0.69	0.61	0.48	-	1.00	0.66	0.52	-	1.00	1.00	0.64	-
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	18	17	13	-	17	15	12	-
	kW	3.79	3.79	3.78	-	4.31	4.30	4.29	-	4.88	4.87	4.86	-	5.50	5.49	5.48	-	6.00	5.99	5.98	-	5.38	5.38	5.37	-
	Amps	14.5	14.5	14.5	-	16.8	16.7	16.7	-	19.2	19.2	19.2	-	21.9	21.9	21.9	-	24.1	24.1	24.1	-	21.5	21.4	21.4	-
	Hi/PR	286	287	289	-	330	332	334	-	377	378	380	-	428	429	431	-	473	474	476	-	487	488	490	-
Lo/PR	117	119	122	-	124	126	129	-	130	132	135	-	136	137	140	-	143	145	148	-	165	167	170	-	
1525	MBh	47.6	48.2	49.6	-	47.1	47.8	49.2	-	45.9	46.6	48.0	-	43.9	44.5	45.9	-	39.9	40.5	41.8	-	29.1	29.6	30.6	-
	S/T	0.67	0.59	0.46	-	0.67	0.60	0.47	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.69	0.55	-	1.00	1.00	0.68	-
	ΔT	18	16	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	12	-	16	15	12	-
	kW	3.81	3.81	3.80	-	4.33	4.32	4.31	-	4.90	4.89	4.88	-	5.52	5.51	5.50	-	6.01	6.01	6.00	-	5.40	5.40	5.39	-
	Amps	14.6	14.6	14.6	-	16.8	16.8	16.8	-	19.3	19.3	19.3	-	22.0	22.0	22.0	-	24.2	24.2	24.1	-	21.5	21.5	21.5	-
	Hi/PR	288	289	291	-	332	334	336	-	379	381	383	-	430	431	433	-	475	476	478	-	489	490	492	-
Lo/PR	119	120	123	-	126	127	130	-	132	134	137	-	137	139	142	-	145	146	149	-	167	169	172	-	
75 1125	MBh	46.1	46.7	48.1	50.2	45.7	46.3	47.7	49.8	44.5	45.1	46.5	48.6	42.4	43.0	44.4	46.5	38.5	39.1	40.4	42.5	28.0	28.5	29.5	31.1
	S/T	0.67	0.60	0.47	0.33	0.67	0.60	0.47	0.34	0.70	0.63	0.50	0.36	1.00	0.64	0.52	0.38	1.00	0.69	0.56	0.41	1.00	1.00	0.68	0.52
	ΔT	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	24	22	19	15	22	20	17	14
	kW	3.75	3.75	3.74	3.78	4.26	4.26	4.25	4.29	4.83	4.83	4.82	4.86	5.45	5.45	5.44	5.48	5.95	5.95	5.94	5.98	5.35	5.35	5.34	5.37
	Amps	14.3	14.3	14.3	14.5	16.6	16.6	16.5	16.7	19.1	19.0	19.0	19.2	21.8	21.7	21.7	21.9	23.9	23.9	23.9	24.0	21.3	21.3	21.3	21.4
	Hi/PR	282	284	286	291	327	328	330	335	374	375	377	382	424	426	428	433	470	471	473	478	484	486	487	492
Lo/PR	115	116	119	124	122	123	126	131	128	130	132	137	133	135	138	143	141	142	145	150	162	164	167	173	
75 1370	MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.5	43.2	43.9	45.3	47.4	39.3	39.9	41.2	43.3	28.6	29.1	30.1	31.7
	S/T	0.76	0.69	0.56	0.42	0.77	0.69	0.56	0.43	0.79	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.78	0.65	0.51	1.00	1.00	0.78	0.63
	ΔT	23	21	18	14	23	21	18	14	24	22	18	14	23	21	18	14	22	21	17	14	20	19	16	13
	kW	3.79	3.79	3.78	3.82	4.30	4.30	4.29	4.33	4.87	4.87	4.86	4.90	5.49	5.49	5.48	5.52	5.99	5.99	5.98	6.02	5.38	5.38	5.37	5.40
	Amps	14.5	14.5	14.5	14.6	16.7	16.7	16.7	16.9	19.2	19.2	19.2	19.3	21.9	21.9	21.9	22.0	24.1	24.1	24.0	24.2	21.4	21.4	21.4	21.5
	Hi/PR	286	287	289	294	331	332	334	339	377	379	381	386	428	429	431	436	473	474	476	481	488	489	490	495
Lo/PR	117	119	122	127	124	126	129	134	131	132	135	140	136	137	140	145	143	145	148	153	165	167	170	176	
1525	MBh	47.6	48.2	49.6	51.7	47.2	47.8	49.2	51.3	46.0	46.6	48.0	50.1	43.9	44.5	45.9	48.0	39.9	40.5	41.9	43.9	29.1	29.6	30.6	32.2
	S/T	0.79	0.72	0.59	0.45	0.80	0.72	0.59	0.46	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.68	0.54	1.00	1.00	0.82	0.66
	ΔT	22	21	17	13	22	21	17	13	23	21	17	14	22	20	17	13	22	20	16	13	20	18	15	12
	kW	3.81	3.81	3.80	3.84	4.32	4.32	4.31	4.35	4.89	4.89	4.88	4.92	5.51	5.51	5.50	5.54	6.01	6.01	6.00	6.04	5.40	5.39	5.39	5.42
	Amps	14.6	14.6	14.5	14.7	16.8	16.8	16.8	16.9	19.3	19.3	19.3	19.4	22.0	22.0	22.0	22.1	24.2	24.2	24.1	24.3	21.5	21.5	21.5	21.6
	Hi/PR	288	289	291	296	333	334	336	341	380	381	383	388	430	431	433	438	475	477	478	483	489	491	492	497
Lo/PR	119	120	123	128	126	127	130	135	132	134	137	141	137	139	142	147	145	146	149	154	167	169	172	178	

Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
	65°F				75°F				85°F				95°F				105°F				115°F					
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
1125	MBh	46.3	47.0	48.4	50.5	45.9	46.6	47.9	50.1	44.7	45.4	46.7	48.9	42.6	43.3	44.7	46.8	38.7	39.3	40.7	42.7	28.2	28.7	29.7	31.3	
	S/T	0.79	0.72	0.59	0.45	0.79	0.72	0.59	0.46	1.00	0.75	0.62	0.48	1.00	0.76	0.64	0.50	1.00	0.81	0.68	0.54	1.00	1.00	1.00	0.66	
	ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	29	28	26	23	19	25	24	21	18
	kW	3.75	3.75	3.74	3.78	4.26	4.26	4.25	4.29	4.84	4.83	4.82	4.86	5.46	5.45	5.44	5.48	5.96	5.95	5.94	5.98	5.35	5.35	5.34	5.37	
	Amps	14.4	14.3	14.3	14.5	16.6	16.6	16.5	16.7	19.1	19.1	19.0	19.2	21.8	21.7	21.7	21.9	23.9	23.9	23.9	24.0	21.3	21.3	21.3	21.4	
80	Hi PR	283	284	286	291	328	329	331	336	374	376	378	383	425	426	428	433	470	472	473	478	485	486	488	492	
	Lo PR	115	117	120	125	122	124	127	132	129	130	133	138	134	135	138	143	141	143	146	151	163	165	168	173	
	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	39.5	40.1	41.5	43.5	28.8	29.3	30.3	31.9	
	S/T	0.88	0.81	0.68	0.54	1.00	0.81	0.68	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	0.91	0.77	0.63	1.00	1.00	1.00	0.76	
	ΔT	27	26	22	18	27	26	22	18	28	26	22	19	27	26	22	18	27	25	21	18	24	22	19	16	
1525	kW	3.79	3.79	3.78	3.82	4.30	4.30	4.29	4.33	4.88	4.87	4.86	4.90	5.50	5.49	5.48	5.52	5.99	5.99	5.98	6.02	5.38	5.38	5.37	5.40	
	Amps	14.5	14.5	14.5	14.6	16.8	16.7	16.7	16.9	19.2	19.2	19.2	19.4	21.9	21.9	21.9	22.1	24.1	24.1	24.1	24.2	21.4	21.4	21.4	21.5	
	Hi PR	286	288	290	295	331	332	334	339	378	379	381	386	428	430	432	437	474	475	477	482	488	489	491	495	
	Lo PR	118	119	122	127	125	126	129	134	131	132	135	140	136	138	141	146	144	145	148	153	166	167	171	176	
	MBh	47.8	48.5	49.9	52.0	47.4	48.1	49.4	51.6	46.2	46.9	48.2	50.3	44.1	44.8	46.2	48.3	40.1	40.8	42.1	44.1	29.3	29.8	30.8	32.4	
1525	S/T	0.91	0.84	0.71	0.57	1.00	0.84	0.71	0.58	1.00	0.87	0.74	0.60	1.00	0.89	0.76	0.62	1.00	1.00	0.81	0.66	1.00	1.00	1.00	0.80	
	ΔT	27	25	21	18	27	25	21	18	27	25	21	18	27	25	21	18	26	24	20	17	23	22	19	16	
	kW	3.81	3.81	3.80	3.84	4.32	4.32	4.31	4.35	4.90	4.89	4.88	4.92	5.52	5.51	5.50	5.54	6.01	6.01	6.00	6.04	5.40	5.40	5.39	5.42	
	Amps	14.6	14.6	14.6	14.7	16.8	16.8	16.8	17.0	19.3	19.3	19.3	19.4	22.0	22.0	22.0	22.1	24.2	24.2	24.1	24.3	21.5	21.5	21.5	21.6	
	Hi PR	289	290	292	297	333	334	336	341	380	381	383	388	431	432	434	439	476	477	479	484	490	491	493	497	
85	Lo PR	120	121	124	129	127	128	131	136	133	134	137	142	138	139	142	147	145	147	150	155	168	169	173	178	
	MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	40.3	40.9	42.2	44.3	29.4	29.9	30.9	32.5	
	S/T	1.00	0.90	0.77	0.64	1.00	0.91	0.78	0.64	1.00	0.93	0.80	0.67	1.00	1.00	0.82	0.69	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.88	
	ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	30	28	25	21	27	25	22	19	
	kW	3.80	3.80	3.79	3.83	4.31	4.31	4.30	4.34	4.89	4.88	4.87	4.91	5.51	5.50	5.49	5.53	6.00	6.00	5.99	6.03	5.39	5.39	5.38	5.41	
1525	Amps	14.6	14.6	14.5	14.7	16.8	16.8	16.7	16.9	19.3	19.3	19.2	19.4	22.0	22.0	21.9	22.1	24.1	24.1	24.1	24.3	21.5	21.5	21.4	21.6	
	Hi PR	288	289	291	296	332	334	336	341	379	381	383	387	430	431	433	438	475	476	478	483	489	490	492	497	
	Lo PR	120	121	124	129	127	128	131	136	133	134	137	142	138	139	142	147	145	147	150	155	168	169	173	178	
	MBh	48.6	49.3	50.6	52.8	48.2	48.8	50.2	52.3	47.0	47.6	49.0	51.1	44.9	45.6	46.9	49.0	40.9	41.5	42.9	44.9	29.9	30.4	31.4	33.0	
	S/T	1.00	0.93	0.80	0.67	1.00	0.94	0.81	0.67	1.00	1.00	0.83	0.70	1.00	1.00	0.85	0.72	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.91	
1525	ΔT	30	28	25	21	30	28	25	21	30	29	25	21	30	28	25	21	29	27	24	20	26	25	22	19	
	kW	3.82	3.82	3.81	3.85	4.33	4.33	4.32	4.36	4.91	4.90	4.89	4.93	5.53	5.52	5.51	5.55	6.02	6.02	6.01	6.05	5.41	5.40	5.40	5.43	
	Amps	14.7	14.6	14.6	14.8	16.9	16.9	16.8	17.0	19.4	19.4	19.3	19.5	22.1	22.0	22.0	22.2	24.2	24.2	24.2	24.3	21.5	21.5	21.5	21.6	
	Hi PR	290	291	293	298	335	336	338	343	381	383	385	390	432	433	435	440	477	478	480	485	491	492	494	499	
	Lo PR	121	123	126	131	128	130	133	138	134	136	139	144	140	141	144	149	147	149	152	157	170	171	175	180	

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

Shaded area is AHR1 (TVA) conditions

kW = Total system power
Amps = outdoor unit amps (comp.-fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		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				
970	MBh	33.2	33.7	34.7	-	32.9	33.4	34.4	-	32.0	32.5	33.5	-	30.5	31.0	32.0	-	28.7	29.2	30.2	-	26.9	27.4	28.4	-	25.1	25.6	26.6	-	23.3	23.8	24.8	-				
	S/T	0.58	0.51	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	0.67	0.60	0.46	-	0.69	0.62	0.48	-	0.71	0.64	0.50	-				
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-				
	kW	1.96	1.96	1.96	-	2.22	2.22	2.21	-	2.51	2.50	2.50	-	2.81	2.81	2.81	-	3.16	3.16	3.15	-	3.51	3.51	3.51	-	3.86	3.86	3.86	-	4.21	4.21	4.21	-				
	Amps	7.3	7.3	7.3	-	8.4	8.4	8.4	-	9.7	9.6	9.6	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.3	14.3	14.3	-	16.1	16.1	16.1	-	18.0	18.0	18.0	-				
	Hi PR	270	272	273	-	313	314	316	-	358	359	361	-	406	407	409	-	454	455	457	-	502	503	505	-	550	551	553	-	600	601	603	-				
	Lo PR	118	120	123	-	126	127	130	-	132	134	137	-	137	139	142	-	143	144	147	-	149	151	154	-	157	160	163	-	165	168	171	-				
70	MBh	33.7	34.2	35.2	-	33.4	33.9	34.9	-	32.6	33.0	34.0	-	31.1	31.5	32.5	-	29.2	29.7	30.7	-	27.6	28.0	29.0	-	26.0	26.4	27.4	-	24.4	24.8	25.8	-				
	S/T	0.65	0.58	0.45	-	0.66	0.59	0.45	-	0.68	0.61	0.48	-	0.70	0.63	0.50	-	0.72	0.65	0.52	-	0.74	0.67	0.53	-	0.76	0.69	0.55	-	0.78	0.71	0.57	-				
	ΔT	18	17	13	-	18	17	13	-	19	17	14	-	18	17	13	-	18	16	13	-	17	16	12	-	16	15	11	-	15	14	10	-				
	kW	1.98	1.98	1.97	-	2.24	2.23	2.23	-	2.52	2.52	2.51	-	2.83	2.83	2.82	-	3.18	3.17	3.17	-	3.53	3.53	3.53	-	3.88	3.88	3.88	-	4.23	4.23	4.23	-				
	Amps	7.4	7.4	7.3	-	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.1	11.1	11.0	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	16.1	16.1	16.1	-	18.0	18.0	18.0	-				
	Hi PR	273	274	276	-	316	317	319	-	361	362	364	-	409	410	412	-	461	462	464	-	513	514	516	-	565	566	568	-	617	618	620	-				
	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	151	153	156	-	159	162	165	-	167	170	173	-				
1310	MBh	34.4	34.8	35.8	-	34.1	34.5	35.5	-	33.2	33.7	34.7	-	31.7	32.2	33.2	-	29.9	30.3	31.3	-	28.2	28.7	29.7	-	26.6	27.0	28.0	-								
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	0.74	0.67	0.53	-	0.76	0.69	0.55	-	0.78	0.71	0.57	-	0.80	0.73	0.59	-								
	ΔT	17	16	12	-	17	16	12	-	18	16	12	-	17	16	12	-	17	15	12	-	16	15	11	-	15	14	10	-								
	kW	1.99	1.99	1.99	-	2.25	2.25	2.24	-	2.53	2.53	2.53	-	2.84	2.84	2.84	-	3.19	3.19	3.18	-	3.54	3.54	3.54	-	3.89	3.89	3.89	-								
	Amps	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-	14.4	14.4	14.4	-	16.2	16.2	16.2	-								
	Hi PR	276	277	279	-	319	320	322	-	363	364	366	-	411	413	415	-	463	465	467	-	515	517	519	-	567	569	571	-								
	Lo PR	123	124	127	-	130	132	135	-	136	138	141	-	142	143	146	-	147	149	152	-	154	155	158	-	162	164	167	-								
75	MBh	33.2	33.7	34.7	36.2	32.9	33.4	34.4	35.9	32.1	32.5	33.5	35.0	30.6	31.0	32.0	33.5	28.7	29.2	30.2	31.7	27.1	27.5	28.5	30.1												
	S/T	0.71	0.63	0.50	0.36	0.71	0.64	0.51	0.36	0.74	0.66	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.70	0.57	0.43	1.00	0.75	0.62	0.48												
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16												
	kW	1.96	1.96	1.95	1.97	2.22	2.22	2.21	2.23	2.50	2.50	2.50	2.52	2.81	2.81	2.81	2.83	3.16	3.16	3.15	3.17	3.56	3.56	3.56	3.58												
	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.3												
	Hi PR	271	272	274	278	313	314	316	321	358	359	361	366	406	407	409	414	458	459	461	466	514	515	517	522												
	Lo PR	119	120	123	128	126	127	130	135	132	134	137	142	137	139	142	147	143	144	147	152	149	151	154	159												
1140	MBh	33.7	34.2	35.2	36.7	33.4	33.9	34.9	36.4	32.6	33.0	34.0	35.6	31.1	31.5	32.5	34.1	29.3	29.7	30.7	32.2	27.6	28.1	29.1	30.6												
	S/T	0.78	0.71	0.57	0.43	0.79	0.71	0.58	0.44	1.00	0.74	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.83	0.69	0.55												
	ΔT	22	21	17	14	22	21	17	14	23	21	17	14	22	21	17	14	22	20	17	13	23	21	18	15												
	kW	1.98	1.98	1.97	1.99	2.23	2.23	2.23	2.25	2.52	2.52	2.51	2.53	2.83	2.83	2.82	2.84	3.17	3.17	3.17	3.19	3.58	3.58	3.57	3.59												
	Amps	7.4	7.4	7.3	7.4	8.5	8.5	8.4	8.5	9.7	9.7	9.7	9.8	11.1	11.1	11.0	11.1	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.4												
	Hi PR	273	275	276	281	316	317	319	324	361	362	364	369	409	410	412	417	461	462	464	469	516	518	520	524												
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161												
1310	MBh	34.4	34.8	35.8	37.4	34.1	34.5	35.5	37.1	33.2	33.7	34.7	36.2	31.7	32.2	33.2	34.7	29.9	30.4	31.4	32.9	28.2	28.7	29.7	31.2												
	S/T	0.82	0.74	0.61	0.47	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	1.00	0.73	0.59												
	ΔT	21	20	16	13	21	20	16	13	22	20	16	13	21	20	16	13	21	19	16	12	22	20	17	14												
	kW	1.99	1.99	1.98	2.00	2.25	2.24	2.24	2.26	2.53	2.53	2.53	2.55	2.84	2.84	2.84	2.86	3.19	3.19	3.18	3.20	3.59	3.59	3.59	3.61												
	Amps	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.4												
	Hi PR	276	277	279	284	319	320	322	327	364	365	367	371	412	413	415	420	464	465	467	471	519	520	522	527												
	Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	158	163												

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

IDB	AIRFLOW	65°F					75°F					85°F					95°F					105°F					115°F						
		OUTDOOR AMBIENT TEMPERATURE																															
		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	59	63	67	71
970	MBh	33.4	33.9	34.9	36.4	33.1	33.6	34.6	36.1	32.2	32.7	33.7	35.2	30.7	31.2	32.2	33.7	28.9	29.4	30.4	31.9	27.2	27.7	28.7	30.2	25.7	26.2	27.2	28.7	24.2	24.7	25.7	27.2
	S/T	0.83	0.76	0.62	0.48	1.00	0.76	0.63	0.49	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	0.80	0.67	0.53	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	27	27	27	27	26	26	26	26	25	25	25	25
	kW	1.96	1.96	1.96	1.98	2.22	2.22	2.21	2.23	2.50	2.50	2.50	2.52	2.81	2.81	2.81	2.83	3.16	3.16	3.16	3.15	3.57	3.57	3.56	3.58	3.97	3.97	3.96	3.94	4.36	4.36	4.35	4.33
	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.6	9.6	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.5	14.3	14.3	14.3	14.3	16.1	16.1	16.1	16.0	17.9	17.9	17.8	17.7
	Hi-PR	271	272	274	279	314	315	317	322	359	360	362	366	407	408	410	415	459	460	462	467	514	514	515	517	566	566	566	566	617	617	617	617
Lo-PR	119	121	124	129	126	128	131	136	133	134	137	142	138	139	142	148	143	145	148	153	150	151	151	154	159	160	160	160	167	167	167	167	
80	MBh	33.9	34.4	35.4	36.9	33.6	34.1	35.1	36.6	32.7	33.2	34.2	35.7	31.2	31.7	32.7	34.2	29.4	29.9	30.9	32.4	27.8	28.2	29.2	30.7	26.2	26.6	27.6	29.1	24.6	25.0	26.0	27.5
	S/T	0.90	0.83	0.70	0.56	1.00	0.84	0.70	0.56	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	26	25	21	18	26	25	21	18	27	25	22	18	26	25	21	18	26	24	21	17	25	25	25	25	24	24	24	24	23	23	23	23
	kW	1.98	1.98	1.97	1.99	2.23	2.23	2.23	2.25	2.52	2.52	2.51	2.53	2.83	2.83	2.82	2.84	3.18	3.17	3.17	3.19	3.58	3.58	3.58	3.60	3.98	3.98	3.97	3.95	4.37	4.37	4.36	4.34
	Amps	7.4	7.4	7.3	7.4	8.5	8.5	8.5	8.5	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.1	12.6	12.6	12.6	12.6	14.4	14.3	14.3	14.3	16.2	16.2	16.2	16.1	18.0	18.0	18.0	18.0
	Hi-PR	274	275	277	282	317	318	320	324	361	363	364	369	410	411	413	417	462	463	465	469	517	518	518	520	569	569	569	569	620	620	620	620
Lo-PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	145	150	145	147	150	155	152	153	153	156	161	161	161	161	168	168	168	168	
1310	MBh	34.6	35.0	36.0	37.5	34.3	34.7	35.7	37.2	33.4	33.9	34.8	36.4	31.9	32.4	33.4	34.9	30.1	30.5	31.5	33.0	28.4	28.9	29.9	31.4	26.8	27.2	28.2	29.7	25.2	25.6	26.6	28.1
	S/T	1.00	0.87	0.73	0.59	1.00	0.87	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.92	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	25	24	20	17	25	24	20	17	26	24	20	17	25	24	20	17	25	23	20	16	26	24	21	18	24	24	24	24	23	23	23	23
	kW	1.99	1.99	1.99	2.00	2.25	2.25	2.24	2.26	2.53	2.53	2.53	2.55	2.84	2.84	2.84	2.86	3.19	3.19	3.18	3.20	3.60	3.59	3.59	3.61	3.99	3.99	3.98	3.96	4.38	4.38	4.37	4.35
	Amps	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.6	14.4	14.4	14.4	14.4	16.2	16.2	16.2	16.1	18.0	18.0	18.0	18.0
	Hi-PR	277	278	280	284	319	320	322	327	364	365	367	372	412	413	415	420	464	465	467	472	520	521	521	523	571	571	571	571	622	622	622	622
Lo-PR	123	125	128	133	131	132	135	140	137	138	142	147	142	144	147	152	148	149	152	157	154	154	154	156	161	161	161	161	168	168	168	168	

IDB	AIRFLOW	65°F					75°F					85°F					95°F					105°F					115°F						
		OUTDOOR AMBIENT TEMPERATURE																															
		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	59	63	67	71
970	MBh	34.0	34.4	35.4	36.9	33.7	34.1	35.1	36.6	32.8	33.3	34.3	35.8	31.3	31.8	32.8	34.3	29.5	29.9	30.9	32.5	27.8	28.3	29.3	30.8	26.2	26.6	27.6	29.1	24.6	25.0	26.0	27.5
	S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	31	30	26	23	31	30	26	23	32	30	26	23	31	30	26	23	31	29	26	22	32	30	27	24	30	29	29	29	29	29	29	29
	kW	1.97	1.97	1.96	1.98	2.22	2.22	2.22	2.24	2.51	2.51	2.50	2.52	2.82	2.82	2.81	2.83	3.17	3.16	3.16	3.18	3.57	3.57	3.57	3.58	3.97	3.97	3.96	3.94	4.36	4.36	4.35	4.33
	Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.7	9.7	9.7	9.7	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.3	14.3	14.3	14.3	16.1	16.1	16.1	16.0	17.9	17.9	17.8	17.7
	Hi-PR	272	274	275	280	315	316	318	323	360	361	363	368	408	409	411	416	460	461	463	468	515	517	519	523	576	576	576	576	627	627	627	627
Lo-PR	121	122	125	130	128	130	133	138	134	136	139	144	140	141	144	149	145	146	149	155	152	153	153	156	161	161	161	161	168	168	168	168	
85	MBh	34.5	34.9	35.9	37.5	34.2	34.6	35.6	37.2	33.3	33.8	34.8	36.3	31.8	32.3	33.3	34.8	30.0	30.5	31.4	33.0	28.3	28.8	29.8	31.3	26.7	27.1	28.1	29.6	25.1	25.5	26.5	28.0
	S/T	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.66	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.92	0.78	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	30	28	25	21	31	29	26	22	29	29	29	29	28	28	28	28
	kW	1.98	1.98	1.98	2.00	2.24	2.24	2.23	2.25	2.53	2.52	2.52	2.54	2.84	2.83	2.83	2.85	3.18	3.18	3.17	3.19	3.59	3.59	3.58	3.60	3.99	3.99	3.98	3.96	4.38	4.38	4.37	4.35
	Amps	7.4	7.4	7.4	7.4	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.4	14.4	14.4	14.4	16.2	16.2	16.2	16.1	18.0	18.0	18.0	18.0
	Hi-PR	275	276	278	283	318	319	321	326	363	364	366	370	411	412	414	419	463	464	466	471	518	519	521	526	579	579	579	579	630	630	630	630
Lo-PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	155	158	163	163	163	163	170	170	170	170	
1310	MBh	35.1	35.6	36.6	38.1	34.8	35.3	36.3	37.8	33.9	34.4	35.4	36.9	32.4	32.9	33.9	35.4	30.6	31.1	32.1	33.6	29.0	29.4	30.4	31.9	27.4	27.8	28.8	30.3	25.8	26.2	27.2	28.7
	S/T	1.00	0.97	0.83	0.69	1.00	0.97	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	0.92	0.78	0.97	0.84	0.71	0.57	0.84	0.71	0.58	0.44
	ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	29	27	23	20	30	28	25	21	28	28	28	28	27	27	27	27
	kW	2.00	1.99	1.99	2.01	2.25	2.25	2.25	2.27	2.54	2.54	2.53	2.55	2.85	2.85	2.84	2.86	3.19	3.19	3.19	3.21	3.60	3.60	3.59	3.61	3.99	3.99	3.98	3.96	4			

EXPANDED COOLING DATA — DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* AT 100%

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1390	MBh	54.8	55.6	57.2	-	54.3	55.1	56.7	-	52.9	53.7	55.3	-	50.4	51.2	52.8	-	45.6	46.4	48.0	-	34.4	35.0	36.2	-
	S/T	0.57	0.49	0.36	-	0.57	0.50	0.37	-	0.60	0.52	0.39	-	0.61	0.54	0.41	-	0.66	0.59	0.45	-	1.00	0.70	0.55	-
	ΔT	21	19	16	-	21	19	16	-	21	19	16	-	21	19	15	-	20	18	15	-	19	17	14	-
	kW	4.45	4.45	4.44	-	5.06	5.06	5.05	-	5.75	5.74	5.73	-	6.48	6.48	6.47	-	7.06	7.06	7.05	-	6.54	6.53	6.53	-
	Amps	17.1	17.0	17.0	-	19.7	19.7	19.7	-	22.7	22.7	22.6	-	25.9	25.9	25.8	-	28.4	28.4	28.4	-	26.1	26.1	26.1	-
	Hi PR	302	304	306	-	350	352	354	-	400	402	404	-	454	456	458	-	498	499	501	-	510	511	513	-
	Lo PR	109	111	114	-	116	117	120	-	122	123	126	-	127	128	131	-	143	144	147	-	161	162	165	-
	MBh	55.7	56.4	58.1	-	55.2	55.9	57.6	-	53.7	54.5	56.2	-	51.3	52.0	53.7	-	46.4	47.2	48.8	-	35.0	35.6	36.9	-
	S/T	0.64	0.56	0.43	-	0.64	0.57	0.44	-	0.67	0.59	0.46	-	0.69	0.61	0.48	-	1.00	0.66	0.53	-	1.00	1.00	0.63	-
	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	13	-	18	16	13	-
kW	4.49	4.48	4.47	-	5.10	5.10	5.09	-	5.78	5.78	5.77	-	6.52	6.52	6.51	-	7.10	7.10	7.09	-	6.57	6.56	6.56	-	
Amps	17.2	17.2	17.2	-	19.9	19.9	19.8	-	22.9	22.8	22.8	-	26.1	26.0	26.0	-	28.6	28.6	28.5	-	26.3	26.2	26.2	-	
Hi PR	306	307	309	-	353	355	357	-	403	405	407	-	457	459	461	-	501	502	504	-	513	514	516	-	
Lo PR	111	113	116	-	118	119	122	-	124	125	128	-	129	130	133	-	145	146	149	-	163	164	168	-	
MBh	56.7	57.5	59.2	-	56.3	57.0	58.7	-	54.8	55.6	57.2	-	52.4	53.1	54.8	-	47.5	48.2	49.8	-	35.8	36.4	37.7	-	
S/T	0.67	0.60	0.47	-	0.68	0.61	0.48	-	0.70	0.63	0.50	-	0.72	0.65	0.52	-	1.00	0.70	0.56	-	1.00	1.00	0.68	-	
ΔT	19	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	12	-	17	15	12	-	
kW	4.52	4.52	4.51	-	5.13	5.13	5.12	-	5.82	5.81	5.80	-	6.55	6.55	6.54	-	7.13	7.13	7.12	-	6.59	6.59	6.58	-	
Amps	17.4	17.3	17.3	-	20.0	20.0	20.0	-	23.0	23.0	22.9	-	26.2	26.2	26.1	-	28.7	28.7	28.7	-	26.4	26.4	26.3	-	
Hi PR	309	310	312	-	356	358	360	-	406	408	410	-	460	462	464	-	504	505	507	-	515	517	518	-	
Lo PR	114	115	118	-	120	122	124	-	126	127	130	-	131	132	135	-	147	149	152	-	165	167	170	-	
MBh	54.9	55.6	57.3	59.8	54.4	55.1	56.8	59.3	52.9	53.7	55.3	57.9	50.5	51.2	52.9	55.4	45.7	46.4	48.0	50.4	34.4	35.0	36.3	38.2	
S/T	0.69	0.62	0.49	0.35	0.70	0.62	0.49	0.36	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	1.00	0.72	0.58	0.44	1.00	1.00	0.69	0.54	
ΔT	25	23	20	16	25	23	20	16	26	24	20	16	25	23	20	16	24	22	19	15	22	21	18	14	
kW	4.45	4.44	4.43	4.48	5.06	5.05	5.04	5.09	5.74	5.74	5.73	5.77	6.48	6.48	6.46	6.51	7.06	7.06	7.05	7.09	6.53	6.53	6.52	6.56	
Amps	17.0	17.0	17.0	17.2	19.7	19.7	19.6	19.8	22.7	22.7	22.6	22.8	25.9	25.9	25.8	26.0	28.4	28.4	28.3	28.5	26.1	26.1	26.1	26.2	
Hi PR	303	304	306	311	351	352	354	359	401	402	404	409	455	456	458	463	498	500	502	507	510	511	513	518	
Lo PR	109	111	114	118	116	118	120	125	122	123	126	131	127	128	131	136	143	144	147	152	161	162	165	171	
MBh	55.7	56.5	58.1	60.6	55.2	56.0	57.6	60.1	53.8	54.5	56.2	58.7	51.3	52.1	53.7	56.2	46.5	47.2	48.8	51.2	35.0	35.6	36.9	38.8	
S/T	0.76	0.69	0.56	0.42	0.77	0.69	0.56	0.43	0.79	0.72	0.59	0.45	0.81	0.74	0.61	0.47	1.00	0.79	0.65	0.51	1.00	1.00	0.78	0.62	
ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	23	21	17	14	21	20	16	13	
kW	4.49	4.48	4.47	4.52	5.10	5.09	5.08	5.13	5.78	5.77	5.76	5.81	6.52	6.51	6.50	6.55	7.10	7.09	7.08	7.13	6.56	6.56	6.55	6.59	
Amps	17.2	17.2	17.1	17.3	19.9	19.8	19.8	20.0	22.8	22.8	22.8	23.0	26.0	26.0	26.0	26.2	28.6	28.5	28.5	28.7	26.2	26.2	26.2	26.4	
Hi PR	306	307	309	315	354	355	357	362	404	405	407	412	458	459	461	466	501	503	505	510	513	514	516	521	
Lo PR	111	113	116	120	118	119	122	127	124	125	128	133	129	130	133	138	145	146	149	154	163	164	168	173	
MBh	56.8	57.6	59.2	61.7	56.3	57.1	58.7	61.2	54.9	55.6	57.3	59.8	52.4	53.2	54.8	57.3	47.5	48.3	49.9	52.3	35.9	36.5	37.7	39.7	
S/T	0.80	0.72	0.59	0.46	0.80	0.73	0.60	0.46	0.83	0.75	0.62	0.49	0.85	0.77	0.64	0.51	1.00	0.83	0.69	0.55	1.00	1.00	0.82	0.66	
ΔT	23	21	17	13	23	21	17	13	23	21	17	14	23	21	17	13	22	20	16	13	20	19	15	12	
kW	4.52	4.51	4.50	4.55	5.13	5.12	5.11	5.16	5.81	5.81	5.80	5.84	6.55	6.55	6.54	6.58	7.13	7.12	7.11	7.16	6.59	6.59	6.58	6.61	
Amps	17.3	17.3	17.3	17.5	20.0	20.0	19.9	20.1	23.0	23.0	22.9	23.1	26.2	26.2	26.1	26.3	28.7	28.7	28.6	28.8	26.4	26.3	26.3	26.5	
Hi PR	309	310	312	318	357	358	360	365	407	408	410	415	461	462	464	469	504	506	508	513	516	517	519	523	
Lo PR	114	115	118	122	120	122	124	129	126	127	130	135	131	132	135	140	147	149	152	157	165	167	170	176	

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		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																							
		55.1	55.9	57.6	60.1	54.6	55.4	57.1	59.6	53.2	54.0	55.6	58.1	50.7	51.5	53.2	55.7	45.9	46.7	48.3	50.7	34.6	35.2	36.5	38.4
		0.81	0.74	0.61	0.47	0.82	0.74	0.61	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.84	0.71	0.56	1.00	1.00	0.83	0.68
		30	28	24	20	30	28	24	20	30	28	24	21	30	28	24	20	28	26	23	19	26	24	21	18
		4.45	4.45	4.44	4.48	5.06	5.06	5.05	5.09	5.74	5.74	5.73	5.78	6.48	6.48	6.47	6.51	7.06	7.06	7.05	7.09	6.54	6.53	6.53	6.56
	1390	17.1	17.0	17.0	17.2	19.7	19.7	19.7	19.9	22.7	22.7	22.6	22.8	25.9	25.9	25.8	26.0	28.4	28.4	28.4	28.5	26.1	26.1	26.1	26.2
		303	305	307	312	351	352	355	360	401	403	405	410	455	456	459	464	499	500	502	507	511	512	514	518
		110	111	114	119	117	118	121	125	122	124	127	131	127	129	132	136	143	145	148	153	161	163	166	171
		56.0	56.8	58.4	60.9	55.5	56.3	57.9	60.4	54.1	54.8	56.5	59.0	51.6	52.4	54.0	56.5	46.8	47.5	49.1	51.5	35.3	35.9	37.1	39.0
		0.88	0.81	0.68	0.54	0.89	0.81	0.68	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.78	0.64	1.00	1.00	1.00	0.76
		28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	27	25	22	18	25	23	20	17
		4.49	4.48	4.47	4.52	5.10	5.10	5.08	5.13	5.78	5.78	5.77	5.81	6.52	6.52	6.51	6.55	7.10	7.10	7.09	7.13	6.57	6.56	6.55	6.59
	80 1630	17.2	17.2	17.2	17.4	19.9	19.9	19.8	20.0	22.9	22.8	22.8	23.0	26.1	26.0	26.0	26.2	28.6	28.6	28.5	28.7	26.3	26.2	26.2	26.4
		306	308	310	315	354	355	358	363	404	406	408	413	458	459	462	467	502	503	505	510	513	515	516	521
		112	113	116	121	119	120	123	127	124	126	129	133	129	131	133	138	145	147	150	155	163	165	168	174
		57.1	57.8	59.5	62.0	56.6	57.3	59.0	61.5	55.1	55.9	57.6	60.1	52.7	53.4	55.1	57.6	47.8	48.5	50.1	52.5	36.1	36.7	37.9	39.9
		0.92	0.84	0.71	0.58	0.92	0.85	0.72	0.58	1.00	0.87	0.74	0.61	1.00	0.89	0.76	0.63	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.80
		27	25	21	18	27	25	21	18	27	25	22	18	27	25	21	18	26	24	20	17	24	22	19	16
		4.52	4.52	4.51	4.55	5.13	5.13	5.12	5.16	5.81	5.81	5.80	5.85	6.55	6.55	6.54	6.59	7.13	7.13	7.12	7.16	6.59	6.59	6.58	6.62
	1880	17.4	17.3	17.3	17.5	20.0	20.0	20.0	20.2	23.0	23.0	22.9	23.1	26.2	26.2	26.1	26.3	28.7	28.7	28.6	28.8	26.4	26.4	26.3	26.5
		309	311	313	318	357	359	361	366	407	409	411	416	461	463	465	470	505	506	508	513	516	517	519	524
		114	115	118	123	121	122	125	130	127	128	131	135	132	133	136	140	148	149	152	157	166	168	171	176
		56.1	56.8	58.5	61.0	55.6	56.3	58.0	60.5	54.1	54.9	56.6	59.1	51.7	52.4	54.1	56.6	46.8	47.6	49.2	51.6	35.3	35.9	37.2	39.1
		1.00	0.83	0.70	0.57	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.60	1.00	0.88	0.75	0.62	1.00	1.00	0.81	0.66	1.00	1.00	1.00	0.79
		33	31	28	24	33	31	28	24	34	32	28	24	33	31	28	24	32	30	27	23	29	28	25	21
		4.46	4.46	4.45	4.49	5.07	5.07	5.06	5.11	5.76	5.75	5.74	5.79	6.50	6.49	6.48	6.53	7.07	7.07	7.06	7.10	6.55	6.54	6.53	6.57
	1390	17.1	17.1	17.0	17.2	19.8	19.7	19.7	19.9	22.7	22.7	22.7	22.9	25.9	25.9	25.9	26.1	28.5	28.4	28.4	28.6	26.2	26.2	26.1	26.3
		305	306	308	313	353	354	356	361	403	404	406	411	457	458	460	465	500	502	504	509	512	513	515	520
		112	113	116	120	118	120	122	127	124	125	128	133	129	130	133	138	145	147	150	155	163	165	168	173
		56.9	57.7	59.3	61.8	56.4	57.2	58.8	61.3	55.0	55.8	57.4	59.9	52.5	53.3	54.9	57.4	47.6	48.4	50.0	52.4	36.0	36.6	37.8	39.8
		1.00	0.90	0.77	0.64	1.00	0.91	0.78	0.64	1.00	0.93	0.80	0.67	1.00	0.95	0.82	0.69	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.87
		32	30	26	23	32	30	26	23	32	30	27	23	32	30	26	23	31	29	25	22	28	26	23	20
		4.50	4.50	4.48	4.53	5.11	5.11	5.10	5.14	5.79	5.79	5.78	5.83	6.53	6.53	6.52	6.56	7.11	7.11	7.10	7.14	6.58	6.57	6.56	6.60
	85 1630	17.3	17.3	17.2	17.4	19.9	19.9	19.9	20.1	22.9	22.9	22.8	23.0	26.1	26.1	26.0	26.3	28.6	28.6	28.6	28.8	26.3	26.3	26.2	26.4
		308	309	311	317	356	357	359	364	406	407	409	414	460	461	463	468	503	505	507	512	515	516	518	522
		114	115	118	122	120	122	124	129	126	127	130	135	131	132	135	140	147	149	152	157	165	167	170	176
		58.0	58.8	60.4	62.9	57.5	58.3	59.9	62.4	56.1	56.8	58.5	61.0	53.6	54.4	56.0	58.5	48.7	49.4	51.0	53.4	36.8	37.4	38.7	40.6
		1.00	0.94	0.81	0.67	1.00	0.95	0.82	0.68	1.00	0.97	0.84	0.70	1.00	0.99	0.86	0.72	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.91
		31	29	25	22	31	29	25	21	31	29	25	22	31	29	25	21	29	28	24	20	27	25	22	19
		4.53	4.53	4.52	4.56	5.14	5.14	5.13	5.18	5.83	5.82	5.81	5.86	6.57	6.56	6.55	6.60	7.14	7.14	7.13	7.17	6.60	6.60	6.59	6.62
	1880	17.4	17.4	17.3	17.6	20.1	20.1	20.0	20.2	23.0	23.0	23.0	23.2	26.3	26.2	26.2	26.4	28.8	28.7	28.7	28.9	26.4	26.4	26.4	26.5
		311	312	314	320	359	360	362	367	409	410	412	417	463	464	466	471	506	508	510	515	517	519	520	525
		116	117	120	125	122	124	127	131	128	130	132	137	133	135	137	142	150	151	154	159	168	169	173	178

Shaded area is AHR1 (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)
 IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		ENTERING INDOOR WET BULB TEMPERATURE																																															
		IDB	AIRFLOW				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															
	MBh	39.4	40.0	41.2	-	39.1	39.6	40.8	-	38.0	38.6	39.8	-	36.3	36.8	38.0	-	34.1	34.6	35.8	-	32.1	32.7	33.8	-	32.1	32.7	33.8	-	32.1	32.7	33.8	-																
	S/T	0.58	0.51	0.37	-	0.59	0.51	0.38	-	0.61	0.54	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.45	-	0.70	0.63	0.50	-	0.73	0.65	0.52	-	0.70	0.63	0.50	-																
	ΔT	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	15	-	21	19	16	-	21	19	16	-	21	19	16	-																
	kW	2.80	2.80	2.79	-	3.18	3.18	3.17	-	3.61	3.61	3.60	-	4.08	4.08	4.07	-	4.60	4.59	4.59	-	5.21	5.20	5.20	-	5.21	5.20	5.20	-	5.21	5.20	5.20	-																
1160	Amps	10.7	10.7	10.7	-	12.4	12.4	12.4	-	14.3	14.3	14.2	-	16.3	16.3	16.2	-	18.5	18.5	18.5	-	21.2	21.2	21.2	-	21.2	21.2	21.2	-	21.2	21.2	21.2	-																
	Hi PR	289	290	292	-	335	336	338	-	383	384	386	-	434	436	438	-	490	491	493	-	549	550	553	-	549	550	553	-	549	550	553	-																
	Lo PR	113	114	117	-	119	121	124	-	125	127	130	-	130	132	135	-	135	137	140	-	142	143	146	-	142	143	146	-	142	143	146	-																
	MBh	40.0	40.6	41.8	-	39.7	40.2	41.4	-	38.6	39.2	40.4	-	36.9	37.4	38.6	-	34.7	35.2	36.4	-	32.7	33.3	34.4	-	32.7	33.3	34.4	-	32.7	33.3	34.4	-																
	S/T	0.65	0.58	0.45	-	0.66	0.59	0.45	-	0.68	0.61	0.48	-	0.70	0.63	0.50	-	0.73	0.65	0.52	-	0.73	0.65	0.52	-	0.73	0.65	0.52	-	0.73	0.65	0.52	-																
	ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-																
	kW	2.82	2.82	2.81	-	3.21	3.21	3.20	-	3.64	3.63	3.63	-	4.10	4.10	4.09	-	4.62	4.62	4.61	-	5.23	5.23	5.22	-	5.23	5.23	5.22	-	5.23	5.23	5.22	-																
70 1360	Amps	10.8	10.8	10.8	-	12.5	12.5	12.5	-	14.4	14.4	14.3	-	16.4	16.4	16.4	-	18.7	18.6	18.6	-	21.3	21.3	21.3	-	21.3	21.3	21.3	-	21.3	21.3	21.3	-																
	Hi PR	292	293	295	-	338	339	341	-	386	387	389	-	437	438	441	-	493	494	496	-	552	553	555	-	552	553	555	-	552	553	555	-																
	Lo PR	114	116	119	-	121	123	126	-	127	129	132	-	132	134	137	-	137	139	142	-	144	145	148	-	144	145	148	-	144	145	148	-																
	MBh	40.8	41.3	42.5	-	40.4	41.0	42.1	-	39.4	39.9	41.1	-	37.6	38.2	39.3	-	35.4	36.0	37.2	-	33.5	34.0	35.2	-	33.5	34.0	35.2	-	33.5	34.0	35.2	-																
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	0.74	0.67	0.53	-	0.76	0.69	0.55	-	0.76	0.69	0.55	-	0.76	0.69	0.55	-	0.76	0.69	0.55	-																
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-																
	kW	2.84	2.84	2.83	-	3.23	3.22	3.22	-	3.66	3.65	3.65	-	4.12	4.12	4.11	-	4.64	4.64	4.63	-	5.25	5.25	5.24	-	5.25	5.25	5.24	-	5.25	5.25	5.24	-																
1560	Amps	10.9	10.9	10.9	-	12.6	12.6	12.6	-	14.5	14.4	14.4	-	16.5	16.5	16.4	-	18.7	18.7	18.7	-	21.4	21.4	21.3	-	21.4	21.4	21.3	-	21.4	21.4	21.3	-																
	Hi PR	295	296	298	-	341	342	344	-	388	390	392	-	440	441	443	-	496	497	499	-	555	556	558	-	555	556	558	-	555	556	558	-																
	Lo PR	117	118	121	-	124	125	128	-	130	131	134	-	135	136	139	-	140	141	144	-	146	147	150	-	146	147	150	-	146	147	150	-																
	MBh	39.4	40.0	41.2	43.0	39.1	39.6	40.8	42.6	38.1	38.6	39.8	41.6	36.3	36.8	38.0	39.8	34.1	34.7	35.9	37.7	32.1	32.7	33.9	35.7	32.1	32.7	33.9	35.7																				
	S/T	0.71	0.63	0.50	0.36	0.71	0.64	0.51	0.37	0.74	0.66	0.53	0.39	0.76	0.68	0.55	0.41	1.00	0.71	0.57	0.43	1.00	0.76	0.62	0.48	1.00	0.76	0.62	0.48																				
	ΔT	24	23	19	16	24	23	19	15	25	23	19	16	24	23	19	15	24	22	19	15	25	23	20	16	25	23	20	16																				
	kW	2.80	2.79	2.79	2.82	3.18	3.18	3.17	3.20	3.61	3.61	3.60	3.63	4.08	4.07	4.07	4.10	4.60	4.59	4.59	4.62	5.20	5.20	5.19	5.22	5.20	5.20	5.19	5.22																				
1160	Amps	10.7	10.7	10.7	10.8	12.4	12.4	12.4	12.5	14.3	14.2	14.2	14.3	16.3	16.3	16.2	16.4	18.5	18.5	18.5	18.6	21.2	21.2	21.1	21.3	21.2	21.2	21.1	21.3																				
	Hi PR	289	291	293	298	335	336	338	343	383	384	386	391	435	436	438	443	490	491	493	498	549	551	553	558	549	551	553	558																				
	Lo PR	113	114	117	122	119	121	124	128	125	127	130	135	131	132	135	140	136	137	140	145	142	143	146	151	142	143	146	151																				
	MBh	40.0	40.6	41.8	43.6	39.7	40.2	41.4	43.2	38.7	39.2	40.4	42.2	36.9	37.4	38.6	40.4	34.7	35.3	36.5	38.3	32.7	33.3	34.5	36.3	32.7	33.3	34.5	36.3																				
	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	0.83	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.83	0.69	0.55	1.00	0.83	0.69	0.55																				
	ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15	24	22	19	15																				
	kW	2.82	2.82	2.81	2.84	3.21	3.20	3.20	3.23	3.64	3.63	3.63	3.66	4.10	4.10	4.09	4.12	4.62	4.62	4.61	4.64	5.23	5.23	5.22	5.25	5.23	5.23	5.22	5.25																				
75 1360	Amps	10.8	10.8	10.8	10.9	12.5	12.5	12.5	12.6	14.4	14.4	14.3	14.5	16.4	16.4	16.3	16.5	18.6	18.6	18.6	18.7	21.3	21.3	21.2	21.4	21.3	21.3	21.2	21.4																				
	Hi PR	292	294	296	301	338	339	341	346	386	387	389	394	437	439	441	446	493	494	496	501	552	554	556	561	552	554	556	561																				
	Lo PR	114	116	119	124	121	123	126	130	127	129	132	136	132	134	137	142	137	139	142	147	144	145	148	153	144	145	148	153																				
	MBh	40.8	41.3	42.5	44.3	40.4	41.0	42.2	44.0	39.4	40.0	41.2	42.9	37.6	38.2	39.4	41.2	35.5	36.0	37.2	39.0	33.5	34.0	35.2	37.0	33.5	34.0	35.2	37.0																				
	S/T	0.82	0.74	0.61	0.47	0.82	0.75	0.62	0.48	0.85	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	0.86	0.73	0.59	1.00	0.86	0.73	0.59																				
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	18	14	23	21	18	14																				
	kW	2.84	2.84	2.83	2.86	3.23	3.22	3.22	3.25	3.65	3.65	3.65	3.67	4.12	4.12	4.11	4.14	4.64	4.64	4.63	4.66	5.25	5.24	5.24	5.27	5.25	5.24	5.24	5.27																				
1560	Amps	10.9	10.9	10.9	11.0	12.6	12.6	12.5	12.7	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.7	18.7	18.7	18.8	21.4	21.4	21.3	21.5	21.4	21.4	21.3	21.5																				
	Hi PR	295	296	298	303	341	342	344	349	389	390	392	397	440	442	444	449	496	497	499	504	555	556	558	564	555	556	558	564																				
	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	147	150	155	146	147	150	155																				

kW = Total system power
Amps = outdoor unit amps (comp.-fan)

Shaded area is ACCA (TVA) conditions

IDB = Entering indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

IDB	OUTDOOR AMBIENT TEMPERATURE																									
	65°F				75°F				85°F				95°F				105°F				115°F					
	ENTERING INDOOR WET BULB TEMPERATURE																									
AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
1160	MBh	39.6	40.2	41.4	43.2	39.3	39.9	41.0	42.8	38.3	38.8	40.0	41.8	36.5	37.0	38.2	40.0	34.3	34.9	36.1	37.9	32.3	32.9	34.1	35.9	
	S/T	0.83	0.76	0.62	0.48	0.84	0.76	0.63	0.49	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.00	0.88	0.75	0.61	
	ΔT	29	27	23	20	29	27	23	20	29	27	23	20	28	27	23	20	28	26	23	19	29	28	24	20	
	kW	2.80	2.80	2.79	2.82	3.18	3.18	3.17	3.20	3.20	3.61	3.61	3.60	3.63	4.08	4.08	4.07	4.10	4.60	4.59	4.59	4.62	5.21	5.20	5.20	5.23
	Amps	10.7	10.7	10.7	10.8	12.4	12.4	12.4	12.5	12.5	14.3	14.3	14.2	14.4	16.3	16.3	16.2	16.4	18.5	18.5	18.5	18.6	21.2	21.2	21.2	21.3
	Hi/PR	290	291	293	298	336	337	339	344	384	385	387	392	435	436	438	443	491	492	494	499	550	551	553	558	
Lo/PR	113	114	117	122	120	121	124	129	126	127	130	135	131	132	135	140	136	137	140	145	142	144	147	151		
80 1360	MBh	40.2	40.8	42.0	43.8	39.9	40.5	41.6	43.4	38.9	39.4	40.6	42.4	37.1	37.6	38.8	40.6	34.9	35.5	36.7	38.5	32.9	33.5	34.7	36.5	
	S/T	0.90	0.83	0.70	0.56	0.91	0.84	0.70	0.56	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	1.00	0.82	0.68	
	ΔT	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	22	18	28	26	23	19	
	kW	2.82	2.82	2.81	2.84	3.21	3.20	3.20	3.23	3.23	3.64	3.63	3.63	3.66	4.10	4.10	4.09	4.12	4.62	4.62	4.61	4.64	5.23	5.23	5.22	5.25
	Amps	10.8	10.8	10.8	10.9	12.5	12.5	12.5	12.6	12.6	14.4	14.4	14.3	14.5	16.4	16.4	16.4	16.5	18.7	18.6	18.6	18.7	21.3	21.3	21.3	21.4
	Hi/PR	293	294	296	301	339	340	342	347	386	388	390	395	438	439	441	446	494	495	497	502	553	554	556	561	
Lo/PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	138	139	142	147	144	146	148	153		
1560	MBh	41.0	41.6	42.7	44.5	40.6	41.2	42.4	44.2	39.6	40.2	41.3	43.1	37.8	38.4	39.6	41.4	35.7	36.2	37.4	39.2	33.7	34.2	35.4	37.2	
	S/T	0.94	0.87	0.73	0.59	1.00	0.87	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.92	0.78	0.64	1.00	0.94	0.80	0.66	1.00	1.00	0.85	0.71	
	ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	22	18	
	kW	2.84	2.84	2.83	2.86	3.23	3.22	3.22	3.25	3.25	3.66	3.65	3.65	3.68	4.12	4.12	4.11	4.14	4.64	4.64	4.63	4.66	5.25	5.25	5.24	5.27
	Amps	10.9	10.9	10.9	11.0	12.6	12.6	12.5	12.7	12.7	14.5	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.7	18.7	18.7	18.8	21.4	21.4	21.4	21.5
	Hi/PR	296	297	299	304	341	343	345	350	389	391	393	398	441	442	444	449	496	498	500	505	556	557	559	564	
Lo/PR	117	119	121	126	124	125	128	133	130	131	134	139	135	137	139	144	140	142	144	149	146	148	151	155		
1160	MBh	40.3	40.9	42.0	43.9	40.0	40.5	41.7	43.5	38.9	39.5	40.7	42.5	37.2	37.7	38.9	40.7	35.0	35.5	36.7	38.5	33.0	33.6	34.7	36.5	
	S/T	1.00	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	0.79	0.65	1.00	1.00	0.85	0.70	
	ΔT	32	30	27	23	32	30	27	23	32	31	27	23	32	30	27	23	32	30	27	23	33	31	28	24	
	kW	2.81	2.80	2.80	2.83	3.19	3.19	3.18	3.21	3.21	3.62	3.62	3.61	3.64	4.09	4.08	4.08	4.11	4.60	4.60	4.59	4.62	5.21	5.21	5.20	5.23
	Amps	10.8	10.7	10.7	10.8	12.4	12.4	12.4	12.5	12.5	14.3	14.3	14.4	14.4	16.3	16.3	16.3	16.4	18.6	18.6	18.5	18.7	21.2	21.2	21.2	21.3
	Hi/PR	291	293	295	300	337	338	340	345	385	386	388	393	436	438	440	445	492	493	495	500	551	553	555	560	
Lo/PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	138	139	142	147	144	145	148	153		
85 1360	MBh	40.9	41.5	42.7	44.5	40.6	41.1	42.3	44.1	39.5	40.1	41.3	43.1	37.8	38.3	39.5	41.3	35.6	36.1	37.3	39.1	33.6	34.2	35.3	37.1	
	S/T	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.66	1.00	0.96	0.83	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.92	0.78	
	ΔT	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	31	29	25	22	32	30	26	23	
	kW	2.83	2.83	2.82	2.85	3.22	3.21	3.21	3.24	3.24	3.64	3.64	3.64	3.66	4.11	4.11	4.10	4.13	4.63	4.63	4.62	4.65	5.24	5.23	5.23	5.26
	Amps	10.9	10.9	10.8	11.0	12.5	12.5	12.5	12.6	12.6	14.4	14.4	14.5	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.6	18.8	21.3	21.3	21.3	21.4
	Hi/PR	294	295	298	303	340	341	343	348	388	389	391	396	439	441	443	448	495	496	498	503	554	556	558	563	
Lo/PR	117	118	121	126	124	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	147	150	155		
1560	MBh	41.7	42.2	43.4	45.2	41.3	41.9	43.0	44.8	40.3	40.8	42.0	43.8	38.5	39.1	40.2	42.0	36.3	36.9	38.1	39.9	34.4	34.9	36.1	37.9	
	S/T	1.00	0.97	0.83	0.69	1.00	0.97	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	0.95	0.81	
	ΔT	30	28	24	21	30	28	24	21	30	28	25	21	30	28	24	21	29	28	24	21	31	29	25	22	
	kW	2.85	2.85	2.84	2.87	3.23	3.23	3.23	3.25	3.25	3.66	3.66	3.68	3.68	4.13	4.13	4.12	4.15	4.65	4.64	4.64	4.67	5.26	5.25	5.28	5.28
	Amps	11.0	10.9	10.9	11.0	12.6	12.6	12.6	12.7	12.7	14.5	14.5	14.6	14.6	16.5	16.5	16.5	16.6	18.8	18.8	18.7	18.9	21.4	21.4	21.4	21.5
	Hi/PR	297	298	300	305	343	344	346	351	391	392	394	399	442	443	445	451	498	499	501	506	557	558	560	565	
Lo/PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	142	143	146	151	148	149	152	157		

IDB = Entering indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.

Shaded area is AHR1 (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,336	13,883	4,453	1,092
80°	18,109	13,948	4,161	1,164
85°	17,881	14,013	3,868	1,235
90°	17,491	13,883	3,608	1,312
95°	17,100	13,753	3,347	1,390
100°	16,622	13,558	3,064	1,476
105°	16,145	13,363	2,782	1,562
110°	15,709	13,418	2,291	1,663
115°	15,273	13,473	1,799	1,765
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,490	13,440	3,050	1,391

DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	18,100	13,394	4,706	780
80°	17,900	13,450	4,450	830
85°	17,600	13,376	4,224	880
90°	17,300	13,400	3,900	940
95°	12,295	10,155	2,139	874
100°	16,400	13,020	3,380	1,060
105°	15,900	12,879	3,021	1,120
110°	15,400	12,800	2,600	1,190
115°	15,100	12,986	2,114	1,270
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,300	12,877	3,423	1,000

DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	24,448	18,395	6,053	1,583
80°	24,145	18,481	5,663	1,688
85°	23,842	18,568	5,274	1,792
90°	23,321	18,396	4,925	1,905
95°	22,800	18,223	4,576	2,018
100°	22,163	17,965	4,198	2,144
105°	21,526	17,706	3,820	2,270
110°	20,945	17,779	3,166	2,418
115°	20,364	17,853	2,511	2,566
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	21,987	17,809	4,178	2,020

DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	17,578	13,583	3,995	996
80°	17,360	13,647	3,713	1,062
85°	17,142	13,711	3,432	1,127
90°	16,768	13,584	3,184	1,198
95°	16,393	13,456	2,937	1,269
100°	15,935	13,265	2,670	1,349
105°	15,477	13,074	2,403	1,428
110°	15,059	13,129	1,931	1,521
115°	14,641	13,183	1,459	1,614
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	15,808	13,150	2,658	1,271

DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	30,452	23,200	7,253	2,105
80°	30,075	23,309	6,766	2,237
85°	29,698	23,418	6,280	2,369
90°	29,049	23,201	5,848	2,512
95°	28,400	22,983	5,416	2,654
100°	27,607	22,657	4,949	2,814
105°	26,813	22,331	4,482	2,973
110°	26,089	22,423	3,666	3,160
115°	25,365	22,516	2,849	3,347
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	27,387	22,460	4,927	2,657

DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	21,895	17,131	4,764	1,324
80°	21,624	17,212	4,412	1,407
85°	21,353	17,292	4,061	1,490
90°	20,886	17,132	3,754	1,580
95°	20,419	16,971	3,448	1,670
100°	19,849	16,730	3,119	1,770
105°	19,279	16,490	2,789	1,870
110°	18,758	16,558	2,200	1,988
115°	18,238	16,626	1,612	2,106
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	19,691	16,585	3,106	1,671

DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	36,672	28,180	8,492	2,889
80°	36,217	28,312	7,905	3,078
85°	35,763	28,445	7,318	3,267
90°	34,981	28,181	6,801	3,472
95°	34,200	27,917	6,283	3,677
100°	33,245	27,521	5,724	3,905
105°	32,289	27,124	5,165	4,134
110°	29,172	26,384	2,788	4,094
115°	26,055	25,643	411	4,054
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,980	27,281	5,699	3,681

DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	26,367	20,808	5,559	1,817
80°	26,040	20,906	5,134	1,936
85°	25,714	21,004	4,710	2,055
90°	25,152	20,809	4,343	2,184
95°	24,590	20,614	3,976	2,313
100°	23,903	20,322	3,581	2,456
105°	23,216	20,029	3,187	2,600
110°	22,589	20,112	2,477	2,769
115°	21,962	20,195	1,768	2,937
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	23,713	20,145	3,568	2,315

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	42,891	30,656	12,234	3,497
80°	42,359	30,800	11,559	3,724
85°	41,828	30,945	10,883	3,952
90°	40,914	30,657	10,256	4,198
95°	40,000	30,370	9,629	4,444
100°	38,883	29,939	8,943	4,719
105°	37,765	29,508	8,257	4,994
110°	33,954	29,826	4,128	4,922
115°	30,143	30,143	0	4,851
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	38,573	29,679	8,894	4,449

DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	40,000	29,100	10,900	2,300
80°	39,300	28,800	10,500	2,400
85°	38,500	28,400	10,100	2,600
90°	37,600	28,000	9,500	2,700
95°	28,760	22,426	6,334	2,795
100°	35,400	27,100	8,400	3,000
105°	34,300	26,500	7,700	3,100
110°	33,100	26,200	7,000	3,300
115°	30,700	25,788	4,912	3,320
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	27,734	21,916	5,819	2,798

DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	48,788	33,355	15,433	4,291
80°	48,184	33,512	14,672	4,577
85°	47,579	33,669	13,910	4,863
90°	46,540	33,357	13,183	5,173
95°	45,500	33,044	12,456	5,482
100°	43,483	32,572	10,910	5,732
105°	41,465	32,101	9,365	5,982
110°	35,890	31,207	4,682	5,678
115°	30,314	30,314	0	5,374
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,877	32,292	11,585	5,488

DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	35,079	24,630	10,449	2,699
80°	34,644	24,746	9,898	2,879
85°	34,210	24,862	9,348	3,059
90°	33,462	24,631	8,831	3,254
95°	32,714	24,400	8,314	3,448
100°	31,801	24,054	7,747	3,666
105°	30,887	23,708	7,179	3,883
110°	30,053	23,806	6,247	4,139
115°	29,219	23,904	5,315	4,394
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	31,548	23,845	7,703	3,452

DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - 100 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	57,902	39,587	18,316	5,085
80°	57,185	39,773	17,412	5,426
85°	56,468	39,959	16,509	5,767
90°	55,234	39,588	15,646	6,137
95°	54,000	39,217	14,782	6,506
100°	51,540	38,733	12,807	6,796
105°	49,080	38,248	10,832	7,085
110°	43,097	37,681	5,416	6,820
115°	37,113	37,113	0	6,555
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	52,074	38,325	13,749	6,513

DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - 70 % DEMAND				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	41,632	29,231	12,401	3,198
80°	41,116	29,369	11,747	3,413
85°	40,600	29,506	11,094	3,628
90°	39,713	29,232	10,481	3,860
95°	38,826	28,959	9,867	4,092
100°	37,741	28,548	9,194	4,352
105°	36,657	28,137	8,520	4,612
110°	35,667	28,253	7,414	4,916
115°	34,677	28,369	6,308	5,221
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	37,441	28,300	9,141	4,097

DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	19,301	14,158	5,143	1,140
80°	19,062	14,225	4,837	1,215
85°	18,823	14,291	4,531	1,290
90°	18,411	14,159	4,252	1,372
95°	18,000	14,026	3,974	1,453
100°	17,497	13,827	3,670	1,544
105°	16,994	13,628	3,366	1,635
110°	16,535	13,684	2,851	1,742
115°	16,076	13,741	2,336	1,848
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	17,358	13,707	3,651	1,455

DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 11-13 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	25,734	18,854	6,880	1,653
80°	25,416	18,943	6,473	1,763
85°	25,097	19,031	6,065	1,873
90°	24,548	18,855	5,694	1,992
95°	24,000	18,678	5,322	2,111
100°	23,330	18,413	4,916	2,244
105°	22,659	18,148	4,511	2,376
110°	22,047	18,223	3,824	2,532
115°	21,435	18,298	3,137	2,688
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	23,144	18,253	4,891	2,113

PERFORMANCE DATA FOR FIELD-SELECTABLE BOOST MODE (CONT.)

DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	32,168	23,863	8,306	2,200
80°	31,770	23,975	7,795	2,339
85°	31,371	24,087	7,284	2,479
90°	30,685	23,863	6,822	2,629
95°	30,000	23,640	6,360	2,780
100°	29,162	23,304	5,857	2,949
105°	28,324	22,969	5,355	3,117
110°	27,559	23,064	4,495	3,315
115°	26,794	23,159	3,635	3,512
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	28,930	23,102	5,828	2,783

DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 9-11 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	38,602	28,883	9,719	3,016
80°	38,123	29,019	9,105	3,215
85°	37,645	29,154	8,491	3,414
90°	36,823	28,884	7,939	3,630
95°	36,000	28,613	7,386	3,845
100°	34,994	28,207	6,787	4,086
105°	33,989	27,801	6,187	4,326
110°	30,022	26,722	3,299	4,190
115°	26,055	25,643	411	4,054
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,716	27,962	6,754	3,849

DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	45,035	31,343	13,692	3,642
80°	44,477	31,490	12,987	3,881
85°	43,919	31,638	12,282	4,119
90°	42,960	31,344	11,616	4,378
95°	42,000	31,050	10,949	4,636
100°	40,827	30,610	10,217	4,925
105°	39,654	30,169	9,484	5,214
110°	34,899	30,156	4,742	5,032
115°	30,143	30,143	0	4,851
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	40,502	30,344	10,158	4,641

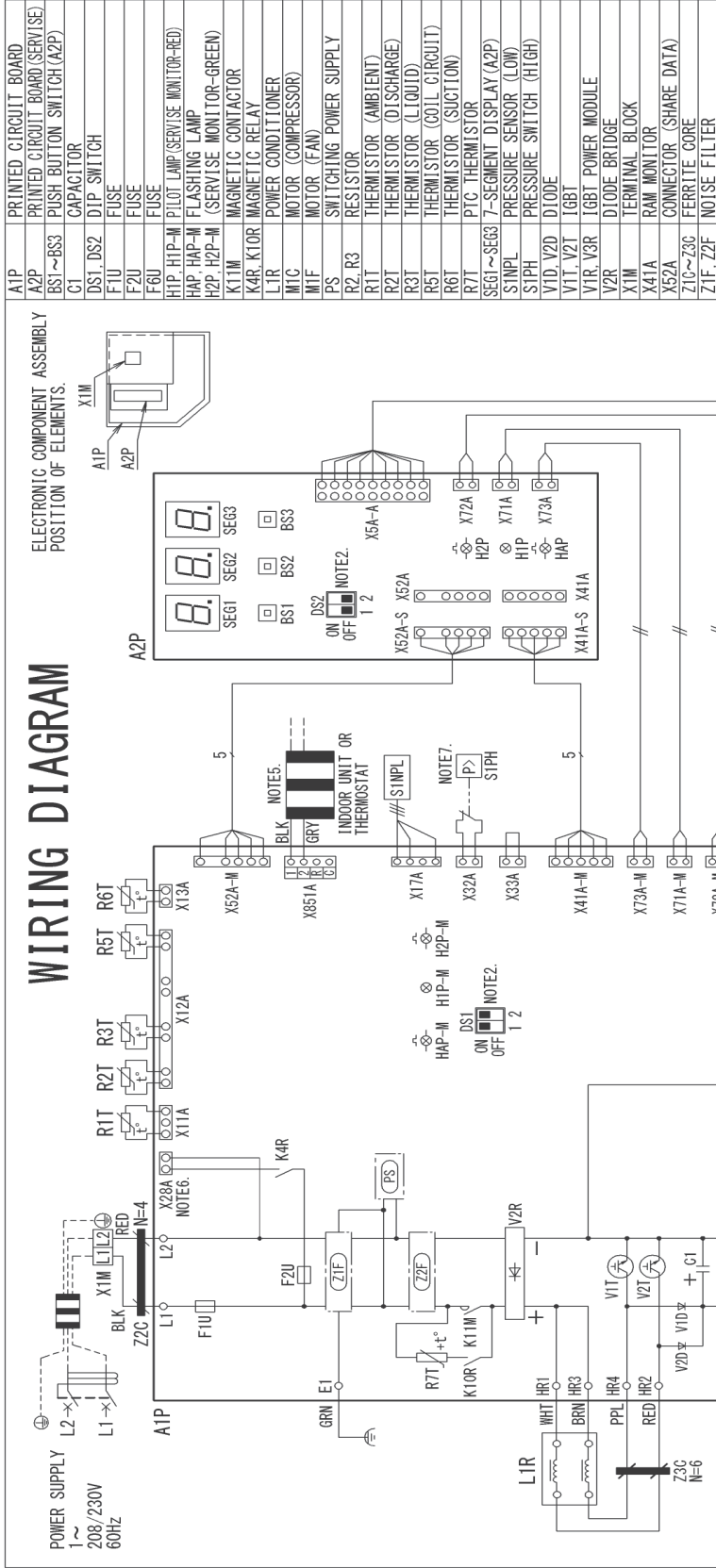
DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 8-10 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	51,469	34,263	17,206	4,492
80°	50,831	34,424	16,407	4,793
85°	50,194	34,585	15,608	5,095
90°	49,097	34,264	14,832	5,422
95°	48,000	33,943	14,056	5,748
100°	44,733	33,022	11,711	5,865
105°	41,465	32,101	9,365	5,982
110°	35,890	31,207	4,682	5,678
115°	30,314	30,314	0	5,374
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	46,288	33,171	13,117	5,755

DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* DESIGN SUBCOOLING @ AHRI 95 °F CONDITIONS, 7-9 °F - BOOST MODE				
OUTDOOR TEMP. °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	61,119	40,687	20,432	5,327
80°	60,362	40,879	19,484	5,687
85°	59,605	41,070	18,535	6,047
90°	58,302	40,689	17,614	6,437
95°	57,000	40,308	16,692	6,827
100°	53,040	39,278	13,762	6,956
105°	49,080	38,248	10,832	7,085
110°	43,097	37,681	5,416	6,820
115°	37,113	37,113	0	6,555
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	54,967	39,391	15,576	6,835

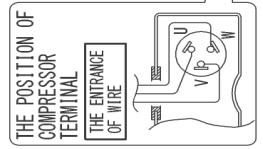
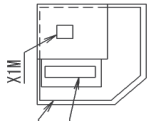
TONNAGE	SPEED	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
			125	250	500	1000	2000	4000	8000
1.5-ton	Minimum	55	41.9	46.4	50.3	49.9	41.0	37.3	45.4
	Intermediate	58	44.1	46.4	50.7	55.6	42.8	39.5	47.1
	Maximum	66	51.6	60.5	61.2	59.4	55.1	48.2	50.8
2-ton	Minimum	55	41.9	46.4	50.3	49.9	41.0	37.3	45.4
	Intermediate	59	52.4	48.4	54.3	52.5	46.0	41.6	46.5
	Maximum	67	57.1	60.2	62.3	60.7	55.9	50.5	47.2
2.5-ton	Minimum	57	46.4	48.8	53.3	50.9	45.8	37.3	26.4
	Intermediate	60	54.7	52.3	55.1	51.3	47.1	43.9	33.4
	Maximum	68	56.4	60.0	62.9	63.1	58.2	53.3	44.7
3-ton	Minimum	57	46.4	48.8	53.3	50.9	45.8	37.3	26.4
	Intermediate	60	54.7	52.9	54.6	51.3	48.0	43.6	33.9
	Maximum	68	55.8	60.7	62.8	62.6	58.6	53.8	44.4
3.5-ton	Minimum	61	49.2	52.7	54.3	54.4	55.5	49.3	38.4
	Intermediate	65	51.0	56.1	59.6	60.1	56.6	53.7	42.0
	Maximum	72	58.1	64.4	65.0	67.8	63.4	60.5	47.9
4-ton	Minimum	61	49.2	52.7	54.3	54.4	55.5	49.3	38.4
	Intermediate	65	51.8	55.3	59.4	60.2	56.7	54.4	41.8
	Maximum	72	57.3	62.8	65.1	68.0	64.5	60.0	48.6
5-ton	Minimum	61	50.7	55.7	54.7	55.4	49.5	44.2	39.4
	Intermediate	66	53.6	61.6	59.4	59.8	55.4	49.7	44.4
	Maximum	74	61.7	66.1	66.9	69.7	66.0	60.0	53.4

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

WIRING DIAGRAM



ELECTRONIC COMPONENT ASSEMBLY POSITION OF ELEMENTS.



- NOTE 1.**
- : TERMINAL
 - : TERMINAL BLOCK
 - ⊠ : CONNECTOR
 - ⊞ : FIELD WIRING
 - ⊞⊞⊞ : NOT-LESS GROUND
 - ⊞⊞⊞⊞ : PROTECTIVE GROUND
- NOTE 2.**
1. THE POSITIONS OF THE SELECTOR SWITCHES (DS1, DS2) INDICATE FACTORY SETTING. REFER TO THE SERVICE MANUAL IN DETAIL.
 2. SYMBOLS SHOWS AS FOLLOWS BLK:BLACK RED: RED WHT: WHITE YLW: YELLOW GRN: GREEN BRN: BROWN PPL: PURPLE
 3. USE COPPER CONDUCTORS ONLY.
 4. CLASS 2 WIRE.
 5. THIS CONNECTOR IS FOR CONNECTING THE COMPRESSOR CRANKCASE HEATER (OPTIONAL ACCESSORIES)
 6. WHEN OPERATING, DO NOT SHORT CIRCUIT FOR PROTECTION DEVICE (S1PH).

A1P	PRINTED CIRCUIT BOARD
A2P	PRINTED CIRCUIT BOARD (SERVICE)
BS1~BS3	PUSH BUTTON SWITCH (A2P)
C1	CAPACITOR
DS1, DS2	DIP SWITCH
F10	FUSE
F20	FUSE
F60	FUSE
H1P, H1P-M	PILOT LAMP (SERVICE MONITOR-RED)
H2P, H2P-M	FLASHING LAMP (SERVICE MONITOR-GREEN)
K11M	MAGNETIC CONTACTOR
K4R, K10R	MAGNETIC RELAY
L1R	POWER CONDITIONER
M1C	MOTOR (COMPRESSOR)
M1F	MOTOR (FAN)
PS	SWITCHING POWER SUPPLY
R2, R3	RESISTOR
R11	THERMISTOR (AMBIENT)
R21	THERMISTOR (DISCHARGE)
R31	THERMISTOR (LIQUID)
R5T	THERMISTOR (COIL CIRCUIT)
R6T	THERMISTOR (SUCTION)
R7T	PTC THERMISTOR
SEG1~SEG3	7-SEGMENT DISPLAY (A2P)
S1NPL	PRESSURE SENSOR (LOW)
S1PH	PRESSURE SWITCH (HIGH)
V1D, V2D	DIODE
V1T, V2T	IGBT
V1R, V3R	IGBT POWER MODULE
V2R	DIODE BRIDGE
X1M	TERMINAL BLOCK
X41A	RAM MONITOR
X52A	CONNECTOR (SHARE DATA)
Z1C~Z3C	FERRITE CORE
Z1F, Z2F	NOISE FILTER

DX17VSS181 • 241 • 301 • 361AA

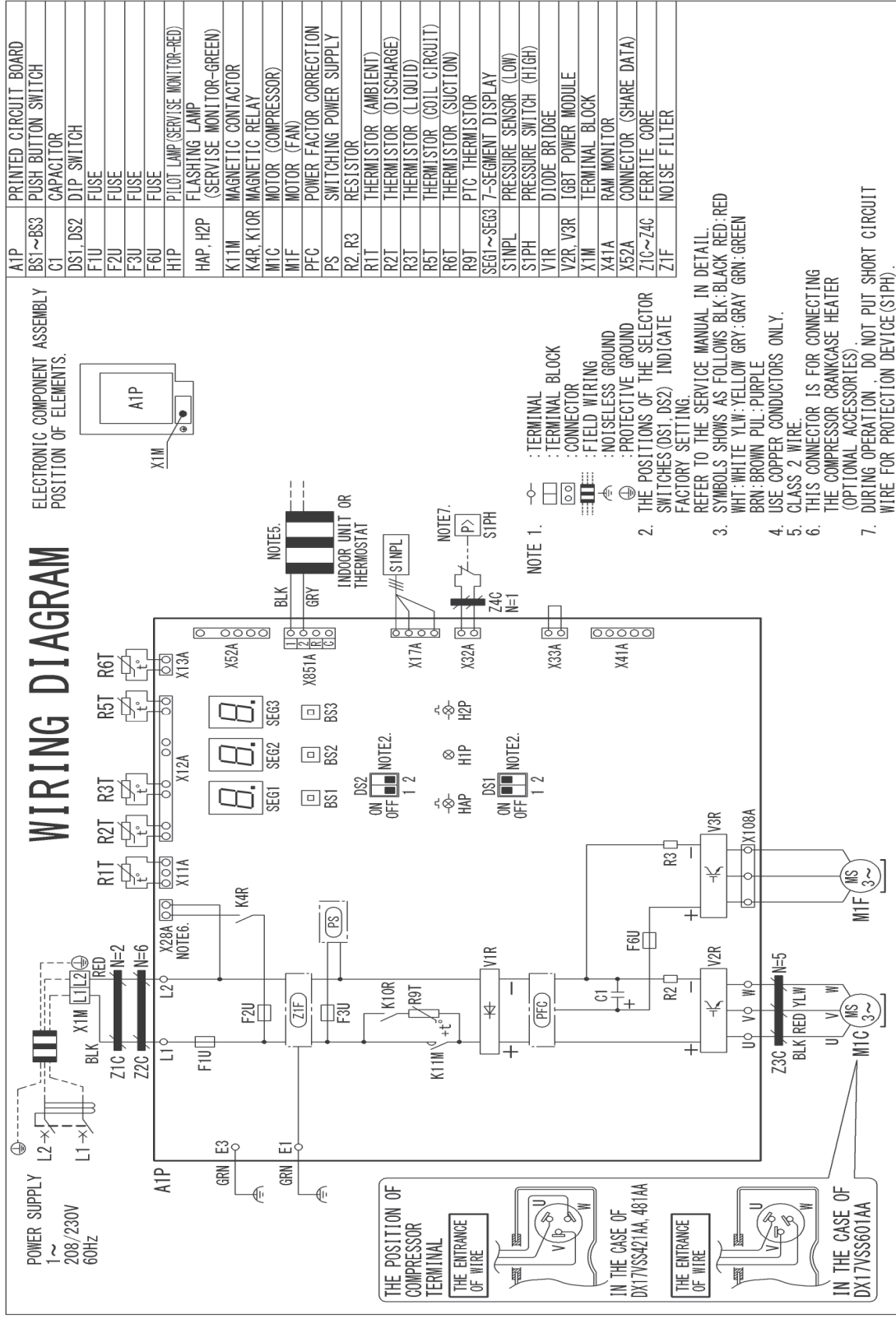
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Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

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.

WIRING DIAGRAM



DX17VSS421 • 481 • 601AA

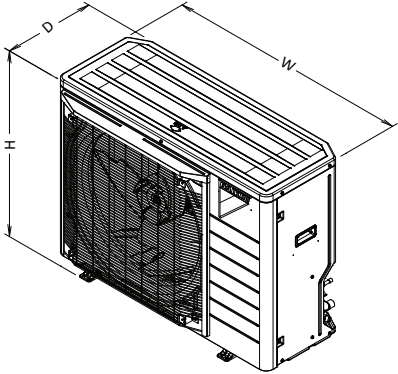
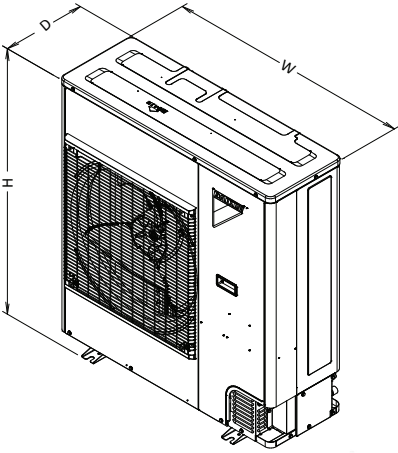
WARNING

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

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

8	7	6	5	4	3	2	1					
						ECON	REV	ZONE	DESCRIPTION	CHK	DR	DATE
						100000X	A	XXXXX	INITIAL RELEASE	-		

MODEL	DIMENSIONS		
	W"	D"	H"
DX17VSS181AA	36%	13%	27%
DX17VSS241AA	36%	13%	27%
DX17VSS301AA	36%	13%	27%
DX17VSS361AA	36%	13%	27%
DX17VSS421AA	37	12%	39
DX17VSS481AA	37	12%	39
DX17VSS601AA	37	12%	39

Daikin Manufacturing Company LLC	
DRAWING TO BE INTERPRETED BY ACCORDANCE WITH THE IEC 60335-1 DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED	DX17VSS
SPECIAL CHARACTERISTICS: Ⓢ = 6SIQMA Ⓢ = CRITICAL CHARACTERISTIC Ⓢ = SIGNIFICANT CHARACTERISTIC	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 LP. 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.
TOLERANCES: MILLIS + 0.15 J = ± 1 K = ± 0.5 M = ± 0.15 UNLESS OTHERWISE NOTED	DRN BY: CL ENG: DO NOT SCALE DRAWING CHK BY: DATE: SHT 1 OF 1 REVISION: REV: A

ACCESSORIES

MODEL	DESCRIPTION	DX17VSS 0181AA	DX17VSS 0241AA	DX17VSS 0301AA	DX17VSS 0361AA	DX17VSS 0421AA	DX17VSS 0481AA	DX17VSS 0601AA
KPW5E112	Air direction adjustment grille	X	X	X	X	X	X	X
130-DK-006	Hail Guard	X	X	X	X			
130-DK-008	Hail Guard					X	X	X

