

COOLING CAPACITY: 17,800 - 56,500 BTU/H

**ENERGY-EFFICIENT  
 SPLIT SYSTEM AIR CONDITIONER  
 UP TO 14 SEER / 12 EER**



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**Standard Features**

- Energy-efficient compressor
- Single-speed ECM condenser fan motor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

**Cabinet Features**

- Heavy-gauge galvanized-steel cabinet with louvered sound control top
- Steel louver coil guard
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories



COMPANY WITH  
 QUALITY SYSTEM  
 CERTIFIED BY DNV GL  
 = ISO 9001 =

COMPANY WITH  
 ENVIRONMENTAL SYSTEM  
 CERTIFIED BY DNV GL  
 = ISO 14001 =

\* Complete warranty details available from your local dealer or at [www.amana-hac.com](http://www.amana-hac.com). To receive the 2-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	A	N	X	13	036	1	AA		
	1	2	3	4,5	6,7,8	9	10,11		
<b>Brand</b>	A Amana® Brand						<b>Engineering *</b>		Major/ Minor Revisions
									* Not used for order or inventory control.
<b>Product Category</b>	S Split System						<b>Electrical</b>		1- 208/230 V, 1 Phase, 60 Hz
	N Nominal Split System								
<b>Unit Type</b>	X Condenser R-410A						<b>Nominal Capacity</b>		
	Z Heat Pump R-410A								
<b>Efficiency</b>	13 13 SEER      16 16 SEER								018    1½ Tons      042    3½ Tons
	14 14 SEER      18 18 SEER								024    2 Tons          048    4 Tons
									030    2½ Tons        060    5 Tons
									036    3 Tons          061    5 Tons (high capacity)

	ANX13 0181A*	ANX13 0181B*	ANX13 0241A*	ANX13 0241B*	ANX13 0301A*	ANX13 0301B*	ANX13 0361A*	ANX13 0421A*	ANX13 0481A*	ANX13 0601A*	ANX13 0611A*
<b>CAPACITIES</b>											
Nominal Cooling (BTU/h)	17,800	17,800	23,000	23,000	28,400	28,400	33,600	40,000	46,000	57,000	56,500
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	75	72	71	75	73	74	74	75	76	77	77
<b>COMPRESSOR</b>											
RLA	9.0	6.0	13.5	7.7	12.8	10.5	14.1	17.9	19.9	25	26.4
LRA	48	37.5	58.3	37	64	47	77	112	109	134	134
<b>CONDENSER FAN MOTOR</b>											
Horsepower	1/8	1/8	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
FLA	0.7	0.7	0.7	0.65	0.65	0.7	1.2	1.2	1.2	1.2	1.3
<b>REFRIGERATION SYSTEM</b>											
Refrigerant Line Size <sup>1</sup>											
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size											
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) <sup>4 5</sup>	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4" <sup>3</sup>	7/8" <sup>4</sup>	7/8" <sup>4</sup>	7/8" <sup>4</sup>	7/8" <sup>4</sup>
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	69	63	63	60	60	68	62	80	91	94	111
Shipped with Orifice Size	0.051	0.052	0.057	0.055	0.065	0.067	0.071	0.074	0.078	0.088	0.086
<b>ELECTRICAL DATA</b>											
Voltage/ Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208/230-60	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Minimum Circuit Ampacity <sup>2</sup>	12	8.2	17.8	10.3	16.7	13.8	18.8	23.6	26.1	32.5	34.3
Max. Overcurrent Protection <sup>3</sup>	20 amps	15 amps	30 amps	15 amps	25 amps	20	30 amps	40 amps	45 amps	50 amps	60 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>SHIP WEIGHT (LBS)</b>	145	141	145	120	134	153	157	206	225	209	231

<sup>1</sup> Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation and Operating instructions and/or the long line-set guidelines.

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

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

<sup>4</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>5</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- This product may not be installed in the Southeast (including Hawaii) or Southwest Regions as of Jan. 1, 2015.

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	
70	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-	
	KW	1.26	1.29	1.33	-	1.35	1.38	1.42	-	1.43	1.46	1.50	-	1.50	1.53	1.57	-	1.55	1.59	1.64	-	1.60	1.64	1.69	-	
	Amps	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.5	5.6	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-	6.6	6.7	7.0	-	
	HI PR	214	230	243	-	240	258	272	-	272	293	310	-	310	334	353	-	349	376	397	-	386	415	438	-	
	LO PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-	
	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
KW	1.29	1.32	1.35	-	1.38	1.41	1.45	-	1.46	1.49	1.54	-	1.53	1.56	1.61	-	1.59	1.62	1.67	-	1.64	1.68	1.73	-		
Amps	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.6	5.8	6.0	-	6.0	6.2	6.4	-	6.4	6.6	6.8	-	6.8	6.9	7.2	-		
HI PR	220	237	250	-	247	266	281	-	281	302	319	-	320	344	364	-	360	387	409	-	398	428	452	-		
LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-		
675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-	
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	
ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-		
KW	1.30	1.33	1.36	-	1.39	1.42	1.46	-	1.47	1.50	1.55	-	1.54	1.58	1.62	-	1.60	1.64	1.69	-	1.66	1.69	1.74	-		
Amps	4.9	5.0	5.1	-	5.3	5.4	5.5	-	5.7	5.8	6.0	-	6.1	6.2	6.4	-	6.5	6.6	6.8	-	6.8	7.0	7.2	-		
HI PR	222	239	253	-	249	268	283	-	284	305	322	-	323	348	367	-	364	391	413	-	402	432	456	-		
LO PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-		

75	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T	0.77	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.59	0.38
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
	KW	1.27	1.30	1.33	1.37	1.36	1.39	1.43	1.47	1.44	1.47	1.51	1.56	1.51	1.54	1.59	1.63	1.57	1.60	1.65	1.70	1.62	1.65	1.70	1.76	
	Amps	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.7	5.9	6.1	5.9	6.1	6.2	6.5	6.3	6.4	6.6	6.9	6.6	6.8	7.0	7.3	
	HI PR	216	232	245	256	242	260	275	287	275	296	313	326	314	337	356	372	353	380	401	418	390	419	443	462	
	LO PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159	
	600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	
KW	1.30	1.33	1.36	1.41	1.39	1.42	1.46	1.51	1.47	1.50	1.55	1.60	1.54	1.58	1.62	1.67	1.60	1.64	1.69	1.74	1.66	1.69	1.74	1.80		
Amps	4.9	5.0	5.1	5.3	5.3	5.4	5.5	5.7	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.5	6.6	6.8	7.1	6.8	7.0	7.2	7.5		
HI PR	222	239	253	264	250	269	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	457	476		
LO PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163		
675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6	
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42	
ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10		
KW	1.31	1.34	1.38	1.42	1.40	1.43	1.47	1.52	1.48	1.51	1.56	1.61	1.56	1.59	1.64	1.69	1.62	1.65	1.70	1.75	1.67	1.70	1.76	1.81		
Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6		
HI PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	437	461	481		
LO PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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	
<b>80</b>	AIRFLOW	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
		S/T	0.84	0.79	0.64	0.5	0.87	0.82	0.66	0.50	0.89	0.84	0.68	0.5	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.5	0.96	0.90	0.74	0.55
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15
	525	KW	1.28	1.31	1.34	1.4	1.37	1.40	1.44	1.48	1.45	1.48	1.52	1.6	1.52	1.55	1.60	1.65	1.58	1.61	1.66	1.7	1.63	1.66	1.72	1.77
		Amps	4.8	4.9	5.0	5.2	5.2	5.3	5.4	5.6	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.5	6.3	6.5	6.7	7.0	6.7	6.9	7.1	7.4
		HI/PR	218	234	248	258.2	244	263	278	290	278	299	316	329.6	317	341	360	375	356	383	405	422.3	394	424	447	467
	600	LO/PR	104	110	120	128.1	109	116	127	135	114	121	132	140.6	119	127	139	148	125	133	145	154.8	129	138	150	160
		MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
		S/T	0.87	0.82	0.66	0.5	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.54	0.99	0.93	0.76	0.6	1.00	0.94	0.76	0.57
	675	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		KW	1.31	1.34	1.38	1.4	1.40	1.43	1.47	1.52	1.48	1.51	1.56	1.6	1.56	1.59	1.64	1.69	1.62	1.65	1.70	1.8	1.67	1.70	1.76	1.81
		Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6
85	HI/PR	225	242	255	266.2	252	271	286	299	287	308	326	339.7	326	351	371	387	367	395	417	435.3	406	437	461	481	
	LO/PR	107	114	124	132.0	113	120	131	140	117	125	136	145.0	123	131	143	152	129	137	150	159.6	133	142	155	165	
	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4	
525	S/T	0.91	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.6	1.00	1.00	0.80	0.60	
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14	
	KW	1.32	1.35	1.39	1.4	1.41	1.44	1.48	1.53	1.50	1.53	1.57	1.6	1.57	1.60	1.65	1.70	1.63	1.66	1.71	1.8	1.68	1.72	1.77	1.83	
600	Amps	5.0	5.1	5.2	5.4	5.3	5.5	5.6	5.9	5.8	5.9	6.1	6.4	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.1	7.4	7.6	
	HI/PR	227	244	258	268.9	255	274	289	302	290	312	329	343.1	330	355	375	391	371	399	422	439.7	410	441	466	486	
	LO/PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	
675	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8	
	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	20	23	23	22	19	
85	KW	1.32	1.35	1.39	1.43	1.41	1.44	1.48	1.53	1.50	1.53	1.57	1.62	1.57	1.60	1.65	1.70	1.63	1.66	1.71	1.77	1.68	1.72	1.77	1.83	
	Amps	5.0	5.1	5.2	5.4	5.3	5.5	5.6	5.9	5.8	5.9	6.1	6.4	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.1	7.4	7.6	
	HI/PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486	
525	LO/PR	108	115	125	133.4	114	121	132	141	118	126	137	146.4	124	132	144	154	130	139	151	161.2	135	143	157	167	
	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5	
	S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.94	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71	
600	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	24	21	24	24	22	19	
	KW	1.29	1.32	1.35	1.39	1.38	1.41	1.45	1.49	1.46	1.49	1.54	1.58	1.53	1.56	1.61	1.66	1.59	1.62	1.67	1.73	1.64	1.68	1.73	1.78	
	Amps	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.6	6.8	7.0	6.8	6.9	7.2	7.4	
675	HI/PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	363	379	360	387	409	426	398	428	452	471	
	LO/PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8	
85	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	20	23	23	22	19	
	KW	1.32	1.35	1.39	1.43	1.41	1.44	1.48	1.53	1.50	1.53	1.57	1.62	1.57	1.60	1.65	1.70	1.63	1.66	1.71	1.77	1.68	1.72	1.77	1.83	
525	Amps	5.0	5.1	5.2	5.4	5.3	5.5	5.6	5.9	5.8	5.9	6.1	6.4	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.1	7.4	7.6	
	HI/PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486	
	LO/PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	
600	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3	
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	ΔT	24	24	23	19	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18	
675	KW	1.33	1.36	1.40	1.44	1.42	1.45	1.50	1.54	1.51	1.54	1.58	1.63	1.58	1.61	1.66	1.71	1.64	1.68	1.73	1.78	1.70	1.73	1.79	1.84	
	Amps	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7	
	HI/PR	229	247	260	272	257	277	292	305	292	315	332	347	333	358	378	395	375	403	426	444	414	445	470	491	
85	LO/PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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	
525		MBh	15.6	16.2	17.7	-	15.3	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.1	16.5	-	13.8	14.3	15.7	-	12.8	13.3	14.5	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	0.98	1.01	1.04	-	1.07	1.09	1.13	-	1.14	1.17	1.21	-	1.21	1.24	1.28	-	1.26	1.30	1.34	-	1.31	1.34	1.39	-
		Amps	3.9	4.0	4.2	-	4.3	4.4	4.5	-	4.7	4.8	5.0	-	5.0	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.1	-
		HI PR	208	224	236	-	233	251	265	-	265	285	301	-	302	325	343	-	340	366	386	-	375	404	427	-
		LO PR	104	111	121	-	110	117	127	-	114	121	133	-	120	127	139	-	126	134	146	-	130	138	151	-
70		MBh	16.4	17.0	18.7	-	16.0	16.6	18.2	-	15.7	16.2	17.8	-	15.3	15.8	17.4	-	14.5	15.0	16.5	-	13.4	13.9	15.3	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	1.00	1.02	1.05	-	1.08	1.11	1.15	-	1.16	1.18	1.23	-	1.22	1.25	1.30	-	1.28	1.31	1.36	-	1.33	1.36	1.41	-
		Amps	4.0	4.1	4.2	-	4.3	4.4	4.6	-	4.7	4.9	5.0	-	5.1	5.2	5.4	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-
		HI PR	211	227	239	-	236	254	269	-	269	289	305	-	306	329	348	-	344	371	391	-	380	409	432	-
		LO PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-
650		MBh	16.9	17.6	19.2	-	16.5	17.1	18.8	-	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0	-	13.9	14.4	15.7	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	1.01	1.03	1.07	-	1.10	1.12	1.16	-	1.17	1.20	1.25	-	1.24	1.27	1.32	-	1.30	1.33	1.38	-	1.35	1.38	1.43	-
		Amps	4.0	4.2	4.3	-	4.4	4.5	4.7	-	4.8	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.7	5.9	-	5.9	6.1	6.3	-
		HI PR	214	231	243	-	240	259	273	-	273	294	311	-	311	335	354	-	350	377	398	-	387	417	440	-
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	143	-	129	138	150	-	134	142	156	-

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	
75		MBh	15.9	16.4	17.7	19.0	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.1	14.8	15.2	16.5	17.7	14.0	14.5	15.7	16.8	13.0	13.4	14.5	15.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		ΔT	23	21	18	12	23	22	18	12	24	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
		kW	0.99	1.02	1.05	1.09	1.08	1.10	1.14	1.18	1.15	1.18	1.22	1.27	1.22	1.25	1.29	1.34	1.28	1.31	1.35	1.40	1.32	1.36	1.41	1.46
		Amps	4.0	4.1	4.2	4.4	4.3	4.4	4.6	4.8	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.8	6.0	5.8	5.9	6.2	6.4
		HI PR	210	226	239	249	236	253	268	279	268	288	304	318	305	328	347	362	343	369	390	407	379	408	431	450
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
		MBh	16.7	17.2	18.6	20.0	16.3	16.8	18.2	19.5	15.9	16.4	17.8	19.1	15.5	16.0	17.3	18.6	14.8	15.2	16.5	17.7	13.7	14.1	15.2	16.4
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		kW	1.00	1.03	1.06	1.10	1.09	1.12	1.16	1.20	1.17	1.20	1.24	1.28	1.23	1.26	1.31	1.36	1.29	1.32	1.37	1.42	1.34	1.37	1.42	1.48
		Amps	4.0	4.1	4.3	4.4	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.9	6.1	5.9	6.0	6.2	6.5
		HI PR	213	229	242	252	239	257	271	283	271	292	309	322	309	333	351	366	348	374	395	412	384	414	437	456
		LO PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	142	152	129	137	149	159	133	141	154	164
		MBh	17.2	17.7	19.2	20.6	16.8	17.3	18.7	20.1	16.4	16.9	18.3	19.6	16.0	16.5	17.9	19.2	15.2	15.7	17.0	18.2	14.1	14.5	15.7	16.9
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10
		kW	1.02	1.04	1.08	1.12	1.11	1.13	1.17	1.22	1.19	1.21	1.26	1.30	1.25	1.28	1.33	1.38	1.31	1.34	1.39	1.44	1.36	1.40	1.45	1.50
		Amps	4.1	4.2	4.3	4.5	4.5	4.6	4.7	4.9	4.9	5.0	5.2	5.4	5.2	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.6
		HI PR	216	233	246	257	243	261	276	288	276	297	314	327	315	339	357	373	354	381	402	419	391	421	444	463
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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				
80	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	16.2	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6	16.7	13.2	13.5	14.5	15.5				
	S/T	0.91	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.76	0.57	1.04	0.97	0.79	0.6	1.05	0.98	0.80	0.60				
	ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16				
	kW	1.00	1.02	1.06	1.1	1.09	1.11	1.15	1.19	1.16	1.19	1.23	1.3	1.23	1.26	1.31	1.35	1.29	1.32	1.37	1.4	1.34	1.37	1.42	1.47				
	Amps	4.0	4.1	4.3	4.4	4.4	4.5	4.6	4.8	4.8	4.9	5.1	5.3	5.1	5.3	5.5	5.7	5.5	5.6	5.8	6.1	5.8	6.0	6.2	6.5				
	HI PR	212	228	241	251.0	238	256	270	282	271	291	308	321.0	308	332	350	365	347	373	394	411.0	383	412	435	454				
	LO PR	106	113	123	131.0	112	119	130	139	116	124	135	144.0	122	130	142	151	128	136	149	159.0	133	141	154	164				
	MBh	17.0	17.4	18.6	19.8	16.6	17.0	18.1	19.4	16.2	16.6	17.7	18.9	15.8	16.2	17.3	18.5	15.0	15.4	16.4	17.5	13.9	14.2	15.2	16.2				
	S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	0.99	0.81	0.6	1.00	1.00	0.81	0.61				
ΔT	24	23	20	16	24	23	20	16	25	23	20	16	24	24	21	16	23	23	20	16	21	22	19	15					
kW	1.01	1.04	1.07	1.1	1.10	1.13	1.17	1.21	1.18	1.21	1.25	1.3	1.25	1.28	1.32	1.37	1.30	1.34	1.38	1.4	1.35	1.39	1.44	1.49					
Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.9	4.8	5.0	5.1	5.4	5.2	5.3	5.5	5.8	5.6	5.7	5.9	6.2	5.9	6.1	6.3	6.6					
HI PR	215	231	244	255.0	241	259	274	286	274	295	312	325.0	312	336	355	370	351	378	399	416.0	388	418	441	460					
LO PR	107	114	125	133.0	114	121	132	140	118	126	137	146.0	124	132	144	153	130	138	151	161.0	134	143	156	166					
MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.5	15.8	16.9	18.1	14.3	14.7	15.7	16.7					
S/T	0.95	0.89	0.72	0.5	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.6	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.6	1.00	1.00	0.83	0.62					
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	22	22	20	16	20	21	18	15					
kW	1.03	1.05	1.09	1.1	1.12	1.14	1.19	1.23	1.20	1.23	1.27	1.3	1.27	1.30	1.34	1.39	1.32	1.36	1.41	1.5	1.37	1.41	1.46	1.51					
Amps	4.1	4.2	4.4	4.6	4.5	4.6	4.8	5.0	4.9	5.1	5.2	5.5	5.3	5.4	5.6	5.9	5.7	5.8	6.0	6.3	6.0	6.2	6.4	6.7					
HI PR	219	235	248	259.0	245	264	279	291	279	300	317	331.0	318	342	361	377	357	385	406	424.0	395	425	449	468					
LO PR	109	116	127	135.0	115	123	134	143	120	128	139	148.0	126	134	146	156	132	141	153	163.0	137	145	159	169					
85	MBh	16.5	16.8	17.6	18.7	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.6	13.5	13.7	14.4	15.3				
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78				
	ΔT	28	27	26	22	28	27	26	23	28	28	26	23	27	27	26	23	26	26	26	22	24	24	24	21				
	kW	1.01	1.03	1.07	1.11	1.10	1.12	1.16	1.21	1.17	1.20	1.25	1.29	1.24	1.27	1.32	1.37	1.30	1.33	1.38	1.43	1.35	1.38	1.43	1.49				
	Amps	4.0	4.2	4.3	4.5	4.4	4.5	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.9	6.1	5.9	6.1	6.3	6.5				
	HI PR	214	230	243	254	240	259	273	285	273	294	311	324	311	335	354	369	350	377	398	415	387	416	440	459				
	LO PR	107	114	124	132	113	120	131	140	118	125	137	145	124	131	143	153	129	138	150	160	134	142	155	166				
	MBh	17.3	17.6	18.5	19.7	16.9	17.2	18.0	19.2	16.5	16.8	17.6	18.8	16.1	16.4	17.2	18.3	15.3	15.6	16.3	17.4	14.2	14.4	15.1	16.1				
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79				
	ΔT	26	25	24	21	26	26	24	21	25	26	24	21	25	25	24	21	23	24	24	21	22	22	23	20				
kW	1.02	1.05	1.08	1.12	1.11	1.14	1.18	1.22	1.19	1.22	1.26	1.31	1.26	1.29	1.33	1.38	1.32	1.35	1.40	1.45	1.37	1.40	1.45	1.50					
Amps	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.4	6.6					
HI PR	217	234	247	257	244	262	277	289	277	298	315	328	315	339	358	374	355	382	403	421	392	422	446	465					
LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168					
MBh	17.8	18.2	19.0	20.3	17.4	17.8	18.6	19.8	17.0	17.3	18.2	19.4	16.6	16.9	17.7	18.9	15.8	16.1	16.8	18.0	14.6	14.9	15.6	16.6					
S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80					
ΔT	25	25	23	20	25	25	24	20	24	25	24	20	24	24	24	21	22	23	23	20	21	21	22	19					
kW	1.04	1.06	1.10	1.14	1.13	1.15	1.20	1.24	1.21	1.24	1.28	1.33	1.28	1.31	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.53					
Amps	4.2	4.3	4.4	4.6	4.5	4.7	4.8	5.0	5.0	5.1	5.3	5.5	5.3	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.5	6.7					
HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	345	365	380	361	389	410	428	399	429	453	473					
LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171					

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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
70	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	1.60	1.64	1.68	-	1.72	1.75	1.81	-	1.82	1.86	1.91	-	1.91	1.95	2.01	-	1.98	2.03	2.09	-	2.05	2.09	2.16	-
	Amps	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-
	HI PR	222	239	253	-	249	268	283	-	284	305	322	-	323	348	367	-	364	391	413	-	402	432	456	-
LO PR	100	106	116	-	106	112	123	-	110	117	128	-	115	123	134	-	121	129	140	-	125	133	145	-	
800	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-
	S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	1.64	1.67	1.72	-	1.76	1.79	1.85	-	1.86	1.90	1.96	-	1.95	2.00	2.06	-	2.03	2.08	2.14	-	2.10	2.14	2.21	-
	Amps	6.1	6.2	6.4	-	6.6	6.7	6.9	-	7.1	7.3	7.5	-	7.6	7.8	8.1	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-
	HI PR	229	247	260	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-
LO PR	103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	129	137	150	-	
900	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
	kW	1.65	1.69	1.74	-	1.77	1.81	1.86	-	1.88	1.92	1.97	-	1.97	2.01	2.07	-	2.05	2.09	2.16	-	2.12	2.16	2.23	-
	Amps	6.1	6.3	6.5	-	6.6	6.8	7.0	-	7.2	7.4	7.6	-	7.7	7.9	8.2	-	8.2	8.4	8.7	-	8.7	8.9	9.2	-
	HI PR	231	249	263	-	260	280	295	-	295	318	336	-	336	362	382	-	379	407	430	-	418	450	475	-
LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	

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
700	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.62	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.83	1.87	1.93	1.99	1.92	1.96	2.02	2.09	2.00	2.04	2.11	2.17	2.07	2.11	2.18	2.25
	Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.8	8.4	8.7	8.9	9.3
	HI PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	437	461	481
LO PR	101	108	117	125	107	114	124	132	111	118	129	137	117	124	135	144	122	130	142	151	126	134	147	156	
800	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
	HI PR	232	249	263	274	260	280	295	308	295	318	336	350	337	362	382	399	379	407	430	449	418	450	475	496
LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	
900	MBh	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.8	21.9	22.5	24.4	26.1	21.3	22.0	23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4
	S/T	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10
	kW	1.67	1.70	1.75	1.80	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.05	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.25	2.13	2.18	2.25	2.32
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7
	HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	412	435	453	423	455	480	501
LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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
80	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.68	0.50	0.91	0.85	0.69	0.5	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.6	0.98	0.92	0.75	0.56
	ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
	kW	1.63	1.66	1.71	1.8	1.74	1.78	1.83	1.89	1.85	1.89	1.94	2.0	1.94	1.98	2.04	2.11	2.02	2.06	2.12	2.2	2.08	2.13	2.19	2.27
	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.1	7.2	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4
	HI PR	227	244	258	268.9	255	274	289	302	290	312	329	343.1	330	355	375	391	371	399	422	439.7	410	441	466	486
	LO PR	102	109	119	126.3	108	115	125	133	112	119	130	138.7	118	125	137	146	123	131	143	152.7	128	136	148	158
	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
	S/T	0.88	0.83	0.68	0.5	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.6	1.00	0.95	0.78	0.58
	ΔT	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	21	21	18	14
kW	1.67	1.70	1.75	1.8	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.1	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.2	2.13	2.18	2.25	2.32	
Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.3	7.4	7.7	8.0	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	
HI PR	234	252	266	277.2	262	282	298	311	298	321	339	353.8	340	366	386	403	382	412	435	453.3	423	455	480	501	
LO PR	105	112	122	130.2	111	118	129	138	116	123	134	143.0	121	129	141	150	127	135	148	157.4	132	140	153	163	
MBh	23.3	23.8	25.5	27.2	22.8	23.3	24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5	20.8	22.3	
S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.6	1.00	1.00	0.81	0.61	
ΔT	22	21	18	15	22	21	19	15	23	21	19	15	22	22	19	15	21	22	19	15	20	20	17	14	
kW	1.68	1.71	1.76	1.8	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.1	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.3	2.15	2.20	2.27	2.34	
Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.6	8.8	9.2	8.9	9.1	9.4	9.7	
HI PR	236	254	268	280.0	265	285	301	314	301	324	343	357.3	343	369	390	407	386	416	439	457.8	427	459	485	506	
LO PR	106	113	123	131.5	112	119	130	139	117	124	136	144.4	123	130	142	152	129	137	149	158.9	133	141	154	164	
85	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.73
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	25	25	23	20	23	23	22	19
	kW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.06	2.12	2.03	2.08	2.14	2.21	2.10	2.14	2.21	2.28
	Amps	6.1	6.2	6.4	6.7	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
	HI PR	229	247	260	272	257	277	292	305	292	315	332	347	333	358	378	395	375	403	426	444	414	445	470	491
	LO PR	103	110	120	128	109	116	127	135	113	120	132	140	119	127	138	147	125	133	145	154	129	137	150	159
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	23	24	23	20	22	22	21	19
kW	1.68	1.71	1.76	1.82	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26	2.15	2.20	2.27	2.34	
Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.6	8.8	9.2	8.9	9.1	9.4	9.7	
HI PR	236	254	268	280	265	285	301	314	301	324	343	357.3	343	369	390	407	386	416	439	458	427	459	485	506	
LO PR	106	113	123	131	112	119	130	139	117	124	136	144.4	123	130	142	152	129	137	149	159	133	141	154	164	
MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1	
S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
ΔT	24	23	22	19	24	23	22	19	23	24	22	19	23	23	22	19	21	22	22	19	20	20	21	18	
kW	1.69	1.72	1.78	1.83	1.81	1.85	1.91	1.97	1.92	1.96	2.02	2.09	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.17	2.22	2.29	2.36	
Amps	6.3	6.4	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.2	9.5	9.8	
HI PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (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
70	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	1.63	1.66	1.71	-	1.75	1.78	1.83	-	1.85	1.89	1.95	-	1.94	1.98	2.04	-	2.02	2.06	2.13	-	2.09	2.13	2.20	-
	Amps	5.8	6.0	6.2	-	6.3	6.4	6.7	-	6.8	7.0	7.2	-	7.3	7.5	7.7	-	7.8	8.0	8.2	-	8.2	8.4	8.7	-
	Hi PR	228	246	259	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-
	Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-
	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
kW	1.62	1.65	1.70	-	1.73	1.77	1.82	-	1.84	1.87	1.93	-	1.93	1.97	2.03	-	2.00	2.05	2.11	-	2.07	2.11	2.18	-	
Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.7	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-	
Hi PR	226	243	257	-	254	273	288	-	288	310	328	-	329	354	373	-	370	398	420	-	408	440	464	-	
Lo PR	104	111	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-	
MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-	
S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	
ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-	
kW	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.79	1.83	1.89	-	1.88	1.92	1.98	-	1.96	2.00	2.06	-	2.02	2.06	2.13	-	
Amps	5.6	5.7	5.9	-	6.1	6.2	6.4	-	6.6	6.7	7.0	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	7.9	8.1	8.4	-	
Hi PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	407	-	396	426	450	-	
Lo PR	101	107	117	-	106	113	124	-	111	118	129	-	116	124	135	-	122	130	141	-	126	134	146	-	

75	MBh	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.8	21.9	22.5	24.4	26.1	21.3	22.0	23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	kW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.21	2.10	2.15	2.22	2.29
	Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
	Hi PR	231	248	262	273	259	279	294	307	294	317	334	349	335	361	381	397	377	406	429	447	417	448	474	494
	Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164
	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
	S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
	ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.04	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27	
Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.1	
Hi PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	373	402	424	443	413	444	469	489	
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	
MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1	
S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
kW	1.59	1.62	1.67	1.72	1.71	1.74	1.79	1.85	1.81	1.84	1.90	1.96	1.90	1.94	2.00	2.06	1.97	2.01	2.08	2.14	2.04	2.08	2.15	2.22	
Amps	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8	
Hi PR	222	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474	
Lo PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	

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

IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F																																																																																																																																																							
		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																																																																																																																																												
<b>900</b>		MBh	23.3	23.8	25.5	27.2	22.8	23.3	24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5	20.8	22.3	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	22	21	22	18	15	20	20	17	14	kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.14	2.05	2.10	2.16	2.23	2.12	2.17	2.24	2.31	Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499	Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
<b>800</b>		MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6	S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14	kW	1.64	1.67	1.72	1.78	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.21	2.10	2.15	2.22	2.29	Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	Hi PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	448	474	494	Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	116	124	130	142	128	136	149	158	133	141	154	164	
<b>700</b>		MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0	S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	ΔT	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	23	22	19	15	22	21	18	14	kW	1.60	1.63	1.68	1.73	1.72	1.75	1.81	1.86	1.82	1.86	1.92	1.98	1.91	1.95	2.01	2.08	1.99	2.03	2.09	2.16	2.05	2.10	2.16	2.23	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.4	7.2	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	Hi PR	224	241	254	265	251	270	285	298	286	307	324	338	325	350	370	385	366	394	416	434	404	435	459	479	Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
<b>85</b>		MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	ΔT	23	23	22	19	23	23	22	19	23	23	22	19	23	22	20	16	23	22	19	15	22	21	18	14	kW	1.66	1.70	1.75	1.80	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.25	2.14	2.18	2.25	2.33	Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	Hi PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	504	Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
<b>800</b>		MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	25	24	23	20	23	24	23	20	22	22	21	18	kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.14	2.05	2.10	2.16	2.23	2.12	2.17	2.24	2.31	Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499	Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
<b>700</b>		MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8	S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71	ΔT	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	25	24	23	20	23	23	23	21	19	kW	1.61	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.83	1.87	1.93	1.99	1.93	1.97	2.03	2.09	2.00	2.05	2.11	2.18	2.07	2.11	2.18	2.25	Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.7	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.6	9.0	Hi PR	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	438	464	484	Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	130	138	151	161

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

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
<b>70</b>		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
MBh		24.9	25.8	28.3	-	24.4	25.2	27.7	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.2	23.2	-
S/T		0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
ΔT		19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
kW		1.60	1.64	1.70	-	1.74	1.78	1.85	-	1.87	1.91	1.98	-	1.97	2.02	2.10	-	2.07	2.12	2.20	-	2.15	2.20	2.28	-
Amps		6.6	6.8	7.0	-	7.2	7.4	7.7	-	7.9	8.1	8.4	-	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.6	9.9	10.2	-
HI PR		209	224	237	-	234	252	266	-	266	286	303	-	303	326	345	-	341	367	388	-	377	406	428	-
LO PR		103	109	119	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	128	137	149	-
MBh		27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-
S/T		0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
ΔT		18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
kW		1.65	1.69	1.75	-	1.79	1.83	1.90	-	1.92	1.97	2.04	-	2.03	2.08	2.16	-	2.13	2.18	2.26	-	2.21	2.26	2.35	-
Amps		6.8	7.0	7.3	-	7.4	7.6	7.9	-	8.1	8.3	8.6	-	8.7	9.0	9.3	-	9.3	9.6	9.9	-	9.9	10.2	10.6	-
HI PR		215	231	244	-	241	260	274	-	274	295	312	-	313	336	355	-	352	378	400	-	389	418	442	-
LO PR		106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
MBh		27.3	28.3	31.0	-	26.7	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.1	25.0	27.4	-	22.3	23.2	25.4	-
S/T		0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
ΔT		17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
kW		1.65	1.69	1.75	-	1.80	1.84	1.91	-	1.92	1.97	2.04	-	2.04	2.09	2.16	-	2.13	2.18	2.26	-	2.21	2.27	2.35	-
Amps		6.9	7.0	7.3	-	7.5	7.7	7.9	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	10.0	-	10.0	10.2	10.6	-
HI PR		216	232	245	-	242	260	275	-	275	296	313	-	314	337	356	-	353	380	401	-	390	419	443	-
LO PR		106	113	123	-	112	119	130	-	117	124	136	-	123	130	142	-	128	137	149	-	133	141	154	-

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
<b>75</b>		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
MBh		25.4	26.1	28.3	30.3	24.8	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.6	24.3	26.3	28.2	22.4	23.1	25.0	26.8	20.8	21.4	23.1	24.8
S/T		0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
ΔT		22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
kW		1.62	1.66	1.72	1.78	1.76	1.80	1.87	1.93	1.88	1.93	2.00	2.07	1.99	2.04	2.12	2.19	2.09	2.14	2.22	2.30	2.17	2.22	2.30	2.39
Amps		6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.1	8.0	8.2	8.5	8.8	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.4	10.8
HI PR		211	227	239	250	236	254	269	280	269	289	306	319	306	330	348	363	345	371	392	408	381	410	433	451
LO PR		104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	134	146	155	130	138	151	161
MBh		27.5	28.3	30.6	32.9	26.8	27.6	29.9	32.1	26.2	27.0	29.2	31.3	25.6	<b>26.3</b>	28.5	30.6	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9
S/T		0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	<b>0.83</b>	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
ΔT		20	19	15	11	21	19	16	11	21	19	16	11	21	<b>19</b>	16	11	20	19	15	11	19	18	14	10
kW		1.66	1.70	1.76	1.83	1.81	1.85	1.92	1.99	1.94	1.98	2.06	2.13	2.05	<b>2.10</b>	2.18	2.26	2.15	2.20	2.28	2.36	2.23	2.28	2.37	2.46
Amps		6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.3	8.2	8.4	8.7	9.1	8.8	<b>9.1</b>	9.4	9.8	9.4	9.7	10.0	10.4	10.0	10.3	10.7	11.1
HI PR		217	234	247	257	244	262	277	289	277	298	315	329	316	<b>340</b>	359	374	355	382	404	421	393	422	446	465
LO PR		107	114	124	132	113	120	131	140	118	125	136	145	123	<b>131</b>	143	153	129	138	150	160	134	142	155	166
MBh		27.8	28.6	30.9	33.2	27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	24.5	25.3	27.3	29.3	22.7	23.4	25.3	27.2
S/T		0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
ΔT		20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
kW		1.67	1.71	1.77	1.83	1.81	1.86	1.92	1.99	1.94	1.99	2.06	2.14	2.06	2.11	2.18	2.26	2.15	2.21	2.29	2.37	2.24	2.29	2.37	2.46
Amps		6.9	7.1	7.4	7.7	7.5	7.7	8.0	8.3	8.2	8.5	8.8	9.1	8.9	9.1	9.4	9.8	9.5	9.7	10.1	10.5	10.1	10.3	10.7	11.1
HI PR		218	234	248	258	245	263	278	290	278	299	316	330	317	341	360	375	356	383	405	422	394	424	447	467
LO PR		107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166

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

IDB		OUTDOOR AMBIENT TEMPERATURE												115°F																																			
		65°F						75°F						85°F						95°F						105°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																		
		AIRFLOW												ENTERING INDOOR WET BULB TEMPERATURE												AMPS																							
80	MBh	25.8	26.4	28.2	30.1	25.2	25.8	27.5	29.4	24.6	25.1	26.9	28.7	24.0	24.5	26.2	28.0	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7
	S/T	0.89	0.84	0.68	0.5	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.56	1.02	0.96	0.78	0.6	1.03	0.96	0.78	0.59	1.02	0.96	0.78	0.6	1.03	0.96	0.78	0.59	1.02	0.96	0.78	0.6	1.03	0.96	0.78	0.59	1.02	0.96	0.78	0.6	1.03	0.96	0.78	0.59
	ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16
	kW	1.63	1.67	1.73	1.8	1.77	1.82	1.88	1.95	1.90	1.95	2.02	2.1	2.01	2.06	2.14	2.21	2.11	2.16	2.24	2.3	2.19	2.24	2.32	2.41	2.11	2.16	2.24	2.3	2.19	2.24	2.32	2.41	2.11	2.16	2.24	2.3	2.19	2.24	2.32	2.41	2.11	2.16	2.24	2.3	2.19	2.24	2.32	2.41
	Amps	6.8	6.9	7.2	7.5	7.4	7.6	7.8	8.1	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.2	9.5	9.8	10.2	9.8	10.1	10.5	10.9	9.2	9.5	9.8	10.2	9.8	10.1	10.5	10.9	9.2	9.5	9.8	10.2	9.8	10.1	10.5	10.9	9.2	9.5	9.8	10.2	9.8	10.1	10.5	10.9
	HI PR	213	229	242	252.3	239	257	271	283	272	292	309	322.0	309	333	352	367	348	375	396	412.5	385	414	437	456	309	333	352	367	348	375	396	412.5	309	333	352	367	348	375	396	412.5	309	333	352	367	348	375	396	412.5
	LO PR	105	112	122	129.7	111	118	129	137	115	123	134	142.4	121	129	140	150	127	135	147	156.8	131	139	152	162	115	123	134	142.4	121	129	140	150	115	123	134	142.4	121	129	140	150	115	123	134	142.4	121	129	140	150
	MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8
	S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	0.99	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	0.99	0.81	0.6	1.00	1.00	0.81	0.61	0.99	0.92	0.75	0.6	1.00	0.95	0.78	0.58	0.99	0.92	0.75	0.6	1.00	0.95	0.78	0.58	0.99	0.92	0.75	0.6	1.00	0.95	0.78	0.58
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15
kW	1.68	1.72	1.78	1.8	1.82	1.87	1.94	2.01	1.95	2.00	2.07	2.2	2.07	2.12	2.20	2.28	2.17	2.22	2.30	2.4	2.25	2.31	2.39	2.48	2.07	2.12	2.20	2.28	2.17	2.22	2.30	2.4	2.07	2.12	2.20	2.28	2.17	2.22	2.30	2.4	2.07	2.12	2.20	2.28	2.17	2.22	2.30	2.4	
Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.2	8.9	9.1	9.5	9.9	9.5	9.8	10.1	10.5	10.1	10.4	10.8	11.2	9.1	9.5	9.9	10.5	9.5	9.8	10.1	10.5	9.1	9.5	9.9	10.5	9.5	9.8	10.1	10.5	9.1	9.5	9.9	10.5	9.5	9.8	10.1	10.5	
HI PR	219	236	249	260.1	246	265	280	292	280	301	318	331.9	319	343	362	378	359	386	408	425.3	396	427	451	470	319	343	362	378	359	386	408	425.3	319	343	362	378	359	386	408	425.3	319	343	362	378	359	386	408	425.3	
LO PR	108	115	126	133.7	114	122	133	141	119	126	138	146.8	125	133	145	154	131	139	152	161.6	135	144	157	167	119	126	138	146.8	125	133	145	154	119	126	138	146.8	125	133	145	154	119	126	138	146.8	125	133	145	154	
MBh	28.2	28.9	30.8	33.0	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	23.1	23.6	25.2	27.0	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	
S/T	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.6	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.6	1.00	1.00	0.83	0.62	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.6	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.6	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.6	
ΔT	22	21	18	15	22	21	18	15	22	21	18	15	21	21	19	15	20	21	18	15	19	19	17	14	21	21	19	15	20	21	18	15	21	21	19	15	20	21	18	15	21	21	19	15	20	21	18	15	
kW	1.68	1.72	1.78	1.8	1.83	1.87	1.94	2.01	1.96	2.01	2.08	2.2	2.07	2.13	2.20	2.28	2.17	2.23	2.31	2.4	2.26	2.31	2.40	2.49	2.07	2.13	2.20	2.28	2.17	2.23	2.31	2.4	2.07	2.13	2.20	2.28	2.17	2.23	2.31	2.4	2.07	2.13	2.20	2.28	2.17	2.23	2.31	2.4	
Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.2	8.9	9.2	9.5	9.9	9.6	9.8	10.2	10.6	10.2	10.4	10.8	11.2	9.2	9.5	9.9	10.5	9.6	9.8	10.2	10.6	9.2	9.5	9.9	10.5	9.6	9.8	10.2	10.6	9.2	9.5	9.9	10.5	9.6	9.8	10.2	10.6	
HI PR	220	237	250	260.9	247	266	281	293	281	302	319	332.9	320	344	364	379	360	387	409	426.6	398	428	452	471	320	344	364	379	360	387	409	426.6	320	344	364	379	360	387	409	426.6	320	344	364	379	360	387	409	426.6	
LO PR	108	115	126	134.1	115	122	133	142	119	127	138	147.3	125	133	145	155	131	139	152	162.1	136	144	157	168	119	127	138	147.3	125	133	145	155	119	127	138	147.3	125	133	145	155	119	127	138	147.3	125	133	145	155	
85	MBh	26.3	26.8	28.0	29.9	25.7	26.1	27.4	29.2	25.0	25.5	26.7	28.5	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	21.5	21.9	23.0	24.5	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4
	S/T	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	0.96	0.90	0.87	0.73	1.00	0.99	0.90	0.73	0.96	0.90	0.87	0.73	1.00	0.99	0.90	0.73	0.96	0.90	0.87	0.73	1.00	0.99	0.90	0.73
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	23	24	23	20	20	21	18	14	26	26	24	21	23	24	23	20	26	26	24	21	23	24	23	20	26	26	24	21	23	24	23	20
	kW	1.65	1.69	1.75	1.81	1.79	1.83	1.90	1.97	1.92	1.96	2.04	2.11	2.03	2.08	2.16	2.24	2.13	2.18	2.26	2.34	2.21	2.26	2.35	2.43	2.03	2.08	2.16	2.24	2.13	2.18	2.26	2.34	2.03	2.08	2.16	2.24	2.13	2.18	2.26	2.34	2.03	2.08	2.16	2.24	2.13	2.18	2.26	2.34
	Amps	6.8	7.0	7.3	7.6	7.4	7.6	7.9	8.2	8.1	8.3	8.6	9.0	8.7	9.0	9.3	9.7	9.3	9.6	9.9	10.3	9.9	10.2	10.6	11.0	9.0	9.2	9.5	9.9	9.3	9.6	9.9	10.3	9.0	9.2	9.5	9.9	9.3	9.6	9.9	10.3	9.0	9.2	9.5	9.9	9.3	9.6	9.9	10.3
	HI PR	215	231	244	255	241	260	274	286	274	295	312	325	312	336	355	370	352	378	399	417	388	418	441	460	312	336	355	370	352	378	399	417	312	336	355	370	352	378	399	417	312	336	355	370	352	378	399	417
	LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	116	124	135	144	122	130	142	151	116	124	135	144	122	130	142	151	116	124	135	144	122	130	142	151
	MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1																																							

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
<b>1050</b>	MBh	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.2	31.9	-	27.4	28.4	31.2	-	26.1	27.0	29.6	-	24.2	25.0	27.4	-
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	2.32	2.37	2.44	-	2.49	2.55	2.63	-	2.65	2.70	2.79	-	2.78	2.84	2.93	-	2.89	2.96	3.05	-	2.99	3.06	3.16	-
	Amps	8.5	8.7	9.0	-	9.2	9.5	9.8	-	10.1	10.3	10.7	-	10.8	11.1	11.4	-	11.5	11.8	12.2	-	12.2	12.5	13.0	-
	HI PR	235	252	267	-	263	283	299	-	299	322	340	-	341	367	387	-	384	413	436	-	424	456	482	-
	LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	146	-
	MBh	32.0	33.1	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	28.2	29.3	32.1	-	26.2	27.1	29.7	-
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
<b>1200</b>	kW	2.38	2.43	2.50	-	2.56	2.61	2.69	-	2.71	2.77	2.86	-	2.85	2.91	3.00	-	2.97	3.03	3.13	-	3.07	3.14	3.24	-
	Amps	8.8	9.0	9.3	-	9.5	9.7	10.1	-	10.4	10.6	11.0	-	11.1	11.4	11.8	-	11.8	12.1	12.6	-	12.6	12.9	13.3	-
	HI PR	242	260	275	-	271	292	308	-	309	332	351	-	352	378	399	-	395	426	449	-	437	470	497	-
	LO PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.7	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	27.0	27.9	30.6	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
	kW	2.40	2.45	2.52	-	2.58	2.63	2.71	-	2.73	2.79	2.88	-	2.87	2.93	3.03	-	2.99	3.06	3.16	-	3.09	3.16	3.26	-
	Amps	8.8	9.1	9.4	-	9.6	9.8	10.2	-	10.5	10.7	11.1	-	11.2	11.5	11.9	-	12.0	12.3	12.7	-	12.7	13.0	13.5	-
	HI PR	244	263	278	-	274	295	311	-	312	335	354	-	355	382	403	-	399	430	454	-	441	475	501	-
LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-	

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
<b>1050</b>	MBh	30.0	30.9	33.4	35.9	29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.2	27.9	28.7	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
	kW	2.34	2.39	2.46	2.54	2.51	2.57	2.65	2.73	2.67	2.72	2.81	2.90	2.80	2.86	2.96	3.05	2.92	2.98	3.08	3.18	3.02	3.08	3.18	3.29
	Amps	8.6	8.8	9.1	9.5	9.3	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.2	11.6	12.0	11.6	11.9	12.3	12.8	12.3	12.6	13.1	13.6
	HI PR	237	255	269	281	266	286	302	315	302	325	344	358	344	371	391	408	388	417	440	459	428	461	487	507
	LO PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	158
	MBh	32.5	33.5	36.2	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	30.2	31.1	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.8
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
<b>1200</b>	kW	2.40	2.45	2.52	2.60	2.58	2.63	2.71	2.80	2.73	2.79	2.88	2.97	2.87	2.94	3.03	3.13	2.99	3.06	3.16	3.26	3.09	3.16	3.27	3.37
	Amps	8.8	9.1	9.4	9.7	9.6	9.8	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.5	14.0
	HI PR	244	263	278	290	274	295	312	325	312	336	354	370	355	382	404	421	399	430	454	473	441	475	502	523
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
	kW	2.41	2.46	2.54	2.62	2.60	2.65	2.73	2.82	2.76	2.81	2.90	3.00	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.29	3.12	3.19	3.29	3.40
	Amps	8.9	9.2	9.5	9.8	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.2	13.6	14.1
	HI PR	247	266	280	292	277	298	315	328	315	339	358	373	359	386	408	425	403	434	459	478	446	480	507	528
LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	

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

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
<b>80</b>	AIRFLOW	30.5	31.2	33.3	35.6	29.8	30.5	32.6	34.8	29.1	29.8	31.8	34.0	28.4	29.0	31.0	33.2	27.0	27.6	29.5	31.5	25.0	25.5	27.3	29.2
	MBh	0.85	0.79	0.65	0.5	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.5	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.6	0.97	0.91	0.74	0.56
	S/T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	ΔT	2.36	2.41	2.48	2.6	2.53	2.59	2.67	2.75	2.69	2.75	2.83	2.9	2.83	2.89	2.98	3.08	2.94	3.01	3.10	3.2	3.04	3.11	3.21	3.32
	kW	8.7	8.9	9.2	9.6	9.4	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7
	Amps	239	258	272	283.7	269	289	305	318	305	329	347	362.1	348	374	395	412	391	421	445	463.9	432	465	491	513
	HI PR	103	109	120	127.3	109	116	126	134	113	120	131	139.8	119	126	138	147	124	132	144	153.8	129	137	149	159
	LO PR	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.8	31.4	<b>33.6</b>	35.9	29.2	29.9	31.9	34.1	27.1	27.7	29.6	31.6
	MBh	0.88	0.82	0.67	0.5	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.5	0.96	0.90	<b>0.74</b>	0.55	1.00	0.94	0.76	0.6	1.00	0.95	0.77	0.58
	S/T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	<b>19</b>	15	22	21	19	15	21	20	17	14
ΔT	2.42	2.46	2.54	2.6	2.60	2.65	2.73	2.82	2.76	2.81	2.90	3.0	2.90	2.96	<b>3.05</b>	3.15	3.02	3.08	3.18	3.3	3.12	3.19	3.29	3.40	
kW	8.9	9.2	9.5	9.8	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.6	<b>12.0</b>	12.5	12.1	12.4	12.8	13.3	12.8	13.2	13.6	14.1	
Amps	247	266	280	292.5	277	298	315	328	315	339	358	373.3	359	386	<b>408</b>	425	404	434	459	478.3	446	480	507	528	
HI PR	106	113	123	131.2	112	119	130	139	116	124	135	144.1	122	130	<b>142</b>	151	128	136	149	158.6	133	141	154	164	
LO PR	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.5	32.6	
MBh	0.92	0.86	0.70	0.5	0.96	0.90	0.73	0.54	1.00	0.92	0.75	0.6	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.6	1.00	1.00	0.81	0.60	
S/T	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	21	21	18	14	19	19	17	13	
ΔT	2.43	2.48	2.56	2.6	2.62	2.67	2.76	2.84	2.78	2.84	2.93	3.0	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.3	3.15	3.21	3.32	3.43	
kW	9.0	9.2	9.6	9.9	9.8	10.0	10.4	10.8	10.7	10.9	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.3	13.7	14.3	
Amps	249	268	283	295.4	280	301	318	331	318	342	361	377.0	362	390	412	429	408	439	463	483.1	450	485	512	534	
HI PR	107	114	124	132.5	113	120	131	140	118	125	137	145.5	124	131	144	153	130	138	150	160.2	134	143	156	166	
LO PR																									

<b>85</b>	AIRFLOW	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	27.5	28.0	29.3	31.3	25.4	25.9	27.2	29.0
	MBh	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
	S/T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
	ΔT	2.38	2.43	2.50	2.58	2.55	2.61	2.69	2.77	2.71	2.77	2.86	2.95	2.85	2.91	3.00	3.10	2.97	3.03	3.13	3.23	3.07	3.13	3.24	3.34
	kW	8.8	9.0	9.3	9.6	9.5	9.7	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.6	13.1	12.6	12.9	13.3	13.9
	Amps	242	260	275	287	271	292	308	322	309	332	351	366	351	378	399	416	395	425	449	469	437	470	496	518
	HI PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161
	LO PR	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.4	35.7	29.7	30.3	31.8	33.9	27.6	28.1	29.4	31.4
	MBh	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
	S/T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	23	23	22	19	21	22	21	18
ΔT	2.43	2.48	2.56	2.64	2.62	2.67	2.76	2.84	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.32	3.15	3.21	3.32	3.43	
kW	9.0	9.2	9.6	9.9	9.8	10.0	10.4	10.8	10.7	10.9	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.3	13.7	14.3	
Amps	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	408	439	463	483	450	485	512	534	
HI PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	
LO PR	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	
MBh	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78	
S/T	23	22	21	18	23	23	21	19	23	23	21	19	22	22	22	19	21	21	21	18	19	20	20	17	
ΔT	2.45	2.50	2.58	2.66	2.64	2.69	2.78	2.87	2.80	2.86	2.95	3.05	2.94	3.01	3.10	3.21	3.07	3.13	3.24	3.34	3.17	3.24	3.35	3.46	
kW	9.1	9.3	9.7	10.0	9.9	10.1	10.5	10.9	10.8	11.0	11.4	11.9	11.5	11.8	12.2	12.7	12.3	12.6	13.1	13.6	13.1	13.4	13.9	14.4	
Amps	252	271	286	298	282	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	489	517	539	
HI PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
LO PR																									

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

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
		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
70	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
	kW	2.81	2.86	2.94	-	3.00	3.06	3.15	-	3.17	3.24	3.33	-	3.33	3.39	3.50	-	3.45	3.53	3.63	-	3.57	3.64	3.75	-
	Amps	10.3	10.6	10.9	-	11.1	11.4	11.8	-	12.1	12.4	12.8	-	12.9	13.2	13.7	-	13.7	14.1	14.5	-	14.5	14.9	15.4	-
	HI PR	227	237	250	-	247	266	281	-	281	302	319	-	320	344	363	-	360	387	409	-	398	428	452	-
	LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-
	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.86	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
kW	2.87	2.92	3.01	-	3.07	3.13	3.22	-	3.25	3.31	3.41	-	3.40	3.47	3.58	-	3.54	3.61	3.72	-	3.65	3.73	3.84	-	
Amps	10.6	10.9	11.2	-	11.5	11.7	12.1	-	12.4	12.7	13.1	-	13.3	13.6	14.0	-	14.1	14.5	14.9	-	15.0	15.3	15.8	-	
HI PR	227	244	258	-	255	274	289	-	289	312	329	-	330	355	375	-	371	399	421	-	410	441	466	-	
LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-	
MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-	
S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.76	0.52	-	
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
kW	2.89	2.94	3.03	-	3.09	3.15	3.25	-	3.27	3.34	3.44	-	3.43	3.50	3.61	-	3.56	3.64	3.75	-	3.68	3.76	3.87	-	
Amps	10.7	11.0	11.3	-	11.6	11.8	12.2	-	12.5	12.8	13.3	-	13.4	13.7	14.2	-	14.2	14.6	15.1	-	15.1	15.5	16.0	-	
HI PR	229	247	260	-	257	277	292	-	292	315	332	-	333	358	378	-	375	403	426	-	414	445	470	-	
LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	131	140	153	-	

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
		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
75	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.95	0.85	0.64	0.41
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	2.83	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.46	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.78	3.59	3.67	3.78	3.90
	Amps	10.4	10.7	11.0	11.4	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.0	15.5	16.1
	HI PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	402	432	456	476
	LO PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158
	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.91	0.81	0.61	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
kW	2.89	2.95	3.03	3.12	3.09	3.15	3.25	3.35	3.27	3.34	3.44	3.54	3.43	3.50	3.61	3.72	3.57	3.64	3.75	3.87	3.68	3.76	3.88	4.00	
Amps	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.1	15.5	16.0	16.6	
HI PR	229	247	260	272	257	277	292	305	292	315	332	347	333	358	378	395	375	403	426	444	414	446	470	491	
LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163	
MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0	
S/T	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.70	0.45	
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	19	18	15	10	
kW	2.91	2.97	3.05	3.14	3.12	3.18	3.27	3.37	3.30	3.36	3.47	3.57	3.46	3.53	3.64	3.75	3.59	3.67	3.78	3.90	3.71	3.79	3.91	4.03	
Amps	10.8	11.1	11.4	11.8	11.7	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.4	14.7	15.2	15.8	15.2	15.6	16.1	16.7	
HI PR	231	249	263	274	260	279	295	308	295	318	336	350	336	362	382	399	378	407	430	449	418	450	475	496	
LO PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	

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



IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F																																																																																																																																																										
		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																																																																																																																																															
<b>1225</b>		MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7	S/T	0.90	0.85	0.69	0.5	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.5	0.99	0.93	0.76	0.57	1.03	0.96	0.78	0.6	1.04	0.97	0.79	0.59	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	kW	2.85	2.90	2.98	3.1	3.05	3.11	3.20	3.29	3.22	3.29	3.39	3.5	3.38	3.45	3.55	3.66	3.51	3.58	3.69	3.8	3.62	3.70	3.81	3.93	Amps	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3	HI PR	225	242	255	266.1	252	271	286	299	287	308	326	339.6	326	351	371	387	367	395	417	435.1	406	437	461	481	LO PR	103	110	120	127.4	109	116	126	135	113	120	131	139.8	119	126	138	147	124	132	145	154.0	129	137	150	159				
<b>1400</b>		MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6	S/T	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.6	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.6	1.00	1.00	0.82	0.61	ΔT	24	23	20	16	25	24	20	16	25	24	20	16	24	24	21	16	23	23	20	16	21	22	19	15	kW	2.91	2.97	3.05	3.1	3.12	3.18	3.27	3.37	3.30	3.36	3.47	3.6	3.46	3.53	3.64	3.75	3.59	3.67	3.78	3.9	3.71	3.79	3.91	4.03	Amps	10.8	11.1	11.4	11.8	11.7	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.9	14.3	14.8	14.4	14.7	15.2	15.8	15.2	15.6	16.1	16.7	HI PR	231	249	263	274.3	260	279	295	308	295	318	336	350.1	336	362	382	399	378	407	430	448.6	418	450	475	496	LO PR	106	113	123	131.3	112	119	130	139	117	124	135	144.2	122	130	142	151	128	137	149	158.7	133	141	154	164				
<b>1575</b>		MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8	S/T	1.00	0.92	0.75	0.6	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.6	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.6	1.00	1.00	0.86	0.64	ΔT	24	22	19	15	23	23	20	16	23	23	20	16	22	23	20	16	21	21	19	16	19	20	18	15	kW	2.93	2.99	3.08	3.2	3.14	3.20	3.30	3.40	3.32	3.39	3.49	3.6	3.48	3.56	3.66	3.78	3.62	3.70	3.81	3.9	3.74	3.82	3.94	4.06	Amps	10.9	11.2	11.5	11.9	11.8	12.0	12.4	12.9	12.8	13.1	13.5	14.0	13.6	14.0	14.4	15.0	14.5	14.9	15.4	15.9	15.4	15.7	16.3	16.9	HI PR	234	252	266	277.1	262	282	298	311	298	321	339	353.6	340	366	386	403	382	411	434	453.1	422	455	480	501	LO PR	107	114	125	132.6	113	121	132	140	118	125	137	145.6	124	132	144	153	130	138	151	160.3	134	143	156	166				
<b>1225</b>		MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	0.94	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	26	25	22	25	25	25	21	23	23	20	20	kW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.52	3.69	3.40	3.47	3.58	3.69	3.54	3.61	3.72	3.84	3.65	3.73	3.84	3.97	Amps	10.6	10.9	11.2	11.6	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.3	13.6	14.0	14.6	14.1	14.5	14.9	15.5	14.9	15.3	15.8	16.4	HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	
<b>1400</b>		MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4	S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	0.94	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	ΔT	26	25	24	21	26	26	24	21	25	26	24	21	24	24	25	25	21	23	24	24	21	22	22	23	20	20	kW	2.93	2.99	3.08	3.17	3.14	3.20	3.30	3.40	3.32	3.39	3.49	3.60	3.78	3.48	3.56	3.66	3.78	3.62	3.70	3.81	3.93	3.74	3.82	3.94	4.06	Amps	10.9	11.2	11.5	11.9	11.8	12.0	12.4	12.9	12.8	13.1	13.5	14.0	13.6	14.0	14.4	15.0	14.5	14.9	15.4	15.9	15.4	15.7	16.3	16.9	HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	455	480	501	LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166
<b>1575</b>		MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5	S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	0.94	1.00	1.00	0.98	0.80	1.00	1.00	0.97	0.83	1.00	1.00	0.98	0.83	ΔT	24	24	23	20	24	24	23	20	23	23	23	20	22	22	23	24	20	21	22	23	20	20	20	21	19	19	kW	2.95	3.01	3.10	3.19	3.16	3.23	3.32	3.42	3.35	3.42	3.52	3.63	3.78	3.51	3.58	3.69	3.81	3.65	3.73	3.84	3.96	3.77	3.85	3.97	4.10	Amps	11.0	11.3	11.6	12.0	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	13.8	14.1	14.6	15.1	14.6	15.1	15.6	16.1	15.5	15.9	16.4	17.1	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506	LO PR	108	115	126	134	114	122	133	142	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

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

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	
<b>1400</b>	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
	kW	3.22	3.28	3.37	-	3.44	3.51	3.62	-	3.64	3.72	3.83	-	3.82	3.90	4.02	-	3.97	4.05	4.18	-	4.10	4.19	4.32	-	
	Amps	11.8	12.1	12.5	-	12.8	13.1	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.8	16.2	16.7	-	16.7	17.1	17.7	-	
	HI PR	241	259	274	-	270	291	307	-	307	331	349	-	350	377	398	-	394	424	448	-	435	468	494	-	
	LO PR	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-	
	<b>1600</b>	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
kW		3.29	3.35	3.45	-	3.52	3.59	3.70	-	3.73	3.80	3.92	-	3.91	3.99	4.12	-	4.07	4.15	4.28	-	4.20	4.29	4.42	-	
Amps		12.2	12.5	12.9	-	13.1	13.5	13.9	-	14.3	14.6	15.1	-	15.3	15.6	16.2	-	16.2	16.6	17.2	-	17.2	17.6	18.2	-	
HI PR		248	267	282	-	279	300	317	-	317	341	360	-	361	388	410	-	406	437	461	-	449	483	510	-	
LO PR		107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
<b>1800</b>		MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	3.31	3.38	3.48	-	3.55	3.62	3.73	-	3.76	3.83	3.95	-	3.94	4.02	4.15	-	4.10	4.18	4.32	-	4.23	4.32	4.46	-	
	Amps	12.3	12.6	13.0	-	13.3	13.6	14.0	-	14.4	14.8	15.3	-	15.4	15.8	16.3	-	16.4	16.8	17.4	-	17.4	17.8	18.4	-	
	HI PR	251	270	285	-	281	303	320	-	320	344	364	-	365	392	414	-	410	441	466	-	453	488	515	-	
	LO PR	108	115	125	-	114	121	132	-	119	126	138	-	125	132	145	-	130	139	152	-	135	144	157	-	

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	
<b>1400</b>	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	
	kW	3.24	3.30	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.75	3.86	3.98	3.85	3.93	4.05	4.18	4.00	4.09	4.21	4.35	4.13	4.22	4.35	4.49	
	Amps	11.9	12.2	12.6	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.8	15.4	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5	16.9	17.3	17.9	18.6	
	HI PR	243	262	276	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521	
	LO PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162	
	<b>1600</b>	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
kW		3.31	3.38	3.48	3.58	3.55	3.62	3.73	3.84	3.76	3.83	3.95	4.08	3.94	4.02	4.15	4.28	4.10	4.18	4.32	4.45	4.23	4.32	4.46	4.60	
Amps		12.3	12.6	13.0	13.5	13.3	13.6	14.0	14.6	14.4	14.8	15.3	15.8	15.4	15.8	16.3	16.9	16.4	16.8	17.4	18.0	17.4	17.8	18.4	19.1	
HI PR		251	270	285	297	281	303	320	334	320	344	364	379	365	392	414	432	410	441	466	486	453	488	515	537	
LO PR		108	115	125	134	114	121	132	141	119	126	138	147	125	132	145	154	131	139	152	161	135	144	157	167	
<b>1800</b>		MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
		S/T	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
	kW	3.34	3.40	3.50	3.61	3.58	3.65	3.76	3.87	3.79	3.86	3.98	4.11	3.97	4.06	4.18	4.31	4.13	4.22	4.35	4.49	4.27	4.36	4.50	4.64	
	Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.5	14.9	15.4	16.0	15.6	15.9	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3	
	HI PR	253	273	288	300	284	306	323	337	323	348	367	383	368	396	418	436	414	446	471	491	458	493	520	543	
	LO PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	

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

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
<b>80</b>	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
	S/T	0.88	0.83	0.67	0.5	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.6	1.01	0.95	0.77	0.58
	ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
	kW	3.26	3.33	3.42	3.5	3.49	3.56	3.67	3.78	3.70	3.77	3.89	4.0	3.88	3.96	4.08	4.21	4.03	4.12	4.25	4.4	4.17	4.25	4.39	4.53
	Amps	12.1	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	16.0	16.6	16.1	16.5	17.0	17.7	17.1	17.5	18.1	18.8
	HI PR	246	264	279	291.3	276	297	313	327	314	338	356	371.7	357	384	406	423	402	432	457	476.3	444	478	505	526
	LO PR	106	113	123	130.9	112	119	130	138	116	124	135	143.7	122	130	142	151	128	136	149	158.2	132	141	154	164
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
	S/T	0.91	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.6	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.6	1.00	0.98	0.80	0.60
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
	kW	3.34	3.40	3.50	3.6	3.58	3.65	3.76	3.87	3.79	3.86	3.98	4.1	3.97	4.06	4.18	4.31	4.13	4.22	4.35	4.5	4.27	4.36	4.50	4.64
	Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.6	14.9	15.4	16.0	15.6	15.9	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3
HI PR	253	273	288	300.3	284	306	323	337	323	348	367	383.2	368	396	419	436	414	446	471	491.1	458	493	520	543	
LO PR	109	116	127	134.9	115	123	134	143	120	127	139	148.1	126	134	146	156	132	140	153	163.1	136	145	158	169	
MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6	
S/T	0.96	0.90	0.73	0.5	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.6	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.6	1.00	1.00	0.84	0.63	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	22	19	15	20	20	18	14	
kW	3.36	3.43	3.53	3.6	3.60	3.68	3.79	3.90	3.82	3.89	4.01	4.1	4.00	4.09	4.21	4.35	4.16	4.25	4.39	4.5	4.30	4.39	4.53	4.68	
Amps	12.5	12.8	13.2	13.7	13.5	13.8	14.3	14.8	14.7	15.0	15.5	16.1	15.7	16.1	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.1	18.8	19.5	
HI PR	256	275	291	303.3	287	309	326	340	327	351	371	387.1	372	400	423	441	418	450	476	496.0	462	498	525	548	
LO PR	110	117	128	136.3	116	124	135	144	121	129	140	149.6	127	135	148	157	133	142	155	164.7	138	147	160	170	
<b>85</b>	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
	S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	23	23	20
	kW	3.29	3.35	3.45	3.55	3.52	3.59	3.70	3.81	3.73	3.80	3.92	4.04	3.91	3.99	4.11	4.24	4.07	4.15	4.28	4.42	4.20	4.29	4.42	4.56
	Amps	12.2	12.5	12.9	13.3	13.1	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.6	16.2	16.8	16.2	16.6	17.2	17.9	17.2	17.6	18.2	18.9
	HI PR	248	267	282	294	279	300	317	330	317	341	360	375	361	388	410	428	406	437	461	481	448	483	510	532
	LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	22	19
	kW	3.36	3.43	3.53	3.64	3.60	3.68	3.79	3.90	3.82	3.89	4.01	4.14	4.00	4.09	4.21	4.35	4.16	4.25	4.39	4.53	4.30	4.39	4.53	4.68
	Amps	12.5	12.8	13.2	13.7	13.5	13.8	14.3	14.8	14.7	15.0	15.5	16.1	15.7	16.1	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.1	18.8	19.5
HI PR	256	275	291	303	287	309	326	340	327	351	371	387	372	400	423	441	418	450	476	496	462	498	525	548	
LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170	
MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3	
S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.81	1.00	1.00	0.96	0.81	
ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18	
kW	3.39	3.45	3.56	3.66	3.63	3.70	3.82	3.93	3.85	3.93	4.05	4.17	4.04	4.12	4.25	4.38	4.20	4.29	4.42	4.56	4.34	4.43	4.57	4.72	
Amps	12.6	12.9	13.3	13.8	13.6	14.0	14.4	15.0	14.8	15.2	15.7	16.3	15.8	16.2	16.8	17.4	16.9	17.3	17.9	18.5	17.9	18.3	18.9	19.7	
HI PR	258	278	294	306	290	312	330	344	330	355	375	391	376	404	427	445	423	455	480	501	467	503	531	553	
LO PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	134	143	156	166	139	148	162	172	

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

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	
<b>70</b>	AIRFLOW	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	kW	4.03	4.11	4.24	-	4.33	4.42	4.56	-	4.60	4.70	4.85	-	4.83	4.94	5.10	-	5.03	5.14	5.31	-	5.21	5.32	5.49	-	
	Amps	15.2	15.6	16.1	-	16.5	16.9	17.5	-	18.0	18.4	19.0	-	19.2	19.7	20.4	-	20.5	21.0	21.7	-	21.7	22.3	23.0	-	
	HI PR	259	279	294	-	291	313	330	-	331	356	376	-	376	405	428	-	423	456	481	-	468	504	532	-	
	LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
kW	4.03	4.11	4.24	-	4.33	4.42	4.56	-	4.60	4.70	4.85	-	4.83	4.94	5.10	-	5.03	5.14	5.31	-	5.21	5.32	5.49	-		
Amps	15.2	15.6	16.1	-	16.5	16.9	17.5	-	18.0	18.4	19.0	-	19.2	19.7	20.4	-	20.5	21.0	21.7	-	21.7	22.3	23.0	-		
HI PR	259	279	294	-	291	313	330	-	331	356	376	-	376	405	428	-	423	456	481	-	468	504	532	-		
LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-		
MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-		
S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-		
ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-		
kW	4.09	4.18	4.31	-	4.40	4.49	4.63	-	4.67	4.77	4.92	-	4.91	5.02	5.18	-	5.12	5.23	5.40	-	5.29	5.41	5.58	-		
Amps	15.5	15.9	16.4	-	16.8	17.2	17.8	-	18.3	18.8	19.4	-	19.6	20.1	20.8	-	20.9	21.4	22.1	-	22.1	22.7	23.5	-		
HI PR	264	284	300	-	296	319	337	-	337	363	383	-	384	413	436	-	432	465	491	-	477	514	542	-		
LO PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-		

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	
<b>75</b>	AIRFLOW	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
	kW	4.06	4.15	4.27	4.41	4.37	4.46	4.60	4.75	4.64	4.74	4.89	5.04	4.87	4.98	5.14	5.31	5.07	5.19	5.35	5.53	5.25	5.36	5.54	5.72	
	Amps	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	21.9	22.5	23.3	24.2	
	HI PR	262	282	297	310	294	316	334	348	334	359	379	396	380	409	432	451	428	460	486	507	473	509	537	560	
	LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	
	S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
kW	4.06	4.15	4.27	4.41	4.37	4.46	4.60	4.75	4.64	4.74	4.89	5.04	4.87	4.98	5.14	5.31	5.07	5.19	5.35	5.53	5.25	5.36	5.54	5.72		
Amps	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	21.9	22.5	23.3	24.2		
HI PR	262	282	297	310	294	316	334	348	334	359	379	396	380	409	432	451	428	460	486	507	473	509	537	560		
LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165		
MBh	57.1	58.8	63.6	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.5	50.4	51.9	56.2	60.3	46.7	48.1	52.1	55.9		
S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42		
ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10		
kW	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.62	5.34	5.45	5.63	5.82		
Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6		
HI PR	267	287	303	316	299	322	340	355	341	366	387	404	388	417	441	460	436	470	496	517	482	519	548	571		
LO PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168		

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

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
<b>1750</b>	AIRFLOW	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	Mbh	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57
	S/T	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
	ΔT	4.09	4.18	4.31	4.4	4.40	4.49	4.64	4.78	4.67	4.77	4.93	5.1	4.91	5.02	5.18	5.35	5.12	5.23	5.40	5.6	5.29	5.41	5.59	5.77
	KW	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.1	23.0	22.2	22.7	23.5	24.4
	Amps	264	284	300	313.2	297	319	337	351	337	363	383	399.7	384	413	437	455	432	465	491	512.2	477	514	543	566
	HI PR	107	114	125	133.0	114	121	132	140	118	126	137	146.0	124	132	144	153	130	138	151	160.7	134	143	156	166
	LO PR	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	Mbh	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.57
	S/T	25	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
ΔT	4.09	4.18	4.31	4.4	4.40	4.49	4.64	4.78	4.67	4.77	4.93	5.1	4.91	5.02	5.18	5.35	5.12	5.23	5.40	5.6	5.29	5.41	5.59	5.77	
KW	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.1	23.0	22.2	22.7	23.5	24.4	
Amps	264	284	300	313.2	297	319	337	351	337	363	383	399.7	384	413	437	455	432	465	491	512.2	477	514	543	566	
HI PR	270	290	306	319.5	302	326	344	358	344	370	391	407.7	392	422	445	464	441	474	501	522.4	487	524	553	577	
LO PR	110	117	127	135.6	116	123	135	143	120	128	140	148.9	126	135	147	156	133	141	154	163.9	137	146	159	170	
Mbh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2	
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21	
KW	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.63	5.34	5.45	5.63	5.82	
Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6	
HI PR	267	287	303	316	300	322	340	355	341	367	387	404	388	417	441	460	436	470	496	517	482	519	548	572	
LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
Mbh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2	
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21	
KW	4.13	4.21	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.40	5.16	5.27	5.44	5.63	5.34	5.45	5.63	5.82	
Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.3	23.2	22.4	22.9	23.7	24.6	
HI PR	267	287	303	316	300	322	340	355	341	367	387	404	388	417	441	460	436	470	496	517	482	519	548	572	
LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
Mbh	59.1	60.3	63.1	67.3	57.7	58.8	61.6	65.8	56.4	57.4	60.2	64.2	55.0	56.0	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1	
S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.77	1.00	1.00	0.96	0.78	
ΔT	23	23	22	19	24	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18	
KW	4.19	4.28	4.41	4.55	4.51	4.60	4.75	4.90	4.79	4.89	5.05	5.21	5.03	5.14	5.31	5.49	5.24	5.36	5.53	5.72	5.42	5.55	5.73	5.92	
Amps	16.0	16.4	16.9	17.5	17.3	17.7	18.3	19.0	18.8	19.3	19.9	20.7	20.1	20.7	21.4	22.2	21.5	22.0	22.8	23.7	22.8	23.4	24.2	25.1	
HI PR	272	293	309	323	305	329	347	362	347	374	395	412	396	426	450	469	445	479	506	528	492	529	559	583	
LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171	

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

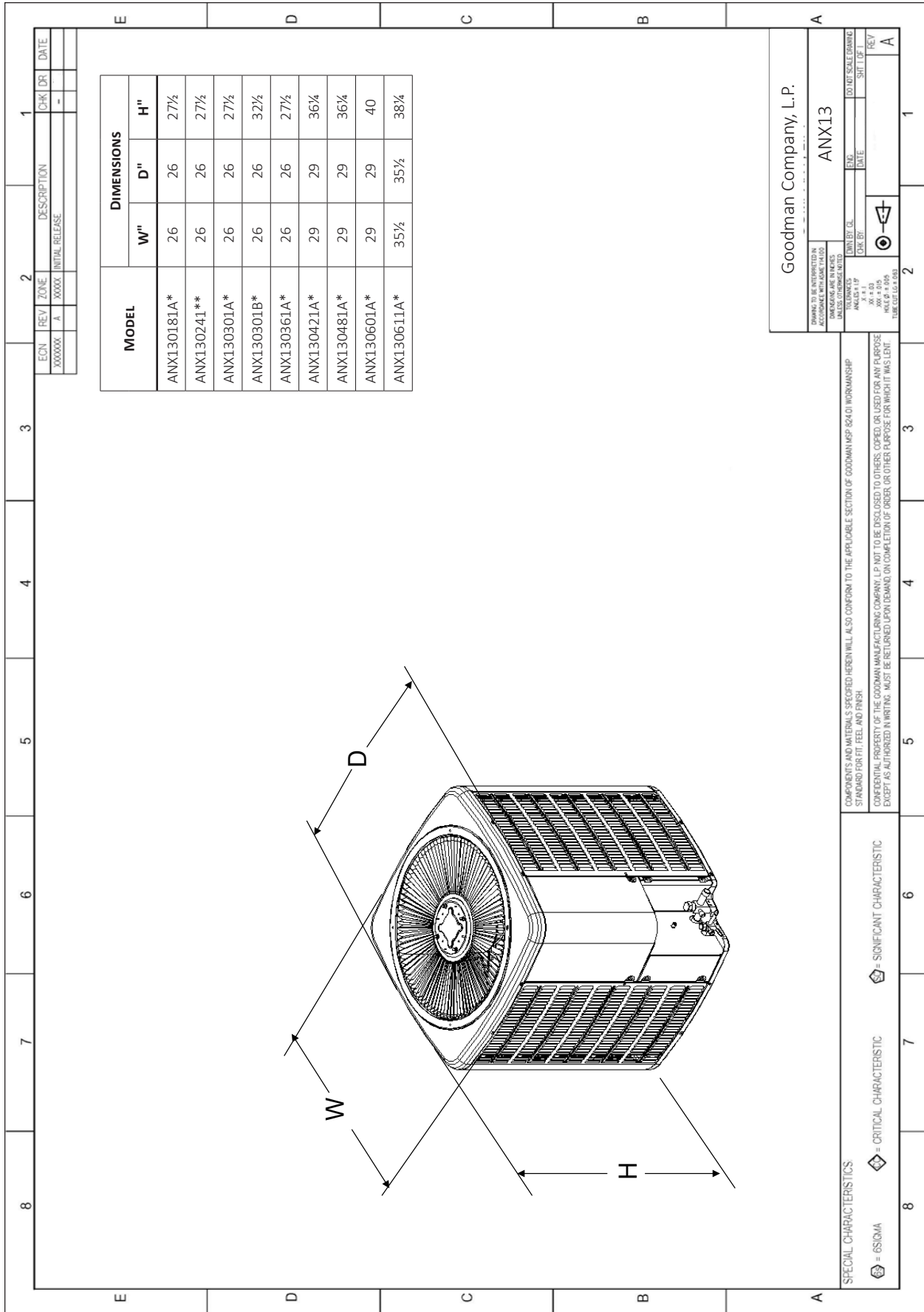
IDB		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
70	1750	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-															
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-															
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-																
	KW	4.00	4.08	4.21	-	4.31	4.40	4.54	-	4.58	4.68	4.84	-	4.82	4.93	5.09	-	5.03	5.14	5.31	-	5.20	5.32	5.50	-	5.20	5.32	5.50	-	5.20	5.32	5.50	-																
	Amps	15.5	15.9	16.4	-	16.8	17.2	17.8	-	18.3	18.8	19.4	-	19.6	20.1	20.8	-	20.9	21.4	22.2	-	22.2	22.7	23.5	-	22.2	22.7	23.5	-	22.2	22.7	23.5	-																
	HI PR	249	268	283	-	280	301	318	-	318	342	362	-	362	390	412	-	408	439	463	-	451	485	512	-	451	485	512	-	451	485	512	-																
	LO PR	100	106	116	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	125	132	145	-	125	132	145	-	125	132	145	-																
	MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-																
	S/T	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.62	0.43	-	0.75	0.62	0.43	-	0.75	0.62	0.43	-																
	ΔT	21	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	17	13	-	20	17	13	-	20	17	13	-																
KW	3.97	4.05	4.18	-	4.27	4.37	4.51	-	4.54	4.64	4.80	-	4.78	4.89	5.05	-	4.99	5.10	5.27	-	5.16	5.28	5.45	-	5.16	5.28	5.45	-	5.16	5.28	5.45	-																	
Amps	15.4	15.8	16.3	-	16.7	17.1	17.7	-	18.1	18.6	19.2	-	19.4	19.9	20.6	-	20.7	21.2	22.0	-	22.0	22.5	23.3	-	22.0	22.5	23.3	-	22.0	22.5	23.3	-																	
HI PR	247	266	281	-	277	298	315	-	315	339	358	-	359	386	408	-	404	434	459	-	446	480	507	-	446	480	507	-	446	480	507	-																	
LO PR	99	105	115	-	104	111	121	-	108	115	126	-	114	121	132	-	119	127	138	-	123	131	143	-	123	131	143	-	123	131	143	-																	
MBh	55.6	57.7	63.2	-	54.3	56.3	61.7	-	53.0	55.0	60.2	-	51.8	53.6	58.8	-	49.2	51.0	55.8	-	45.5	47.2	51.7	-	45.5	47.2	51.7	-	45.5	47.2	51.7	-																	
S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-																	
ΔT	16	14	10	-	16	14	10	-	16	14	10	-	16	14	11	-	16	14	10	-	15	13	10	-	15	13	10	-	15	13	10	-																	
KW	4.03	4.12	4.25	-	4.34	4.44	4.58	-	4.62	4.72	4.88	-	4.86	4.97	5.13	-	5.07	5.18	5.36	-	5.25	5.37	5.55	-	5.25	5.37	5.55	-	5.25	5.37	5.55	-																	
Amps	15.7	16.1	16.6	-	17.0	17.4	18.0	-	18.5	19.0	19.6	-	19.8	20.3	21.0	-	21.1	21.6	22.4	-	22.4	23.0	23.7	-	22.4	23.0	23.7	-	22.4	23.0	23.7	-																	
HI PR	252	271	286	-	283	304	321	-	321	346	365	-	366	394	416	-	412	443	468	-	455	490	517	-	455	490	517	-	455	490	517	-																	
LO PR	101	107	117	-	106	113	123	-	110	118	128	-	116	123	135	-	122	129	141	-	126	134	146	-	126	134	146	-	126	134	146	-																	

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																
75	1750	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	46.1	47.5	51.4	55.1																			
		S/T	0.78	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39																			
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11	22	20	16	11																				
	KW	4.03	4.12	4.25	4.39	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.04	4.86	4.97	5.14	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74	5.25	5.37	5.55	5.74																				
	Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	19.0	19.6	20.4	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7	22.4	23.0	23.8	24.7																				
	HI PR	252	271	286	299	283	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	490	517	539	455	490	517	539																				
	LO PR	101	107	117	124	106	113	123	131	110	118	128	137	116	123	135	144	122	129	141	150	126	134	146	156	126	134	146	156																				
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5	44.7	46.1	49.9	53.5																				
	S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.33	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37	0.85	0.76	0.57	0.37																				
	ΔT	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	18	12	23	21	18	12																				
KW	4.00	4.09	4.21	4.35	4.31	4.40	4.54	4.69	4.58	4.68	4.84	5.00	4.82	4.93	5.09	5.26	5.03	5.14	5.31	5.49	5.20	5.32	5.50	5.69	5.20	5.32	5.50	5.69																					
Amps	15.5	15.9	16.5	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.2	19.6	20.1	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.4	22.2	22.7	23.5	24.4																					
HI PR	249	268	283	296	280	301	318	332	318	343	362	377	363	390	412	430	408	439	463	483	451	485	512	534	451	485	512	534																					
LO PR	100	106	116	123	105	112	122	130	109	116	127	135	115	122	133	142	120	128	140	149	125	133	145	154	125	133	145	154																					
MBh	56.6	58.3	63.1	67.7	55.3	56.9	61.6	66.1	53.9	55.5	60.1	64.5	52.6	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4	46.3	47.7	51.6	55.4																					
S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39																					
ΔT	18	17	14	9	18	17	14	10	18	17	14	10	19	17	14	10	18	17	14	10	17	16	13	9	17	16	13	9																					
KW	4.06	4.15	4.28	4.42	4.38	4.47	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79	5.29	5.41	5.59	5.79																					
Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9	22.6	23.2	24.0	24.9																					
HI PR	254	274	289	302	285	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	495	522	545	460	495	522	545																					
LO PR	102	108	118	126	107	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	127	135	148	157																					

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

IDB		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°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		
<b>1750</b>	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7						
	S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.6	1.00	0.92	0.75	0.56						
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	25	23	20	16						
	kW	4.06	4.15	4.28	4.4	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.1	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.6	5.29	5.41	5.59	5.79						
	Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9						
	HI PR	254	274	289	301.6	286	307	324	338	325	349	369	384.9	370	398	420	438	416	448	473	493.1	460	495	522	545						
	LO PR	102	108	118	125.7	107	114	125	133	112	119	130	138.0	117	125	136	145	123	131	143	152.0	127	135	148	157						
	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2						
	S/T	0.81	0.76	0.62	0.5	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.5	0.89	0.83	0.68	0.51	0.92	0.87	0.70	0.5	0.93	0.87	0.71	0.53						
	ΔT	28	26	23	18	28	27	23	19	28	27	23	19	28	27	24	19	28	27	23	19	26	25	22	17						
kW	4.03	4.12	4.25	4.4	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.0	4.86	4.97	5.14	5.31	5.07	5.18	5.36	5.5	5.25	5.37	5.55	5.74							
Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	19.0	19.6	20.4	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7							
HI PR	252	271	286	298.6	283	304	321	335	321	346	365	381.0	366	394	416	434	412	443	468	488.2	455	490	517	539							
LO PR	101	107	117	124.5	106	113	123	132	110	118	128	136.7	116	123	135	144	122	129	141	150.5	126	134	146	156							
MBh	57.6	58.8	62.9	67.2	56.2	57.5	61.4	65.6	54.9	56.1	59.9	64.1	53.6	54.7	58.5	62.5	50.9	52.0	55.6	59.4	47.1	48.2	51.5	55.0							
S/T	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.6	1.00	0.93	0.76	0.56							
ΔT	20	19	17	14	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	19	18	16	13							
kW	4.10	4.18	4.32	4.5	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.1	4.94	5.06	5.22	5.40	5.16	5.27	5.45	5.6	5.34	5.46	5.64	5.84							
Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.1	22.8	23.7	22.8	23.4	24.2	25.2							
HI PR	257	277	292	305	288	310	328	342	328	353	373	388.7	373	402	424	443	420	452	477	498.0	464	500	528	550							
LO PR	103	109	119	127.0	108	115	126	134	113	120	131	139.4	118	126	137	146	124	132	144	153.5	128	137	149	159							
MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4							
S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72							
ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21							
kW	4.10	4.19	4.32	4.46	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.12	4.95	5.06	5.22	5.40	5.16	5.27	5.45	5.63	5.34	5.46	5.64	5.84							
Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.1	22.8	23.7	22.8	23.4	24.2	25.2							
HI PR	257	277	292	305	288	310	328	342	328	353	373	389	374	402	424	443	420	452	478	498	464	500	528	550							
LO PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	138	146	124	132	144	153	128	137	149	159							
MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8							
S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.77	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.98	0.94	0.85	0.69							
ΔT	29	29	27	24	30	29	28	24	30	29	28	24	30	30	28	24	30	29	28	24	28	27	26	22							
kW	4.06	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79							
Amps	15.8	16.2	16.8	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9							
HI PR	254	274	289	302	286	307	324	338	325	349	369	385	370	398	420	438	416	448	473	493	460	495	522	545							
LO PR	102	108	118	126	107	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157							
MBh	58.6	59.7	62.5	66.7	57.2	58.3	61.1	65.2	55.9	56.9	59.6	63.6	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6							
S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73							
ΔT	22	21	20	17	22	22	20	18	22	22	20	18	22	22	21	18	21	21	20	18	20	20	19	16							
kW	4.13	4.22	4.35	4.49	4.45	4.55	4.70	4.85	4.74	4.84	5.00	5.17	4.99	5.10	5.27	5.45	5.20	5.32	5.49	5.68	5.38	5.51	5.69	5.89							
Amps	16.1	16.5	17.1	17.7	17.5	17.9	18.5	19.2	19.0	19.5	20.2	20.9	20.4	20.9	21.6	22.4	21.7	22.3	23.0	23.9	23.0	23.6	24.4	25.4							
HI PR	260	279	295	308	291	313	331	345	331	356	376	393	377	406	429	447	424	457	482	503	469	505	533	556							
LO PR	104	110	120	128	110	117	127	135	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160							

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



MODEL	W"	D"	H"
ANX130181A *	26	26	27½
ANX130241 **	26	26	27½
ANX130301A *	26	26	27½
ANX130301B *	26	26	32½
ANX130361A *	26	26	27½
ANX130421A *	29	29	36%
ANX130481A *	29	29	36%
ANX130601A *	29	29	40
ANX130611A *	35½	35½	38%

ECON	REV	ZONE	DESCRIPTION	CHK'DR	DATE
XXXXXX	A	XXXXX	INITIAL RELEASE	-	

DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100 AND Y14.101 UNLESS OTHERWISE NOTED		TOLERANCES UNLESS OTHERWISE NOTED	
SCALE	AS SHOWN	DATE	DATE
REV	DATE	REV	DATE
DO NOT SCALE DRAWING		SHEET OF	
SHEET OF		SHEET OF	

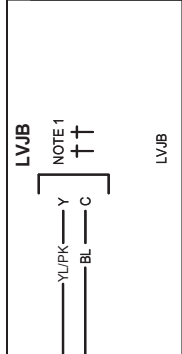
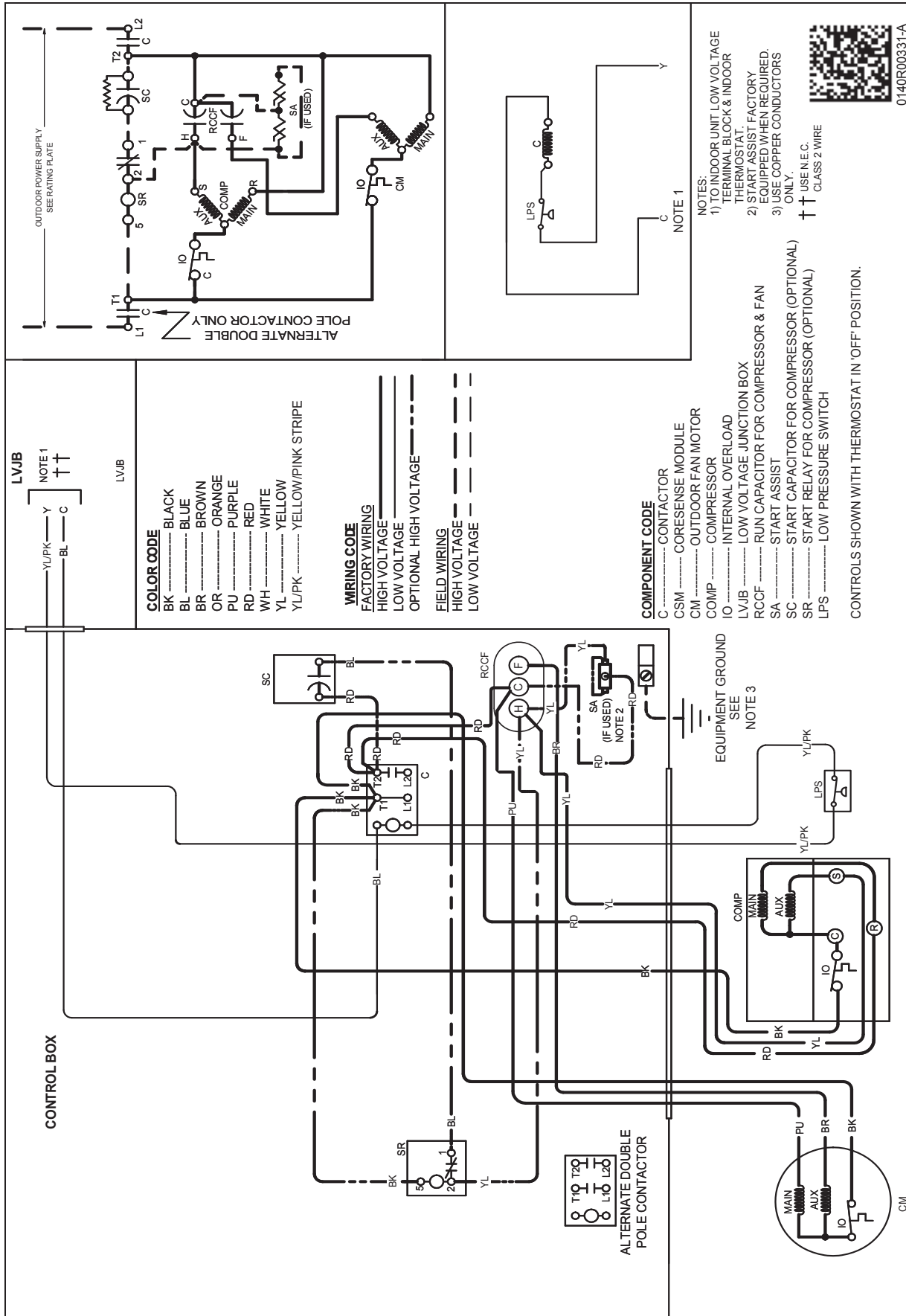
COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.0 WORKMANSHIP STANDARD FOR FIT, FEEL, AND FINISH.

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SPECIAL CHARACTERISTICS	◆ = CRITICAL CHARACTERISTIC
◆ = 6S/QMA	◆ = SIGNIFICANT CHARACTERISTIC

Goodman Company, L.P.  
ANX13



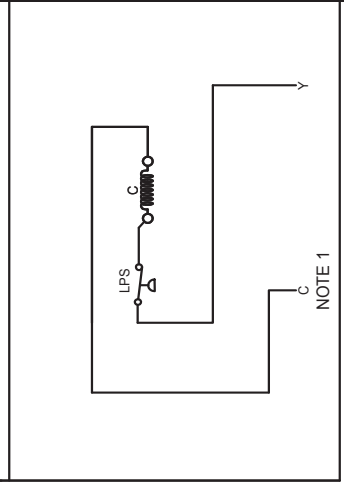
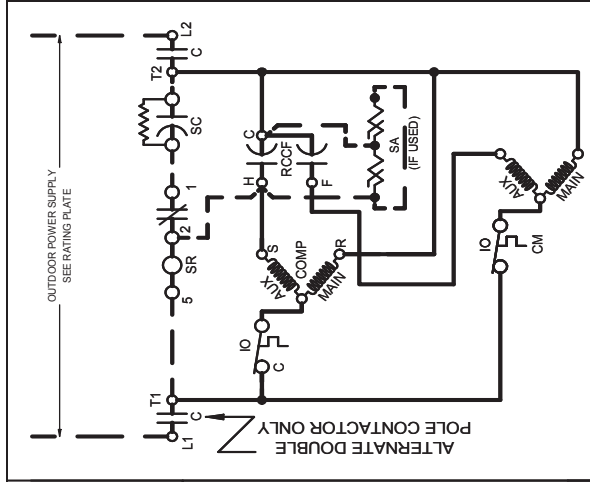


- COLOR CODE**
- BK ..... BLACK
  - BL ..... BLUE
  - BR ..... BROWN
  - OR ..... ORANGE
  - PU ..... PURPLE
  - RD ..... RED
  - WH ..... WHITE
  - YL ..... YELLOW
  - YL/PK ..... YELLOW/PINK STRIPE

- WIRING CODE**
- FACTORY WIRING
  - HIGH VOLTAGE
  - LOW VOLTAGE
  - OPTIONAL HIGH VOLTAGE
  - FIELD WIRING
  - HIGH VOLTAGE
  - LOW VOLTAGE

- COMPONENT CODE**
- C ..... CONTACTOR
  - CSM ..... CORESENSE MODULE
  - CM ..... OUTDOOR FAN MOTOR
  - COMP ..... COMPRESSOR
  - IO ..... INTERNAL OVERLOAD
  - LVJB ..... LOW VOLTAGE JUNCTION BOX
  - RCCF ..... RUN CAPACITOR FOR COMPRESSOR & FAN
  - SA ..... START ASSIST ONLY
  - SC ..... START CAPACITOR FOR COMPRESSOR (OPTIONAL)
  - SR ..... START RELAY FOR COMPRESSOR (OPTIONAL)
  - LPS ..... LOW PRESSURE SWITCH

CONTROLS SHOWN WITH THERMOSTAT IN 'OFF' POSITION.



- NOTES:**
- 1) TO INDOOR UNIT LOW VOLTAGE TERMINAL BLOCK & INDOOR THERMOSTAT
  - 2) START ASSIST FACTORY EQUIPPED WHEN REQUIRED
  - 3) USE COPPER CONDUCTORS ONLY
- †† USE N.E.C. CLASS 2 WIRE



0140R00331-A

**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.





MODEL	DESCRIPTION	ANX13 018**	ANX13 024**	ANX13 030**	ANX13 036**	ANX13 042**	ANX13 048**	ANX13 060**	ANX13 061**
ABK-20	Anchor Bracket Kit <sup>^</sup>		X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit <sup>^</sup>	X							
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X				
CSR-U-2	Hard-start Kit					X	X	X	X
CSR-U-3	Hard-start Kit						X	X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X	X	X	X
LSK02A <sup>2</sup>	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X
O130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X
TX2N4A <sup>2</sup>	TXV Kit	X	X						
TX3N4 <sup>2</sup>	TXV Kit			X	X				
TX5N4 <sup>2</sup>	TXV Kit					X	X	X	X

<sup>^</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.

**All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.**