

COOLING CAPACITY: 18,000 - 57,000 BTU/H

**HIGH-EFFICIENCY
 SPLIT SYSTEM AIR CONDITIONER
 UP TO 16 SEER**



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Standard Features

- High-efficiency Copeland® scroll compressor
- Copeland CoreSense diagnostics
- High-density foam compressor sound blanket
- Single-speed PSC condenser fan motor
- Factory-installed filter drier
- Factory-installed high- and low-pressure switches
- Copper tube/ enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with sound control top
- Baked-on powder-paint finish
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.










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. To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

	A	S	X	16	036	1	AA		
	1	2	3	4,5	6,7,8	9	10,11		
Brand	A Amana® Brand						Engineering *		
							Major/ Minor Revisions		
							* Not used for order or inventory control.		
Product Category	S Split System						Electrical		
	N Nominal Split System						1- 208/230 V, 1 Phase, 60 Hz		
Unit Type	X Condenser R-410A						Nominal Capacity		
	Z Heat Pump R-410A						018 1½ Tons	031 2½ Tons	048 4 Tons
							024 2 Tons	036 3 Tons	060 5 Tons
							025 2 Tons	037 3 Tons	061 5 Tons
							030 2½ Tons	042 3½ Tons	(high capacity)
Efficiency	13 13 SEER		16 16 SEER						
	14 14 SEER		18 18 SEER						

	ASX16 0181F*	ASX16 0241F*	ASX16 0301F*	ASX16 0311A*	ASX16 0361F*	ASX16 0371A*	ASX16 0421F*	ASX16 0481F*	ASX16 0601F*
CAPACITIES									
Nominal Cooling (BTU/h)	18,000	23,600	29,000	30,000	34,800	36,000	42,000	45,500	54,000
Decibels	71.5	71.5	71.5	71.5	71.5	73	73	73	73
COMPRESSOR									
RLA	9.0	13.5	12.8	12.8	14.1	15.4	17.9	17.9	21.4
LRA	46	58.3	64	64	77	83.9	112	112	135
CONDENSER FAN MOTOR									
Horsepower (RPM)	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/4	1/3
FLA	1.10	1.10	1.10	0.95	1.10	0.95	1.10	1.3	2.80
REFRIGERATION SYSTEM									
Refrigerant Line Size ¹									
Liquid Line Size ("O.D.)	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"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
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"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	78	70	78	94	94	93	110	121	237
ELECTRICAL DATA									
Voltage (Single-Phase, 60 Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity ²	12.4	18.0	17.1	17.0	18.7	20.2	23.5	23.7	29.6
Max. Overcurrent Protection ³	20	30	25	25	30	35	40	40	50
Min / Max Volts	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"
EQUIPMENT WEIGHT (LBS)	145	142	149	161	162	182	206	219	279
SHIP WEIGHT (LBS)	163	160	167	179	180	204	228	241	301
ENERGY STAR® CERTIFIED [^]									

[^] Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR® requirements.

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

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

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

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1/2" adapters for suction line connections (5-ton units only).
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

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	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	0.68	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	-	0.78	0.66	0.45	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
	kW	1.18	1.20	1.23	-	1.26	1.28	1.31	-	1.32	1.35	1.38	-	1.38	1.41	1.45	-	1.43	1.46	1.50	-	1.47	1.50	1.54	-
	Amps	4.3	4.3	4.5	-	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.2	5.4	5.5	-	5.6	5.7	5.9	-	5.9	6.0	6.2	-
	HI PR	199	214	226	-	223	240	254	-	254	273	289	-	289	311	329	-	326	350	370	-	360	387	409	-
	LO PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-
	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	0.71	0.59	0.41	-	0.73	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	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
kW	1.21	1.23	1.26	-	1.28	1.31	1.34	-	1.35	1.38	1.41	-	1.41	1.44	1.48	-	1.46	1.49	1.53	-	1.51	1.54	1.58	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	
HI PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	381	-	371	399	421	-	
LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-	
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	0.71	0.59	0.41	-	0.73	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	17	14	11	-	17	14	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-	
kW	1.21	1.23	1.26	-	1.28	1.31	1.34	-	1.35	1.38	1.41	-	1.41	1.44	1.48	-	1.46	1.49	1.53	-	1.51	1.54	1.58	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	
HI PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	381	-	371	399	421	-	
LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-	

75	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	0.78	0.69	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	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
	kW	1.19	1.21	1.24	1.28	1.27	1.29	1.32	1.36	1.33	1.36	1.39	1.43	1.39	1.42	1.46	1.50	1.44	1.47	1.51	1.55	1.48	1.51	1.56	1.60
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5
	HI PR	201	216	229	238	226	243	257	268	257	276	292	304	292	315	332	347	329	354	374	390	363	391	413	431
	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
	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	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
kW	1.21	1.24	1.27	1.30	1.29	1.32	1.35	1.39	1.36	1.39	1.42	1.46	1.42	1.45	1.49	1.53	1.47	1.50	1.54	1.59	1.52	1.55	1.59	1.64	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7	
HI PR	207	223	236	246	233	250	264	276	265	285	301	314	301	324	343	357	339	365	385	402	375	403	426	444	
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	
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	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
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	1.21	1.24	1.27	1.30	1.29	1.32	1.35	1.39	1.36	1.39	1.42	1.46	1.42	1.45	1.49	1.53	1.47	1.50	1.54	1.59	1.52	1.55	1.59	1.64	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7	
HI PR	207	223	236	246	233	250	264	276	265	285	301	314	301	324	343	357	339	365	385	402	375	403	426	444	
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	

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																																																																																																																																																	
525		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	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.6	0.98	0.92	0.75	0.56	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15	kW	1.20	1.22	1.25	1.3	1.27	1.30	1.33	1.37	1.34	1.37	1.40	1.4	1.40	1.43	1.47	1.51	1.45	1.48	1.52	1.6	1.49	1.52	1.57	1.61	Amps	4.3	4.4	4.6	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.3	5.5	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.5	HI PR	203	219	231	240.8	228	245	259	270	259	279	295	307.3	295	318	336	350	332	358	378	393.8	367	395	417	435	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
650		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	0.88	0.83	0.67	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	0.77	0.58	ΔT	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14	kW	1.22	1.24	1.28	1.3	1.30	1.32	1.36	1.40	1.37	1.40	1.43	1.5	1.43	1.46	1.50	1.54	1.48	1.51	1.56	1.6	1.53	1.56	1.60	1.65	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.1	6.3	6.5	6.7	HI PR	209	225	238	248.3	235	253	267	279	267	288	304	316.9	304	328	346	361	343	369	389	406.0	378	407	430	449	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
675		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	0.88	0.83	0.67	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	0.77	0.58	ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	18	14	20	19	17	13	kW	1.22	1.24	1.28	1.3	1.30	1.32	1.36	1.40	1.37	1.40	1.43	1.5	1.43	1.46	1.50	1.54	1.48	1.51	1.56	1.6	1.53	1.56	1.60	1.65	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	6.1	6.3	6.5	6.7	HI PR	209	225	238	248.3	235	253	267	279	267	288	304	316.9	304	328	346	361	343	369	389	406.0	378	407	430	449	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

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																																																																																																																																																		
525		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	0.89	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	0.72	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	26	24	24	23	20	kW	1.21	1.23	1.26	1.29	1.28	1.31	1.34	1.38	1.35	1.38	1.41	1.45	1.41	1.44	1.48	1.52	1.46	1.49	1.53	1.58	1.51	1.53	1.58	1.63	Amps	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	HI PR	205	221	233	243	230	248	262	273	262	282	298	310	298	321	339	354	336	361	381	398	371	399	421	439	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
650		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	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	23	22	19	21	21	18	kW	1.23	1.25	1.29	1.32	1.31	1.33	1.37	1.41	1.38	1.41	1.44	1.49	1.44	1.47	1.51	1.55	1.49	1.52	1.57	1.61	1.54	1.57	1.62	1.66	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.3	6.5	6.8	HI PR	212	228	240	251	237	255	270	281	270	291	307	320	308	331	349	364	346	372	393	410	382	411	434	453	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	
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	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	23	22	21	18	23	23	21	19	23	23	21	19	23	23	22	19	22	22	21	18	20	20	20	17	kW	1.23	1.25	1.29	1.32	1.31	1.33	1.37	1.41	1.38	1.41	1.44	1.49	1.44	1.47	1.51	1.55	1.49	1.52	1.57	1.61	1.54	1.57	1.62	1.66	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.3	6.5	6.8	HI PR	212	228	240	251	237	255	270	281	270	291	307	320	308	331	349	364	346	372	393	410	382	411	434	453	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	

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

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	22.1	22.9	25.1	-	21.6	22.4	24.5	-	21.1	21.9	23.9	-	20.6	21.3	23.4	-	19.5	20.3	22.2	-	18.1	18.8	20.6	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	13	-	20	18	13	-	19	16	12	-
	kW	1.54	1.57	1.61	-	1.64	1.67	1.72	-	1.74	1.77	1.82	-	1.82	1.86	1.91	-	1.89	1.93	1.99	-	1.95	1.99	2.05	-
	Amps	5.7	5.8	6.0	-	6.1	6.3	6.5	-	6.6	6.8	7.0	-	7.1	7.3	7.5	-	7.5	7.7	8.0	-	8.0	8.2	8.4	-
	HI PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	381	-	371	399	421	-
	LO PR	103	109	119	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
	MBh	22.5	23.3	25.5	-	21.9	22.7	24.9	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	19.8	20.6	22.5	-	18.4	19.1	20.9	-
	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
kW	1.56	1.59	1.63	-	1.66	1.70	1.75	-	1.76	1.79	1.85	-	1.84	1.88	1.94	-	1.91	1.95	2.01	-	1.98	2.02	2.08	-	
Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.6	-	
HI PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-	
LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-	
MBh	23.2	24.1	26.4	-	22.7	23.5	25.8	-	22.2	23.0	25.2	-	21.6	22.4	24.5	-	20.5	21.3	23.3	-	19.0	19.7	21.6	-	
S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
kW	1.58	1.61	1.65	-	1.69	1.72	1.77	-	1.78	1.82	1.87	-	1.87	1.91	1.97	-	1.94	1.98	2.04	-	2.01	2.05	2.11	-	
Amps	5.9	6.0	6.2	-	6.3	6.5	6.7	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.8	8.0	8.2	-	8.2	8.4	8.7	-	
HI PR	213	229	242	-	239	257	272	-	272	293	309	-	310	333	352	-	348	375	396	-	385	414	437	-	
LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-	

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
75	MBh	22.5	23.2	25.1	26.9	22.0	22.6	24.5	26.3	21.4	22.1	23.9	25.6	20.9	21.5	23.3	25.0	20.9	21.5	23.3	25.0	19.9	20.5	22.1	23.8
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.80	0.61	0.39
	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	23	22	18	12
	kW	1.55	1.58	1.62	1.67	1.66	1.69	1.74	1.79	1.75	1.78	1.84	1.89	1.83	1.87	1.93	1.99	1.83	1.87	1.93	1.99	1.90	1.94	2.00	2.06
	Amps	5.7	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.3	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3	7.6	7.8	8.0	8.3
	HI PR	207	223	236	246	233	250	264	276	265	285	301	314	301	324	343	357	339	365	385	402	339	365	385	402
	LO PR	104	111	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	126	134	146	155
	MBh	22.8	23.5	25.4	27.3	22.3	23.0	24.9	26.7	21.8	22.4	24.3	26.0	21.2	21.9	23.7	25.4	20.2	20.8	22.5	24.1	18.7	19.2	20.8	22.4
	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	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	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	1.57	1.60	1.64	1.69	1.68	1.71	1.76	1.81	1.77	1.81	1.86	1.92	1.86	1.89	1.95	2.01	1.93	1.97	2.03	2.09	1.99	2.03	2.09	2.16	
Amps	5.8	6.0	6.1	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0	
HI PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452	
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	
MBh	23.6	24.3	26.3	28.3	23.1	23.8	25.7	27.6	22.5	23.2	25.1	27.0	22.0	22.6	24.5	26.3	20.9	21.5	23.3	25.0	19.3	19.9	21.6	23.1	
S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
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	1.59	1.62	1.67	1.72	1.70	1.73	1.79	1.84	1.80	1.83	1.89	1.95	1.88	1.92	1.98	2.04	1.96	2.00	2.06	2.12	2.02	2.06	2.13	2.19	
Amps	5.9	6.1	6.3	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.0	8.3	8.6	8.3	8.5	8.8	9.1	
HI PR	215	232	245	255	241	260	274	286	275	296	312	326	313	337	355	371	352	379	400	417	389	418	442	461	
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	

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																							
		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	25.5	26.4	28.9	-	24.9	25.8	28.2	-	24.3	25.2	27.6	-	23.7	24.6	26.9	-	22.5	23.3	25.6	-	20.8	21.6	23.7	-
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
	ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	1.87	1.90	1.96	-	2.00	2.04	2.10	-	2.11	2.15	2.22	-	2.21	2.26	2.32	-	2.30	2.34	2.41	-	2.37	2.42	2.49	-
	Amps	6.8	6.9	7.1	-	7.3	7.5	7.7	-	7.9	8.1	8.4	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-	9.5	9.8	10.1	-
	HI PR	214	230	243	-	240	258	272	-	272	293	310	-	310	334	353	-	349	376	397	-	386	415	438	-
	LO PR	104	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	130	138	150	-
	MBh	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.3	29.9	-	25.7	26.6	29.1	-	24.4	25.3	27.7	-	22.6	23.4	25.6	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
kW	1.91	1.95	2.00	-	2.04	2.08	2.14	-	2.16	2.20	2.27	-	2.26	2.31	2.38	-	2.35	2.40	2.47	-	2.43	2.48	2.55	-	
Amps	6.9	7.1	7.3	-	7.5	7.7	7.9	-	8.2	8.3	8.6	-	8.7	8.9	9.2	-	9.3	9.5	9.8	-	9.8	10.1	10.4	-	
HI PR	220	237	250	-	247	266	281	-	281	302	319	-	320	344	364	-	360	387	409	-	398	428	452	-	
LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
MBh	28.4	29.5	32.3	-	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.4	27.4	30.0	-	25.1	26.0	28.5	-	23.3	24.1	26.4	-	
S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	1.92	1.96	2.02	-	2.06	2.10	2.16	-	2.18	2.22	2.29	-	2.28	2.33	2.40	-	2.37	2.42	2.49	-	2.45	2.50	2.57	-	
Amps	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	9.9	10.1	10.5	-	
HI PR	222	239	253	-	249	268	283	-	284	305	322	-	323	348	367	-	364	391	413	-	402	432	456	-	
LO PR	108	115	125	-	114	121	132	-	118	126	138	-	124	132	145	-	130	139	151	-	135	143	157	-	

75	MBh	25.9	26.7	28.9	31.0	25.3	26.0	28.2	30.3	24.7	25.4	27.5	29.5	24.1	24.8	26.8	28.8	22.9	23.6	25.5	27.4	21.2	21.8	23.6	25.4
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	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	1.88	1.92	1.97	2.03	2.01	2.05	2.11	2.17	2.13	2.17	2.23	2.30	2.23	2.27	2.34	2.41	2.31	2.36	2.43	2.51	2.39	2.44	2.51	2.59
	Amps	6.8	7.0	7.2	7.5	7.4	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.0	9.4	9.1	9.3	9.6	10.0	9.6	9.9	10.2	10.6
	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	105	111	122	129	111	118	128	137	115	122	133	142	121	128	140	149	127	135	147	156	131	139	152	162
	MBh	28.1	28.9	31.3	33.6	27.4	28.2	30.5	32.8	26.8	27.5	29.8	32.0	26.1	26.9	29.1	31.2	24.8	25.5	27.6	29.7	23.0	23.6	25.6	27.5
	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	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	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	1.92	1.96	2.02	2.08	2.06	2.10	2.16	2.22	2.18	2.22	2.29	2.36	2.28	2.33	2.40	2.47	2.37	2.42	2.49	2.57	2.45	2.50	2.57	2.66	
Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3	9.9	10.2	10.5	10.9	
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	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	
MBh	28.9	29.8	32.2	34.6	28.2	29.1	31.5	33.8	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	25.5	26.3	28.5	30.5	23.7	24.4	26.4	28.3	
S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
kW	1.94	1.97	2.03	2.09	2.07	2.11	2.18	2.24	2.19	2.24	2.30	2.37	2.30	2.35	2.42	2.49	2.39	2.44	2.51	2.59	2.47	2.52	2.60	2.68	
Amps	7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.7	10.0	10.4	10.0	10.2	10.6	11.0	
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	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	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		
80	875	MBh	26.4	26.9	28.8	30.8	25.7	26.3	28.1	30.0	25.1	25.7	27.4	29.3	24.5	25.1	26.8	28.6	23.3	23.8	25.4	27.2	21.6	22.0	23.6	25.2	
		S/T	0.88	0.82	0.67	0.5	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.6	1.00	0.94	0.77	0.57	
		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	
	1000	kW	1.90	1.93	1.99	2.0	2.03	2.07	2.13	2.19	2.14	2.19	2.25	2.3	2.25	2.29	2.36	2.43	2.33	2.38	2.45	2.5	2.41	2.46	2.53	2.61	
		Amps	6.9	7.0	7.3	7.5	7.4	7.6	7.9	8.2	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.7	
		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	
	1125	LO PR	106	112	123	130.8	112	119	130	138	116	123	135	143.6	122	130	142	151	128	136	148	158.1	132	141	154	163	
		MBh	28.6	29.2	31.2	33.3	27.9	28.5	30.5	32.6	27.2	27.8	29.7	31.8	26.6	27.1	29.0	31.0	25.2	25.8	27.6	29.5	23.4	23.9	25.5	27.3	
		S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.6	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.6	1.00	0.98	0.80	0.59	
	85	875	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	1.94	1.97	2.03	2.1	2.07	2.11	2.18	2.24	2.19	2.24	2.30	2.4	2.30	2.35	2.42	2.49	2.39	2.44	2.51	2.6	2.47	2.52	2.60	2.68
			Amps	7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.7	10.0	10.4	10.0	10.2	10.6	11.0
1000		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	109	116	127	134.8	115	123	134	142	120	127	139	148.0	126	134	146	155	132	140	153	163.0	136	145	158	169	
		MBh	29.4	30.1	32.1	34.3	28.7	29.4	31.4	33.5	28.0	28.7	30.6	32.7	27.4	28.0	29.9	31.9	26.0	26.6	28.4	30.3	24.1	24.6	26.3	28.1	
1125		S/T	0.95	0.89	0.73	0.5	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.6	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.6	1.00	1.00	0.83	0.62	
		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	1.95	1.99	2.05	2.1	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.4	2.32	2.36	2.44	2.51	2.41	2.46	2.53	2.6	2.48	2.54	2.62	2.70	
85		875	Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1
			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	107	114	124	132	113	120	131	140	121	129	140	149.5	127	135	147	157	133	142	155	164.6	138	146	160	170
	1000	MBh	29.1	29.6	31.0	33.1	28.4	28.9	30.3	32.3	27.7	28.2	29.6	31.6	27.0	27.6	28.9	30.8	25.7	26.2	27.4	29.2	23.8	24.2	25.4	27.1	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	
		ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
	1125	kW	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.32	2.36	2.44	2.51	2.41	2.46	2.53	2.61	2.48	2.54	2.62	2.70	
		Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1	
		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	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170		
	85	875	MBh	26.8	27.3	28.6	30.5	26.2	26.7	28.0	29.8	25.6	26.1	27.3	29.1	24.9	25.4	26.6	28.4	23.7	24.2	25.3	27.0	22.0	22.4	23.4	25.0
			S/T	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	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
ΔT			26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	24	23	20	
1000		kW	1.91	1.95	2.00	2.06	2.04	2.08	2.14	2.21	2.16	2.20	2.27	2.34	2.26	2.31	2.38	2.45	2.35	2.40	2.47	2.55	2.43	2.48	2.55	2.63	
		Amps	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.8	10.1	10.4	10.8	
		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	
1125		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	
		MBh	29.1	29.6	31.0	33.1	28.4	28.9	30.3	32.3	27.7	28.2	29.6	31.6	27.0	27.6	28.9	30.8	25.7	26.2	27.4	29.2	23.8	24.2	25.4	27.1	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	
85		ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
		kW	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.32	2.36	2.44	2.51	2.41	2.46	2.53	2.61	2.48	2.54	2.62	2.70	
		Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1	
85	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	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170		
	MBh	29.9	30.5	31.9	34.1	29.2	29.8	31.2	33.3	28.5	29.1	30.5	32.5	27.8	28.4	29.7	31.7	26.4	27.0	28.2	30.1	24.5	25.0	26.2	27.9		
85	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81		
	ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	20	21	18		
	kW	1.97	2.00	2.06	2.12	2.10	2.15	2.21	2.28	2.23	2.27	2.34	2.41	2.33	2.38	2.45	2.53	2.43	2.48	2.55	2.63	2.50	2.56	2.64	2.72		
85	Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.5	8.7	8.9	9.3	9.0	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.4	10.8	11.2		
	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	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172		

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

IDB		Outdoor Ambient Temperature																																			
		65					75					85					95					105					115										
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75						
		Entering Indoor Wet Bulb Temperature																																			
		Airflow																																			
875	MBh	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-	21.0	21.4	22.3	-	19.3	19.7	20.6	-	17.6	18.0	18.9	-
	S/T	0.62	0.54	0.40	-	0.63	0.55	0.41	-	0.65	0.57	0.44	-	0.67	0.59	0.46	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-	1.00	0.67	0.53	-	1.00	0.67	0.53	-	1.00	0.67	0.53	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-
	kW	1.67	1.67	1.67	-	1.86	1.86	1.86	-	2.07	2.07	2.07	-	2.30	2.30	2.30	-	2.55	2.55	2.55	-	2.85	2.85	2.85	-	3.15	3.15	3.15	-	3.45	3.45	3.45	-	3.75	3.75	3.75	-
	Amps	6.0	6.0	6.0	-	6.9	6.8	6.8	-	7.8	7.8	7.8	-	8.9	8.8	8.8	-	10.0	10.0	10.0	-	11.4	11.4	11.4	-	12.8	12.8	12.8	-	14.2	14.2	14.2	-	15.6	15.6	15.6	-
	Hi/PR	241	242	244	-	280	281	282	-	319	321	322	-	362	363	365	-	409	410	412	-	458	459	461	-	507	508	510	-	556	557	559	-	605	606	608	-
Lo/PR	123	125	128	-	130	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	159	-	163	164	167	-	170	171	174	-	177	178	181	-	
1000	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-	22.6	23.0	23.9	-	21.1	21.5	22.4	-	19.6	20.0	20.9	-
	S/T	0.68	0.60	0.47	-	0.69	0.61	0.47	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-	1.00	0.73	0.59	-				
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	18	17	13	-	18	17	13	-	18	17	13	-				
	kW	1.68	1.68	1.68	-	1.87	1.87	1.87	-	2.08	2.08	2.08	-	2.31	2.31	2.31	-	2.56	2.56	2.56	-	2.86	2.86	2.86	-	3.16	3.16	3.16	-	3.46	3.46	3.46	-				
	Amps	6.0	6.0	6.0	-	6.9	6.9	6.9	-	7.9	7.9	7.8	-	8.9	8.9	8.9	-	10.1	10.1	10.0	-	11.4	11.4	11.4	-	12.8	12.8	12.8	-	14.2	14.2	14.2	-				
	Hi/PR	243	245	246	-	282	283	284	-	322	323	324	-	364	366	367	-	411	412	414	-	460	461	463	-	509	510	512	-	558	559	561	-				
Lo/PR	125	126	129	-	132	134	137	-	139	140	144	-	144	146	149	-	150	151	154	-	157	158	161	-	164	165	168	-	171	172	175	-					
1125	MBh	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-	23.2	23.6	24.5	-	21.8	22.2	23.1	-				
	S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.77	0.63	-	1.00	0.77	0.63	-								
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	17	16	12	-	17	16	12	-								
	kW	1.69	1.69	1.69	-	1.88	1.88	1.88	-	2.09	2.09	2.09	-	2.32	2.32	2.31	-	2.57	2.57	2.57	-	2.87	2.87	2.87	-	3.17	3.17	3.17	-								
	Amps	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.9	7.9	7.9	-	8.9	8.9	8.9	-	10.1	10.1	10.1	-	11.5	11.5	11.4	-	12.9	12.9	12.9	-								
	Hi/PR	245	247	248	-	284	285	286	-	323	325	326	-	366	368	369	-	413	414	416	-	462	463	465	-	511	512	514	-								
Lo/PR	127	128	131	-	134	136	139	-	141	142	146	-	146	148	151	-	152	153	156	-	159	160	163	-	166	167	170	-									
875	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3												
	S/T	0.75	0.68	0.54	0.39	0.76	0.68	0.54	0.40	1.00	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.52												
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16												
	kW	1.67	1.67	1.67	1.68	1.86	1.86	1.86	1.87	2.07	2.07	2.07	2.08	2.30	2.30	2.29	2.31	2.55	2.55	2.55	2.56	2.85	2.85	2.85	2.86												
	Amps	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	8.9	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.4												
	Hi/PR	242	243	244	249	280	281	282	287	320	321	322	327	363	364	365	370	409	410	412	416	458	459	461	465												
Lo/PR	123	125	128	133	131	132	135	140	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165													
1000	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7												
	S/T	0.81	0.74	0.60	0.45	0.82	0.74	0.60	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.73	0.58												
	ΔT	23	21	18	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	24	22	18	15												
	kW	1.68	1.68	1.68	1.69	1.87	1.87	1.87	1.88	2.08	2.08	2.08	2.09	2.31	2.31	2.30	2.32	2.56	2.56	2.56	2.57	2.86	2.86	2.86	2.87												
	Amps	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.9	7.8	7.8	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.0	10.1	11.4	11.4	11.4	11.5												
	Hi/PR	244	245	246	251	282	283	285	289	322	323	324	329	365	366	367	372	411	412	414	418	460	462	463	467												
Lo/PR	125	126	129	135	132	134	137	142	139	140	144	149	144	146	149	154	150	151	155	160	157	158	161	167													
1125	MBh	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2												
	S/T	0.85	0.77	0.63	0.49	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.76	0.61												
	ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14												
	kW	1.69	1.69	1.69	1.70	1.88	1.88	1.87	1.89	2.09	2.09	2.08	2.10	2.32	2.32	2.31	2.33	2.57	2.57	2.57	2.58	2.87	2.87	2.86	2.88												
	Amps	6.1	6.1	6.0	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	9.0	10.1	10.1	10.1	10.1	11.5	11.5	11.4	11.5												
	Hi/PR	246	247	248	253	284	285	287	291	324	325	326	331	367	368	369	374	413	414	416	420	462	464	465	469												
Lo/PR	127	128	132	137	134	136	139	144	141	142	146	151	146	148	151	156	152	153	157	162	159	160	163	169													

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

IDB		Outdoor Ambient Temperature												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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80	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419

EXPANDED COOLING DATA — ASX160361F* / CA*F4860*6D*+TXV

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	1050	MBh	30.6	31.7	34.7	-	29.8	30.9	33.9	-	29.1	30.2	33.1	-	28.4	29.5	32.3	-	27.0	28.0	30.7	-	25.0	25.9	28.4	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
	kW	2.23	2.27	2.34	-	2.39	2.44	2.51	-	2.53	2.58	2.66	-	2.65	2.70	2.79	-	2.75	2.81	2.90	-	2.84	2.90	2.99	-	
	Amps	8.1	8.3	8.5	-	8.7	8.9	9.2	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.1	11.4	-	11.5	11.7	12.1	-	
	HI PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	407	-	396	426	450	-	
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	
	1200	MBh	33.1	34.3	37.6	-	33.3	33.5	36.7	-	31.6	32.7	35.8	-	30.8	31.9	35.0	-	29.3	30.3	33.2	-	27.1	28.1	30.8	-
		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	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
kW	2.28	2.33	2.39	-	2.44	2.49	2.57	-	2.59	2.64	2.72	-	2.71	2.77	2.85	-	2.82	2.88	2.97	-	2.91	2.97	3.07	-		
Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.8	10.0	10.3	-	10.4	10.7	11.1	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-		
HI PR	226	243	257	-	254	273	288	-	288	310	328	-	329	354	373	-	370	398	420	-	408	440	464	-		
LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-		
1350	MBh	34.1	35.3	38.7	-	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.0	-	30.1	31.2	34.2	-	27.9	28.9	31.7	-	
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-		
kW	2.30	2.34	2.41	-	2.46	2.51	2.59	-	2.61	2.66	2.74	-	2.73	2.79	2.88	-	2.84	2.90	2.99	-	2.94	3.00	3.09	-		
Amps	8.4	8.6	8.9	-	9.1	9.3	9.6	-	9.9	10.1	10.4	-	10.5	10.8	11.2	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-		
HI PR	228	246	259	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-		
LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-		

75	1050	MBh	31.1	32.0	34.6	37.2	30.4	31.3	33.8	36.3	29.6	30.5	33.0	35.4	28.9	29.8	32.2	34.6	27.5	28.3	30.6	32.8	25.4	26.2	28.4	30.4
		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	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11	
	kW	2.25	2.29	2.36	2.43	2.41	2.45	2.53	2.60	2.55	2.60	2.68	2.76	2.67	2.73	2.81	2.90	2.78	2.83	2.92	3.01	2.87	2.93	3.02	3.11	
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.9	11.3	10.9	11.2	11.6	12.0	11.6	11.9	12.3	12.7	
	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	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	
	1200	MBh	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.1	35.8	38.4	31.3	32.2	34.9	37.5	29.8	30.6	33.2	35.6	27.6	28.4	30.7	33.0
		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	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11	
kW	2.30	2.34	2.41	2.48	2.46	2.51	2.59	2.67	2.61	2.66	2.74	2.83	2.73	2.79	2.88	2.97	2.84	2.90	2.99	3.09	2.94	3.00	3.09	3.19		
Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1		
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	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166		
1350	MBh	34.7	35.7	38.6	41.5	33.9	34.9	37.7	40.5	33.1	34.0	36.9	39.6	32.3	33.2	36.0	38.6	30.6	31.6	34.2	36.7	28.4	29.2	31.6	34.0	
	S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
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	2.32	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.76	2.85	2.76	2.81	2.90	2.99	2.86	2.93	3.02	3.11	2.96	3.02	3.12	3.22		
Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2		
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	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
 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
80	MBh	31.6	32.3	34.5	36.9	30.9	31.6	33.7	36.1	30.2	30.8	32.9	35.2	29.4	30.1	32.1	34.3	28.0	28.6	30.5	32.6	25.9	26.5	28.3	30.2
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
	kW	2.26	2.31	2.38	2.45	2.42	2.47	2.55	2.62	2.57	2.62	2.70	2.78	2.69	2.75	2.83	2.92	2.80	2.86	2.94	3.04	2.89	2.95	3.04	3.14
	Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.7	9.9	10.2	10.6	10.3	10.6	11.0	11.4	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.8
	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	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	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.1	32.7	33.4	35.7	38.1	31.9	32.6	34.8	37.2	30.3	30.9	33.1	35.3	28.1	28.7	30.6	32.7
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	24	21	16	23	23	20	16	21	22	19	15
kW	2.32	2.36	2.43	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.76	2.85	2.76	2.81	2.90	2.99	2.87	2.93	3.02	3.11	2.96	3.02	3.12	3.22	
Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2	
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	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
MBh	35.3	36.1	38.5	41.2	34.5	35.2	37.6	40.2	33.7	34.4	36.7	39.3	32.8	33.5	35.8	38.3	31.2	31.9	34.1	36.4	28.9	29.5	31.5	33.7	
S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	
ΔT	23	22	19	15	23	22	20	16	23	23	20	16	22	23	20	16	21	22	19	16	20	20	18	15	
kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.78	2.87	2.78	2.84	2.92	3.02	2.89	2.95	3.04	3.14	2.98	3.05	3.14	3.24	
Amps	8.5	8.7	9.0	9.4	9.2	9.5	9.8	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3	
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	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
85	MBh	32.2	32.8	34.4	36.7	31.4	32.0	33.6	35.8	30.7	31.3	32.8	34.9	29.9	30.5	32.0	34.1	28.4	29.0	30.4	32.4	26.3	26.9	28.1	30.0
	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	26	26	24	21	27	26	25	21	27	26	25	21	26	26	25	22	25	25	25	21	23	24	23	20
	kW	2.28	2.33	2.39	2.46	2.44	2.49	2.57	2.64	2.59	2.64	2.72	2.80	2.71	2.77	2.85	2.94	2.82	2.88	2.97	3.06	2.91	2.97	3.07	3.16
	Amps	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.8	10.0	10.3	10.7	10.4	10.7	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0
	Hi PR	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	484
	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
	MBh	34.9	35.5	37.2	39.7	34.1	34.7	36.4	38.8	33.2	33.9	35.5	37.9	32.4	33.1	34.6	36.9	30.8	31.4	32.9	35.1	28.5	29.1	30.5	32.5
	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	0.78	1.00	1.00	0.96	0.78
	ΔT	26	25	24	21	26	26	24	21	25	26	24	21	25	25	24	21	24	24	24	21	22	22	22	19
kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.78	2.87	2.78	2.84	2.92	3.02	2.89	2.95	3.04	3.14	2.98	3.05	3.14	3.24	
Amps	8.5	8.7	9.0	9.4	9.2	9.5	9.8	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3	
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	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
MBh	35.9	36.6	38.3	40.9	35.1	35.8	37.4	40.0	34.2	34.9	36.6	39.0	33.4	34.1	35.7	38.0	31.7	32.4	33.9	36.1	29.4	30.0	31.4	33.5	
S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	
ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	20	21	19	
kW	2.35	2.40	2.47	2.54	2.52	2.57	2.65	2.73	2.67	2.72	2.81	2.89	2.80	2.86	2.95	3.04	2.91	2.97	3.07	3.16	3.01	3.07	3.17	3.27	
Amps	8.6	8.8	9.1	9.5	9.3	9.5	9.9	10.2	10.1	10.4	10.7	11.1	10.8	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.5	13.0	13.5	
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	110	117	128	137	117	124	135	144	121	129	141	151	127	135	148	158	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
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

IDB		Outdoor Ambient Temperature															Outdoor Ambient Temperature																																		
		65					75					85					95					105					115																								
		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71																					
		Entering Indoor Wet Bulb Temperature															Entering Indoor Wet Bulb Temperature																																		
		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71																					
70	1050	36.6	37.1	38.2	-	36.3	36.8	37.9	-	35.3	35.9	37.0	-	33.7	34.2	35.3	-	31.7	32.2	33.3	-	29.8	30.4	31.5	-	36.6	37.1	38.2	-	36.3	36.8	37.9	-	35.3	35.9	37.0	-	33.7	34.2	35.3	-	31.7	32.2	33.3	-	29.8	30.4	31.5	-		
		S/T	0.60	0.53	0.39	-	0.61	0.53	0.40	-	0.63	0.56	0.42	-	0.65	0.58	0.44	-	0.67	0.60	0.46	-	1.00	0.65	0.51	-	S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.69	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.71	0.57	-
		ΔT	21	19	15	-	21	19	15	-	21	19	16	-	21	19	15	-	21	19	15	-	22	20	16	-	ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-
		kW	2.10	2.10	2.10	-	2.34	2.34	2.34	-	2.61	2.61	2.60	-	2.90	2.89	2.89	-	3.22	3.21	3.21	-	3.59	3.59	3.59	-	kW	2.12	2.11	2.11	-	2.35	2.35	2.35	-	2.62	2.62	2.61	-	2.91	2.91	2.90	-	3.23	3.23	3.22	-	3.61	3.60	3.60	-
		Amps	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-	14.4	14.4	14.4	-	Amps	7.7	7.7	7.7	-	8.8	8.8	8.7	-	10.0	10.0	10.0	-	11.3	11.3	11.3	-	12.8	12.8	12.7	-	14.5	14.5	14.5	-
		Hi PR	245	246	248	-	283	285	286	-	324	325	327	-	367	369	370	-	414	416	417	-	465	466	467	-	Hi PR	247	248	250	-	286	287	288	-	326	327	329	-	370	371	372	-	417	418	419	-	467	468	469	-
	Lo PR	118	120	123	-	126	127	130	-	132	133	136	-	137	139	142	-	143	144	147	-	149	151	154	-	Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-	
1200	1050	37.1	37.6	38.7	-	36.8	37.3	38.4	-	35.8	36.3	37.4	-	34.2	34.7	35.8	-	32.2	32.7	33.8	-	30.3	30.8	31.9	-	37.1	37.6	38.7	-	36.8	37.3	38.4	-	35.8	36.3	37.4	-	34.2	34.7	35.8	-	32.2	32.7	33.8	-	30.3	30.8	31.9	-		
		S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.69	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.71	0.57	-	S/T	0.70	0.62	0.48	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	13	-	20	18	14	-
		kW	2.12	2.11	2.11	-	2.35	2.35	2.35	-	2.63	2.63	2.62	-	2.92	2.92	2.91	-	3.24	3.24	3.23	-	3.62	3.61	3.61	-	kW	2.13	2.12	2.12	-	2.36	2.36	2.36	-	2.63	2.63	2.62	-	2.92	2.92	2.91	-	3.24	3.24	3.23	-	3.62	3.61	3.61	-
		Amps	7.7	7.7	7.7	-	8.8	8.8	8.7	-	10.0	10.0	10.0	-	11.4	11.3	11.3	-	12.8	12.8	12.8	-	14.5	14.5	14.5	-	Amps	7.7	7.7	7.7	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	11.4	11.3	11.3	-	12.8	12.8	12.8	-	14.5	14.5	14.5	-
		Hi PR	247	248	250	-	286	287	288	-	328	329	331	-	372	373	374	-	419	420	421	-	469	470	472	-	Hi PR	249	250	252	-	288	289	290	-	328	329	331	-	372	373	374	-	419	420	421	-	469	470	472	-
	Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	Lo PR	122	124	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	

IDB		Outdoor Ambient Temperature															Outdoor Ambient Temperature																																																								
		65					75					85					95					105					115																																														
		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71																																											
		Entering Indoor Wet Bulb Temperature															Entering Indoor Wet Bulb Temperature																																																								
		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71		59	63	67	71																																											
75	1050	36.6	37.2	38.3	39.9	-	36.3	36.8	37.9	39.6	-	35.4	35.9	37.0	38.6	-	33.7	34.2	35.3	37.0	-	31.7	32.2	33.3	35.0	-	36.6	37.2	38.3	39.9	-	36.3	36.8	37.9	39.6	-	35.4	35.9	37.0	38.6	-	33.7	34.2	35.3	37.0	-	31.7	32.2	33.3	35.0	-	29.9	30.4	31.5	33.2	-	30.3	30.8	31.9	33.6	-												
		S/T	0.73	0.65	0.52	0.38	-	0.74	0.66	0.53	0.38	-	0.76	0.69	0.55	0.41	-	1.00	0.70	0.57	0.43	-	1.00	0.73	0.59	0.45	-	S/T	0.79	0.71	0.58	0.44	-	0.80	0.72	0.59	0.44	-	1.00	0.75	0.61	0.47	-	1.00	0.80	0.63	0.49	-	1.00	0.79	0.65	0.51	-	1.00	0.84	0.70	0.56	-	1.00	0.78	0.64	0.50	-	1.00	0.84	0.70	0.56	-					
		ΔT	25	23	20	16	-	25	23	20	16	-	25	23	20	16	-	25	23	20	16	-	25	23	19	16	-	ΔT	24	22	18	15	-	24	22	18	15	-	24	22	19	15	-	24	22	18	15	-	24	22	18	14	-	25	23	19	16	-	25	23	19	16	-	26	24	20	17	-	26	24	20	17	-
		kW	2.10	2.10	2.10	2.11	-	2.34	2.34	2.33	2.35	-	2.61	2.60	2.60	2.62	-	2.89	2.89	2.89	2.91	-	3.22	3.21	3.21	3.23	-	kW	2.11	2.11	2.11	2.13	-	2.35	2.35	2.35	2.36	-	2.62	2.62	2.61	2.63	-	2.91	2.90	2.90	2.92	-	3.23	3.23	3.22	3.24	-	3.60	3.60	3.60	3.62	-	3.60	3.60	3.60	3.62	-	3.59	3.59	3.59	3.60	-	3.59	3.59	3.59	3.60	-
		Amps	7.6	7.6	7.6	7.7	-	8.7	8.7	8.7	8.8	-	9.9	9.9	9.9	10.0	-	11.2	11.2	11.2	11.3	-	12.7	12.7	12.7	12.8	-	Amps	7.6	7.6	7.6	7.7	-	8.8	8.8	8.7	8.8	-	10.0	10.0	10.0	10.0	-	11.3	11.3	11.3	11.4	-	12.8	12.8	12.7	12.8	-	14.5	14.5	14.5	14.5	-	14.5	14.5	14.5	14.5	-	14.4	14.4	14.4	14.5	-	14.5	14.5	14.5	14.5	-
		Hi PR	245	246	248	252	-	284	285	286	291	-	324	325	327	331	-	368	369	370	375	-	415	416	417	422	-	Hi PR	245	246	248	252	-	284	285	286	291	-	324	325	327	331	-	368	369	370	375	-	415	416	417	422	-	465	466	468	472	-	465	466	468	472	-	465	466	468	472	-					
	Lo PR	118	120	123	128	-	126	127	130	135	-	132	133	136	141	-	137	139	142	147	-	143	144	147	152	-	Lo PR	118	120	123	128	-	126	127	130	135	-	132	133	136	141	-	137	139	142	147	-	143	144	147	152	-	149	151	154	159	-	149	151	154	159	-	149	151	154	159	-	151	152	155	160	-	
1200	1050	37.1	37.6	38.7	40.4	-	36.8	37.3	38.4	40.1	-	35.8	36.4	37.5	39.1	-	34.2	34.7	35.8	37.5	-	32.2	32.7	33.8	35.5	-	37.1	37.6	38.7	40.4	-	36.8	37.3	38.4	40.1	-	35.8	36.4	37.5	39.1	-	34.2	34.7	35.8	37.5	-	32.2	32.7	33.8	35.5	-	30.4	30.9	32.0	33.6	-	30.4	30.9	32.0	33.6	-												
		S/T	0.79	0.71	0.58	0.44	-	0.80	0.72	0.59	0.44	-	1.00	0.75	0.61	0.47	-	1.00	0.80	0.63	0.49	-	1.00	0.79	0.65	0.51	-	S/T	0.82	0.75	0.61	0.47	-	0.83	0.75	0.62	0.48	-	1.00	0.78	0.64	0.50	-	1.00	0.80	0.66	0.52	-	1.00	0.82	0.69	0.54	-	1.00	0.87	0.74	0.59	-	1.00	0.87	0.74	0.59	-	1.00	0.87	0.74	0.59	-					
		ΔT	24	22	18	15	-	24	22	18	15	-	24	22	19	15	-	24	22	18	15	-	24	22	18	14	-	ΔT	23	21	17	14	-	23	21	17	14	-	23	21	18	14	-	23	21	17	14	-	23	21	17	13	-	24	22	18	15	-	24	22	18	15	-	24	22	18	15	-					
		kW	2.11	2.11	2.11	2.13	-	2.35	2.35	2.35	2.36	-	2.62	2.62	2.61	2.63	-	2.91	2.90	2.90	2.92	-	3.23	3.23	3.22	3.24																																															

IDB		Outdoor Ambient Temperature															105															115														
		65					75					85					95					105					115																			
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	85	59	63	67	71	95	59	63	67	71	105	59	63	67	71	115															
Entering Indoor Wet Bulb Temperature																																														
80	1050	Airflow	36.8	37.4	38.4	40.1	36.5	37.0	38.1	39.8	35.6	36.1	37.2	38.8	33.9	34.4	35.5	37.2	31.9	32.4	33.5	35.2	30.1	30.6	31.7	33.3	30.1	30.6	31.7	33.3																
		MBh	0.85	0.78	0.64	0.50	1.00	0.79	0.65	0.51	1.00	0.81	0.68	0.53	1.00	0.83	0.69	0.55	1.00	0.85	0.72	0.57	1.00	1.00	1.00	0.77	0.63	1.00	1.00	0.77	0.63															
		ΔT	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	24	20	30	28	25	21	30	28	25	21																
		kW	2.10	2.10	2.10	2.12	2.34	2.34	2.34	2.35	2.61	2.61	2.60	2.62	2.90	2.89	2.89	2.91	3.22	3.21	3.21	3.23	3.59	3.59	3.59	3.61	3.59	3.59	3.59	3.61																
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5	14.4	14.4	14.4	14.5																
	1200	Hi PR	245	247	248	253	284	285	287	291	325	326	327	332	368	369	371	375	415	416	418	422	465	466	468	472	465	466	468	472																
		Lo PR	119	120	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	145	148	153	150	151	154	159	150	151	154	159																
		MBh	37.3	37.8	38.9	40.6	37.0	37.5	38.6	40.3	36.0	36.6	37.6	39.3	34.4	34.9	36.0	37.7	32.4	32.9	34.0	35.7	30.5	31.1	32.2	33.8	30.5	31.1	32.2	33.8																
		S/T	0.91	0.84	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.87	0.73	0.59	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.83	0.69	1.00	1.00	0.83	0.69																
		ΔT	28	26	23	19	28	26	23	19	28	27	23	19	28	26	23	19	28	26	22	19	29	27	24	20	29	27	24	20																
1350	kW	2.12	2.11	2.11	2.13	2.35	2.35	2.35	2.37	2.62	2.62	2.61	2.63	2.91	2.91	2.91	2.93	3.24	3.23	3.22	3.24	3.61	3.60	3.60	3.62	3.61	3.60	3.60	3.62																	
	Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.7	8.8	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6	14.5	14.5	14.5	14.6																	
	Hi PR	248	249	250	255	286	287	289	293	327	328	329	334	370	371	373	377	417	418	420	424	467	468	470	474	467	468	470	474																	
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161	151	153	156	161																	
	MBh	37.9	38.4	39.5	41.2	37.6	38.1	39.2	40.9	36.6	37.1	38.2	39.9	35.0	35.5	36.6	38.2	33.0	33.5	34.6	36.2	31.1	31.6	32.7	34.4	31.1	31.6	32.7	34.4																	
85	1050	Airflow	37.5	38.0	39.1	40.7	37.1	37.6	38.7	40.4	36.2	36.7	37.8	39.5	34.5	35.0	36.1	37.8	32.5	33.0	34.1	35.8	30.7	31.2	32.3	34.0	30.7	31.2	32.3	34.0																
		MBh	1.00	0.88	0.74	0.60	1.00	0.89	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73	1.00	1.00	0.87	0.73																
		ΔT	33	31	28	24	33	31	28	24	33	32	28	24	33	31	28	24	33	31	27	24	34	32	29	25	34	32	29	25																
		kW	2.11	2.11	2.10	2.12	2.35	2.34	2.34	2.36	2.61	2.61	2.61	2.62	2.90	2.90	2.89	2.91	3.22	3.22	3.22	3.23	3.60	3.60	3.59	3.61	3.60	3.60	3.59	3.61																
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.3	11.3	11.2	11.3	12.7	12.7	12.7	12.8	14.5	14.5	14.4	14.5	14.5	14.5	14.4	14.5																
	1200	Hi PR	247	248	249	254	285	286	288	292	326	327	329	333	369	370	372	376	416	417	419	423	466	468	469	473	466	468	469	473																
		Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161	151	153	156	161																
		MBh	37.9	38.5	39.5	41.2	37.6	38.1	39.2	40.9	36.7	37.2	38.3	39.9	35.0	35.5	36.6	38.3	33.0	33.5	34.6	36.3	31.2	31.7	32.8	34.4	31.2	31.7	32.8	34.4																
		S/T	1.00	0.94	0.80	0.66	1.00	0.95	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.88	0.73	1.00	1.00	0.93	0.79	1.00	1.00	0.93	0.79																
		ΔT	32	30	27	23	32	30	26	23	32	30	27	23	32	30	26	23	32	30	26	22	33	31	27	24	33	31	27	24																
1350	kW	2.12	2.12	2.11	2.13	2.36	2.36	2.35	2.37	2.62	2.62	2.62	2.64	2.91	2.91	2.91	2.92	3.23	3.23	3.23	3.25	3.61	3.61	3.60	3.62	3.61	3.61	3.60	3.62																	
	Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.8	12.9	14.5	14.5	14.5	14.6	14.5	14.5	14.5	14.6																	
	Hi PR	249	250	251	256	287	288	290	294	328	329	331	335	371	372	374	378	418	419	421	425	469	470	471	476	469	470	471	476																	
	Lo PR	122	124	127	132	130	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163	153	155	158	163																	
	MBh	38.5	39.0	40.1	41.8	38.2	38.7	39.8	41.5	37.2	37.7	38.8	40.5	35.6	36.1	37.2	38.9	33.6	34.1	35.2	36.9	31.7	32.3	33.3	35.0	31.7	32.3	33.3	35.0																	

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	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	36.9	38.2	41.9	-	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	32.6	33.8	37.0	-	30.2	31.3	34.3	-
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.70	2.76	2.83	-	2.89	2.95	3.03	-	3.06	3.12	3.21	-	3.20	3.27	3.37	-	3.33	3.39	3.50	-	3.43	3.50	3.61	-
	Amps	9.9	10.1	10.4	-	10.7	10.9	11.3	-	11.6	11.8	12.2	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-
	HI PR	227	244	250	-	247	265	280	-	281	302	319	-	320	344	363	-	359	387	409	-	397	427	451	-
	LO PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-
	MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
	kW	2.76	2.82	2.90	-	2.96	3.02	3.10	-	3.13	3.19	3.29	-	3.28	3.34	3.45	-	3.40	3.48	3.58	-	3.51	3.59	3.70	-
	Amps	10.1	10.4	10.7	-	10.9	11.2	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.5	13.8	14.3	-	14.3	14.6	15.1	-
HI PR	227	244	258	-	254	274	289	-	289	311	329	-	329	355	374	-	371	399	421	-	409	441	465	-	
LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	
MBh	41.2	42.7	46.7	-	40.2	41.7	45.7	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	36.4	37.7	41.3	-	33.7	34.9	38.3	-	
S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
kW	2.78	2.84	2.92	-	2.98	3.04	3.13	-	3.15	3.21	3.31	-	3.30	3.37	3.47	-	3.43	3.50	3.61	-	3.54	3.62	3.73	-	
Amps	10.2	10.5	10.8	-	11.0	11.3	11.7	-	12.0	12.3	12.7	-	12.8	13.1	13.6	-	13.6	14.0	14.4	-	14.4	14.8	15.3	-	
HI PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	414	445	470	-	
LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	

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
75	MBh	37.5	38.6	41.8	44.9	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.7	33.1	34.1	36.9	39.6	30.7	31.6	34.2	36.7
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
	kW	2.72	2.78	2.86	2.94	2.91	2.97	3.06	3.15	3.08	3.14	3.23	3.33	3.23	3.29	3.39	3.50	3.35	3.42	3.53	3.64	3.46	3.53	3.64	3.76
	Amps	10.0	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.7	11.9	12.3	12.8	12.5	12.8	13.2	13.7	13.3	13.6	14.0	14.6	14.0	14.4	14.9	15.4
	HI PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	383	363	391	413	430	401	432	456	476
	LO PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
	MBh	40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	43.0	33.3	34.2	37.1	39.8
	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	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	2.78	2.84	2.92	3.01	2.98	3.04	3.13	3.22	3.15	3.21	3.31	3.41	3.30	3.37	3.47	3.58	3.43	3.50	3.61	3.72	3.54	3.62	3.73	3.85
	Amps	10.2	10.5	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1	13.6	14.0	14.4	15.0	14.4	14.8	15.3	15.9
HI PR	229	246	260	271	257	276	292	305	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	
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	41.9	43.1	46.6	50.1	40.9	42.1	45.6	48.9	39.9	41.1	44.5	47.7	38.9	40.1	43.4	46.6	37.0	38.1	41.2	44.2	34.3	35.3	38.2	41.0	
S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
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	2.80	2.86	2.94	3.03	3.00	3.06	3.15	3.25	3.17	3.24	3.34	3.44	3.33	3.40	3.50	3.61	3.46	3.53	3.64	3.75	3.57	3.65	3.76	3.88	
Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0	
HI PR	231	249	263	274	259	279	295	308	295	318	335	350	336	362	382	398	378	407	430	448	418	450	475	495	
LO PR	107	114	125	133	114	121	132	140	118	126	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												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	38.2	39.0	41.7	44.5	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.4	33.7	34.5	36.8	39.4	31.2	31.9	34.1	36.5
	S/T	0.88	0.82	0.67	0.5	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.6	1.00	0.94	0.77	0.57
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
	kW	2.74	2.80	2.88	3.0	2.93	2.99	3.08	3.17	3.10	3.17	3.26	3.4	3.25	3.32	3.42	3.52	3.38	3.45	3.55	3.7	3.49	3.56	3.67	3.79
	Amps	10.0	10.3	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	12.9	12.6	12.9	13.3	13.8	13.4	13.7	14.2	14.7	14.2	14.5	15.0	15.6
	Hi PR	224	241	255	265.9	252	271	286	298	286	308	325	339.3	326	351	371	386	367	395	417	434.8	405	436	461	480
	LO PR	109	111	121	129.0	110	117	128	136	114	122	133	141.6	120	128	140	149	126	134	146	155.9	130	139	151	161
	MBh	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.7	33.9	34.6	37.0	39.5
	S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.6	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.6	1.00	0.98	0.80	0.59
	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	15
	kW	2.80	2.86	2.94	3.0	3.00	3.06	3.15	3.25	3.18	3.24	3.34	3.4	3.33	3.40	3.50	3.61	3.46	3.53	3.64	3.8	3.57	3.65	3.76	3.88
	Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.8	14.1	14.6	15.1	14.6	14.9	15.4	16.0
Hi PR	231	249	263	274.1	260	279	295	308	295	318	335	349.8	336	362	382	398	378	407	430	448.2	418	450	475	495	
LO 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	
MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.6	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.2	37.6	38.5	41.1	43.9	34.9	35.6	38.1	40.7	
S/T	0.95	0.89	0.73	0.5	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.6	1.00	1.00	0.80	0.60	1.00	1.00	0.83	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	19	15	
kW	2.82	2.88	2.96	3.1	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.5	3.35	3.42	3.53	3.64	3.49	3.56	3.67	3.8	3.60	3.67	3.79	3.91	
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	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.6	16.2	
Hi PR	234	251	265	276.9	262	282	298	311	298	321	339	353.3	340	365	386	402	382	411	434	452.7	422	454	480	500	
LO PR	109	116	126	134.3	115	122	133	142	119	127	138	147.5	125	133	145	155	131	140	152	162.3	136	144	158	168	
85	MBh	38.8	39.6	41.5	44.2	37.9	38.7	40.5	43.2	37.0	37.7	39.5	42.2	36.1	36.8	38.6	41.2	34.3	35.0	36.6	39.1	31.8	32.4	33.9	36.2
	S/T	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	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20
	kW	2.76	2.82	2.90	2.98	2.96	3.01	3.10	3.20	3.13	3.19	3.28	3.38	3.28	3.34	3.44	3.55	3.40	3.47	3.58	3.69	3.51	3.59	3.70	3.82
	Amps	10.1	10.4	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7
	Hi PR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	371	399	421	439	409	441	465	485
	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
	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	24	25	25	21	23	23	23	20
	kW	2.82	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.47	3.35	3.42	3.53	3.64	3.49	3.56	3.67	3.78	3.60	3.67	3.79	3.91
	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	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.6	16.2
Hi PR	234	251	265	277	262	282	298	311	298	321	339	353	340	365	386	402	382	411	434	453	422	454	480	500	
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	43.3	44.2	46.3	49.4	42.3	43.2	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.0	45.9	38.3	39.0	40.9	43.6	35.5	36.2	37.9	40.4	
S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81	
ΔT	25	25	23	20	25	25	24	21	24	25	24	21	24	24	24	21	22	23	24	20	21	21	22	19	
kW	2.85	2.90	2.98	3.07	3.05	3.11	3.20	3.30	3.22	3.29	3.39	3.49	3.38	3.45	3.55	3.67	3.51	3.59	3.70	3.81	3.63	3.70	3.82	3.94	
Amps	10.5	10.8	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.2	13.5	13.9	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3	
Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505	
LO PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170	

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

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	42.6	44.2	48.4	-	41.6	43.2	47.3	-	40.7	42.1	46.2	-	39.7	41.1	45.0	-	37.7	39.1	42.8	-	34.9	36.2	39.6	-
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.95	3.01	3.09	-	3.16	3.22	3.32	-	3.34	3.41	3.51	-	3.50	3.57	3.68	-	3.64	3.71	3.83	-	3.76	3.84	3.95	-
	Amps	10.8	11.0	11.4	-	11.7	11.9	12.3	-	12.7	13.0	13.4	-	13.5	13.9	14.3	-	14.4	14.7	15.2	-	15.3	15.6	16.2	-
	HI PR	221	238	251	-	248	267	282	-	282	304	321	-	321	346	365	-	361	389	411	-	399	430	454	-
	LO PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-
	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
kW	2.99	3.05	3.13	-	3.20	3.26	3.36	-	3.38	3.45	3.56	-	3.55	3.62	3.73	-	3.69	3.76	3.88	-	3.81	3.89	4.01	-	
Amps	11.0	11.2	11.6	-	11.8	12.1	12.5	-	12.9	13.2	13.6	-	13.7	14.1	14.5	-	14.6	15.0	15.5	-	15.5	15.9	16.4	-	
HI PR	225	242	256	-	252	272	287	-	287	309	326	-	327	352	371	-	368	396	418	-	406	437	462	-	
LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
MBh	44.8	46.4	50.9	-	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.3	-	39.6	41.0	45.0	-	36.7	38.0	41.6	-	
S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	3.03	3.09	3.18	-	3.25	3.31	3.41	-	3.44	3.51	3.61	-	3.60	3.68	3.79	-	3.75	3.82	3.94	-	3.87	3.95	4.07	-	
Amps	11.2	11.4	11.8	-	12.1	12.3	12.8	-	13.1	13.4	13.9	-	14.0	14.3	14.8	-	14.9	15.3	15.8	-	15.8	16.2	16.7	-	
HI PR	229	247	261	-	257	277	292	-	293	315	333	-	333	359	379	-	375	404	426	-	414	446	471	-	
LO PR	109	116	127	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	

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
75	MBh	43.4	44.6	48.3	51.9	42.4	43.6	47.2	50.7	41.3	42.6	46.1	49.5	40.3	41.5	45.0	48.2	38.3	39.5	42.7	45.8	35.5	36.5	39.6	42.5
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	2.97	3.03	3.12	3.21	3.18	3.25	3.34	3.44	3.37	3.43	3.54	3.65	3.53	3.60	3.71	3.83	3.67	3.74	3.86	3.98	3.79	3.87	3.99	4.11
	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	13.7	14.0	14.5	15.0	14.5	14.9	15.4	16.0	15.4	15.8	16.3	16.9
	HI PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	369	385	365	393	415	433	403	434	458	478
	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
	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
	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	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
kW	3.01	3.07	3.16	3.25	3.22	3.29	3.38	3.49	3.41	3.48	3.59	3.70	3.58	3.65	3.76	3.88	3.72	3.79	3.91	4.04	3.84	3.92	4.04	4.17	
Amps	11.1	11.3	11.7	12.1	12.0	12.2	12.6	13.1	13.0	13.3	13.7	14.3	13.9	14.2	14.7	15.2	14.8	15.1	15.6	16.2	15.6	16.0	16.6	17.2	
HI PR	227	244	258	269	255	274	290	302	290	312	329	344	330	355	375	391	371	400	422	440	410	442	466	486	
LO PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	
MBh	45.6	46.9	50.8	54.5	44.5	45.8	49.6	53.2	43.4	44.7	48.4	52.0	42.4	43.6	47.2	50.7	40.3	41.5	44.9	48.2	37.3	38.4	41.6	44.6	
S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	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	15	10	
kW	3.05	3.11	3.20	3.30	3.27	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.71	3.82	3.94	3.78	3.85	3.97	4.10	3.90	3.98	4.11	4.24	
Amps	11.3	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.1	14.5	15.0	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5	
HI PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	431	449	419	451	476	496	
LO PR	110	117	128	136	116	124	135	144	121	129	140	149	127	135	147	157	133	142	155	165	138	146	160	170	

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

EXPANDED COOLING DATA — ASX160481F* / CA*F4961*6D*+TXV (CONT.)

		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
		59		63		71		59		63		71		59		63		71		59		63		71		59		63		71	
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	MBh	44.1	45.1	48.2	51.5	43.1	44.0	47.1	50.3	42.1	43.0	45.9	49.1	41.1	41.9	44.8	47.9	39.0	39.9	42.6	45.5	36.1	36.9	39.4	42.2	36.1	36.9	39.4	42.2		
	S/T	0.88	0.82	0.67	0.5	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.6	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57		
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16	24	23	20	16		
	kW	2.99	3.05	3.14	3.2	3.21	3.27	3.37	3.47	3.39	3.46	3.57	3.7	3.56	3.63	3.74	3.86	3.70	3.77	3.89	4.0	3.82	3.90	4.02	4.15	3.82	3.90	4.02	4.15		
	Amps	11.0	11.3	11.6	12.0	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.2	13.8	14.1	14.6	15.1	14.7	15.0	15.5	16.1	15.5	15.9	16.5	17.1	15.5	15.9	16.5	17.1		
	HI PR	226	243	256	267.3	253	272	288	300	288	310	327	341.2	328	353	373	389	369	397	419	437.1	408	439	463	483	408	439	463	483		
	LO 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	134	143	156	166		
	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8	36.7	37.5	40.0	42.8		
	S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.6	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.6	1.00	0.98	0.80	0.59	1.00	0.98	0.80	0.59		
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	20	16	22	22	20	16		
	kW	3.03	3.09	3.18	3.3	3.25	3.31	3.41	3.51	3.44	3.51	3.61	3.7	3.60	3.68	3.79	3.91	3.75	3.82	3.94	4.1	3.87	3.95	4.07	4.20	3.87	3.95	4.07	4.20		
	Amps	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.7	17.4	15.8	16.2	16.7	17.4		
HI PR	229	247	261	272.0	257	277	293	305	293	315	333	347.1	334	359	379	395	375	404	426	444.7	415	446	471	491	415	446	471	491			
LO PR	109	116	127	134.8	115	123	134	142	120	127	139	148.0	126	134	146	155	132	140	153	163.0	136	145	158	169	136	145	158	169			
MBh	46.4	47.4	50.6	54.1	45.3	46.3	49.4	52.9	44.2	45.2	48.3	51.6	43.1	44.1	47.1	50.3	41.0	41.9	44.7	47.8	38.0	38.8	41.4	44.3	38.0	38.8	41.4	44.3			
S/T	0.96	0.90	0.74	0.6	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.6	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.6	1.00	1.00	0.85	0.63	1.00	1.00	0.85	0.63			
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	21	19	15	19	20	18	14	19	20	18	14			
kW	3.08	3.14	3.23	3.3	3.30	3.36	3.46	3.57	3.49	3.56	3.67	3.8	3.66	3.74	3.85	3.97	3.81	3.88	4.01	4.1	3.93	4.01	4.14	4.27	3.93	4.01	4.14	4.27			
Amps	11.4	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.7	14.3	14.6	15.1	15.7	15.2	15.5	16.1	16.7	16.1	16.5	17.0	17.7	16.1	16.5	17.0	17.7			
HI PR	234	252	266	277.4	263	283	298	311	299	321	339	354.0	340	366	387	403	383	412	435	453.6	423	455	481	501	423	455	481	501			
LO PR	111	118	129	137.5	117	125	136	145	122	130	142	151.0	128	136	149	159	134	143	156	166.2	139	148	161	172	139	148	161	172			
85	MBh	44.9	45.8	47.9	51.1	43.9	44.7	46.8	50.0	42.8	43.6	45.7	48.8	41.8	42.6	44.6	47.6	39.7	40.4	42.4	45.2	36.8	37.5	39.2	41.9	36.8	37.5	39.2	41.9		
	S/T	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	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.74		
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	27	25	22	24	25	24	20	24	25	24	20		
	kW	3.02	3.08	3.16	3.26	3.23	3.29	3.39	3.50	3.42	3.49	3.59	3.70	3.58	3.66	3.77	3.89	3.73	3.80	3.92	4.05	3.85	3.93	4.05	4.18	3.85	3.93	4.05	4.18		
	Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.1	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.3	14.8	15.2	15.7	16.3	15.7	16.1	16.6	17.2	15.7	16.1	16.6	17.2		
	HI PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	373	401	423	442	412	443	468	488	412	443	468	488		
	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	135	144	157	167		
	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5	37.3	38.0	39.8	42.5		
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77		
	ΔT	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	22	25	25	25	22	23	23	23	20	23	23	23	20		
	kW	3.05	3.11	3.21	3.30	3.27	3.34	3.44	3.54	3.46	3.53	3.64	3.75	3.63	3.71	3.82	3.94	3.78	3.85	3.97	4.10	3.90	3.98	4.11	4.24	3.90	3.98	4.11	4.24		
	Amps	11.3	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.1	14.5	15.0	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5	15.9	16.3	16.9	17.5		
HI PR	232	249	263	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	496	419	451	476	496			
LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	138	146	160	170			
MBh	47.2	48.1	50.4	53.7	46.1	47.0	49.2	52.5	45.0	45.9	48.0	51.2	43.9	44.7	46.9	50.0	41.7	42.5	44.5	47.5	38.6	39.4	41.2	44.0	38.6	39.4	41.2	44.0			
S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.82			
ΔT	24	24	23	20	24	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	20	20	21	18	20	20	21	18			
kW	3.10	3.16	3.25	3.35	3.32	3.39	3.49	3.60	3.52	3.59	3.70	3.81	3.69	3.77	3.88	4.00	3.83	3.92	4.04	4.17	3.96	4.05	4.17	4.31	3.96	4.05	4.17	4.31			
Amps	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.9	16.2	16.6	17.2	17.9			
HI PR	236	254	269	280	265	285	301	314	302	325	343	358	344	370	390	407	387	416	439	458	427	460	485	506	427	460	485	506			
LO PR	112	119	130	139	119	126	138	147	123	131	143	152	130	138	150	160	136	144	158	168	140	149	163	174	140	149	163	174			

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

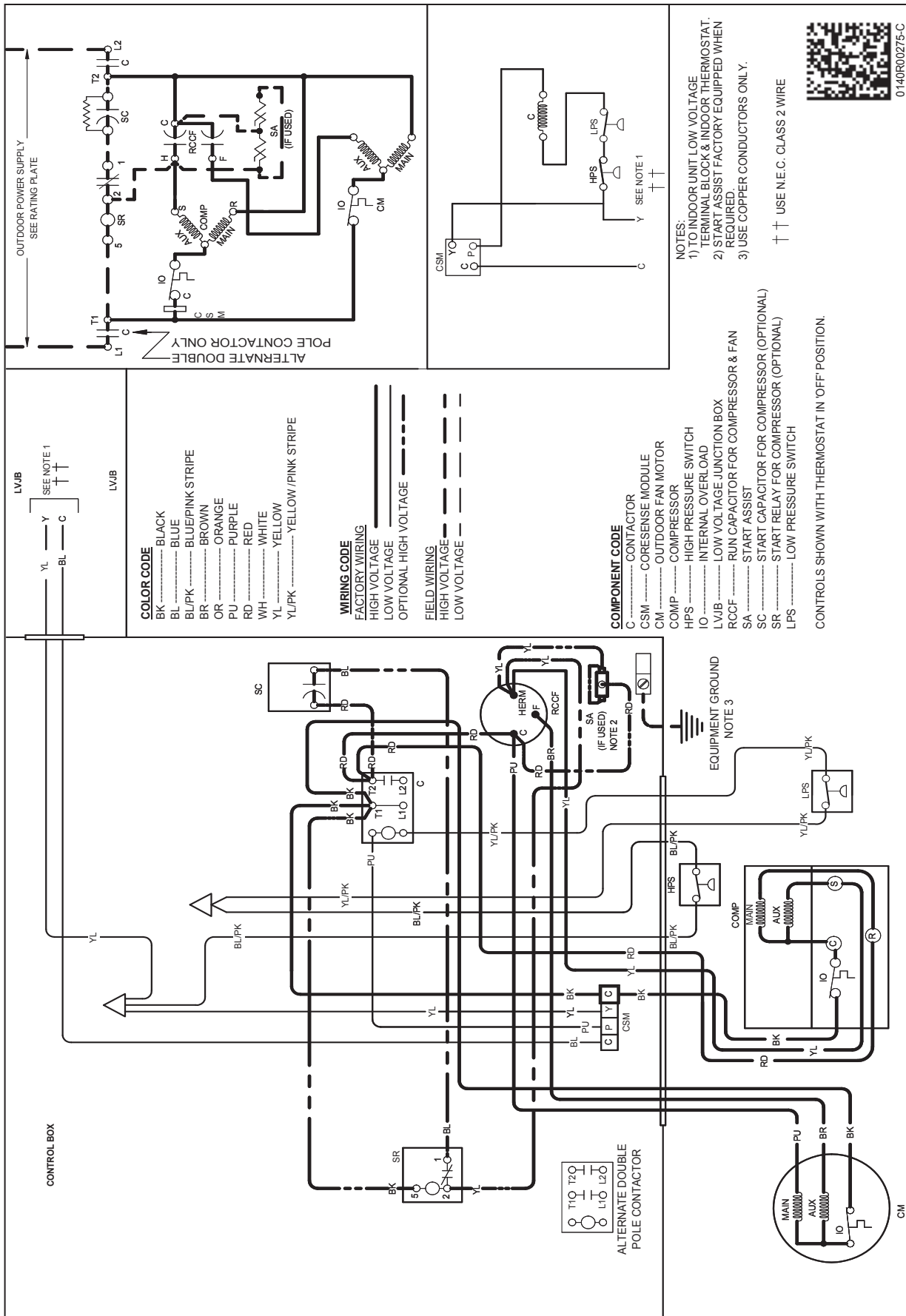
IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1750		MBh	51.9	53.8	58.9	-	50.7	52.5	57.6	-	49.5	51.3	56.2	-	48.3	50.0	54.8	-	45.9	47.5	52.1	-	42.5	44.0	48.2	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
		kW	3.55	3.62	3.73	-	3.80	3.88	3.99	-	4.03	4.11	4.23	-	4.22	4.31	4.44	-	4.39	4.48	4.62	-	4.53	4.63	4.77	-
		Amps	13.2	13.5	14.0	-	14.3	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.5	-	17.6	18.0	18.6	-	18.6	19.1	19.7	-
		HI PR	217	233	246	-	243	262	276	-	276	297	314	-	315	339	358	-	354	381	403	-	391	421	445	-
		LO PR	103	109	119	-	109	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-
70		MBh	51.4	53.2	58.3	-	50.2	52.0	57.0	-	49.0	50.8	55.6	-	47.8	49.5	54.3	-	45.4	47.1	51.6	-	42.1	43.6	47.8	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		ΔT	21	18	14	-	21	19	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
		kW	3.55	3.61	3.72	-	3.80	3.87	3.99	-	4.02	4.10	4.22	-	4.21	4.30	4.43	-	4.38	4.47	4.61	-	4.52	4.61	4.76	-
		Amps	13.2	13.5	13.9	-	14.2	14.6	15.1	-	15.5	15.8	16.3	-	16.5	16.9	17.5	-	17.6	18.0	18.6	-	18.6	19.0	19.7	-
		HI PR	216	232	245	-	242	261	275	-	276	297	313	-	314	338	357	-	353	380	401	-	390	420	443	-
		LO PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
2250		MBh	53.2	55.1	60.4	-	51.9	53.8	59.0	-	50.7	52.5	57.6	-	49.5	51.3	56.2	-	47.0	48.7	53.4	-	43.5	45.1	49.4	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		kW	3.60	3.67	3.77	-	3.85	3.93	4.05	-	4.08	4.16	4.29	-	4.28	4.36	4.50	-	4.44	4.54	4.68	-	4.59	4.69	4.83	-
		Amps	13.4	13.7	14.2	-	14.5	14.8	15.3	-	15.7	16.1	16.6	-	16.8	17.2	17.8	-	17.9	18.3	18.9	-	18.9	19.4	20.0	-
		HI PR	220	237	250	-	247	266	281	-	281	303	319	-	320	345	364	-	360	388	409	-	398	428	452	-
		LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-

75		MBh	52.8	54.3	58.8	63.1	51.5	53.1	57.4	61.6	50.3	51.8	56.1	60.2	49.1	50.5	54.7	58.7	46.6	48.0	52.0	55.8	43.2	44.5	48.1	51.7
		S/T	0.84	0.75	0.57	0.37	0.87	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	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
		kW	3.58	3.65	3.76	3.87	3.83	3.91	4.03	4.15	4.06	4.14	4.26	4.40	4.25	4.34	4.48	4.62	4.42	4.51	4.65	4.80	4.57	4.66	4.81	4.96
		Amps	13.4	13.7	14.1	14.6	14.4	14.8	15.2	15.8	15.6	16.0	16.5	17.2	16.7	17.1	17.7	18.3	17.8	18.2	18.8	19.5	18.8	19.3	19.9	20.7
		HI PR	219	235	249	259	246	264	279	291	279	301	317	331	318	342	361	377	358	385	407	424	395	425	449	469
		LO PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160
		MBh	52.1	53.8	58.2	62.5	51.0	52.5	56.9	61.0	49.8	51.3	55.5	59.6	48.6	50.0	54.2	58.1	46.2	47.5	51.5	55.2	42.8	44.0	47.7	51.2
		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	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	24	23	18	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12
		kW	3.57	3.64	3.75	3.86	3.82	3.90	4.02	4.14	4.05	4.13	4.25	4.39	4.24	4.33	4.46	4.60	4.41	4.50	4.64	4.79	4.56	4.65	4.80	4.95
		Amps	13.3	13.6	14.1	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.5	17.1	16.7	17.1	17.6	18.3	17.7	18.2	18.8	19.5	18.8	19.2	19.9	20.6
		HI PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		LO PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
		MBh	54.1	55.7	60.3	64.7	52.8	54.4	58.9	63.2	51.6	53.1	57.5	61.7	50.3	51.8	56.1	60.2	47.8	49.2	53.3	57.2	44.3	45.6	49.3	52.9
		S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		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	3.62	3.69	3.80	3.92	3.88	3.96	4.08	4.20	4.11	4.19	4.32	4.45	4.31	4.40	4.53	4.68	4.48	4.57	4.72	4.87	4.63	4.73	4.87	5.03
		Amps	13.6	13.9	14.3	14.8	14.6	15.0	15.5	16.0	15.9	16.3	16.8	17.4	17.0	17.4	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.2	21.0
		HI PR	223	239	253	264	250	269	284	296	284	306	323	337	323	348	368	383	364	392	414	431	402	433	457	477
		LO PR	106	112	123	131	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	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
 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		
1750	MBh	53.7	54.9	58.6	62.7	52.5	53.6	57.3	61.2	51.2	52.3	55.9	59.8	50.0	51.0	54.5	58.3	47.5	48.5	51.8	55.4	44.0	44.9	48.0	51.3	44.0	44.9	48.0	51.3		
	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	0.80	0.6	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.61		
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	26	26	22	18	25	25	22	17	23	24	20	16	23	24	20	16		
	kW	3.61	3.68	3.78	3.9	3.86	3.94	4.06	4.18	4.09	4.17	4.30	4.4	4.29	4.38	4.51	4.65	4.46	4.55	4.69	4.8	4.60	4.70	4.85	5.00	4.60	4.70	4.85	5.00		
	Amps	13.5	13.8	14.2	14.8	14.5	14.9	15.4	15.9	15.8	16.2	16.7	17.3	16.9	17.3	17.8	18.5	17.9	18.4	19.0	19.7	19.0	19.5	20.1	20.9	19.0	19.5	20.1	20.9		
	HI PR	221	238	251	262.0	248	267	282	294	282	304	321	334.3	321	346	365	381	361	389	411	428.4	399	430	454	473	399	430	454	473		
	LO PR	105	112	122	129.7	111	118	129	137	115	122	134	142.4	121	129	140	150	127	135	147	156.7	131	139	152	162	131	139	152	162		
	80	MBh	53.2	54.3	58.1	62.1	51.9	53.1	56.7	60.6	50.7	51.8	55.4	59.2	49.5	50.5	54.0	57.7	47.0	48.0	51.3	54.8	43.5	44.5	47.5	50.8	43.5	44.5	47.5	50.8	
		S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.6	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.6	1.00	1.00	0.80	0.59	1.00	1.00	0.80	0.59	
		ΔT	27	26	23	18	28	26	23	18	28	27	23	18	28	27	23	19	27	26	23	18	25	25	21	17	25	25	21	17	
		kW	3.60	3.67	3.77	3.9	3.85	3.93	4.05	4.17	4.08	4.16	4.29	4.4	4.28	4.37	4.50	4.64	4.45	4.54	4.68	4.8	4.59	4.69	4.84	4.99	4.59	4.69	4.84	4.99	
		Amps	13.4	13.8	14.2	14.7	14.5	14.8	15.3	15.9	15.7	16.1	16.7	17.3	16.8	17.2	17.8	18.5	17.9	18.3	18.9	19.6	18.9	19.4	20.1	20.8	18.9	19.4	20.1	20.8	
HI PR		220	237	250	261.2	247	266	281	293	281	303	320	333.3	320	345	364	380	360	388	410	427.1	398	428	452	472	398	428	452	472		
LO PR		105	111	121	129.3	110	117	128	137	115	122	133	141.9	121	128	140	149	126	134	147	156.3	131	139	152	162	131	139	152	162		
2250		MBh	55.0	56.2	60.1	64.2	53.8	54.9	58.7	62.7	52.5	53.6	57.3	61.2	51.2	52.3	55.9	59.7	48.6	49.7	53.1	56.8	45.1	46.0	49.2	52.6	45.1	46.0	49.2	52.6	
		S/T	0.96	0.90	0.74	0.6	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.6	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.6	1.00	1.00	0.85	0.63	1.00	1.00	0.85	0.63	
		ΔT	22	21	18	14	22	21	18	15	21	21	18	15	21	21	18	15	20	20	18	15	18	19	17	14	18	19	17	14	
		kW	3.65	3.72	3.83	3.9	3.91	3.99	4.11	4.23	4.14	4.23	4.35	4.5	4.34	4.43	4.57	4.72	4.52	4.61	4.75	4.9	4.66	4.76	4.91	5.07	4.66	4.76	4.91	5.07	
		Amps	13.7	14.0	14.4	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.7	19.3	20.0	19.3	19.8	20.4	21.2	19.3	19.8	20.4	21.2	
	HI PR	225	242	255	266.4	252	271	287	299	287	309	326	340.0	327	352	371	387	368	396	418	435.7	406	437	462	481	406	437	462	481		
	LO PR	107	113	124	131.9	113	120	131	139	117	125	136	144.8	123	131	143	152	129	137	150	159.4	133	142	155	165	133	142	155	165		
	1750	MBh	54.6	55.7	58.3	62.2	53.4	54.4	57.0	60.8	52.1	53.1	55.6	59.3	50.8	51.8	54.3	57.9	48.3	49.2	51.6	55.0	44.7	45.6	47.8	50.9	44.7	45.6	47.8	50.9	
		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	1.00	1.00	0.97	0.79	
		ΔT	28	27	26	22	28	28	26	23	27	28	26	23	27	27	26	23	25	26	26	23	23	24	24	21	23	24	24	21	
		kW	3.63	3.70	3.81	3.93	3.89	3.97	4.09	4.21	4.12	4.20	4.33	4.47	4.32	4.41	4.55	4.69	4.49	4.59	4.73	4.88	4.64	4.74	4.89	5.04	4.64	4.74	4.89	5.04	
		Amps	13.6	13.9	14.4	14.9	14.7	15.0	15.5	16.1	15.9	16.3	16.8	17.5	17.0	17.4	18.0	18.7	18.1	18.5	19.2	19.9	19.2	19.6	20.3	21.1	19.2	19.6	20.3	21.1	
HI PR		223	240	254	265	251	270	285	297	285	307	324	338	324	349	369	385	365	393	415	433	403	434	458	478	403	434	458	478		
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	132	141	154	164		
1625		MBh	54.1	55.1	57.8	61.6	52.8	53.9	56.4	60.2	51.6	52.6	55.1	58.8	50.3	51.3	53.7	57.3	47.8	48.7	51.0	54.5	44.3	45.1	47.3	50.4	44.3	45.1	47.3	50.4	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	
		ΔT	29	29	27	23	29	29	27	24	29	29	27	24	28	29	28	24	27	28	27	24	25	26	25	22	25	26	25	22	
		kW	3.62	3.70	3.80	3.92	3.88	3.96	4.08	4.20	4.11	4.19	4.32	4.46	4.31	4.40	4.54	4.68	4.48	4.57	4.72	4.87	4.63	4.73	4.87	5.03	4.63	4.73	4.87	5.03	
		Amps	13.6	13.9	14.3	14.8	14.6	15.0	15.5	16.0	15.9	16.3	16.8	17.4	17.0	17.4	18.0	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.2	21.0	19.1	19.6	20.2	21.0	
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	383	364	392	414	431	402	433	457	477	402	433	457	477		
	LO PR	106	112	123	131	112	119	130	138	116	124	135	143	122	130	141	151	128	136	148	158	132	140	153	163	132	140	153	163		
	2250	MBh	56.0	57.1	59.8	63.8	54.7	55.8	58.4	62.3	53.4	54.4	57.0	60.8	52.1	53.1	55.6	59.3	49.5	50.4	52.8	56.4	45.8	46.7	48.9	52.2	45.8	46.7	48.9	52.2	
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.82	
		ΔT	23	23	22	19	22	23	22	19	22	22	22	19	21	22	22	19	20	21	22	19	19	19	20	17	19	19	20	17	
		kW	3.68	3.75	3.86	3.98	3.94	4.02	4.14	4.27	4.17	4.26	4.39	4.53	4.38	4.47	4.61	4.75	4.55	4.65	4.79	4.95	4.70	4.80	4.95	5.11	4.70	4.80	4.95	5.11	
		Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.3	16.2	16.6	17.1	17.7	17.3	17.7	18.3	19.0	18.4	18.8	19.5	20.2	19.5	19.9	20.6	21.4	19.5	19.9	20.6	21.4	
HI PR		227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	400	422	440	410	441	466	486	410	441	466	486		
LO PR		108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	167	135	143	156	167		

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

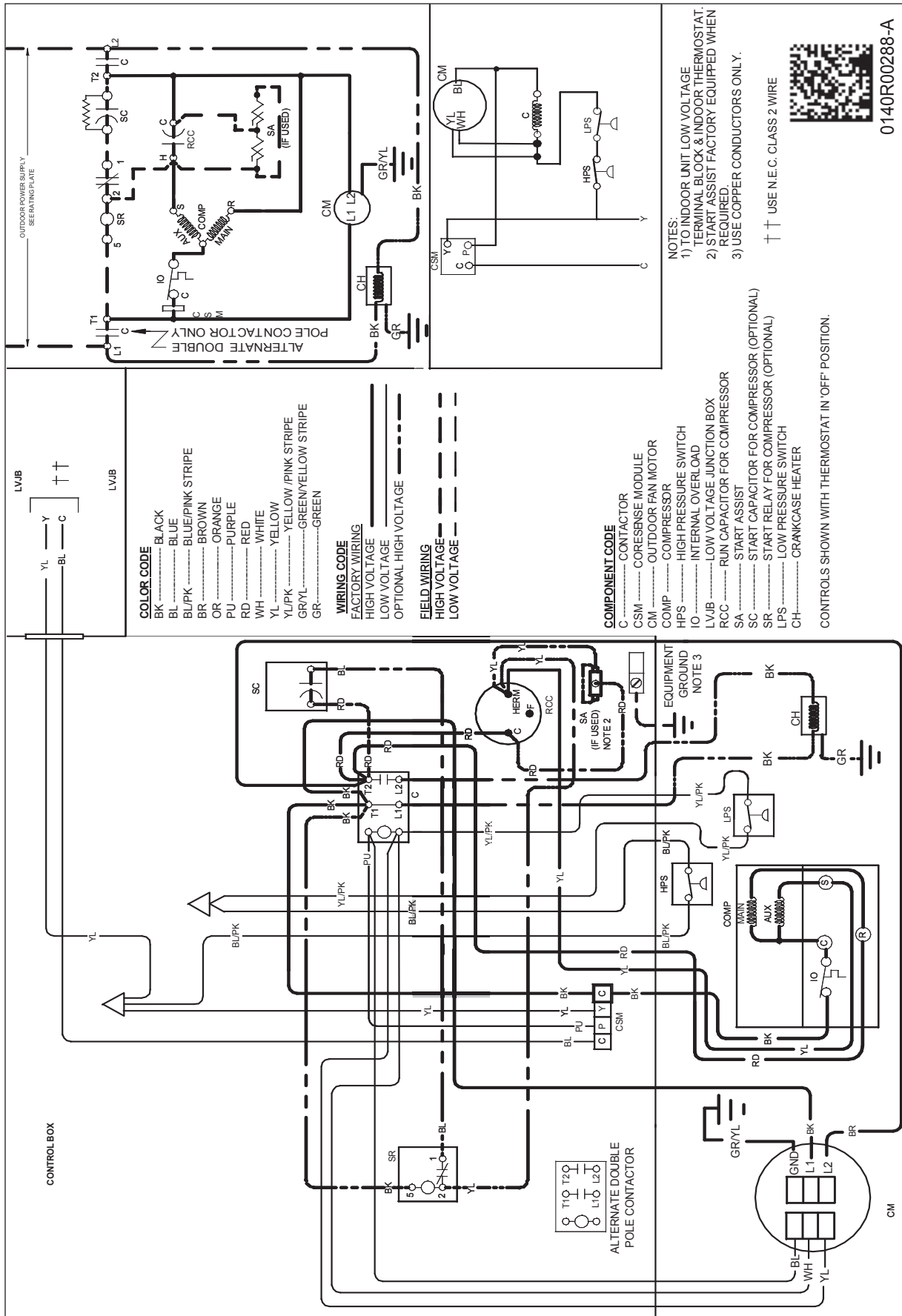


0140R00275-C

WARNING

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

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



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.

DIMENSIONS

ECN	REV	ZONE	DESCRIPTION	CHK	D	DATE
XXXXXXX	A	XXXXXX				

MODEL	DIMENSIONS		
	W"	D"	H"
ASX160181F*	29	29	32
ASX160241F*	29	29	32
ASX160301F*	29	29	35½
ASX160311A*	29	29	39½
ASX160361F*	29	29	39½
ASX160371A*	35½	35½	35½
ASX160421F*	35½	35½	35½
ASX160481F*	35½	35½	39½
ASX160601F*	35½	35½	37½

*Note: All the Dimensions (W, D, H) are for reference only.

Goodman Company, L.P.

ASX16

SPECIAL CHARACTERISTICS:
 Ⓢ 6SIGMA Ⓢ CRITICAL CHARACTERISTIC Ⓢ SIGNIFICANT CHARACTERISTIC

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824-01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

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INSURANCE: APPROX 1.15 08-1-03
 2.1-1.1 000-1-005
 MODEL # 1-1-000
 TIME OUT 10.6-003

DWN BY: ENG: DO NOT SCALE DRAWING
 SHEET 1 OF 1 REV

ACCESSORIES

MODEL	DESCRIPTION	ASX16 0181F*	ASX16 0241F*	ASX16 0301F*	ASX16 0311A*	ASX16 0361F*	ASX16 0371A*	ASX16 0421F*	ASX16 0481F*	ASX16 0601F*
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^									
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X	X	X
CSR-U-3	Hard-start Kit								X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X	
LSK02A ²	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X	X
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X	X	X
TXV-30 ²	TXV Kit	X	X	X	X					
TXV-42 ²	TXV Kit					X	X	X		
TXV-48 ²	TXV Kit								X	
TXV-60 ²	TXV Kit									X

[^] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit

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