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AIR CO	NDITIONING • HEATING	• PLU	MBING

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High-Efficiency
Split System Air Conditioner
Up to 19 SEER
Cooling Capacity: 24,000 - 60,000BTU/h

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# **Standard Features**

- High-efficiency two-stage scroll compressor
- High-efficiency two-speed ECM condenser fan motor
- Integrated communicating ComfortBridge™ Technology
- Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application
- Factory-installed filter drier
- Factory-installed transformer
- Factory-installed high and low-pressure switches
- High-density foam compressor sound blanket
- Copeland® ComfortAlert™ built in diagnostics
- Fully charged for 15' of tubing length
- Factory-installed sensors monitoring coil and ambient temperature
- Contactor with lug connection
- In communicating mode, only two low voltage wires to the outdoor unit are required
- AHRI Certified ETL Listed
- Ground lug connection
- Color-coded terminal strip for non-communicating set-up
- Copper tube & enhanced aluminum fin coil
- Customized control algorithms



\* Complete warranty details available on www.nexgenairandheat.com.

To receive the Lifetime Unit Replacement Warranty (good for as long as you own your home) and 10-Year Parts Lifetime Warranty, in order to qualify for lifetime replacement warranty you need to be part of the X Protection Family. Membership must be current and up-to-date.

# **Cabinet Features**

- Heavy-gauge galvanized steel cabinet and louvered coil guards
- Service valves with sweat connections and easyaccess gauge ports
- Engineered sound control top design
- Wire fan discharge grille
- Baked-on powder-paint finish with 500-hour saltspray approval
- Single-panel access to controls with space for fieldinstalled accessories
- Service port and controls are accessible while unit is operating
- Compact footprint
- Rust-resistant screws
- When properly anchored, meets the 2017 Florida
   Building Code unit integrity requirements for
   hurricane-type winds (Anchor bracket kits available.)





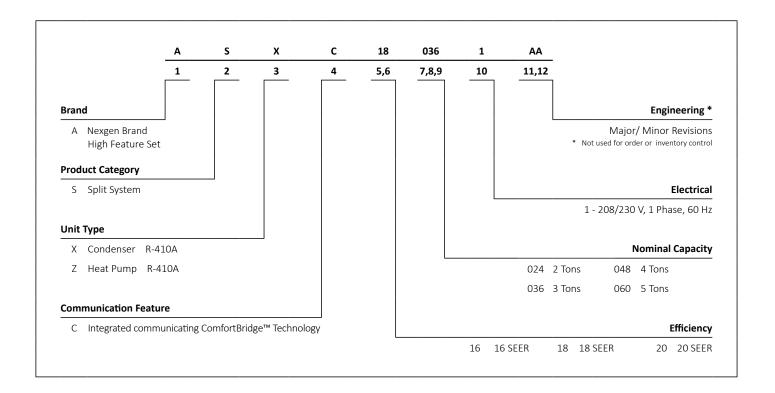


Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.









	ASXC18 0241B*	ASXC18 0361B*	ASXC18 0481B*	ASXC18 0601B*
COOLING CAPACITY				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Decibels (High/Low) <sup>3</sup>	71/68	71/69	74/69	74/70
COMPRESSOR				
RLA	10.0	14.8	20.4	22.9
LRA	62.9	84.2	122.1	147.2
CONDENSER FAN MOTOR				
Horsepower (RPM)	1/3	1/3	1/3	⅓
FLA	2.80	2.80	2.80	2.80
REFRIGERATION SYSTEM				
Refrigerant Line Size <sup>1</sup>				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7∕8"	11/8"	11/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/″	7/8"	7⁄8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	135	133	204	191
Expansion Device	TXV	TXV	TXV	TXV
Superheat at Service Valve	7-9°F	7-9°F	7-9°F	7-9°F
Subcooling at Service Valve	5-7°F	5-7°F	5-7°F	5-7°F
ELECTRICAL DATA				
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity <sup>1</sup>	15.3	21.3	28.3	31.4
Max. Overcurrent Protection <sup>2</sup>	25	35	45	50
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	214	216	276	304
SHIP WEIGHT (LBS)	236	238	298	326
ENERGY STAR® CERTIFIED ^	ENERGY STAR	LOWYTH STAR	ENERGY STAR	ENERGY STAR

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. See Page 16 for all ENERGY STAR certified combinations as of this document's revision date.

#### Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply ¾" to 1½" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 1/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units that require a TXV Kit to be installed on the indoor coil.
- PLEASE NOTE: the specified TXV is determined by the outdoor unit, not the indoor coil.

<sup>&</sup>lt;sup>1</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

 $<sup>^{\</sup>rm 2}~$  Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

<sup>&</sup>lt;sup>3</sup> Sound dBa ratings are based upon ANSI/AHRI Standard 220. Accordingly, all sound power levels are A-weighted.

												ő	JTDOOR	AMBIE	<b>OUTDOOR AMBIENT TEMPERATURE</b>	ERATURE										
				65	65ºF			75ºF	9F			85ºF	ŭ.			95ºF	ļ.			105ºF	9F			115ºF	Jō	
												ENTERI	NG INDO	<b>ENTERING INDOOR WET BULB</b>	T BULB T	TEMPERATURE	TURE									
IDB	AIRF	AIRFLOW	59	63	67	71	59	63	29	71	59	63	29	71	59	63	29	71	29	63	29	71	29	63	29	71
		kBh	17.4	17.6	18.1	,	17.2	17.4	18.0	ı	16.8	17.0	17.5	1	16.0	16.2	16.7	,	15.0	15.3	15.8	-	14.2	14.4	14.9	1
_		S/T	0.64	0.56	0.43	ı	0.65	0.57	0.43	1	1.00	09.0	0.46	,	1.00	0.62	0.48	,	1.00	0.64	0.50	1	1.00	1.00	0.55	
		ΔT	20	18	14	,	20	18	14	,	20	18	15	,	20	18	14	,	19	18	14	,	21	19	15	,
	069	Lo PR	129	130	134	ı	137	138	141	1	143	145	148	,	149	151	154	,	155	156	160	1	162	164	167	,
		Hi PR	219	220	221	ı	253	254	256	,	290	290	292	1	328	329	331	,	370	371	373	,	415	416	417	
_		Amps	2.9	2.9	2.9	,	3.3	3.3	3.3	,	3.7	3.7	3.7	,	4.2	4.2	4.2	,	4.7	4.7	4.7	,	5.4	5.4	5.4	
		Χ×	0.84	0.84	0.84	1	0.93	0.93	0.93	ı	1.03	1.03	1.03	1	1.14	1.14	1.14	,	1.27	1.26	1.26	1	1.41	1.41	1.41	
		kBh	17.5	17.8	18.3		17.4	17.6	18.1	1	16.9	17.2	17.7	-	16.1	16.4	16.9	-	15.2	15.4	15.9	-	14.3	14.6	15.1	
_		S/T	0.68	09.0	0.47	ı	0.69	0.61	0.47	1	1.00	0.64	0.50	,	1.00	99.0	0.52	,	1.00	0.68	0.54	1	1.00	1.00	0.59	
		ΔT	19	17	14	ı	19	17	14	ı	19	17	14	1	19	17	14	1	19	17	13	1	20	18	14	,
20	160	Lo PR	130	132	135	1	138	140	143	,	145	146	150	_	151	152	155	_	156	158	161	_	163	165	168	
_		Hi PR	220	221	223	1	255	256	257	,	291	292	293	_	330	331	332	_	372	373	374	'	416	417	419	
_		Amps	2.9	2.9	2.9	ı	3.3	3.3	3.3	,	3.7	3.7	3.7	-	4.2	4.2	4.2	-	4.8	4.8	4.7	,	5.4	5.4	5.4	ı
_		KW	0.84	0.84	0.84	1	0.93	0.93	0.93	-	1.04	1.04	1.03	-	1.15	1.15	1.14	-	1.27	1.27	1.27	-	1.41	1.41	1.41	
		kBh	17.7	18.0	18.5	ı	17.6	17.8	18.4	1	17.1	17.4	17.9	-	16.4	16.6	17.1	1	15.4	15.7	16.2	1	14.5	14.8	15.3	
		S/T	0.71	0.63	0.50	1	0.72	0.64	0.50	,	1.00	0.67	0.53	,	1.00	69.0	0.55	,	1.00	0.71	0.57	-	1.00	1.00	0.62	
_		ΔT	18	16	13	1	18	16	13	1	18	17	13	,	18	16	13	-	18	16	13	1	19	17	14	
	830	Lo PR	132	133	137	1	140	141	145	-	147	148	151	-	152	154	157	-	158	160	163	-	165	167	170	
		Hi PR	222	223	224	1	256	257	259	1	292	293	295	-	331	332	334	-	373	374	376	-	418	419	420	
_		Amps	2.9	2.9	2.9	ı	3.3	3.3	3.3	1	3.8	3.8	3.8	,	4.2	4.2	4.2	,	4.8	4.8	4.8	,	5.4	5.4	5.4	
		Κ	0.85	0.85	0.84	1	0.94	0.94	0.94	1	1.04	1.04	1.04	-	1.15	1.15	1.15	-	1.27	1.27	1.27	-	1.42	1.42	1.41	
		kBh	17.4	17.6	18.1	18.9	17.2	17.5	18.0	18.8	16.8	17.0	17.5	18.3	16.0	16.2	16.7	17.5	15.0	15.3	15.8	16.6	14.2	14.4	14.9	15.7
		S/T	0.77	0.70	0.56	0.41	1.00	0.70	0.56	0.42	1.00	0.73	0.59	0.44	1.00	0.75	0.61	0.46	1.00	1.00	0.63	0.49	1.00	1.00	0.68	0.54

m powe	kW = Total system power	kW = To						Shaded area is ACCA (TVA) conditions	A (TVA) o	ea is ACC	naded are	SF									e.	mperatu	y Bulb Te	IDB = Entering Indoor Dry Bulb Temperature	tering
1.42	1.41	1.41	1.42	1.28	1.27	1.27	1.27	1.15	1.15	1.15	1.15	1.04	1.04	1.04	1.04	0.94	0.94	0.94	0.94	0.85	0.84	0.85	0.85	××	
5.4	5.4	5.4	5.4	4.8	4.8	4.8	4.8	4.3	4.2	4.2	4.2	3.8	3.7	3.8	3.8	3.3	3.3	3.3	3.3	2.9	2.9	2.9	5 2.9	Amps	
424	420	419	418	380	376	374	373	338	334	332	331	299	295	293	292	263	259	257	256	228	224	223	222	Hi PR	
175	170	167	165	168	163	160	158	163	157	154	152	157	151	148	147	150	145	141	140	142	137	133	132	Lo PR	830
14	18	21	23	13	17	20	22	13	17	20	22	14	17	21	22	13	17	20	22	13	17	20	22	ΔT	
0.61	0.76	1.00	1.00	0.56	0.70	1.00	1.00	0.53	0.68	0.82	1.00	0.51	99.0	0.80	1.00	0.49	0.63	0.77	1.00	0.48	0.63	0.77	0.84	S/T	
16.1	15.3	14.8	14.6	17.0	16.2	15.7	15.4	17.9	17.1	16.6	16.4	18.7	17.9	17.4	17.2	19.2	18.4	17.8	17.6	19.3	18.5	18.0	17.8	kBh	
1.42	1.41	1.41	1.41	1.27	1.27	1.27	1.27	1.15	1.14	1.14	1.15	1.04	1.03	1.03	1.04	0.94	0.93	0.93	0.93	0.85	0.84	0.84	0.84	Χ×	
5.4	5.4	5.4	5.4	4.8	4.7	4.8	4.8	4.2	4.2	4.2	4.2	3.8	3.7	3.7	3.7	3.3	3.3	3.3	3.3	2.9	2.9	2.9	5 2.9	Amps	
423	419	417	416	378	374	373	372	336	332	331	330	297	293	292	291	261	257	256	255	227	223	221	220	Hi PR	
174	168	165	163	167	161	158	156	161	155	152	151	155	150	146	145	148	143	140	138	140	135	132	130	Lo PR	760
15	19	22	24	14	17	21	23	14	18	21	23	14	18	21	23	14	18	21	23	14	18	21	23	ΔT	
0.58	0.72	1.00	1.00	0.53	0.67	1.00	1.00	0.50	0.65	0.79	1.00	0.48	0.63	0.77	1.00	0.46	09.0	0.74	1.00	0.45	09.0	0.74	0.81	S/T	
15.9	15.1	14.6	14.3	16.7	16.0	15.4	15.2	17.7	16.9	16.4	16.1	18.5	17.7	17.2	16.9	18.9	18.1	17.6	17.4	19.1	18.3	17.8	17.5	kBh	
1.41	1.41	1.41	1.41	1.27	1.26	1.26	1.26	1.15	1.14	1.14	1.14	1.04	1.03	1.03	1.03	0.94	0.93	0.93	0.93	0.84	0.84	0.84	0.84	ΚW	
5.4	5.4	5.4	5.4	4.8	4.7	4.7	4.7	4.2	4.2	4.2	4.2	3.8	3.7	3.7	3.7	3.3	3.3	3.3	3.3	2.9	2.9	2.9	5 2.9	Amps	
421	418	416	415	377	373	371	370	335	331	330	329	296	292	291	290	260	256	255	254	225	222	220	219	Hi PR	
172	167	164	162	165	160	157	155	160	154	151	149	154	148	145	143	147	141	138	137	139	134	130	129	Lo PR	069
16	19	23	25	15	18	22	23	15	18	22	24	15	19	22	24	15	18	22	24	15	18	22	24	ΔT	
0.54	0.68	1.00	1.00	0.49	0.63	1.00	1.00	0.46	0.61	0.75	1.00	0.44	0.59	0.73	1.00	0.42	0.56	0.70	1.00	0.41	0.56	0.70	0.77	T/S	
15.7	14.9	14.4	14.2	16.6	15.8	15.3	15.0	17.5	16.7	16.2	16.0	18.3	17.5	17.0	16.8	18.8	18.0	17.5	17.2	18.9	18.1	17.6	17.4	kBh	

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069

power p.+fan)	al system nps (com	kw = lou oor unit ar	kw = Iotal system power Amps = outdoor unit amps (comp.+fan)	Amp				Sudinons	(	ed Is AHR	laded are	7						valves.	n service	id suctior	i liquid an	iperature ed at the	buib ien e measur	ndoor Dry build remperature essures are measured at the liquid and suction service valves.	ئن ت
power	kW = Total system power	kW = Tot						nditions	I (TVA) cc	Shaded area is AHRI (TVA) conditions	naded are	S										perature	Bulb Ten	ndoor Dry Bulb Temperature	
1.42	1.42	1.42	1.42	1.28	1.27	1.27	1.27	1.16	1.15	1.15	1.15	1.05	1.04	1.04	1.04	0.94	0.94	0.94	0.94	0.85	0.85	0.85	0.85	KW	
5.4	5.4	5.4	5.4	4.8	4.8	4.8	4.8	4.3	4.2	4.2	4.2	3.8	3.8	3.8	3.8	3.3	3.3	3.3	3.3	3.0	2.9	2.9	2.9	Amps	
426	422	420	419	381	377	376	375	339	335	334	333	300	296	295	294	264	260	259	258	230	226	224	223	Hi PR	
178	172	169	168	171	165	162	160	165	160	156	155	159	154	151	149	153	147	144	142	145	139	136	134	Lo PR	
22	56	29	31	21	24	28	30	21	25	28	30	21	25	28	30	21	25	28	30	21	25	28	30	ΔT	
0.84	1.00	1.00	1.00	0.79	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.75	0.89	1.00	1.00	0.72	0.87	1.00	1.00	0.71	0.86	1.00	1.00	S/T	
16.5	15.7	15.2	14.9	17.4	16.6	16.0	15.8	18.3	17.5	17.0	16.8	19.1	18.3	17.8	17.5	19.5	18.7	18.2	18.0	19.7	18.9	18.4	18.1	kBh	
1.42	1.41	1.41	1.41	1.28	1.27	1.27	1.27	1.15	1.15	1.15	1.15	1.04	1.04	1.04	1.04	0.94	0.93	0.94	0.94	0.85	0.84	0.84	0.85	ΚW	
5.4	5.4	5.4	5.4	4.8	4.8	4.8	4.8	4.3	4.2	4.2	4.2	3.8	3.7	3.8	3.8	3.3	3.3	3.3	3.3	2.9	2.9	2.9	2.9	Amps	
424	420	419	418	379	376	374	373	338	334	332	331	299	295	293	292	263	259	257	256	228	224	223	222	Hi PR	
176	171	167	166	169	164	160	159	163	158	155	153	158	152	149	147	151	145	142	140	143	138	134	133	Lo PR	
23	26	30	32	22	25	29	30	22	25	29	31	22	26	29	31	22	25	29	31	22	25	29	31	ΔT	
0.81	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.74	0.88	1.00	1.00	0.72	0.86	1.00	1.00	69.0	0.84	1.00	1.00	0.68	0.83	0.97	1.00	S/T	
16.3	15.5	15.0	14.7	17.1	16.3	15.8	15.6	18.1	17.3	16.8	16.5	18.9	18.1	17.5	17.3	19.3	18.5	18.0	17.8	19.5	18.7	18.2	17.9	kBh	
1.42	1.41	1.41	1.41	1.27	1.26	1.27	1.27	1.15	1.14	1.14	1.14	1.04	1.03	1.03	1.03	0.94	0.93	0.93	0.93	0.85	0.84	0.84	0.84	ΚW	
5.4	5.4	5.4	5.4	4.8	4.7	4.7	4.8	4.2	4.2	4.2	4.2	3.8	3.7	3.7	3.7	3.3	3.3	3.3	3.3	2.9	2.9	2.9	2.9	Amps	
423	419	418	417	378	374	373	372	336	332	331	330	297	294	292	291	261	258	256	255	227	223	222	221	Hi PR	
175	169	166	165	168	162	159	157	162	157	153	152	156	151	148	146	149	144	141	139	142	136	133	131	Lo PR	
23	27	31	32	22	56	29	31	23	56	30	31	23	26	30	32	23	56	30	32	23	56	30	32	ΔT	
0.77	1.00	1.00	1.00	0.72	1.00	1.00	1.00	0.70	0.84	1.00	1.00	0.68	0.82	1.00	1.00	0.65	0.80	1.00	1.00	0.64	0.79	0.93	1.00	S/T	
16.1	15.3	14.8	14.5	17.0	16.2	15.7	15.4	17.9	17.1	16.6	16.4	18.7	17.9	17.4	17.1	19.1	18.4	17.8	17.6	19.3	18.5	18.0	17.7	kBh	

												ō	JTDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	RATURE										
				65ºF	3 ō			75ºF	ξĘ			85ºF	<u>.</u>			95ºF	_ 			105ºF	ī.			115ºF		
												ENTERI	NG INDO	OR WET	ENTERING INDOOR WET BULB TEMPERATURE	EMPERA	TURE									
IDB	AIRFLOW	LOW	59	63	29	71	29	63	29	71	29	63	<b>29</b>	71	29	63	29	71	29	63	29	71	29	63	29	71
		kBh	17.5	17.7	18.2	19.0	17.3	17.5	18.1	18.9	16.9	17.1	17.6	18.4	16.1	16.3	16.8	17.6	15.1	15.4	15.9	16.7	14.3	.4.5	.5.0	15.8
		S/T	1.00	0.82	69.0	0.54	1.00	0.83	69.0	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.76	0.61	1.00	00	00.	29.0
		ΔT	28	56	23	19	28	56	23	19	28	26	23	19	28	56	23	19	28	56	22	19	29	27	23	20
	069	Lo PR	129	131	134	140	137	139	142	148	144	146	149	154	150	151	155	160	155	157	160	166	163	164	167	173
		Hi PR	220	220	222	226	254	255	256	260	290	291	293	296	329	330	331	335	371	372	373	377	416 4	417 ,	418	422
		Amps	2.9	2.9	2.9	2.9	3.3	3.3	3.3	3.3	3.7	3.7	3.7	3.8	4.2	4.2	4.2	4.2	4.7	4.7	4.7	4.8	5.4	5.4	5.4	5.4
		ΚW	0.84	0.84	0.84	0.84	0.93	0.93	0.93	0.94	1.03	1.03	1.03	1.04	1.14	1.14	1.14	1.15	1.27	1.26	1.26	1.27	1.41	41	1.41	1.41
		kBh	17.6	17.9	18.4	19.2	17.5	17.7	18.2	19.0	17.0	17.3	17.8	18.6	16.2	16.5	17.0	17.8	15.3	15.5	16.0	16.8	14.4	14.7	15.2	16.0
		S/T	1.00	98.0	0.73	0.58	1.00	0.87	0.73	0.59	1.00	1.00	92.0	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	1.00	0.71
		ΔT	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	22	18	28	26	23	19
80	260	Lo PR	131	132	136	141	139	140	143	149	145	147	150	156	151	153	156	161	157	158	162	167	164	166	169	174
		Hi PR	221	222	223	227	255	256	258	262	291	292	294	298	330	331	333	337	372	373	375	378	417 ,	418 ,	419	423
		Amps	2.9	2.9	2.9	2.9	3.3	3.3	3.3	3.3	3.7	3.7	3.7	3.8	4.2	4.2	4.2	4.2	4.8	4.8	4.7	4.8	5.4	5.4	5.4	5.4
		Χ×	0.84	0.84	0.84	0.85	0.93	0.93	0.93	0.94	1.04	1.04	1.03	1.04	1.15	1.15	1.14	1.15	1.27	1.27	1.27	1.27	1.41	1.41	1.41	1.42
		kBh	17.8	18.1	18.6	19.4	17.7	17.9	18.5	19.2	17.2	17.5	18.0	18.8	16.5	16.7	17.2	18.0	15.5	15.8	16.3	17.1	14.6	14.9	15.4	16.2
		S/T	1.00	06.0	92.0	0.61	1.00	06.0	0.76	0.62	1.00	1.00	0.79	0.64	1.00	1.00	0.81	99.0	1.00	1.00	0.83	0.68	1.00	1.00	1.00	0.74
		ΔT	56	24	21	17	56	24	21	17	27	25	21	18	26	24	21	17	76	24	21	17	27	25	22	18
	830	Lo PR	132	134	137	143	140	142	145	151	147	149	152	157	153	154	158	163	159	160	163	169	166	167	171	176
		HiPR	222	223	225	229	257	258	259	263	293	294	295	299	332	333	334	338	374	375	376	380	418 ,	419 ,	421	425
			2.9	5.9	2.9	2.9	3.3	3.3	3.3	3.3	3.8	3.8	3.8	3.8	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4
		ΚW	0.85	0.85	0.84	0.85	0.94	0.94	0.94	0.94	1.04	1.04	1.04	1.04	1.15	1.15	1.15	1.15	1.27	1.27	1.27	1.28	1.42	.42	1.41	1.42

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

830

												ľ°	UTDOOF	AMBIE	<b>OUTDOOR AMBIENT TEMPERATURE</b>	PERATUR	<u>ب</u>									
				65	65ºF			75	75ºF			85	85ºF			96	95≗F			105≗F	<b>J</b> ō			115ºF	L	
												ENTER	ING IND	OOR WI	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRF	AIRFLOW	26	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	59	63	29	7.1	29	63	29	71
		kBh	24.1	24.5	25.2		23.9	24.3	25.0	,	23.3	23.6	24.3	,	22.2	22.5	23.3	1	50.9	21.2	21.9	-	19.7	20.0	20.7	,
		S/T	0.62	0.55	0.41		0.63	0.55	0.42	1	0.65	0.58	0.44	,	1.00	09.0	0.46	,	1.00	0.62	0.48	1	1.00	79.0	0.54	-
		ΔT	20	19	15		20	19	15		21	19	15	,	20	18	15	1	20	18	15	_	21	19	16	
	069	Lo PR	125	127	130		133	134	138		139	141	144	,	145	147	150	1	151	152	155	_	158	159	162	
		Hi PR	229	230	232	1	265	266	268		303	304	305	1	343	344	346	1	387	388	390	1	434	435	437	,
		Amps	4.6	4.6	4.6		5.2	5.2	5.2	1	5.9	5.9	5.9	,	6.7	6.7	6.7	,	7.5	7.5	7.5	1	8.5	8.5	8.5	-
		ΚW	1.34	1.33	1.33		1.48	1.48	1.48	1	1.64	1.64	1.64	-	1.82	1.82	1.81	-	2.01	2.01	2.01	-	2.24	2.24	2.24	-
		kBh	24.4	24.7	25.4		24.2	24.5	25.2	,	23.5	23.9	24.6	,	22.4	22.8	23.5	1	21.1	21.5	22.2	-	19.9	20.3	21.0	
		S/T	99.0	0.59	0.45		0.67	0.59	0.46	1	0.70	0.62	0.48	1	1.00	0.64	0.50	-	1.00	99.0	0.53	1	1.00	0.71	0.58	-
		ΔT	20	18	14	1	20	18	14		20	18	14	1	20	18	14	1	19	17	14	3	21	19	15	,
2	260	Lo PR	127	128	131	1	134	136	139	,	141	142	146	1	146	148	151	ı	152	154	157	,	159	160	164	,
		Hi PR	230	231	233	1	266	267	569		304	305	307	,	345	346	347	,	389	390	391	,	435	436	438	,
		Amps	4.6	4.6	4.6		5.3	5.3	5.2	1	0.9	0.9	5.9	,	6.7	6.7	6.7	,	7.6	7.6	7.5	1	8.6	9.8	8.5	-
		KW	1.34	1.34	1.34		1.49	1.48	1.48	-	1.65	1.65	1.64	-	1.82	1.82	1.82	-	2.02	2.02	2.01	-	2.25	2.24	2.24	-
		kBh	24.6	25.0	25.7		24.4	24.8	25.5		23.8	24.1	24.9		22.7	23.1	23.8	-	21.4	21.7	22.5	-	20.2	20.5	21.2	
		S/T	69.0	0.62	0.48	1	0.70	0.62	0.49	1	0.72	0.65	0.51	1	1.00	0.67	0.53	1	1.00	69.0	0.55	1	1.00	0.74	09.0	1
		ΔT	19	17	13	1	19	17	13	1	19	17	14	,	19	17	13	,	19	17	13	_	20	18	14	,
	830	Lo PR	128	130	133	1	136	137	140	1	142	144	147	,	148	149	153		153	155	158	_	160	162	165	,
		Hi PR	232	233	234		268	569	270	1	306	307	308	1	346	347	349		390	391	393	,	437	438	439	1
		Amps	4.6	4.6	4.6		5.3	5.3	5.3	1	0.9	0.9	6.0	1	6.7	6.7	6.7		7.6	7.6	7.6	,	8.6	8.6	9.8	1
		××	1.35	1.34	1.34		1.49	1.49	1.49		1.65	1.65	1.65	1	1.83	1.83	1.82	-	2.02	2.02	2.02	1	2.25	2.25	2.25	

																						ľ				ſ
		kBh	24.1	24.5	25.2	26.3	23.9	24.3	25.0	26.1	23.3	23.6	24.4	25.5	22.2	22.6	23.3	24.4	20.9	21.2	22.0	23.1	19.7	20.0	20.8	21.8
		S/T	0.75	0.68	0.54	0.40	0.76	0.68	0.55	0.40	1.00	0.71	0.57	0.43	1.00	0.73	0.59	0.45	1.00	0.75	0.61	0.47	1.00	1.00	99.0	0.52
		ΔT	25	23	19	15	25	23	19	15	25	23	19	16	25	23	19	15	24	22	19	15	56	24	20	16
	069	Lo PR	125	127	130	135	133	134	138	143	139	141	144	150	145	147	150	155	151	152	155	161	158	159	162	168
		Hi PR	229	230	232	236	265	566	268	272	303	304	306	310	344	345	346	350	387	388	390	394	434	435	437	441
		Amps	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.3	5.9	5.9	5.9	0.9	6.7	6.7	6.7	6.7	7.5	7.5	7.5	7.6	8.5	8.5	8.5	8.6
		ΚW	1.33	1.33	1.33	1.34	1.48	1.48	1.48	1.49	1.64	1.64	1.64	1.65	1.82	1.81	1.81	1.82	2.01	2.01	2.01	2.02	2.24	2.24	2.24	2.25
		kBh	24.4	24.7	25.4	26.5	24.2	24.5	25.2	26.3	23.5	23.9	24.6	25.7	22.5	22.8	23.5	24.6	21.1	21.5	22.2	23.3	19.9	20.3	21.0	22.1
		S/T	0.79	0.72	0.58	0.44	1.00	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.65	0.51	1.00	1.00	0.71	95.0
		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
75	260	Lo PR	127	128	131	137	134	136	139	144	141	142	146	151	146	148	151	157	152	154	157	162	159	160	164	169
		Hi PR	231	232	233	237	267	268	269	273	304	305	307	311	345	346	348	352	389	390	391	395	436	437	438	442
		Amps	4.6	4.6	4.6	4.7	5.3	5.2	5.2	5.3	0.9	5.9	5.9	0.9	6.7	6.7	6.7	6.7	7.6	7.6	7.5	7.6	8.6	8.6	8.5	9.8
		ΚW	1.34	1.34	1.34	1.35	1.48	1.48	1.48	1.49	1.65	1.65	1.64	1.65	1.82	1.82	1.82	1.83	2.02	2.01	2.01	2.02	2.25	2.24	2.24	2.25
		kBh	24.7	25.0	25.7	26.8	24.4	24.8	25.5	26.6	23.8	24.2	24.9	26.0	22.7	23.1	23.8	24.9	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4
		S/T	0.82	0.74	0.61	0.47	1.00	0.75	0.62	0.47	1.00	0.78	0.64	0.50	1.00	0.79	99.0	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.73	0.59
		ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15
	830	Lo PR	128	130	133	138	136	137	140	146	142	144	147	152	148	149	153	158	153	155	158	164	160	162	165	170
		Hi PR	232	233	235	239	268	569	271	275	306	307	308	312	346	347	349	353	390	391	393	397	437	438	440	444
		Amps	4.6	4.6	4.6	4.7	5.3	5.3	5.3	5.3	0.9	0.9	0.9	0.9	6.7	6.7	6.7	8.9	7.6	7.6	7.6	7.6	8.6	9.8	9.8	9.8
		KW	1.34	1.34	1.34	1.35	1.49	1.49	1.49	1.50	1.65	1.65	1.65	1.66	1.83	1.82	1.82	1.83	2.02	2.02	2.02	2.03	2.25	2.25	2.25	2.26
IDB = Ent	ering Inc	IDB = Entering Indoor Dry Bulb Temperature	Bulb Tem	perature										Sha	Shaded area is ACCA (TVA) conditions	ו is ACCA	(TVA) co	nditions						kW = To	kW = Total system power	power ר
High and	low pres	High and low pressures are measured at the liquid and suction service valves.	measure	ed at the	liquid an	d suction	service v	alves.														Amp	s = outdo	or unit a	Amps = outdoor unit amps (comp.+fan	np.+fan)

0.69

0.83

21.1

20.1 1.00

23.4 0.64

22.3 0.78

21.6 1.00

24.7 0.61 19 157 352

23.6 0.76

22.9

22.6 1.00

25.8

24.0

1.00

0.60

0.74

0.87

1.00

1.00

20 169 443 8.6

439

8.5 2.24

8.6

164

161 437

159 436 8.6

163 396

157 392

154

153 389

152 348

149 346

147

151

146 307

143 306

145

139 270

136 268

137

132 234

129

127 231

Lo PR Hi PR

760

8

28

232

19

23

28 135 267 5.3

238

19

1413056.0

274

28

19

26

345

311 6.0

6.7 1.82

6.0 1.65

26

390

19

168

163

160

158 435 8.5

161

156 390

153

156 351 6.7

150

147 345

146 344 6.7

150 310

145 306

142 304

140 303 5.9 1.64 23.7

143

135 267

136 236

131 232

127

126 230

Lo PR Hi PR

069

 ${\rm T} \Delta$ 

231 4.6

133 266

268

389

388

347

6.7

6.7 1.82

6.0

29

63

29

63

**ENTERING INDOOR WET BULB TEMPERATURE** 

63

**6**2

63

29

**29** 

63

AIRFLOW

IDB

**OUTDOOR AMBIENT TEMPERATURE** 

85ºF

75ºF

65<u>°</u>F

1.00

1.00

0.60

0.57

0.70

0.67

0.81

1.00

0.80

1.00

kBh S/T

115ºF

105ºF

441

437

8.6 2.25 22.2

8.5

8.5 2.24 20.4 1.00

7.6

7.5

2.02

2.01

2.01

2.01

1.82

1.81

1.82

1.65

1.64 24.7

1.64

1.49 26.4 0.57

1.48 25.3 0.71

1.48

1.48 24.3 1.00

4.6

4.6 1.33

4.6

Amps

≷ kBh S/T

24.6 0.85

0.56

0.71

0.84

1.00

26.7

25.6

24.8

24.5

22.5 0.72

21.4

20.3 1.00

23.7

22.6 0.81

21.9 1.00

25.0

23.9 0.78

23.2

22.9

26.1

25.0 0.77

24.3 0.90

23.9

0.60

0.74

0.88

25.6

24.9

26.9 0.59

25.8 0.73

25.1 0.87

24.8 1.00

1.00

1.00

0.62

27

18

98.0

1.00

99.0

1.00

0.64

171 444

440

166

162 438

161 437

159

156 392

159 353

150 348

149 347

313

148 309

144 307

143 306

146 275

141

138 269

139

133 235

129 232

Lo PR

830

233

Hi PR

⋛

27 136 268

18

22

25

27

271

18

18

22

25

393

391

1.83

19

23

26

2.25

2.24 20.7

2.02

2.01

2.02

2.02

1.83

1.82

1.82

1.65

1.64

1.65

1.49 26.7

1.48

1.48

1.49 24.6 1.00

1.35

1.34

1.34

1.34

⋛ kBh S/T  ${\rm T} \Delta$ 

4.7

4.6

4.6

4.6

Amps

7.6

7.6

condition
(AVT)
AHRI
.2
area
aded
S

		kBh	24.7	25.0	25.7	26.8	24.5	24.8	25.5	26.6	23.8	24.2	24.9	26.0	22.7	23.1	23.8	24.9	21.4	21.8	22.5	23.6	20.2	20.6	21.3	7
		S/T	1.00	0.90	0.77	0.62	1.00	1.00	0.77	0.63	1.00	1.00	0.80	99.0	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.70	1.00	1.00	1.00	O
		ΔT	33	31	27	24	33	31	27	23	33	31	27	24	33	31	27	23	32	30	27	23	34	32	28	
	069	Lo PR	128	129	132	138	135	137	140	145	142	143	147	152	148	149	152	158	153	155	158	163	160	162	165	٠.
		Hi PR	231	232	233	237	267	268	269	273	304	305	307	311	345	346	348	352	389	390	392	396	436	437	438	~
		Amps	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.3	5.9	5.9	5.9	0.9	6.7	6.7	6.7	6.7	7.6	7.5	7.5	7.6	8.5	8.5	8.5	
		KW	1.34	1.34	1.33	1.35	1.48	1.48	1.48	1.49	1.64	1.64	1.64	1.65	1.82	1.82	1.82	1.83	2.01	2.01	2.01	2.02	2.24	2.24	2.24	2.25
		kBh	24.9	25.3	26.0	27.1	24.7	25.0	25.8	26.9	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.8	21.5	7
		S/T	1.00	0.94	0.81	0.67	1.00	1.00	0.81	0.67	1.00	1.00	0.84	0.70	1.00	1.00	98.0	0.72	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0
		ΔT	32	30	56	23	32	30	26	23	32	30	27	23	32	30	56	23	32	30	56	22	33	31	27	
82	260	Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	150	154	159	154	156	159	164	161	163	166	
		Hi PR	232	233	235	239	268	569	271	275	306	307	308	312	347	348	349	353	390	391	393	397	437	438	440	7
		Amps	4.6	4.6	4.6	4.7	5.3	5.3	5.3	5.3	0.9	0.9	0.9	0.9	6.7	6.7	6.7	8.9	7.6	7.6	7.6	7.6	9.8	8.6	9.8	8.6
		KW	1.34	1.34	1.34	1.35	1.49	1.49	1.48	1.50	1.65	1.65	1.65	1.66	1.82	1.82	1.82	1.83	2.02	2.02	2.02	2.03	2.25	2.25	2.24	2
		kBh	25.2	25.5	26.2	27.3	25.0	25.3	26.0	27.1	24.3	24.7	25.4	26.5	23.3	23.6	24.3	25.4	21.9	22.3	23.0	24.1	20.7	21.1	21.8	( 7
		S/T	1.00	0.97	0.83	69.0	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	1.00	0.76	1.00	1.00	1.00	_
		ΔT	31	29	56	22	31	29	56	22	31	29	26	22	31	59	56	22	31	29	25	22	32	30	27	
	830		131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	161	166	163	164	168	
		Hi PR	233	234	236	240	569	270	272	276	307	308	310	314	348	349	351	354	392	393	394	398	439	440	441	
		Amps	4.7	4.7	4.6	4.7	5.3	5.3	5.3	5.3	0.9	0.9	0.9	0.9	6.7	6.7	6.7	8.9	7.6	7.6	7.6	7.6	9.8	8.6	9.8	
		ΚW	1.35	1.35	1.34	1.36	1.49	1.49	1.49	1.50	1.65	1.65	1.65	1.66	1.83	1.83	1.83	1.84	2.02	2.02	2.02	2.03	2.25	2.25	2.25	(7
IDB = EI	ntering	IDB = Entering Indoor Dry Bulb Temperature	/ Bulb Ter	nperature	4:									SF	aded are	a is AHR	Shaded area is AHRI (TVA) conditions	nditions						kW = Total system power	al syster	μ
High an	d low pre	High and low pressures are measured at the liquid and suction service valves.	e measur	ed at the	liquid ar	nd suction	n service	valves.														Amp	Amps = outdoor unit amps (comp.+fan	or unit ar	nps (cor	μ

SS-ASXC18

												ő	JTDOOR	OUTDOOR AMBIENT TEMPERATURE	T TEMPE	RATURE										
				65ºF	P.			75	75ºF			85ºF	<u>.</u>			95≗F				105ºF				115ºF		
							ĺ		ĺ		ĺ	ENTERI	NG INDC	<b>NG INDOOR WET</b>	BULB	TEMPERATURE	rure				l					
IDB	AIRF	NOT	59	63	29	71	29	63	29	71	59	63	29	71		63	29	71			29	71   5			2   29	7.1
		kBh	25.6	25.9	26.7	1	25.3	25.7	26.4	,	24.7	25.0	25.8	,	•	23.9	24.6	,			3.2	- 20			0:	,
	,	T/S	0.63	0.55	0.42		0.63	0.56	0.42	1	0.66	0.58	0.45	1	_	0.60	0.47	1		_	.49	<u> </u>	1.00 0.0	0.68 0.	0.54	1
		⊲	70	8	T2		70	T8	15	ı	7.1	T o	TP	1		T8	T2	ı			14				9	1
	920	Lo PR	127	128	131	,	134	136	139		141	143	146	1		148	151				157	- 1			164	1
		Į,	232	233	235		269	270	2/2	ı	30/	308	310	ı		350	351	1			396	- 4			443	1
		Amps	4.2	4.2	4.2		x: 4 x: 4	y. 4 x. 5	8: 4 8: 4:	1	ر. ر- 1	ردر 1 <sub>-1</sub>	ر. 1-1	1		6.3	7.0				/.I	, xx			0.8	
		<u> </u>	17.7	17.1	1.21	·[	1.30	1.35	1.35	·	1.51	1.51	1.51	+			1.08	<u> </u>		1	1.8/	7			20 0	<u>,                                    </u>
		KBh 25.8	25.8	26.2	26.9	'	25.6	25.9	26.7	1	24.9	25.3	26.0		23.8	24.1	24.9	1	22.4	22.7	23.5	- 2	21.1 21	21.4 22	22.2	1
		- /c - ×	0.0	10.09	0.40		0.0	0.00	0.40	1	0.70	107	0.49	ı			177					-i ` 			0 4	
5	1050	12 0	128	130	133		136	137	140		14.2	177	177				153				14 78				o K	
?	2	H. P.	234	235	736	_	270	271	273		309	310	311				353			395	397			443 44	5.	
		Amps	4.2	4.2	4.2	1	4.9	4.9	8.4	1	5.5	5.5	5.5	1			6.3	1			7.1	- 00			8.1	
		- <u>&gt;</u>	1.22	1.22	1.22		1.36	1.36	1.36	1	1.52	1.52	1.51	1			1.68	-			1.88	- 2.			10	,
		kBh	26.1	26.4	27.2	-	25.8	26.2	27.0	1	25.2	25.5	26.3				25.2	,		23.0	3.8	- 2:		21.7 22	22.5	<u> </u>
		S/T	69.0	0.62	0.48	1	0.70	0.62	0.49	,	1.00	0.65	0.51	,	_		0.53	1			0.56	- T			61	,
		ΔT	19	17	13		19	17	13	,	19	17	14	'			13	-			13				14	
	1150	Lo PR	129	131	134	1	137	139	142	1	144	145	149	1		151	154	-			160	-			167	-
		Hi PR	235	236	238	1	272	273	274	1	310	311	313	1		352	354	-			398	- 4			16	-
		Amps	4.3	4.3	4.2	1	4.9	4.9	4.9	,	5.6	5.6	5.5	1		6.3	6.3	1			7.1				τ.	
		ΚW	1.22	1.22	1.22	-	1.36	1.36	1.36	1	1.52	1.52	1.52	1		1.69	1.69	-		1.88	1.88	- 2.			2.10	-
														}				<del> </del>				<b> </b>				
		kBh	25.6	25.9	26.7	27.9	25.3	25.7	26.5	27.6	24.7	25.0	25.8							22.5						23.1
		S/T	92.0	0.68	0.55	0.40	1.00	69.0	0.55	0.41	1.00	0.71	0.58													.53
		ΔT	24	23	19	15	24	23	19	15	25	23	19													16
	920	Lo PR	127	128	131	137	134	136	139	144	141	143	146													69
		Hi PR	233	234	235	239	269	270	272	276	308	309	310													47
		Amps	4.2	4.2	4.2	4.3	4 , 8 ,	8. 4 8. 5	8. 4 8. 5	4.9	٠. د. د	۲. ۲. ۲	٠. ۲. ک													2.1
		V 2	1.21	76.2	17.7	22.1	25.6	25.0	76.7	27.0	27.91	75.3	1.2.1	╫				+				╫				OT. F
		T/S	0.80	0.72	0.59	0.44	1.00	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	0.77	0.64	0.49	1.00	1.00	0.66	0.52 1.	1.00 1.0	1.00 0.1	0.71 0.	0.57
		ΔT	24	22	18	15	24	22	18	14	24	22	18									_				15
75	1050	Lo PR	128	130	133	138	136	137	140	146	142	144	147													71
		Hi PR	234	235	237	241	271	272	273	277	309	310	312	_								_				49
		Amps	4.2	4.2	4.2	4.3	4.9	4.8	4.8	4.9	5.5	5.5	5.5	_								_				3.1
		ΚW	1.22	1.22	1.21	1.23	1.36	1.36	1.36	1.37	1.52	1.52	1.51	$\dashv$				$\dashv$				$\dashv$				.11
		kBh	26.1	26.4	27.2	28.4	25.9	26.2	27.0	28.1	25.2	25.6	26.3								23.8 2					3.7
		S/T	0.82	0.75	0.61	0.47	1.00	0.75	0.62	0.47	1.00	0.78	0.64													.59
		ΔT	23	21	18	14	23	21	17	14	23	21	18	_								_				15
	1150	Lo PR	129	131	134	140	137	139	142	147	144	145	149											164 10		72
		H. PR	235	236	238	242	272	273	275	279	310	311	313									_				20
		Ambs	4.3	4.3	4.2	4.3	4.9	4.9	4.9	4.9	2.6	2.6	5.5													8.1
		Š	1.22	1.22	1.22	1.23	1.36	1.36	1.36	1.37	1.52	1.52	1.52	-		-	ł	-				$\dashv$				.11

Shaded area is ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

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

kW = Total system power Amps = outdoor unit amps (comp.+fan)
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power n +fan)	kW = Total system power	:W = Tota	kW = Total system power	Δ				nditions	Shaded area is AHRI (TVA) condition	a is AHRI	aded are	Sh						soyley		7	1	nperature	Bulb Ten	IDB = Entering Indoor Dry Bulb Temperature	_
2.12	2.11	2.11	2.11	1.89	1.88	1.88	1.89	1.70	1.69	1.69	1.70	1.53	1.52	1.52	1.52	1.37	1.36	1.37	1.37	1.23	1.22	1.22	1.23	≥	_
8.1	8.1	8.1	8.1	7.2	7.1	7.1	7.1	6.3	6.3	6.3	6.3	5.6	9.6	9.5	5.6	4.9	4.9	4.9	4.9	4.3	4.3	4.3	4.3	Amps	_
452	448	446	445	404	400	399	398	360	356	354	353	318	314	313	312	280	276	274	273	244	240	238	237	Hi PR	
175	169	166	165	168	162	159	158	162	157	154	152	156	151	148	146	150	144	141	140	142	137	133	132	Lo PR	
23	26	30	32	21	25	29	31	22	25	53	31	22	56	29	31	22	25	29	31	22	78	29	31	ΔΤ	
0.82	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.75	0.89	1.00	1.00	0.73	0.87	1.00	1.00	0.70	0.85	1.00	1.00	0.70	0.84	0.98	1.00	S/T	
24.2	23.1	22.3	21.9	25.5	24.3	23.6	23.2	26.9	25.7	25.0	24.6	28.0	26.9	26.1	25.8	28.7	27.5	26.8	26.4	28.9	27.8	27.0	26.6	kBh	
2.11	2.10	2.10	2.10	1.89	1.88	1.88	1.88	1.70	1.69	1.69	1.69	1.53	1.52	1.52	1.52	1.37	1.36	1.36	1.36	1.23	1.22	1.22	1.22	Χ	- 1
8.1	8.1	8.1	8.1	7.2	7.1	7.1	7.1	6.3	6.3	6.3	6.3	5.6	5.5	5.5	5.6	4.9	4.9	4.9	4.9	4.3	4.2	4.3	4.3	Amps	
450	446	445	444	403	399	397	396	358	354	353	352	317	313	311	310	279	275	273	272	242	238	237	236	Hi PR	
173	168	165	163	166	161	158	156	161	155	152	151	155	150	146	145	148	143	140	138	141	135	132	130	Lo PR	1050
23	27	31	33	22	56	29	31	22	26	30	32	23	56	30	32	22	56	30	32	23	78	30	32	ΔT	
0.79	1.00	1.00	1.00	0.74	1.00	1.00	1.00	0.72	98.0	1.00	1.00	0.70	0.84	1.00	1.00	0.68	0.82	1.00	1.00	0.67	0.81	0.95	1.00	S/T	
23.9	22.8	22.0	21.7	25.2	24.1	23.3	22.9	56.6	25.5	24.7	24.3	27.8	26.6	25.8	25.5	28.4	27.3	26.5	26.1	28.7	27.5	26.7	26.4	kBh	
2.11	2.10	2.10	2.10	1.88	1.87	1.88	1.88	1.69	1.68	1.68	1.69	1.52	1.51	1.51	1.52	1.36	1.35	1.36	1.36	1.22	1.21	1.22	1.22	ΚW	
8.1	8.1	8.1	8.1	7.1	7.1	7.1	7.1	6.3	6.3	6.3	6.3	5.6	5.5	5.5	5.5	4.9	4.8	4.8	4.8	4.3	4.2	4.2	4.2	Amps	
449	445	443	442	401	397	396	395	357	353	351	350	316	312	310	309	277	273	272	271	241	237	235	234	Hi PR	
172	167	163	162	165	160	156	155	159	154	151	149	154	148	145	144	147	142	138	137	139	134	131	129	Lo PR	950
24	28	31	33	23	27	30	32	23	27	30	32	24	27	31	33	23	27	31	32	23	27	31	32	ΔT	
0.75	1.00	1.00	1.00	0.70	1.00	1.00	1.00	0.68	0.82	1.00	1.00	99.0	0.80	1.00	1.00	0.64	0.78	1.00	1.00	0.63	0.77	0.91	1.00	S/T	
23.7	22.5	21.8	21.4	25.0	23.8	23.1	22.7	26.4	25.2	24.5	24.1	27.5	26.4	25.6	25.2	28.2	27.0	26.3	25.9	28.4	27.2	26.5	26.1	kBh	

												ŏ	JTDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	RATURE										
				65ºF	Į.			75ºF	l H			85ºF	<u>ب</u> يا			95ºF				105ºF				115ºF		
												ENTER	NG INDC	OR WEI	ENTERING INDOOR WET BULB TEMPERATURE	MPERA	URE									
IDB	AIRFLOW	MOT	59	63	29	71	29	63	29	71	29	63	29	7.1	29	63	29	71	59	69	29	71	29	9   69	.   19	71
		kBh	25.7	26.1	26.8	28.0	25.5	25.8	26.6	27.8	24.8	25.2	25.9	27.1	23.7	24.0	24.8	25.9	22.3	22.6	23.4 2	24.5   2	21.0 2	1.3 2.	2.1 2:	23.3
		S/T	1.00	0.81	0.67	0.53	1.00	0.81	0.68	0.53	1.00	0.84	0.70	0.56	1.00	1.00	0.72	0.58	1.00 1	00	0.74 0	0.60	1.00 1	0 00.1	0.80	0.65
		ΔT	59	27	23	20	29	27	23	19	29	27	23	20	29	27	23	19	28	26	23	19	30	28 2	24 2	70
	920	Lo PR	127	129	132	137	135	136	140	145	142	143	146	152	147	149	152	157	153	154	158	[63	160 1	161 1	165 1	
		Hi PR	233	234	236	240	270	271	272	276	308	309	311	315	349	350	352	356	394	395	7 968	400	441 4	442 4	444 4	448
		Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.9	5.5	5.5	5.5	5.6	6.3	6.3	6.2	6.3	7.1	7.1	7.1	7.1	8.1 8	8.1 8	8.0 8	8.1
		ΚW	1.21	1.21	1.21	1.22	1.35	1.35	1.35	1.36	1.51	1.51	1.51	1.52	1.68	1.68	1.68	1.69	1.87 1	87	87 1	1.88   2	2.10 2	2.10 2.	2.09 2.	2.10
		kBh	25.9	26.3	27.1	28.2	25.7	26.1	26.8	28.0	25.1	25.4	26.2	27.3	23.9	24.3	25.0	26.2	22.5	22.9	23.6 2	24.8   2	21.2 2	21.6 2.	22.4 2	23.5
		S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	09.0	1.00	1.00	92.0	0.62	1.00	1.00	0.78 0	0.64	1.00 1	1.00 0.	0.84 0.	69.0
		ΔT	28	26	22	19	28	26	22	19	28	26	23	19	28	26	22	19	28	26	22	18	29	27 2	23 2	20
80	1050	Lo PR	129	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159 1	164	161 1	163 1	166 1	171
		Hi PR	234	235	237	241	271	272	274	278	309	310	312	316	351	352	353	357	395	396	398	402   4	443 4	444 4	445 4	449
		Amps	4.2	4.2	4.2	4.3	4.9	4.9	4.8	4.9	5.5	5.5	5.5	5.6	6.3	6.3	6.3	6.3	7.1	7.1	7.1	7.1	8.1 8	8.1 8	8.1 8	8.1
		ΚW	1.22	1.22	1.22	1.23	1.36	1.36	1.36	1.37	1.52	1.52	1.51	1.52	1.69	1.69	1.68	1.70	1.88 1	1.88	1.88 1	1.89   2	2.10 2	2.10 2.	2.10 2.	2.11
		kBh	26.2	26.6	27.3	28.5	26.0	26.4	27.1	28.3	25.3	25.7	26.4	27.6	24.2	24.5	25.3	26.5	22.8 2	23.1 2	23.9 2	25.1   2	21.5 2	21.9 2.	22.6 23	23.8
		S/T	1.00	0.87	0.74	0.59	1.00	0.88	0.74	09.0	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	00.1	0.81 0	0.67	1.00 1	1.00 1.	1.00 0.	0.72
		ΔT	27	25	22	18	27	25	22	18	27	56	22	18	27	25	22	18	27	25	21	18	28	26 2	23 1	19
	1150	Lo PR	130	132	135	140	138	139	142	148	144	146	149	155	150	152	155	160	156	157	160	991	163 1	164 1	167 1	173
		Hi PR	236	237	238	242	272	273	275	279	311	312	313	317	352	353	355	359	396	397	399	403 /	444 7	445 4	447 4	451
		Amps	4.3	4.3	4.2	4.3	4.9	4.9	4.9	4.9	9.9	9.9	5.5	5.6	6.3	6.3	6.3	6.3	7.1	7.1	7.1	7.2	8.1 8	8.1 8	8.1 8	8.1
		ΚW	1.22	1.22	1.22	1.23	1.36	1.36	1.36	1.37	1.52	1.52	1.52	1.53	1.69	1.69	1.69	1.70	1.88 1	1.88	88	.89	2.11 2	2.11 2.	2.10 2.	2.11

													UTDOO!	AMBIE	<b>OUTDOOR AMBIENT TEMPERATURE</b>	'ERATUF	<u>پر</u>									
				65ºF	9£			7.	75 <u>º</u> F			85	85ºF			36	95ºF			105ºF	ЬĒ			115ºF		
												ENTER	ING IND	OOR WE	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRF	AIRFLOW	65	63	62	71	65	63	<b>29</b>	71	29	E9	<b>49</b>	71	29	63	29	71	26	63	29	71	26	63	29	71
		kBh	35.5	36.0	37.1		35.2	35.7	36.8		34.3	34.8	35.8	-	32.7	33.2	34.2	-	30.7	31.2	32.3	1	29.0 2	29.5	30.5	
		S/T	0.61	0.53	0.40	ı	0.61	0.54	0.41	ı	0.64	0.56	0.43	-	99.0	0.58	0.45	-	1.00	0.61	0.47	1	1.00 C	0.66	0.52	_
		ΔT	21	19	15	ı	21	19	15	ı	21	19	16	-	21	19	15	-	21	19	15	_	22	20	16	_
	950	Lo PR	123	125	128	1	131	132	135	1	137	139	142	1	143	144	147	1	148	150	153	1	155 1	156	159	,
		Hi PR	243	244	246	ı	281	282	284	1	321	322	324	1	365	366	367	'	411	412	414		461 4	462 4	463	_
		Amps	6.7	6.7	6.7	1	7.7	7.7	7.7		8.8	8.8	8.8	,	10.0	6.6	6.6	'	11.3	11.3	11.2	_	12.8 1	12.8 1	12.8	_
		ΚW	1.93	1.93	1.92	1	2.15	2.15	2.15	ı	2.40	2.40	2.40	-	2.68	2.67	2.67	1	2.98	2.98	2.97	-	3.33 3	3.33 3	3.33	
		kBh	35.9	36.4	37.4		32.6	36.1	37.1	1	34.6	35.1	36.2	-	33.0	33.5	34.6	1	31.1	31.6	32.7	-	29.3	29.8	30.9	
		S/T	0.65	0.58	0.44	1	99.0	0.58	0.45	1	0.68	0.61	0.47	,	1.00	0.63	0.49	,	1.00	0.65	0.52	-	1.00 C	0.70	0.57	_
		ΔT	20	18	15	1	20	18	14	1	20	18	15	1	20	18	14	1	20	18	14	1	21	19	15	,
2	1050	Lo PR	124	126	129	1	132	133	137		138	140	143	,	144	146	149	'	149	151	154	_	156 1	158	161	_
		Hi PR	245	246	247	1	283	284	286	1	323	324	326	1	366	367	369	1	413	414	415	-	462 4	463 4	465	,
		Amps	6.7	6.7	6.7	ı	7.7	7.7	7.7	1	8.8	8.8	8.8	-	10.0	10.0	10.0	1	11.3	11.3	11.3	-	12.9 1	12.8 1	12.8	,
		ΚW	1.94	1.94	1.93	,	2.16	2.16	2.16	1	2.41	2.41	2.41	-	2.68	2.68	2.68	-	2.99	2.99	2.98	-	3.34 3	3.34 3	3.34	
		kBh	36.3	36.8	37.9	,	36.0	36.5	37.5	1	35.1	35.6	36.6	-	33.5	34.0	35.0	1	31.5	32.0	33.1	1	29.7 3	30.2	31.3	
		S/T	0.68	09.0	0.47	1	0.68	0.61	0.48		0.71	0.63	0.50	1	1.00	0.65	0.52	'	1.00	0.67	0.54	_	1.00 C	0.73 C	0.59	,
		ΔT	19	17	14	1	19	17	14	1	20	18	14		19	17	14	1	19	17	13		20	18	15	,
	1150	Lo PR	126	127	131	ı	133	135	138	1	140	141	145	-	146	147	150	1	151	152	156		158 1	159	162	-
		Hi PR	246	247	249	ı	284	285	287	1	324	325	327	-	368	369	370	1	414	415	417	-	464 4	465 4	467	-
		Amps	8.9	8.9	8.9	ı	7.8	7.7	7.7	1	8.8	8.8	8.8	1	10.0	10.0	10.0	1	11.3	11.3	11.3	1	12.9 1	12.9 1	12.9	,
		KW	1.95	1.94	1.94	1	2.17	2.17	2.16	1	2.42	2.42	2.41	-	2.69	2.69	2.69	-	2.99	2.99	2.99	1	3.35 3	3.35 3	3.34	

	_	>	)	)	;	-	7.7	۲:۲	1		1	1	1	_	0	0	)		, ,	5	1:00		)	)	)	
		kBh	35.5	36.0	37.1	38.7	35.2	35.7	36.8	38.4	34.3	34.8	35.9	37.5	32.7	33.2	34.3	35.9	30.8		32.3	33.9	29.0	29.5	30.5	32.2
		S/T	0.73	99.0	0.53	0.39	0.74	0.67	0.53	0.39	1.00	69.0	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.73	09.0	0.46	1.00	1.00	0.65	0.51
		ΔT	25	23	20	16	25	23	20	16	56	24	20	16	25	23	20	16	25	23	19	16	26	24	21	17
	950	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
		Hi PR	243	244	246	250	281	283	284	288	322	323	324	329	365	366	367	372	411	412	414	418	461	462	464	468
		Amps	6.7	6.7	6.7	6.8	7.7	7.7	7.7	7.7	89. 89.	8.8	8.7	8.8	6.6	6.6	6.6	10.0	11.3	11.3	11.2	11.3	12.8	12.8	12.8	12.9
		KW	1.93	1.93	1.92	1.94	2.15	2.15	2.15	2.16	2.40	2.40	2.40	2.41	2.67	2.67	2.67	2.69	2.98	2.98		2.99	3.33	3.33	3.33	3.34
		kBh	35.9	36.4	37.5	39.1	35.6	36.1	37.1	38.8	34.7	35.2	36.2	37.8	33.1	33.6	34.6	36.2	31.1			34.3	29.3	29.8	30.9	32.5
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	09.0	0.46		0.75	0.62	0.48	1.00			0.50	1.00	1.00	69.0	0.55
		ΔT	25	23	19	15	25	23	19	15	25	23	19	15	24	23	19	15	24		19	15	25	23	20	16
75	1050	Lo PR	125	126	129	134	132	133	137	142	139	140	143	148		146	149	154	149	151		159	156	158	161	166
		Hi PR	245	246	248	252	283	284	286	290	323	324	326	330		367	369	373	413	414	416	420	463	464	465	469
		Amps	6.7	6.7	6.7	6.8	7.7	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.0	11.3	11.3		11.4	12.8	12.8	12.8	12.9
		KW	1.94	1.93	1.93	1.95	2.16	2.16	2.16	2.17	2.41	2.41	2.41	2.42		2.68	2.68	2.69	2.99	2.98		3.00	3.34	3.34	3.34	3.35
		kBh	36.3	36.8	37.9	39.5	36.0	36.5	37.6	39.2	35.1	35.6	36.6	38.2	33.5	34.0		36.7				34.7	29.8	30.3	31.3	32.9
		S/T	0.80	0.73	09.0	0.46	1.00	0.74	09.0	0.46	1.00	92.0	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80		0.53	1.00	1.00	0.72	0.58
		ΔT	24	22	18	14	24	22	18	14	24	22	18	15	24	22		14			18	14	25	23	19	15
	1150	Lo PR	126	128	131	136	133	135	138	143	140	142	145	150	146	147	150	155	151	152		161	158	159	162	168
		Hi PR	246	247	249	253	285	286	287	292	325	326	327	332	368	369	371	375	414	415	417	421	464	465	467	471
		Amps	8.9	8.9	8.9	8.9	7.8	7.7	7.7	7.8	89. 80.	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.9	12.9	12.9	12.9
		KW	1.94	1.94	1.94	1.96	2.17	2.17	2.16	2.18	2.42	2.42	2.41	2.43	2.69	2.69	2.68	2.70	2.99	2.99	2.99	3.00	3.35	3.35	3.34	3.36
IDB = En	IDB = Entering Indoor Dry Bulb Temperature	door Dry i	Bulb Tem	perature										Shē	Shaded area is ACCA (TVA) conditions	is ACCA	(TVA) cor	nditions					_	kW = Tot	kW = Total system power	n power
High and	High and low pressures are measured at the liquid and suction service valves.	sures are	measure	ed at the	liquid an	d suction	service v	alves.														Amps	Amps = outdoor unit amps (comp.+fan	or unit ar	mps (com	p.+fan)
J																										

												Ō	TDOOR	OUTDOOR AMBIENT TEMPERATURE	T TEMPE	RATURE										
					65ºF			75	75ºF			85ºF	ī			95≗F	L			105≗F	_			115ºF		
												ENTERI	NG INDO	ENTERING INDOOR WET BULB TEMPERATURI	BULB T	EMPERA	TURE									
IDB	AIRF	AIRFLOW	29	63	<b>29</b>	71	29	63	29	71	59	63	29	71	29	63	29	71	26	63	<b>29</b>	71	29	9   69	.   29	71
		kBh	35.7	36.2	37.3	38.9	35.4	35.9	37.0	38.6	34.5	35.0	36.0	37.7	32.9	33.4	34.4	36.1	30.9	31.4	32.5	34.1   3	29.2 2	9.7	3.7 3	32.3
		L/S	1.00	0.78	0.65	0.51	1.00	0.79	99.0	0.52	1.00	0.81	0.68	0.54	1.00	0.83	0.70	0.56	1.00	1.00	0.72	0.58	00	0 00.	77 0	0.63
		ΔT	30	28	24	20	30	28	24	20	30	28	24	21	30	28	24	20	29	28	24	20	31	29	25	21
	920	Lo PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	158	155 1	57 1	60 1	165
		Hi PR	244	245	246	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	414	419	461 4	462 4	464 4	468
		Amps	6.7	6.7	6.7	8.9	7.7	7.7	7.7	7.7	8.8	8.8	8.7	8.8	10.0	6.6	6.6	10.0	11.3	11.3	11.2	11.3	12.8 1	12.8 1	12.8 1	12.9
		ΚW	1.93	1.93	1.92	1.94	2.15	2.15	2.15	2.17	2.40	2.40	2.40	2.42	2.68	2.67	2.67	2.69	2.98	2.98	2.97	2.99	3.33	3.33 3	.33 3	3.35
		kBh	36.1	36.6	37.6	39.3	35.8	36.3	37.3	38.9	34.8	35.3	36.4	38.0	33.2	33.7	34.8	36.4	31.3	31.8	32.9	34.5   2	29.5	30.0	31.1 3	32.7
		S/T	1.00	0.83	69.0	0.55	1.00	0.83	0.70	0.56	1.00	98.0	0.72	0.58	1.00	1.00	0.74	09.0	1.00	1.00	92.0	0.62	1.00 1	1.00 0	0.81 0	0.67
		ΔT	29	27	23	19	29	27	23	19	29	27	23	20	29	27	23	19	29	27	23	19	30	28	24	20
80	1050	Lo PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	154	150	152	155	160	157 1	158 1	161 1	167
		Hi PR	245	246	248	252	283	285	286	290	324	325	326	331	367	368	369	374	413	414	416	420 ,	463 4	464 4	466 4	470
		Amps	6.7	6.7	6.7	8.9	7.7	7.7	7.7	7.8	8.8	8.8	8.8	6.8	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4	12.9 1	12.8 1	12.8 1	12.9
		KW	1.94	1.94	1.93	1.95	2.16	2.16	2.16	2.17	2.41	2.41	2.41	2.42	2.68	2.68	2.68	2.70	2.99	2.99	2.98	3.00	3.34 3	3.34 3	.34 3	3.35
		kBh	36.5	37.0	38.1	39.7	36.2	36.7	37.7	39.4	35.3	35.8	36.8	38.4	33.7	34.2	35.2	36.8	31.7	32.2	33.3	34.9	29.9 3	30.4 3	31.5 3	33.1
		S/T	1.00	0.85	0.72	0.58	1.00	98.0	0.73	0.59	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00 1	0 00.1	0.84 0	0.70
		ΔT	28	56	22	19	28	56	22	19	28	56	23	19	28	56	22	19	28	26	22	18	29	27	23	20
	1150	Lo PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158 1	.60 1	.63 1	168
		Hi PR	247	248	249	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	418	422	464 4	466 4	467 4	471
		Amps	8.9	8.9	8.9	8.9	7.8	7.7	7.7	7.8	8.8	8.8	8.0	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	2.9 1	12.9 1	12.9 1	12.9
		KW	1.95	1.94	1.94	1.96	2.17	2.17	2.16	2.18	2.42	2.42	2.41	2.43	2.69	2.69	2.69	2.70	2.99	2.99	2.99	3.01	3.35 3	.35 3	.34 3	3.36

			<u>6</u>							85 10							11			
			920	_	4					1050	_	4					1150	_	4	
kBh 3	S/T   1.		Lo PR 1	Hi PR 2	S		$\vdash$	S/T 1			Hi PR   2			kBh 3				Hi PR 2	Amps 6	× ×
36.3 30	_	34	126 1	245 2	6.7 6	1.93 1.		1.00 0.				6.8	1.94 1.		1.00 0.		128 1	248 2	6.8	1 95 1
36.8	0.88 0.	32 2	127 1		6.7 6	1.93 1.				128 1			1.94 1.	37.6 38		30 2	130 1	249 2	6.8 6	1 95 1
7.9 3.	0.75 0.	28 2	130 1		6.7 6	1.93 1.	38.2 39	0.79 0.		132 1			1.94 1.	38.7 40	0.82 0.	26 2	133 1	251 2.	6.8 6	1 0/1
39.5 36	0.61   1.	24 3	135 13		6.8 7	1.94   2.	_		23 3	137 1	_	6.8 7	1.95 2.	40.3 36		23 3	138 1.	255 2	6.8 7	20 1
36.0 30	0 00.1	34	133 1	283 2	7.7	2.16 2.	36.4 30	1.00 1.			285 2			36.8 3		32 3	136 1	286 2	7.8 7	717
6.5 3	0.89	32	134 1		7.7									37.3 3						, 71,
7.6 3	_													38.3 4						
39.2 3					7.8		—	_		_	—	_		40.0					_	
5.1 3	_				8.8									35.9 3						, ,,,
5.6					8.8						326					30				, ,,
36.6	Ū				8.8									37.4					8.8	, ,,
38.2		_	149		8.8	_	_	_		_		_	_	39.0		_	_	_	_	, /// (
33.5														34.3						
34.0					10.0									34.8						
35.0	08.0	28			6.6									35.8						
36.7	_	24			10.0	_	_							37.4						, 17 0
31.5					11.3						414 4					32				
32.0	00:-	31												32.8						
33.1		28			11.3									33.9						000
34.7	_	_	_		11.3	_	_	_		_	—	_	_	35.5		_	_	_	_	200
29.8	1.00	35	157	463	12.8	3.34	30.1	1.00	34	159	464	12.9	3.35	30.5	1.00	33	160	466	12.9	3 C C
30.3	1.00	33	159	464	12.8	3.34	30.6	1.00	32	160	465	12.9	3.34	31.0	1.00	31	162	467		
31.3	1.00	29	162	465	12.8	3.33	31.7	1.00	28	163	467	12.8	3.34	32.1	1.00	27	165	468	12.9	300
32.9	0.73	25	167	470	12.9	3.35	33.3	0.77	24	168	471	12.9	3.36	33.7	0.80	23	170	473	13.0	3 37

		$\mid$										ľ													
				65°F	<u>"</u>			759₽	ļ,			001 85≗F	OUTDOOR AMBIENT LEMPERATURE	MBIENT	EMPER	ATURE 95ºF				105ºF		L		115ºF	
		_										ENTERII	ENTERING INDOOR WET BULB TEMPERATUR	JR WET	3ULB TEI	MPERATL	뿙	-				-			
IDB	AIRFLOW 59	wc	29	63	29	71	29	63	29	71	29	63	29	71	59	(83	2   29	71   5	29   6	9   69	67 71	1   59	63	<b>29</b>	71
		kBh	35.9	36.4	37.4	-	35.5	36.0	37.1		34.6	35.1	36.2	-	33.0 3	ŀ	4.6	- 3:			32.6 -	29.	2 29.8		-
		S/T	0.61	0.54	0.41	_	0.62	0.55	0.41	_	0.64	0.57	0.44	<u> </u>		0.59 0	0.46	<del>-</del>	1.00 0.	0.61 0.	0.48	1.0	_	5 0.53	-
		ΔT	21	19	15	1	21	19	15		21	19	16	1		19	15			19 1	15 -	22	20	16	1
_	1260	_o PR	121	123	126	1	128	130	133		135	136	139		_	142 1	145		146 1	147 1	150 -	15,	2 154	157	1
	_	Hi PR	224	225	226	1	259	260	262	,	296	297	298	.,	336	337 3	338	- 3	378 3	379 3	381 -	424	4 425	5 427	1
	⋖	4mps	5.9	5.9	5.9	ı	6.7	6.7	6.7		7.7	7.7	7.6	1			8.7	01		9.8	9.8	11.2		2 11.1	
		KW	1.67	1.67	1.67	ı	1.87	1.87	1.86	-	2.08	2.08	2.08	-			2.31	- 2.	2.58 2.	2.58 2.	2.58 -	2.8		3 2.88	-
		kBh	36.2	36.7	37.8	1	35.9	36.4	37.4	-	34.9	35.4	36.5	-		33.8 3	34.9	- 3:		31.9 3.	32.9 -	29.6		1 31.1	١.
		S/T	0.65	0.58	0.44	-	99.0	0.58	0.45	-	0.68	0.61	0.47	<del>-</del>	_		0.49			0.65 0.	0.51 -	1.0		0.57	-
		ΔT	20	18	14	1	20	18	14		20	18	15	1			14		20 1	18 1	14 -	21			1
70	1400	o PR	122	124	127	1	130	131	134		136	138	141			143 1	146	-			151 -	15,	4 155	5 158	
	_	Hi PR	225	226	228	_	260	261	263		297	298	300	-	337		339	- 3		381 3	382 -	45		5 428	
_	_	4mps	5.9	5.9	5.9	_	6.7	6.7	6.7		7.7	7.7	7.7	_			8.7				9.8	11.	2 11.2	2 11.2	
		××	1.68	1.68	1.68	,	1.87	1.87	1.87	,	2.09	2.09	2.09	-		2.32 2	2.32	- 2.	2.59 2.	2.59 2.	2.58 -	2.9	0 2.89	9 2.89	-
		kBh	36.6	37.1	38.2	-	36.3	36.8	37.9		35.4	35.9	36.9	1			35.3	- 3	31.8 3.	32.3 33	33.4 -	30.		5 31.6	
		S/T	0.68	09.0	0.47	i	0.68	0.61	0.48	,	0.71	0.63	0.50	-			0.52	- T		0.67 0.	0.54	1.0		2 0.59	-
-		ΔT	19	17	14	1	19	17	14		20	18	14	,	19	17	14				13 -	20	18	15	1
_	1540	Lo PR	124	125	128	1	131	133	136		138	139	142				148	-		150 1	153 -	15.		7 160	'
	_	Hi PR	226	227	229	1	262	263	264	,	299	300	301	1			341	- 3		382 3	384 -	45	7 428	3 429	1
	⋖	4mps	5.9	5.9	5.9	1	8.9	8.9	8.9	,	7.7	7.7	7.7	-		8.7	8.7	-	01		- 6.6	11.2			'
		××	1.69	1.69	1.68		1.88	1.88	1.88		2.10	2.10	2.09	- 2	2.33 2	2.33 2	2.33	- 2.	.59 2.	.59 2.	- 65	2.90	0 2.90	0 2.90	-
																		•							
		kBh	35.9	36.4	37.4	39.1	35.6	36.1	37.1	38.8	34.6	35.1		37.8 3	33.0 3	33.5 3	34.6 30	36.2				.3 29.3	3 29.8		32.5
			0.74	99.0	0.53	0.39	0.75	0.67	0.54	0.40	1.00	0.70			_		_	· ·	_	_			_	_	
			25	23	20	16	25	23	20	16	25	24	20									_		21	17
_	1260		121	123	126	131	129	130	133	138	135	136	140	145		142 1	145 1	-			150 155	_			
	_		224	225	227	230	259	260	262	266	296	297													
	_		5.9	5.9	5.8	5.9	6.7	6.7	6.7	8.9	7.7	7.7		7.7						9.8		_		1 11.1	
		-	1.67	1.67	1.67	1.68	1.87	1.86	1.86	1.88	2.08	2.08		-				2.33 2.	2.58 2.			59 2.89	9 2.89	9 2.88	3 2.90
		_	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1		35.5	36.5	38.2					31.4 3.			_	6 30.1		32.8
		_	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44		0.73		_						0.77 0.		_		69.0	

		kBh	35.9	36.4	37.4	39.1	35.6	36.1	37.1	38.8	34.6	35.1	36.2	37.8	33.0	33.5	34.6	36.2	31.1	31.6	32.6	34.3	29.3	8.62	30.8	32.5
		S/T	0.74	99.0	0.53	0.39	0.75	0.67	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.74	09.0	0.46	1.00	0.79	0.65	0.51
		ΔT	25	23	20	16	25	23	20	16	25	24	20	16	25	23	20	16	25	23	19	15	26	24	21	17
	1260	Lo PR	121	123	126	131	129	130	133	138	135	136	140	145	140	142	145	150	146	147	150	155	152	154	157	162
		Hi PR	224	225	227	230	259	260	262	597	296	297	299	303	336	337	338	342	379	380	381	385	424	425	427	431
		Amps	5.9	5.9	5.8	5.9	6.7	6.7	6.7	8.9	7.7	7.7	7.6	7.7	8.7	8.7	8.7	8.7	8.6	8.6	8.6	6.6		11.1	11.1	11.2
		ΚW	1.67	1.67	1.67	1.68	1.87	1.86	1.86	1.88	2.08	2.08	2.08	2.09	2.32	2.32	2.31	2.33	2.58	2.58	2.58	2.59		2.89	2.88	2.90
		kBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.5	38.2	33.3	33.9	34.9	36.6	31.4	31.9	33.0	34.6		30.1	31.2	32.8
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	09.0	0.46		0.75	0.62	0.48	1.00	0.77	0.64	0.50		1.00	69.0	0.55
		ΔT	24	23	19	15	24	22	19	15	25	23	19	15	24	22	19	15	24	22	18	15	25	23	20	16
75	1400	Lo PR	122	124	127	132	130	131	134	139	136	138	141	146		143	146	151	147	148	152	157		155	158	163
		Hi PR	225	226	228	232	260	261	263	267	297	298	300	304	337	338	340	344	380	381	382	386		427	428	432
		Amps	5.9	5.9	5.9	5.9	6.7	6.7	6.7	8.9	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.8	8.6	8.6	8.6	6.6	11.2	11.2	11.2	11.2
		Κ	1.68	1.68	1.67	1.69	1.87	1.87	1.87	1.88	2.09	2.09	2.09	2.10		2.32	2.32	2.33	2.59	2.59	2.58	2.60		2.89	2.89	2.90
		kBh	36.6	37.1	38.2	39.8	36.3	36.8	37.9	39.5	35.4	35.9	36.9	38.6	33.8	34.3	35.3	37.0	31.8	32.3	33.4	35.0		30.5	31.6	33.2
		S/T	0.80	0.73	09.0	0.46	0.81	0.74	09.0	0.46	1.00	92.0	0.63	0.49	1.00	0.78	0.65	0.51	1.00	08.0	0.67	0.53	1.00	1.00	0.72	0.58
		ΔT	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	23	21	18	14	25	23	19	15
	1540	Lo PR	124	125	128	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165
_		Hi PR	227	228	229	233	262	263	264	268	299	300	301	305	339	339	341	345	381	382	384	388		428	430	433
		Amps	5.9	5.9	5.9	0.9	8.9	8.9	8.9	8.9	7.7	7.7	7.7	7.8	8.7	8.7	8.7	8.8	6.6	6.6	6.6	6.6	11.2	11.2	11.2	11.3
		ΚW	1.69	1.68	1.68	1.70	1.88	1.88	1.87	1.89	2.10	2.10	2.09	2.11	2.33	2.33	2.33	2.34	2.59	2.59	2.59	2.60	2.90	2.90	2.90	2.91
)B = Ent	IDB = Entering Indoor Dry Bulb Temperature	oor Dry i	Bulb Tem	perature										Sh	Shaded area is ACCA (TVA) conditions	is ACCA	(TVA) cor	nditions					~	W = Tota	kW = Total system powe	powe
igh and	low press	sures are	measure	ed at the	liquid an	d suction	High and low pressures are measured at the liquid and suction service valves.	valves.														Amps	Amps = outdoor unit amps (comp.+fan	r unit an	ps (com	p.+fan

												Õ	JTDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	ERATURE										
				65	65ºF			75	75ºF			85ºF	<u>بر</u>			95ºF	L			105ºF	ų.			115ºF		
												ENTER	NG INDO	<b>ENTERING INDOOR WET</b>	T BULB T	<b>BULB TEMPERATURE</b>	TURE									
IDB	AIRF	AIRFLOW	29	63	29	71	59	63	29	71	29	63	29	71	26	63	29	71	29	63	29	71	29	63	29	71
		kBh	_	36.6	37.6	39.3	35.7	36.2	37.3	38.9	34.8	35.3	36.4	38.0	33.2	33.7	34.8	36.4	31.2	31.7	32.8	34.4	29.5	30.0	31.0	32.7
		S/T	_	0.79	99.0	0.52	1.00	0.79	99.0	0.52	1.00	0.82	69.0	0.55	1.00	0.84	0.70	0.57	1.00	1.00	0.73	0.59	1.00	1.00 (	0.78 (	0.64
		ΔT		28	24	20	30	28	24	20	30	28	24	20	30	28	24	20	29	27	24	20	31	29	25	21
_	1260	Lo PR		123	126	131	129	131	134	139	135	137	140	145	141	142	145	151	146	148	151	156	153	154	157	163
		Hi PR	224	225	227	231	260	261	262	566	297	297	299	303	336	337	339	343	379	380	382	385	425	426	427	431
		Amps		5.9	5.9	5.9	6.7	6.7	6.7	8.9	7.7	7.7	7.6	7.7	8.7	8.7	8.7	8.7	8.6	8.6	8.6	6.6	11.2	11.2	11.1	11.2
		ΚW	1.67	1.67	1.67	1.68	1.87	1.87	1.86	1.88	2.08	2.08	2.08	2.09	2.32	2.32	2.31	2.33	2.58	2.58	2.58	2.59	2.89	2.89	2.88	2.90
_		kBh	36.4	36.9	38.0	39.6	36.1	36.6	37.6	39.3	35.1	35.6	36.7	38.3	33.5	34.0	35.1	36.7	31.6	32.1	33.1	34.8	29.8	30.3	31.4	33.0
		S/T	1.00	0.82	69.0	0.55	1.00	0.83	0.70	0.56	1.00	98.0	0.72	0.58	1.00	0.87	0.74	09.0	1.00	1.00	0.76	0.62	1.00	1.00 (	0.81 (	0.67
		ΔT	59	27	23	19	29	27	23	19	29	27	23	20	29	27	23	19	29	27	23	19	30	28	24	20
8	1400	Lo PR	123	124	128	133	130	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	156	159	164
_		Hi PR		227	228	232	261	262	263	267	298	299	300	304	338	338	340	344	380	381	383	387	426	427	429	432
_		Amps		5.9	5.9	5.9	6.7	6.7	6.7	8.9	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.8	6.6	8.6	8.6	6.6	11.2	11.2	11.2	11.2
		ΚW	1.68	1.68	1.68	1.69	1.87	1.87	1.87	1.88	2.09	2.09	2.09	2.10	2.33	2.32	2.32	2.34	2.59	2.59	2.58	2.60	2.90	2.89	2.89	2.91
		kBh		37.3	38.4	40.0	36.5	37.0	38.1	39.7	35.6	36.1	37.1	38.8	34.0	34.5	35.5	37.2	32.0	32.5	33.6	35.2	30.2	30.7		33.4
		S/T		0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	06.0	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00 (	0.84 (	0.70
		ΔT		26	22	19	28	56	22	19	28	56	23	19	28	26	22	19	28	26	22	18	29	27	23	19
	1540	Lo PR	124	126	129	134	132	133	136	141	138	140	143	148	144	145	148	153	149	150	154	159	156	157	160	165
		Hi PR		228	230	234	262	263	265	269	299	300	302	306	339	340	341	345	382	383	384	388	427	428	430	434
		Amps		5.9	5.9	0.9	8.9	8.9	8.9	8.9	7.7	7.7	7.7	7.8	8.7	8.7	8.7	8.8	6.6	6.6	6.6	6.6	11.2	11.2	1.2	11.3
		×	1.69	1.68	1.68	1.70	1.88	1.88	1.88	1.89	2.10	2.10	2.09	2.11	2.33	2.33	2.33	2.34	2.59	2.59	2.59	2.60	2.90	2.90	. 90	2.91

		kBh	36.7	37.2	38.2	39.9	36.3	36.8	37.9	39.5	35.4	35.9	37.0	38.6	33.8	34.3	35.4	37.0	31.8	32.3	33.4	35.0	30.1	30.6	31.6	33.3
_		S/T	1.00	0.89	0.75	0.61	1.00	0.89	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	99.0	1.00	1.00	0.83	69.0	1.00	1.00	1.00	0.74
_		ΔT	34	32	28	24	33	31	28	24	34	32	28	24	33	31	28	24	33	31	28	24	34	32	29	25
<u> </u>	1260	Lo PR	124	125	128	133	131	132	135	141	137	139	142	147	143	144	147	152	148	150	153	158	155	156	159	164
		Hi PR	225	226	228	232	261	262	263	267	298	299	300	304	337	338	340	344	380	381	383	387	426	427	428	432
_		Amps	5.9	5.9	5.9	5.9	6.7	6.7	6.7	8.9	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	8.6	8.6	8.6	6.6	11.2	11.2	11.2	11.2
		KW	1.68	1.68	1.67	1.69	1.87	1.87	1.87	1.88	2.09	2.09	2.08	2.10	2.32	2.32	2.32	2.33	2.59	2.58	2.58	2.60	2.89	2.89	2.89	2.90
		kBh	37.0	37.5	38.6	40.2	36.7	37.2	38.2	39.9	35.7	36.2	37.3	38.9	34.1	34.6	35.7	37.3	32.2	32.7	33.7	35.4	30.4	30.9	32.0	33.6
_		S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	99.0	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	98.0	0.72	1.00	1.00	1.00	0.77
		ΔT	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23	32	30	27	23	34	32	28	24
85	1400	Lo PR	125	126	129	134	132	134	137	142	139	140	143	148	144	145	149	154	149	151	154	159	156	157	161	166
		Hi PR	227	228	229	233	262	263	264	268	299	300	301	305	339	340	341	345	381	382	384	388	427	428	430	434
_		Amps	5.9	5.9	5.9	0.9	8.9	8.9	6.7	8.9	7.7	7.7	7.7	7.8	8.7	8.7	8.7	8.8	6.6	6.6	8.6	6.6	11.2	11.2	11.2	11.2
		KW	1.68	1.68	1.68	1.69	1.88	1.88	1.87	1.89	2.09	2.09	2.09	2.10	2.33	2.33	2.32	2.34	2.59	2.59	2.59	2.60	2.90	2.90	2.89	2.91
		kBh	37.4	37.9	39.0	40.6	37.1	37.6	38.7	40.3	36.2	36.7	37.7	39.4	34.6	35.1	36.1	37.8	32.6	33.1	34.2	35.8	30.8	31.3	32.4	34.0
		S/T	1.00	0.95	0.82	0.68	1.00	96.0	0.82	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.80
_		ΔT	32	30	56	22	32	30	56	22	32	30	27	23	32	30	56	22	32	30	56	22	33	31	27	23
	1540	Lo PR	126	128	131	136	134	135	138	143	140	141	145	150	145	147	150	155	151	152	155	160	157	159	162	167
_		Hi PR	228	229	231	235	263	264	266	270	300	301	303	307	340	341	343	346	383	384	385	389	429	429	431	435
		Amps	5.9	5.9	5.9	0.9	8.9	8.9	8.9	8.9	7.7	7.7	7.7	7.8	8.8	8.7	8.7	8.8	6.6	6.6	6.6	6.6	11.2	11.2	11.2	11.3
		KW	1.69	1.69	1.69	1.70	1.88	1.88	1.88	1.89	2.10	2.10	2.10	2.11	2.34	2.33	2.33	2.35	2.60	2.60	2.59	2.61	2.91	2.90	2.90	2.92
DB = Ente	ering Indo	Entering Indoor Dry Bulb Temperature	ulb Tem	perature										Sh	Shaded area is AHRI (TVA) condition:	a is AHRI	(TVA) coi	nditions						kW = Total system powe	al system	wod

													UTDOOL	R AMBIE	OUTDOOR AMBIENT TEMPERATURE	PERATU	<u>پر</u>									
				65	65ºF			<u>  7</u>	75ºF			85	85ºF			) 6	95ºF			105ºF	95			115ºF	L	
												ENTER	ING IND	OOR W	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRF	AIRFLOW	59	63	29	71	29	63	<b>67</b>	71	29	63	29	7.1	29	63	29	71	29	63	29	71	29	63	29	71
		kBh	49.8	50.5	52.0	1	49.4	50.1	51.5	1	48.1	48.8	50.2		45.8	46.5	48.0	1	43.1	43.8	45.3	-	40.6	41.3	42.8	1
		S/T	0.59	0.52	0.39	1	09.0	0.52	0.39	1	0.62	0.55	0.42	1	0.64	0.57	0.44	,	99.0	0.59	0.46	1	1.00	0.64	0.51	,
		ΔT	22	20	16	ı	22	20	16	ı	22	20	16	ı	22	20	16	1	21	19	16	_	23	21	17	_
	1260	Lo PR	118	119	122	ı	125	126	129	ı	131	133	135	ı	136	138	141	1	142	143	146	_	148	149	152	_
		Hi PR	234	235	237	1	271	272	273	1	309	310	312	ı	351	352	353	1	396	397	398	1	443	444	446	ı
		Amps	9.3	9.3	9.3	1	10.7	10.7	10.6	,	12.2	12.2	12.1	1	13.8	13.8	13.8	1	15.6	15.6	15.6	,	17.7	17.7	17.7	_
		ΚW	2.66	2.66	2.65	1	2.97	2.97	2.96	1	3.31	3.31	3.30	1	3.69	3.68	3.68	1	4.10	4.10	4.09	-	4.59	4.59	4.58	-
		kBh	50.3	51.0	52.5	1	49.9	50.6	52.1		48.6	49.3	50.8	ı	46.4	47.1	48.5	1	43.6	44.3	45.8	-	41.1	41.8	43.3	,
		S/T	0.63	0.56	0.43	ı	0.64	0.57	0.44	ı	99.0	0.59	0.46	1	0.68	0.61	0.48	1	0.70	0.63	0.50	1	1.00	0.68	0.55	1
		ΔT	21	19	15	1	21	19	15	1	21	19	15	ı	21	19	15	1	21	18	15	1	22	20	16	
2	1400	Lo PR	119	121	123	1	126	128	131	1	132	134	137	ı	138	139	142	1	143	144	147	,	149	151	154	1
		Hi PR	235	236	238	1	272	273	275	1	311	312	314	1	352	353	355	,	397	398	400	1	445	446	448	,
		Amps	9.4	9.4	9.4	1	10.7	10.7	10.7	1	12.2	12.2	12.2	1	13.9	13.8	13.8	,	15.7	15.7	15.6	1	17.8	17.8	17.8	1
		KW	2.67	2.67	2.66	1	2.98	2.98	2.97	1	3.32	3.32	3.32	1	3.70	3.70	3.69	-	4.11	4.11	4.11	-	4.60	4.60	4.60	,
		kBh	50.9	51.6	53.1		50.5	51.2	52.7		49.2	49.9	51.4		47.0	47.7	49.2	1	44.2	44.9	46.4	1	41.8	42.5	43.9	
		S/T	99.0	0.59	0.46	1	0.67	0.59	0.47	1	0.69	0.62	0.49	ı	0.71	0.64	0.51	1	1.00	99.0	0.53	1	1.00 (	0.71	0.58	ı
		ΔT	20	18	14	1	20	18	14	1	20	18	14	1	20	18	14	1	20	18	14	_	21	19	15	1
	1540	Lo PR	121	122	125	1	128	129	132	1	134	135	138	1	139	141	144	1	144	146	149	_	151	152	155	1
		Hi PR	237	238	240	1	274	275	276	ı	312	313	315	1	354	355	357	1	399	400	401	,	447	448	449	1
		Amps	9.4	9.4	9.4	1	10.8	10.8	10.7	ı	12.3	12.3	12.2	i	13.9	13.9	13.9	1	15.7	15.7	15.7	1	17.8	17.8	17.8	
		KW	2.68	2.68	2.67		2.99	2.99	2.98	1	3.34	3.33	3.33	1	3.71	3.71	3.70	-	4.13	4.12	4.12	1	4.61	4.61	4.61	

		kBh /	49.8	50.5	52.0	54.3	49.4	50.1	51.6	53.8	48.1	48.8	50.3	52.5	45.9	46.6	48.0	50.3	43.1	43.8	45.3	47.6	40.6	41.3	42.8	45.1
		S/T (	0.71	0.64	0.51	0.38	0.72	0.65		0.38	0.74	0.67	0.54	0.41	1.00	69.0	0.56	0.42	1.00	0.71	0.58	0.44	1.00	92.0	0.63	0.49
_		ΔT	26	24	20	17	26	24	20	16	27	25	21	17	26	24	20	16	26	24	20	16	27	25	21	17
12	1260	Lo PR	118	119	122	127	125	126		134	131	133	136	141	136	138	141	146	142	143	146	151	148	150	152	157
		Hi PR	234	235	237	241	271	272	274	278	309	311	312	316	351	352	354	358	396	397	399	403	444	445	446	450
	⋖	Amps	9.3	9.3	9.3	9.4	10.7	10.7		10.7	12.2	12.2	12.1	12.2	13.8	13.8	13.8	13.9	15.6	15.6	15.6	15.7	17.7	17.7	17.7	17.8
		KW	2.66	2.65	2.65	2.67	2.97	2.96	2.96	2.98	3.31	3.31	3.30	3.33	3.68	3.68	3.68	3.70	4.10	4.10	4.09	4.12	4.59	4.59	4.58	4.61
		kBh 🥛	50.4	51.1	52.5	54.8	49.9	9.05		54.4	48.6	49.3	50.8	53.1	46.4	47.1	48.6	50.8	43.7	44.4	45.8	48.1	41.2	41.9	43.4	45.6
_		S/T (	0.76	0.68	0.55	0.42	92.0	69.0	0.56 (	0.42	0.79	0.71	0.58	0.45	1.00	0.73	09.0	0.47	1.00	0.75	0.62	0.49	1.00	0.80	0.67	0.54
		ΔT	25	23	20	16	25	23	19	15	26	24	20	16	25	23	19	15	25	23	19	15	26	24	20	16
75 14	1400	Lo PR	119	121	124	129	126	128		136	132	134	137	142	138	139	142	147	143	144	147	152	149	151	154	159
	_	Hi PR	236	237	238	242	272	273	275	279	311	312	314	318	353	354	355	359	397	398	400	404	445	446	448	452
	<	Amps	9.4	9.4	9.3	9.4	10.7	10.7		10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.8	13.9	15.7	15.6	15.6	15.7	17.8	17.8	17.7	17.9
		KW	2.67	2.67	2.66	2.69	2.98	2.98	2.97	2.99	3.32	3.32	3.32	3.34	3.70	3.69	3.69	3.71	4.11	4.11	4.11	4.13	4.60	4.60	4.59	4.62
		kBh !	51.0	51.7	53.2	55.4				55.0	49.2	49.9	51.4	53.7	47.0	47.7	49.2	51.5	44.3	45.0	46.5	48.7	41.8	42.5	44.0	46.2
		S/T (	0.78	0.71	0.58	0.45		0.72	0.59	0.45	1.00	0.74	0.61	0.48	1.00	92.0	0.63	0.49	1.00	0.78	0.65	0.52	1.00	0.83	0.70	0.56
		ΔT	25	22	19	15	24	22	19	15	25	23	19	15	24	22	19	15	24	22	18	14	25	23	20	16
15	1540	Lo PR	121	122	125	130	128	129	132	137	134	135	138	143	139	141	144	149	144	146	149	154	151	152	155	160
_	_	Hi PR	237	238	240	244	274	275		281	313	314	315	319	354	355	357	361	399	400	402	406	447	448	449	454
	<	Amps	9.4	9.4	9.4	9.5	10.8	10.8	10.7	10.8	12.3	12.3	12.2	12.3	13.9	13.9	13.9	14.0	15.7	15.7	15.7	15.8	17.8	17.8	17.8	17.9
		KW	2.68	2.68	2.67	2.70	2.99	2.99	2.98	3.00	3.33	3.33	3.33	3.35	3.71	3.70	3.70	3.72	4.12	4.12	4.12	4.14	4.61	4.61	4.61	4.63
Enteri	ng Indo	IDB = Entering Indoor Dry Bulb Temperature	ılb Temp	erature										Sha	Shaded area is ACCA (TVA) conditions	i is ACCA	(TVA) co	nditions						kW = Tot	kW = Total system power	wod u
-	. !				-																					

Mathematical   Math													2														_
Secondary No.   Secondary					65	₽º			75	PE:			82	ξĘ			955	Ļ			105	ᆙ			115º	L	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,													ENTER	NG IND	JOR WE	T BULB T	<b>EMPER</b>	TURE									
518         54,1         48,3         490         505         52,8         46,1         46,3         400         505         52,8         40,1         46,3         40,0         60,0         50,0         60,0	IDB	AIRF	FLOW	29	63		71	29	63	29	71	29	63	29	71	59	63	29	71	65	63	29	71		_	29	71
0.64 0.50 1.00 0.79 0.66 0.52 1.00 0.81 0.68 0.54 1.00 0.83 0.70 0.55 1.00 1.30 1.30 1.30 1.30 1.30 1.30 1.30			kBh	50.1	8.09	52.3	54.5	49.6	50.3	51.8	54.1	48.3	49.0	50.5	52.8	46.1	46.8	48.3	9.09	43.4	44.1	45.6	47.8			43.1	45.3
25         24         24         25         24         24         34         26         25         24         34         28         25         24         34         34         28         25         24         34         44         44         44         24         25         24         25         24         25         25         25         25         25         25         25         25         25         25         25         25         25         25         36<			Z/Z	0.83	0.76	0.63	0.49	1.00	0.77	0.64	0.50	1.00	0.79	99.0	0.52	1.00	0.81	0.68	0.54	1.00	0.83	0.70	0.56			0.75	0.61
130   135   132   131			ΔT	31	29	25	21	31	53	25	21	31	29	25	21	31	29	25	21	31	28	25	21	32	30	56	22
274         278         310         311         313         311         311         313         311         313         311         313         311         311         313         311         311         313         310         311         313         310         313         313         320         328         320         320         320         320         320         320         320         320         320         320         400         410 <th></th> <th>1260</th> <th>Lo PR</th> <th>118</th> <th>120</th> <th>123</th> <th>128</th> <th>125</th> <th>127</th> <th>130</th> <th>135</th> <th>132</th> <th>133</th> <th>136</th> <th>141</th> <th>137</th> <th>138</th> <th>141</th> <th>146</th> <th>142</th> <th>144</th> <th>147</th> <th>152</th> <th></th> <th>150</th> <th>153</th> <th>158</th>		1260	Lo PR	118	120	123	128	125	127	130	135	132	133	136	141	137	138	141	146	142	144	147	152		150	153	158
10.6 10.7 12.2 12.2 12.1 12.2 13.8 13.8 13.8 13.8 13.9 15.6 15.6 15.6 15.6 15.6 15.6 15.6 15.6			Hi PR	234	236	237	241	271	272	274	278	310	311	313	317	351	352	354	358	396	397	399	403		445	447	451
2.96         4.56         4.86         4.12         4.39         4.16         4.10         4.09         4.10         4.00 <t< th=""><th></th><th></th><th>Amps</th><th>9.3</th><th>9.3</th><th>9.3</th><th>9.4</th><th>10.7</th><th>10.7</th><th>10.6</th><th>10.7</th><th>12.2</th><th>12.2</th><th>12.1</th><th>12.2</th><th>13.8</th><th>13.8</th><th>13.8</th><th>13.9</th><th>15.6</th><th>15.6</th><th>15.6</th><th>15.7</th><th></th><th></th><th>17.7</th><th>17.8</th></t<>			Amps	9.3	9.3	9.3	9.4	10.7	10.7	10.6	10.7	12.2	12.2	12.1	12.2	13.8	13.8	13.8	13.9	15.6	15.6	15.6	15.7			17.7	17.8
52.4         54.6         48.9         48.6         51.1         53.3         46.6         47.8         48.8         49.6         51.1         53.3         46.6         47.8         48.8         67.6         77.0         68.9         67.9         10.0         68.0         49.9         40.1         46.1         48.1 <t< th=""><th></th><th></th><th><u></u></th><th>7.66</th><th>7.66</th><th>2.65</th><th>2.67</th><th>2.97</th><th>2.96</th><th>2.96</th><th>2.98</th><th>3.31</th><th>3.31</th><th>3.30</th><th>3.33</th><th>3.69</th><th>3.68</th><th>3.68</th><th>3.70</th><th>4.10</th><th>4.10</th><th>4.09</th><th>4.12</th><th></th><th></th><th>4.58</th><th>4.61</th></t<>			<u></u>	7.66	7.66	2.65	2.67	2.97	2.96	2.96	2.98	3.31	3.31	3.30	3.33	3.69	3.68	3.68	3.70	4.10	4.10	4.09	4.12			4.58	4.61
0.058         0.54         1.00         0.83         0.74         1.00         0.83         0.74         0.75 <t< th=""><th></th><th></th><th>KBh Î</th><th>50.6</th><th>51.3</th><th>52.8</th><th>55.1</th><th>50.2</th><th>50.9</th><th>52.4</th><th>54.6</th><th>48.9</th><th>49.6</th><th>51.1</th><th>53.3</th><th>46.6</th><th>47.3</th><th>48.8</th><th>51.1</th><th>43.9</th><th>44.6</th><th>46.1</th><th>48.4</th><th></th><th></th><th>43.6</th><th>45.9</th></t<>			KBh Î	50.6	51.3	52.8	55.1	50.2	50.9	52.4	54.6	48.9	49.6	51.1	53.3	46.6	47.3	48.8	51.1	43.9	44.6	46.1	48.4			43.6	45.9
24 20 30 28 24 20 30 28 24 20 30 28 24 20 30 28 24 20 26 28 28 28 28 28 28 28 28 28 28 28 28 28			1/5	0.88	0.80	0.6/	0.54	1.00	0.81	0.68	0.54	1.00	0.83	0.70	0.57	1.00	0.85	0.72	0.59	1.00	0.87	0.74	0.61			9.79	99.0
131   136   133   134   137   142   138   140   143   148   143   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   145   148   141			ΤΔ	30	28	24	20	30	28	24	20	30	28	24	20	30	28	24	20	30	28	24	20		29	25	21
270         280         311         313         314         318         353         354         366         369         399         401 <th>8</th> <th>1400</th> <th>Lo PR</th> <th>120</th> <th>121</th> <th>124</th> <th>129</th> <th>127</th> <th>128</th> <th>131</th> <th>136</th> <th>133</th> <th>134</th> <th>137</th> <th>142</th> <th>138</th> <th>140</th> <th>143</th> <th>148</th> <th>143</th> <th>145</th> <th>148</th> <th>153</th> <th></th> <th>151</th> <th>154</th> <th>159</th>	8	1400	Lo PR	120	121	124	129	127	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153		151	154	159
10.7 10.8 12.2 12.2 12.2 12.3 13.9 13.8 13.8 13.9 13.9 13.7 15.7 15.6 15. 15. 2.9 3.0 3.0 3.2 3.34 3.70 3.70 3.60 3.1 4.11 4.11 4.11 4.11 4.11 4.11 4.11			Hi PR		237	239	243	273	274	276	280	311	313	314	318	353	354	356	360	398	399	401	405		447	448	452
2.97         3.00         3.32         3.32         3.34         3.70         3.70         3.60         4.11         4.12         4.67         46.7 <th< th=""><th></th><th></th><th>Amps</th><th></th><th>9.4</th><th>9.4</th><th>9.5</th><th>10.7</th><th>10.7</th><th>10.7</th><th>10.8</th><th>12.2</th><th>12.2</th><th>12.2</th><th>12.3</th><th>13.9</th><th>13.8</th><th>13.8</th><th>13.9</th><th>15.7</th><th>15.7</th><th>15.6</th><th>15.7</th><th></th><th>17.8</th><th>17.8</th><th>17.9</th></th<>			Amps		9.4	9.4	9.5	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.9	13.8	13.8	13.9	15.7	15.7	15.6	15.7		17.8	17.8	17.9
93.0         55.2         49.5         50.2         51.7         53.9         47.3         48.0         49.4         51.7         49.5         66.1         10.0         0.87         66.1         10.0         0.77         64.0         40.7         61.1         10.0         77.0         64.0         40.0         80.8         0.75         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.61         10.0         0.77         0.62         10.0         0.77         0.62         10.0         0.78         0.64         10.0         0.78         0.64         10.0         0.78         0.64         10.0         0.78         0.64         10.0         0.78         0.64         10.0         10.0         0.78         0.64         10.0         0.78         0.64         10.0         0.78         0.64         10.0         0.78         0.64         10.0         10.0         10.0         10.0 <th< th=""><th></th><th></th><th>×</th><th></th><th>2.67</th><th>2.66</th><th>2.69</th><th>2.98</th><th>2.98</th><th>2.97</th><th>3.00</th><th>3.32</th><th>3.32</th><th>3.32</th><th>3.34</th><th>3.70</th><th>3.70</th><th>3.69</th><th>3.71</th><th>4.11</th><th>4.11</th><th>4.11</th><th>4.13</th><th></th><th></th><th>4.60</th><th>4.62</th></th<>			×		2.67	2.66	2.69	2.98	2.98	2.97	3.00	3.32	3.32	3.32	3.34	3.70	3.70	3.69	3.71	4.11	4.11	4.11	4.13			4.60	4.62
0.71 0.57 1.00 0.86 0.73 0.60 1.00 0.88 0.75 0.61 1.00 1.00 0.77 0.64 1.23 1.39 1.39 1.39 1.39 1.39 1.39 1.39 1.3			kBh	51.2	51.9	53.4	55.7	50.8	51.5	53.0	55.2	49.5	50.2	51.7	53.9	47.3	48.0	49.4	51.7	44.5	45.2	46.7	49.0			44.2	46.5
133 138 138 135 136 139 144 140 141 144 149 149 145 146 149 119 141 141 141 141 141 141 141 141			S/T	06:0	0.83	0.70	0.57	1.00	0.84	0.71	0.57	1.00	98.0	0.73	09.0	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63			0.82	0.68
133 138 138 135 136 139 134 316 320 355 356 357 361 399 400 402 402 100 100 133 133 133 133 133 133 133 133			ΔT	29	27	23	19	59	27	23	19	59	27	23	19	29	27	23	19	29	27	23	19	30	28	24	20
277         281         313         314         316         320         355         356         357         361         399         400         402         40           2.08         3.01         10.7         10.8         12.3         12.3         12.3         13.9         13.9         13.9         14.0         15.7		1540	Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	149	145	146	149	154		153	156	161
10.7 10.8 12.3 12.3 12.2 12.3 13.9 13.0 13.0 13.0 14.0 15.7 15.7 15.7 15.7 15.7 15.2 15.3 13.3 3.3 3.3 3.3 3.7 1 3.7 1 3.7 0 3.7 2 4.13 4.12 4.12 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1			Hi PR	238	239	240	244	274	275	277	281	313	314	316	320	355	356	357	361	399	400	402	406		448	450	454
2.98         3.01         3.34         3.33         3.35         3.371         3.71         3.70         3.72         4.13         4.12         4.13         4.12         4.12         4.13         4.12         4.12         4.12         4.13         4.13         3.23         3.23         3.24         3.25         3.24         3.25         3.24         3.25         3.24         3.25         3.24         3.25         3.24 <t< th=""><th></th><th></th><th>Amps</th><th>9.4</th><th>9.4</th><th>9.4</th><th>9.5</th><th>10.8</th><th>10.8</th><th>10.7</th><th>10.8</th><th>12.3</th><th>12.3</th><th>12.2</th><th>12.3</th><th>13.9</th><th>13.9</th><th>13.9</th><th>14.0</th><th>15.7</th><th>15.7</th><th>15.7</th><th>15.8</th><th></th><th></th><th>17.8</th><th>17.9</th></t<>			Amps	9.4	9.4	9.4	9.5	10.8	10.8	10.7	10.8	12.3	12.3	12.2	12.3	13.9	13.9	13.9	14.0	15.7	15.7	15.7	15.8			17.8	17.9
52.7         54.9         49.2         49.9         51.4         53.6         46.9         47.6         49.1         51.4         44.2         44.9         44.9         44.9         46.9         47.6         49.1         51.4         44.2         44.9         44.9         44.9         47.6         40.0         100         0.78         0.64         1.00         1.00         0.89         0.76         0.62         1.00         1.00         0.78         0.64         1.00         1.00         0.89         0.76         1.00         1.00         0.78         0.64         1.00         1.00         0.89         0.69         1.00         1.00         0.78         0.64         1.00         1.00         0.80         0.64         1.00         1.00         0.89         0.69         1.00         1.00         0.78         0.64         1.00         1.00         0.89         3.2<			×	2.68	2.68	2.67	2.70	2.99	2.99	2.98	3.01	3.34	3.33	3.33	3.35	3.71	3.71	3.70	3.72	4.13	4.12	4.12	4.14			4.61	4.63
52.7         54.9         49.2         49.9         51.4         53.6         46.9         47.6         49.1         51.4         44.2         44.9         46.9         47.6         49.1         51.4         48.2         49.2         49.2         49.2         49.2         49.2         49.2         49.2         49.2         40.0         0.08         0.076         0.02         1.00         0.08         0.06         1.00         0.08         0.09         3.2																											
0.0.3 0.60 0.100 0.89 0.76 0.62 1.00 1.00 0.78 0.64 1.00 1.00 0.80 0.96 25 35 32 29 25 35 33 29 25 35 35 35 35 35 35 35 35 35 35 35 35 35			kBh	50.9	51.6	53.1	55.4	50.5	51.2	52.7	54.9	49.2	49.9	51.4	53.6	46.9	47.6	49.1	51.4	44.2	44.9	46.4	48.7			43.9	46.2
29         35<			S/T	1.00	98.0	0.73	0.59	1.00	98.0	0.73	09.0	1.00	0.89	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	99.0			3.85	0.71
132 137 133 135 135 138 143 143 144 143 148 144 145 148 149 149 145 148 118 118 118 132 132 132 132 132 132 132 132 132 132			ΔT	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25	35	32	29	25	36	34	30	56
275         279         311         312         314         318         353         354         355         359         399         400         440           10.7         10.8         12.2         12.2         12.3         13.8         13.8         13.9         15.6		1260	Lo PR	120	121	124	129	127	129	132	137	133	135	138	143	139	140	143	148	144	145	148	153	150	152	155	160
10.7 10.8 12.2 12.2 12.2 12.3 13.8 13.8 13.8 13.9 15.6 15.6 15.6 15.6 15.   2.97 2.99 3.32 3.32 3.31 3.33 3.69 3.69 3.68 3.71 4.11 4.11 4.10 4.10 4.2   2.97 2.99 3.32 3.32 3.31 3.33 3.69 3.69 3.68 3.71 4.11 4.11 4.10 4.10 4.2   2.98 2.4 3.4 3.2 2.8 2.4 3.4 3.2 2.8 2.4 3.4 3.2 2.8 2.4 3.4 3.2 2.8 2.8   2.98 3.00 3.33 3.33 3.33 3.32 3.35 3.30 3.70 3.70 3.70 3.70 1.00 0.80 0.80 0.80   2.080 0.67 1.00 1.00 0.83 0.69 1.00 1.00 0.85 0.71 1.00 1.00 0.87 0.80   2.09 3.00 3.33 3.33 3.33 3.35 3.35 3.35 3.30 3.70 3.70 3.70 3.70 1.00 1.00 0.80 0.80   2.09 3.01 3.34 3.35 3.35 3.35 3.35 3.35 3.35 3.35			Hi PR	236	237	238	242	272	273	275	279	311	312	314	318	353	354	355	359	397	398	400	404		446	448	452
2.97         2.99         3.32         3.31         3.33         3.69         3.69         3.69         3.69         3.69         3.69         3.69         3.69         3.71         4.11         4.11         4.11         4.10         4.2           53.2         55.5         49.7         50.4         51.9         54.2         47.5         48.2         49.7         51.9         46.9         49.7         51.9         44.8         45.5         46.9         49.9         69.9         60.6         1.00         1.00         0.80         0.66         1.00         1.00         0.82         0.68         1.00         1.00         0.89         0.69         1.00         0.82         0.68         1.00         1.00         0.89         0.69         1.00         0.82         0.68         1.00         1.00         0.89         0.69         1.00         0.89         0.69         1.00         0.89         0.69         1.00         0.89         0.69         1.00         1.00         1.00         1.00         0.89         0.69         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         0.89         1.00         1.0			Amps	9.4	9.3	9.3	9.4	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.3	13.8	13.8	13.8	13.9	15.6	15.6	15.6	15.7			17.7	17.8
53.2         55.5         49.7         50.4         51.9         54.2         49.7         51.9         54.2         47.5         48.2         49.7         51.9         44.8         45.5         46.9         49.9           0.78         0.64         1.00         0.80         0.66         1.00         1.00         0.82         0.68         1.00         1.00         0.80         0.66         1.00         1.00         0.82         28         24         34         32         28         24         34         32         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         24         32         28         28         24         32         28         28         28         24         32         28         28         28         39         400         402         402         402         402         402         402         402         402         402         402         402         402         402         402         402         402         402         402 <td< th=""><th></th><th></th><th>ΧX</th><th>2.66</th><th>2.66</th><th>2.66</th><th>2.68</th><th>2.97</th><th>2.97</th><th>2.97</th><th>2.99</th><th>3.32</th><th>3.32</th><th>3.31</th><th>3.33</th><th>3.69</th><th>3.69</th><th>3.68</th><th>3.71</th><th>4.11</th><th>4.11</th><th>4.10</th><th>4.12</th><th></th><th></th><th>4.59</th><th>4.61</th></td<>			ΧX	2.66	2.66	2.66	2.68	2.97	2.97	2.97	2.99	3.32	3.32	3.31	3.33	3.69	3.69	3.68	3.71	4.11	4.11	4.10	4.12			4.59	4.61
0.78         0.64         1.00         0.80         0.66         1.00         1.00         1.00         1.00         0.84         0.84         0.84         0.84         0.84         0.84         0.84         0.84         0.84         0.84         0.84         0.85         24         34         32         28         24         34         32         28         24         34         32         28         24         34         32         28         24         34         32         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         24         34         32         28         28         36         36         100         100         308         400         402         402         402         402         402         402         402         403         403         403         403         403         403         403         403         403         403         403         403         403         403			kBh	51.5	52.2	53.6	55.9	51.0	51.7	53.2	55.5	49.7	50.4	51.9	54.2	47.5	48.2	49.7	51.9	44.8	45.5	46.9	49.2			44.4	46.7
28 24 34 32 28 24 34 32 28 24 34 32 28 24 34 32 28 24 34 32 28 2 2			S/T	1.00	06.0	0.77	0.63	1.00	0.91	0.78	0.64	1.00	1.00	0.80	99.0	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70			68.0	0.75
133 138 138 135 136 139 144 140 141 144 149 145 147 150 15 277 281 313 314 315 319 354 355 357 361 399 400 402 40 10.7 10.8 12.3 12.2 12.2 12.3 13.9 13.9 13.9 13.9 13.9 15.7 15.7 15.7 15 2.98 3.00 3.33 3.33 3.32 3.35 3.70 3.70 3.70 3.72 4.12 4.11 4.13 2.80 0.67 1.00 1.00 0.83 0.69 1.00 1.00 0.85 0.71 1.00 1.00 0.87 0.7 27 23 33 31 27 23 33 31 27 23 33 31 27 23 33 31 27 23 13  31 27 23 13 14 146 151 143 146 151 147 148 151 151 151 151 151 151 151 151 151 15			ΔT	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24	35	33	59	25
277         281         313         314         315         319         354         355         357         361         399         400         402         403 <th>82</th> <th>1400</th> <th>Lo PR</th> <th>121</th> <th>123</th> <th>126</th> <th>131</th> <th>129</th> <th>130</th> <th>133</th> <th>138</th> <th>135</th> <th>136</th> <th>139</th> <th>144</th> <th>140</th> <th>141</th> <th>144</th> <th>149</th> <th>145</th> <th>147</th> <th>150</th> <th>155</th> <th></th> <th>153</th> <th>156</th> <th>161</th>	82	1400	Lo PR	121	123	126	131	129	130	133	138	135	136	139	144	140	141	144	149	145	147	150	155		153	156	161
10.7 10.8 12.3 12.2 12.2 12.3 13.9 13.9 13.8 13.9 15.7 15.7 15.7 15.7 15.7 15.2 15.3 13.3 3.33 3.32 3.35 3.70 3.70 3.70 3.70 3.72 4.12 4.11 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.			Hi PR	237	238	240	244	274	275	277	281	313	314	315	319	354	355	357	361	399	400	402	406		448	449	453
2.98       3.00       3.53       3.52       3.53       3.52       3.53       3.52       3.53       3.51       3.52       3.53       3.52       4.12       4.11       4.11       4.11       4.11       4.11       4.11       4.11       4.11       4.11       4.11       4.12       4.13       4.13       4.13       4.13       4.13       4.13       4.13       4.13       4.13       4.14			Amps	9.4	9.6	9.4	4.6	10.8	10.7	10.7	10.8	12.3	12.2	12.2	12.3	13.9	13.9	13.8	13.9	15.7	15./	15.7	15.8			1/.8	17.9
27 23 33 31 27 23 33 31 27 23 33 31 27 23 33 31 27 23 27.0 4.0.1 47.0 4.0.1 47.0 4.0.2 5.0			N Z	2.68	79.7	79.7	2.69	2.39	2.38	2.98	3.00	5.33	5.33	5.32	3.35	3.70	3.70	3.70	3.72	4.12	4.12	4.11	4.14			75.4	4.03
27 23 33 31 27 23 33 31 27 23 33 31 27 23 23 31 27 23 21 24 21 24 21 34 139 136 138 141 146 142 143 146 151 147 148 151 151 152 278 282 314 315 317 321 3.56 357 358 362 400 402 403 401 10.8 10.9 12.3 12.3 12.3 12.4 13.9 13.9 13.9 14.0 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7			T/S	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73			0.92	0.78
134     139     136     138     141     146     142     143     146     151     148     151     148     151     151       278     282     314     315     317     321     356     357     358     362     400     402     403     40       10     10.9     12.3     12.3     12.4     13.9     13.9     13.9     14.0     15.7     <			ΔT	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23			28	24
278 282 314 315 317 321 356 357 358 362 400 402 403 46 10.8 10.9 12.3 12.3 12.4 13.9 13.9 13.9 13.9 14.0 15.7 15.7 15.7 15.7 15.2 15.9 3.01 3.34 3.34 3.33 3.36 3.71 3.71 3.71 3.73 4.13 4.13 4.12 4.3 A.12 4.3 A.12 4.3 A.13 A.13 A.13 A.13 A.13 A.13 A.13 A.		1540	Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	142	143	146	151	147	148	151	156	153	155	158	163
10.8 10.9 12.3 12.3 12.3 12.4 13.9 13.9 13.9 14.0 15.7 15.7 15.7 15.7 15.2 12.9 3.01 3.34 3.34 3.38 3.36 3.71 3.71 3.71 3.73 4.13 4.13 4.12 4.3 A.12 4.3 A.13 A.13 A.13 A.13 A.13 A.13 A.13 A.			Hi PR	239	240	241	245	276	277	278	282	314	315	317	321	356	357	358	362	400	402	403	407	448	449	451	455
2.99 3.01 3.34 3.34 3.33 3.36 3.71 3.71 3.71 3.73 4.13 4.12 4 A Shaded area is AHRI (TVA) conditions			Amps		9.4	9.4	9.5	10.8	10.8	10.8	10.9	12.3	12.3	12.3	12.4	13.9	13.9	13.9	14.0	15.7	15.7	15.7	15.8		17.9	17.8	17.9
Shaded area is AHRI (TVA) conditions			ΚW		2.69	2.68	2.70	3.00	2.99	2.99	3.01	3.34	3.34	3.33	3.36	3.71	3.71	3.71	3.73	4.13	4.13	4.12	4.15		4.62	4.61	4.64
	IDB = EI	ntering In	door Dry	Bulb Ten	nperature										Sh	aded are	a is AHRI	(TVA) coi	nditions					~	:W = Tota	l system	power
	High and	d low pres	ssures are	e measur.	ed at the	liquid an	d suction	1 service	valves.														Amps	= outdoo	r unit arr	nps (com	p.+fan)

												<u>ه</u>	<b>OUTDOOR AMBIENT TEMPERATURE</b>	AMBII	ENT TER	MPERAT	ÜRE									
				65	65ºF			7	75ºF			38	85ºF			6	95ºF			105≗F	Jō	П		115ºF	ᇤ	
												ENTERII	ENTERING INDOOR WET	OOR W	ET BUL	B TEMP	<b>BULB TEMPERATURE</b>	ш								
IDB	AIRF	AIRFLOW	26	63	<b>29</b>	71	29	63	29	71	29	63	<b>4</b> 9	71	69	63	29	71	29	63	<b>29</b>	71	26	63	29	71
		MBh	41.4	42.0	43.3		41.1	41.7	42.9	-	40.0	40.6	41.8	ı	38.1	38.7	40.0	-	6'58	36.5	37.7	-	33.8	34.4	35.6	-
		S/T	09:0	0.52	0.40		09.0	0.53	0.40	1	0.63	0.55	0.43	1	0.64	0.57	0.44	-	99.0	0.59	0.46	_	1.00	0.64	0.51	_
		ΔT	22	20	16		22	20	16	ı	22	20	16	ı	22	20	16	1	22	20	16	-	23	21	17	-
	1150	Lo PR	116	118	121	•	123	125	128	ı	130	131	134	ı	135	136	139	1	140	141	144	_	146	148	151	_
		Hi PR	232	233	234	•	268	269	271	1	306	307	309	ı	347	348	350	1	392	393	394	1	439	440	442	1
		Amps	7.2	7.2	7.2	1	8.3	8.3	8.3	1	9.5	9.5	9.5	1	10.8	10.8	10.7	1	12.2	12.2	12.2	,	13.9	13.9	13.8	1
		×	2.01	2.00	2.00	1	2.25	2.25	2.24	1	2.52	2.52	2.51	ı	2.82	2.81	2.81	1	3.14	3.14	3.14	,	3.53	3.53	3.52	,
		MBh	41.8	42.4	43.6	,	41.4			1	40.4	40.9	42.2	ı	38.5	39.1	40.3		36.2	36.8	38.1	,	34.2	34.7	36.0	1
		S/T	0.63	0.56	0.43	1	0.63			1	99.0	0.59	0.46	ı	0.68	09.0	0.48	1	0.70	0.63	0.50	-	1.00	0.67	0.55	-
		ΔT	21	19	15	•	21	19		1	21	19	15	ı	21	19	15	1	21	19	15	1	22	20	16	1
20	1250	Lo PR	117	119	122	1	124			1	131	132	135	ı	136	137	140	1	141	142	145	1	147	149	152	1
		Hi PR	233	234	235	•	269			1	307	308	310	1	349	350	351	1	393	394	395	'	440	441	443	'
		Amps	7.3	7.3	7.2	•	8.3			1	9.5	9.5	9.5	1	10.8	10.8	10.8	1	12.2	12.2	12.2	_	13.9	13.9	13.9	'
		ΚW	2.01	2.01	2.01	٠	2.26		- 1	'	2.53	2.53	2.52	'	2.82	2.82	2.82	-	3.15	3.15	3.15	-	3.54	3.54	3.53	-
		MBh	42.4	43.0	44.2		42.1				41.0	41.6	42.8		39.1	39.7	40.9	-	6'98	37.4	38.7	-	34.8	35.4	36.6	-
		S/T	99.0	0.59	0.46	1	0.67			1	0.69	0.62	0.49	ı	0.71	0.64	0.51	1	0.73	99.0	0.53	1	1.00	0.71	0.58	,
		ΔT	20	18	14	•	20			1	20	18	14	1	20	18	14	1	20	18	14	'	21	19	15	'
	1400	Lo PR	119	121	124	•	126	128		1	132	134	137	1	138	139	142	1	143	144	147	_	149	151	154	'
		Hi PR	235	236	237	1	271	272		1	309	310	312	ı	350	351	353	1	395	396	397	1	442	443	445	
		Amps	7.3	7.3	7.3	ı	8.4	8.4		1	9.6	9.6	9.5	ı	10.8	10.8	10.8	1	12.3	12.3	12.2	_	14.0	13.9	13.9	_
		×	2.02	2.02	2.02	1	2.27	2.26		1	2.54	2.54	2.53	1	2.83	2.83	2.83	1	3.16	3.16	3.16	1	3.55	3.55	3.54	1

Mail   41.5   42.0   43.1   45.0   45.0   42.0																											
12.2 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30			ARA	711 5	12.0	13.3	15.2	111	717		× 77	40.0	40.6	71 ×	13.7	38.7	38.7	40.0	41.0	25.0	36 5	27.7	39.6	33.8	37.7	35.6	375
0.52         0.39         0.75         0.68         0.55         0.41         1.00         0.69         0.57         0.43         1.00         0.71         0.59         0.45         1.00           21         16         27         25         21         17         26         24         20         16         26         24         20         16         27         17         10.8         139         134         136         137         140         141         140         141         140         146         136         136         137         140         142         140         146         140         141         146         146         146         146         146         146         146         136         136         136         136         136			IQ J	4	42.0		7.04	† 	4T.	47.3	0.	5.	5.0	4 0. I	7.7	20.7	7.00	5.	4 L.J	0.00	0.00	7.70	0.0	0.00	1.1	0.0	J. / J
21 16 27 25 21 17 26 24 20 16 26 24 20 16 26 24 20 16 27 24 20 16 27 24 20 18 21 21 21 21 21 21 21 21 21 21 21 21 21			L/S	0.72	0.65	0.52	0.38	0.72	0.65	0.52	0.39	0.75	0.68	0.55	0.41	1.00	69.0	0.57	0.43	1.00	0.71	0.59	0.45	1.00	0.76	0.64	0.50
128   133   130   131   134   139   135   136   136   136   140   141   144   149   149   146   141			ΔT	27	24	21	17	56	24	21	16	27	25	21	17	56	24	20	16	26	24	20	16	27	25	22	17
271         275         306         307         309         313         348         349         350         354         395         394         399 <th></th> <th>1150</th> <td>Lo PR</td> <td>116</td> <td>118</td> <td>121</td> <td>126</td> <td>123</td> <td>125</td> <td>128</td> <td>133</td> <td>130</td> <td>131</td> <td>134</td> <td>139</td> <td>135</td> <td>136</td> <td>139</td> <td>144</td> <td>140</td> <td>141</td> <td>144</td> <td>149</td> <td>146</td> <td>148</td> <td>151</td> <td>156</td>		1150	Lo PR	116	118	121	126	123	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	148	151	156
8.3 8.3 9.5 9.5 9.5 9.4 9.5 10.8 10.7 10.7 10.8 12.2 12.2 12.2 12.2 12.2 13.9 3.53   2.24 2.26 2.52 2.51 2.53 2.81 2.81 2.81 2.83 3.14 3.14 3.14 3.15 3.53   2.25 2.52 2.52 2.51 2.53 2.81 2.81 2.81 2.83 3.14 3.14 3.14 3.15 3.53   2.26 3.26 0.42 0.78 0.71 0.58 0.45 1.00 0.73 0.60 0.46 1.00 0.75 0.62 0.48 1.00   2.27 2.6 0.42 0.78 0.71 0.58 0.45 1.00 0.73 0.60 0.46 1.00 0.75 0.62 0.48 1.00   2.28 2.72 2.51 2.52 2.54 2.0 16 2.0 145 1.41 1.42 1.42 1.45 1.50 1.47   2.29 2.51 2.52 2.54 2.54 2.55 2.55 2.83 3.15 3.15 3.15 3.14 3.16 3.54   2.25 2.27 2.23 2.53 2.52 2.54 2.82 2.83 2.83 3.15 3.15 3.14 3.16 3.54   2.25 2.27 2.23 2.53 2.52 2.54 2.82 2.83 3.15 3.15 3.14 3.16 3.54   2.29 0.45 0.81 0.74 0.61 0.48 1.00 0.76 0.63 0.49 1.00 0.78 0.65 0.52 1.00   2.20 0.45 0.81 3.92 1.92 1.42 1.42 1.42 1.44 1.47 1.42 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.45 1.44 1.44			Hi PR	232	233	234	238	268	269	271	275	306	307	309	313	348	349	350	354	392	393	394	398	439	440	442	446
4.3.4         2.2.6         2.5.2         2.5.1         2.5.8         2.8.1         2.8.1         2.8.1         3.1.4         3.1.5         3.1.4         3.1.5         3.1.4         3.1.5         3.1.4         3.1.5         3.1.4         3.1.5         3.1.4         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.4         3.1.5         3.1.4         3.1.4         3.1.4         3.1.5         3.1.4         3.1.5         3.1.5         3.1.4         3.1.5         3.1.4         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5         3.1.5 <th< td=""><th></th><th></th><td>Amps</td><td>7.2</td><td>7.2</td><td>7.2</td><td>7.3</td><td>8.3</td><td>8.3</td><td>8.3</td><td>8.3</td><td>9.5</td><td>9.5</td><td>9.4</td><td>9.5</td><td>10.8</td><td>10.7</td><td>10.7</td><td>10.8</td><td>12.2</td><td>12.2</td><td>12.2</td><td>12.2</td><td>13.9</td><td>13.9</td><td>13.8</td><td>13.9</td></th<>			Amps	7.2	7.2	7.2	7.3	8.3	8.3	8.3	8.3	9.5	9.5	9.4	9.5	10.8	10.7	10.7	10.8	12.2	12.2	12.2	12.2	13.9	13.9	13.8	13.9
43.3         45.2         40.4         41.0         42.2         44.1         38.5         39.1         40.3         42.2         36.8         38.1         40.0         37.2         40.2         40.2         40.2         36.3         36.8         38.1         40.0         37.2         40.4         40.0         40.2         60.2 <th< td=""><th></th><th></th><td>ΚW</td><td>2.00</td><td>2.00</td><td>2.00</td><td>2.02</td><td>2.25</td><td>2.25</td><td>2.24</td><td>2.26</td><td>2.52</td><td>2.52</td><td>2.51</td><td>2.53</td><td>2.81</td><td>2.81</td><td>2.81</td><td>2.83</td><td>3.14</td><td>3.14</td><td>3.14</td><td>3.16</td><td>3.53</td><td>3.53</td><td>3.52</td><td>3.54</td></th<>			ΚW	2.00	2.00	2.00	2.02	2.25	2.25	2.24	2.26	2.52	2.52	2.51	2.53	2.81	2.81	2.81	2.83	3.14	3.14	3.14	3.16	3.53	3.53	3.52	3.54
0.56         0.42         0.78         0.71         0.56         0.45         1.00         0.73         0.60         0.46         1.00         0.75         0.62         0.48         1.00         0.73         0.60         0.64         1.00         0.75         0.62         0.48         1.00         0.73         0.60         0.64         0.79         0.62         0.48         1.00         0.73         0.62         0.74         0.70         0.74         0.75         0.75         0.75         0.75         0.75         0.79 <th< td=""><th></th><th></th><td>MBh</td><td>41.8</td><td>42.4</td><td>43.6</td><td>45.5</td><td>41.5</td><td>42.0</td><td>43.3</td><td>45.2</td><td>40.4</td><td>41.0</td><td>42.2</td><td>44.1</td><td>38.5</td><td>39.1</td><td>40.3</td><td>42.2</td><td>36.3</td><td>36.8</td><td>38.1</td><td>40.0</td><td>34.2</td><td>34.8</td><td>36.0</td><td>37.9</td></th<>			MBh	41.8	42.4	43.6	45.5	41.5	42.0	43.3	45.2	40.4	41.0	42.2	44.1	38.5	39.1	40.3	42.2	36.3	36.8	38.1	40.0	34.2	34.8	36.0	37.9
20         16         26         24         20         16         24         20         16         26         24         20         16         25         23         19         15         17         140         145         142         145         140         145         141         142         145         140         140         145         141         142         145         140         140         145         141         142         145         140         140         141         142         145         140         140         141         142         145         140         140         141         141         142         145         140         140         141         141         142         145         140<	_		S/T	0.75	0.68	0.55	0.42	92.0	0.68	0.56	0.42	0.78	0.71	0.58	0.45	1.00	0.73	09.0	0.46	1.00	0.75	0.62	0.48	1.00	0.80	0.67	0.53
129         134         135         140         136         137         140         145         141         142         145         150         147           272         276         308         309         310         314         349         350         351         355         393         394         396         400         440           8.3         8.4         9.5         9.5         9.6         10.8         10.8         10.8         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         13.2	_		ΔT	56	24	20	16	56	24	20	16	26	24	20	16	56	24	20	16	25	23	19	15	27	25	21	17
8.3         8.4         9.5 <th>75</th> <th>1250</th> <td>Lo PR</td> <td>117</td> <td>119</td> <td>122</td> <td>127</td> <td>124</td> <td>126</td> <td>129</td> <td>134</td> <td>131</td> <td>132</td> <td>135</td> <td>140</td> <td>136</td> <td>137</td> <td>140</td> <td>145</td> <td>141</td> <td>142</td> <td>145</td> <td>150</td> <td>147</td> <td>149</td> <td>152</td> <td>157</td>	75	1250	Lo PR	117	119	122	127	124	126	129	134	131	132	135	140	136	137	140	145	141	142	145	150	147	149	152	157
8.3 8.4 9.5 9.5 9.5 9.6 10.8 10.8 10.8 10.8 12. 12.2 12.2 12.3 13.9 13.9 13.9 2.25 2.27 2.53 2.52 2.54 2.82 2.83 3.15 3.15 3.15 3.14 3.16 3.54 3.54 43.9 45.8 41.0 41.6 42.8 44.7 39.1 39.7 41.0 42.8 36.9 37.5 38.7 40.6 34.8 13.0 13.1 136 13.2 13.1 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.1 13.2 13.2	_		Hi PR	233	234	236	240	569	270	272	276	308	309	310	314	349	350	351	355	393	394	396	400	440	441	443	447
2.25         2.27         2.25         2.54         2.82         2.82         2.83         3.15         3.15         3.14         3.16         3.54           43.9         45.8         41.0         41.6         42.8         44.7         39.1         39.7         41.0         42.8         36.9         37.5         38.7         40.6         34.8           6.59         0.45         0.41         0.41         0.48         1.00         0.76         0.63         0.49         1.00         0.78         0.65         0.52         1.00           19         15         23         19         15         23         19         15         24         27         18         14         26         1.00           131         136         132         142         143         143         144         147         152         149           274         278         309         310         312         31         352         353         357         395         396         398         402         442           274         278         329         329         329         328         328         328         328         328         328	_		Amps	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.4	9.5	9.5	9.5	9.6	10.8	10.8	10.8	10.8	12.2	12.2	12.2	12.3	13.9	13.9	13.9	14.0
43.9         45.8         41.0         41.6         42.8         44.7         39.7         41.0         42.8         36.9         37.5         38.7         40.6         34.8           19         15         0.45         0.74         0.61         0.48         1.00         0.76         0.63         0.49         1.00         0.78         0.65         0.52         1.00           19         15         25         23         19         15         24         22         18         14         26           131         136         132         142         147         147         144         147         152         149           274         278         309         310         31         35         35         35         395         396         398         402         442           8.3         8.4         9.6         9.5         9.6         10.8         10.8         10.9         12.3         12.3         12.3         13.9           8.2         2.2         2.5         2.5         2.5         2.83         2.84         3.16         3.16         3.15         3.13         3.55           8.2         2.2         <			××	2.01	2.01	2.01	2.02	2.26		2.25	2.27	2.53	2.53	2.52	2.54	2.82	2.82	2.82	2.83	3.15	3.15	3.14	3.16	3.54	3.53	3.53	3.55
0.59         0.45         0.64         0.64         1.00         0.76         0.63         0.69         1.00         0.78         0.65         0.65         0.63         0.69         1.00         0.78         0.65         0.65         0.65         0.69         0.69         0.69         0.69         0.69         0.69         0.69         0.69         0.78         0.66         0.78         0.65         0.69         1.00         0.78         0.69         1.09 <td< td=""><th></th><th></th><td>MBh</td><td>42.4</td><td>43.0</td><td>44.3</td><td>46.1</td><td>42.1</td><td></td><td>43.9</td><td>45.8</td><td>41.0</td><td>41.6</td><td>42.8</td><td>44.7</td><td>39.1</td><td>39.7</td><td>41.0</td><td>42.8</td><td>36.9</td><td>37.5</td><td>38.7</td><td>40.6</td><td>34.8</td><td>35.4</td><td>36.6</td><td>38.5</td></td<>			MBh	42.4	43.0	44.3	46.1	42.1		43.9	45.8	41.0	41.6	42.8	44.7	39.1	39.7	41.0	42.8	36.9	37.5	38.7	40.6	34.8	35.4	36.6	38.5
19 15 25 23 19 15 25 23 19 15 25 23 19 15 24 22 18 14 26 26 18 14 26 18 131 136 132 134 137 142 138 139 142 147 147 147 152 149 274 278 309 310 312 316 351 352 353 357 395 396 398 402 442 83 84 9.6 9.5 9.5 9.6 10.8 10.8 10.9 10.9 12.3 12.3 12.3 12.3 13.9 13.9 12.2 2.26 2.28 2.54 2.54 2.55 2.55 2.83 2.83 2.84 3.16 3.16 3.15 3.17 3.55 214dox = outdoor			S/T	0.78	0.71	0.58	0.45	0.79	0.72	0.59	0.45	0.81	0.74	0.61	0.48	1.00	92.0	0.63	0.49	1.00	0.78	0.65	0.52	1.00	0.83	0.70	0.56
131 136 132 134 137 142 138 139 142 147 144 147 152 149 149 274 278 309 310 312 316 351 352 353 357 395 396 398 402 442 442 8.3 8.4 9.6 9.5 9.5 9.6 10.8 10.8 10.9 10.9 12.3 12.3 12.2 12.3 13.9 13.9 2.26 2.28 2.54 2.54 2.55 2.55 2.83 2.83 2.84 3.16 3.16 3.15 3.17 3.55 2.14 2.15 3.15 3.17 3.55 3.17 3.17 3.17 3.17 3.17 3.17 3.17 3.17	_		ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	24	22	18	14	56	24	20	16
274 278 309 310 312 316 351 352 353 357 395 396 398 402 442 8.3 8.4 9.6 9.5 9.5 9.6 10.8 10.8 10.9 12.3 12.3 12.2 12.3 13.9 5 2.26 2.28 2.54 2.54 2.55 2.55 2.83 2.83 2.84 3.16 3.16 3.15 3.17 3.55 Shaded area reflects ACCA (TVA) conditions	_	1400	Lo PR	119	121	124	129	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	151	154	159
8.3 8.4 9.6 9.5 9.5 9.6 10.8 10.8 10.8 10.9 12.3 12.3 12.3 13.9 13.9 13.0 2.26 2.28 2.54 2.54 2.55 2.83 2.83 2.84 3.16 3.16 3.15 3.17 3.55 3.55 Shaded area reflects ACCA (TVA) conditions	_		Hi PR	235	236	237	242	271	272	274	278	309	310	312	316	351	352	353	357	395	396	398	402	442	443	445	449
5 2.26 2.28 2.54 2.54 2.55 2.85 2.83 2.83 2.84 3.16 3.16 3.15 3.17 3.55 Shaded area reflects ACCA (TVA) conditions			Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.3	8.4	9.6	9.5	9.5	9.6	10.8	10.8	10.8	10.9	12.3	12.3	12.2	12.3	13.9	13.9	13.9	14.0
Shaded area reflects ACCA (TVA) conditions Amps = outdoo			×	2.02	2.02	2.02	2.03	2.27	2.26	2.26	2.28	2.54	2.54	2.53	2.55	2.83	2.83	2.83	2.84	3.16	3.16	3.15	3.17	3.55	3.54	3.54	3.56
	= Ente	ering Ina	door Dry	Bulb Tem	perature										haded a	rea reflec	ts ACCA	(TVA) cor	ditions						kW = To	tal syster	n power
	J pue c	low pres	Sures are	measure	ad at the	lighting an	d suction	Service	sayles														Amn	s = outdo	or unit a	imps (cor	nn +fan)

	nditions
	C2 (V/L)
	Iduv
	roflorte
1	od area
	Shade

IDB	Aibe	WO	5	63	29	7.1	50	63	22	7.1			22	11			Н	H								
		MBh	41.7	42.3	43.5	45.4	41.3		ŀ	45.0	40.2	40.8	42.0		38.4	39.0	40.2 4	42.1	36.1 3	36.7 3	37.9 39		34.0 34.6	.6 35.9	9 37.7	7
		S/T	0.84	0.76	0.64	0.50	1.00	0.77		0.51						Ū				_		_			_	7
		∆T	31	29	25	21	31			21												_				_
	1150	Lo PR	117	118	121	126	124		128	133												_				
		Hi PR	232	233	235	239	569		271	275																.0
		Amps	7.2	7.2	7.2	7.3	8.3		8.3	8.4												_				6
		××	2.00	2.00	2.00	2.02	2.25		2.24	2.26				$\dashv$				_				$\dashv$				4
		MBh	42.0	42.6	43.9	45.7	41.7		43.5	45.4				_		_						_				1
		S/T	0.87	0.80	0.67	0.53	1.00		0.68	0.54																2
		ΔT	30	28	24	20	30		24	20																
8	1250	Lo PR	118	119	122	127	125		129	134																_
		Hi PR	233	234	236	240	270		273	277																_
		Amps	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.4			9.5	9.6								12.3   13	13.9 13.9			_
		ΚW	2.01	2.01	2.01	2.03	2.26		2.25	_				_								_				2
		MBh	42.7	43.2	44.5	46.4	42.3		44.1	⊢				├				_				├				_
		S/T	06.0	0.83	0.70	0.57	1.00		0.71					_								_				∞
		ΔT	29	27	23	19	29		23																	_
	1400	Lo PR	120	121	124	129	127		131																	6
		Hi PR	235	236	238	242	272		274																	0
		Amps	7.3	7.3	7.3	7.4	8.4		8.4																	0
		} ×	2.02	2.02	2.02	2.04	2.27	2.26	2.26	2.28	2.54		2.53	2.55	2.83		2.83		3.16 3		3.16 3.	_	3.55 3.55	3.54	4 3.56	9
										-	ŀ			ł											ł	1
		MBh	42.4	43.0	44.2	46.1	42.0		43.8	45.7				_		ľ	ľ					<u> </u>				4
		S/T	1.00	0.86	0.73	09.0	1.00		0.74	09.0						_	_					_	1.00 1.0		5 0.71	1
		∆T	35	33	29	25	35		29	25				_												_
	1150	Lo PR	119	120	123	128	126		130	135												_				- Ω
		Hi PR	233	234	236	240	270		272	276																_
		Amps	7.3	7.3	7.2	7.3	8.3		8.3	8.4																6
		ΚW	2.01	2.01	2.00	2.02	2.25		2.25	2.27																2
		MBh	42.7	43.3	44.5	46.4	42.4	42.9	44.2	46.1	41.3	41.9	43.1	45.0	39.4	40.0	41.2 4	43.1 3	37.2 3	37.8 39	39.0 40	40.9 35	35.1 35.7	.7 36.9	9 38.8	∞
		S/T	1.00	0.89	0.76	0.63	1.00		0.77	0.64						_	_									2
		ΔT	34	32	28	24	34		28	24																_
82	1250	Lo PR	120	121	124	129	127		131	136																6
		Hi PR	235	236	237	241	271		274	278																6
		Amps	7.3	7.3	7.3	7.3	8.4		8.3	8.4												_				0
		××	2.02	2.02	2.01	2.03	2.26	l	2.25	2.27	l			$\dashv$				$\dashv$				$\dashv$			l	9
		MBh	43.4	43.9	45.2	47.1	43.0		44.8	46.7							•									4
		S/T	1.00	0.92	0.80	99.0	1.00		0.80	0.67							_									∞
		ΔT	33	31	27	23	33		27	23																_
	1400	Lo PR	122	123	126	131	129		133	138																
		Hi PR	236	237	239	243	273		275	279		312	314									_				0
		Amps	7.3	7.3	7.3	7.4	8.4	8.4	8.4	8.5	9.6	9.6	9.6								2.3 12	2.3   14	14.0 14.0		$\leftarrow$	0
		KW	2.03	2.03	2.02	2.04	2.27	2.27	2.27	2.28	2.54	2.54	2.54	2.56	2.84	.84	2.83 2	3.85	3.17 3	.16 3.	16 3.	18 3.		55 3.5	5 3.57	7
IDB = Ent	Entering Indoor Dry	door Dry	Bulb Temperatu	perature									Sh	shaded are	rea reflects AHRI		(TVA) conditions	tions					Κ×	= Total syste	stem powe	wer
High and	High and low pressures are measured at the liquid and suction service valves	sures are	e measur	ed at the	liquid an	d suction	service v	alves.														Amps = (	outdoor u	Amps = outdoor unit amps (comp.+fan)	(comp.+f	an)

115ºF

105ºF

**ENTERING INDOOR WET BULB TEMPERATURE** 

**OUTDOOR AMBIENT TEMPERATURE** 

85ºF

75<u>º</u>F

65ºF

Mile   Sk.   Sk.													 	<b>OUTDOOR AMBIENT TEMPERATURE</b>	AMBIE	NT TEN	1PERAT	URE									
Mail					65	9£			<u>``</u>	5 <u>º</u> F			85	3ºF			36	3 <u>º</u> F			105	냥			115	년 년	
Mail												L	NTERIL	NG INDO	JOR W	ET BULE	3 TEMP	ERATUR	щ								
48B         58.1         58.9         68.0         58.9         58.4         58.6         58.9         58.4         56.1         56.4         56.1         58.9	IDB	AIRFLC	wc	59	63	29	71	59	63	29	71	65	63	29	71	59	63	29	71	29	63	29	71	29	63	<b>29</b>	71
448         57         66         6.54         6.64         6.65         6.67         6.67         6.67         6.67         6.75			MBh	58.1	58.9	60.7	1	57.6	58.4	60.1	ı	56.1	56.9	58.6	ı	53.5	54.4	56.1	ı	50.4	51.2	52.9	-	47.5	48.3	50.0	1
4MP         AT         22         16         -         2         16         -         2         2         16         -         2         2         2         2         2         2         2         2         2         2         2         3         4<			S/T	0.61	0.54	0.42		0.62	0.55	0.42	ı	0.64	0.57	0.45	ı	0.66	0.59	0.46	,	0.68	0.61	0.48	,	1.00	99.0	0.53	,
4480         LOPR         114         116         118         -         121         125         125         125         127         128         131         134         136         136         136         136         136         136         136         136         136         136         136         136         141         11		_	ΔT	22	20	16		22	20	16	ı	22	20	16	ı	22	20	16	-	22	19	15	_	23	21	17	_
Hi Fig. 144 245 246 - 282 283 284 - 32 151 151 151 151 - 172 172 172 171 194 144 14 12 414 - 464 461 461 461 461 461 461 461 461 461	-1	_	o PR	114	116	118		121	122	125	1	127	128	131	ı	132	134	136	-	137	139	141	,	143	145	148	1
KW         3.0         3.1         3.2         3.2         3.2         4.0         4.0         4.4		_	Hi PR	244	245	246		282	283	284	ı	322	323	324	ı	365	366	367	1	411	412	414	,	460	461	463	1
KW         3.20         3.10         3.50         3.59         3.58         3.58         4.02         4.01         4.49         4.49         4.48         -         5.01         5.00         5.00         5.63         3.58         3.58         3.58         3.59         3.58         3.58         3.59         4.01         4.02         4.01         4.01         4.49         4.49         4.48         -         5.01         5.00         5.03         5.64         4.79         5.01         5.01         5.00         5.03         5.62         4.70         6.02         5.03         6.71         6.70         6.03         6.04         6.05         6.07         6.03         6.71         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.07         6.05         6.04         6.05         6.04         6.05         6.07         6.05         6.04         6.05         6.07         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05         6.04         6.05 <th></th> <th>_</th> <th>4mps</th> <th>11.6</th> <th>11.6</th> <th>11.5</th> <th></th> <th>13.2</th> <th>13.2</th> <th>13.2</th> <th>ı</th> <th>15.1</th> <th>15.1</th> <th>15.1</th> <th>ı</th> <th>17.2</th> <th>17.2</th> <th>17.1</th> <th>1</th> <th>19.4</th> <th>19.4</th> <th>19.4</th> <th>,</th> <th>22.1</th> <th>22.1</th> <th>22.1</th> <th>1</th>		_	4mps	11.6	11.6	11.5		13.2	13.2	13.2	ı	15.1	15.1	15.1	ı	17.2	17.2	17.1	1	19.4	19.4	19.4	,	22.1	22.1	22.1	1
<ul> <li>MBH</li> <li>SS, 59, 61, 2</li> <li>G, 63, 61, 2</li> <li>G, 64, 61, 2&lt;</li></ul>			KW	3.20	3.20	3.19	ı	3.59	3.58	3.58	ı	4.02	4.02	4.01	1	4.49	4.49	4.48	-	5.01	5.01	5.00	-	5.63	5.62	5.62	_
45/7         6.63         6.64         6.79         6.47         6.68         6.61         6.69         6.69         6.79         6.74         6.68         6.61         6.49         6.69         6.69         6.79         6.47         6.69         6.79         6.47         6.79         6.74         6.79         6.74         6.79         6.74         6.79         6.74         6.79         6.79         6.74         6.79         6.79         6.74         6.79         6.79         6.74         6.79         6.79         6.74         7		_	_	58.7	59.5	61.2	,	58.2	59.0	60.7	1	29.7	57.5	59.2	ı	54.1	54.9	56.6	ı	51.0	51.8	53.5	-	48.1	48.9	50.6	1
460         Lore         11         15         1         15         1         15         1         15         1         15         1         15         1         15         1         15         15         1         15				0.63	0.56	0.44		0.64	0.57	0.45	ı	99.0	0.59	0.47	ı	0.68	0.61	0.49	-	0.70	0.63	0.51	_	1.00	0.68	0.55	_
460         LOPR         115         117         120         12         124         127         12         124         127         12         124         127         12         124         127         12         124         125         124         127         12         124         125         124         127         12         135         134         135         134         135         134         125         127				21	19	15		21	19	15	1	21	19	15	ı	21	19	15	1	21	19	15	,	22	20	16	1
Hi PR         445         246         489         284         324         324         326         366         367         369         412         413         415         415         416         416         416         418         415         415         415         415         419         415         419         415         415         419         419         415         415         415         416         416         416         416         416         416         416         416         417         417         17.2		_		115	117	120	,	122	124	127	1	128	130	133	ı	133	135	138	1	138	140	143	1	145	146	149	1
KW         3.21         3.24         3.25         3.63         4.03         4		_	Hi PR	245	246	248		283	284	286	1	323	324	326	1	366	367	369	-	412	413	415	,	462	463	464	-
KW         3.21         3.20         3.60         3.60         3.60         3.60         3.60         4.03         4.03         4.02         4.50         4.49         6.02         5.02         5.02         5.01         5.02         5.01         5.03         5.03         5.03         5.03         4.50         4.50         4.50         4.50         4.50         4.50         5.03         5.01         5.02         5.03         5.01         5.02         5.03         5.03         5.03         5.03         5.03         6		_	4mps	11.6	11.6	11.6		13.3	13.3	13.3	1	15.2	15.2	15.1	1	17.2	17.2	17.2	1	19.5	19.5	19.4	,	22.2	22.1	22.1	1
MBh         59.5         60.3         60.0         60.3         60.0			KW	3.21	3.21	3.20	,	3.60	3.60	3.59	1	4.03	4.03	4.02	1	4.50	4.50	4.49	-	5.02	5.02	5.01	-	5.64	5.63	5.63	-
5/T         0.65         0.58         0.46         -         0.69         0.59         0.46         -         0.69 </th <th></th> <th></th> <th></th> <th>59.5</th> <th>60.3</th> <th>62.0</th> <th></th> <th>59.0</th> <th>59.8</th> <th>61.5</th> <th></th> <th>57.5</th> <th>58.3</th> <th>0.09</th> <th></th> <th>54.9</th> <th>55.7</th> <th>57.5</th> <th>1</th> <th>51.8</th> <th>52.6</th> <th>54.3</th> <th>-</th> <th>48.9</th> <th>49.7</th> <th>51.4</th> <th>-</th>				59.5	60.3	62.0		59.0	59.8	61.5		57.5	58.3	0.09		54.9	55.7	57.5	1	51.8	52.6	54.3	-	48.9	49.7	51.4	-
AT 20 18 14 - 2 20 18 14 - 2 20 18 14 - 2 21 18 14 - 2 20 18 14 - 2 20 18 14 - 2 20 18 14 - 2 20 18 14 - 2 21 19 19 19 19 19 19 19 19 19 19 19 19 19				0.65	0.58	0.46	,	99.0	0.59	0.46	1	0.68	0.61	0.48	ı	0.70	0.63	0.50	1	0.72	0.65	0.52	,	1.00	69.0	0.57	1
Lo PR         117         118         121         -         124         125         128         -         130         131         134         -         135         136         136         136         136         136         136         136         136         136         136         136         136         137         1         144         415         417         418				20	18	14	,	20	18	14	1	21	18	14	ı	20	18	14	-	20	18	14	,	21	19	15	,
246     248     249     -     285     286     287     -     325     326     327     -     368     369     370     -     414     415     417     -     463     464       11.7     11.7     11.6     -     13.4     13.3     13.3     -     15.2     15.2     -     17.3     17.2     -     19.5     19.5     19.5     -     22.2     22.2       3.22     3.21     -     3.61     3.61     3.61     3.60     -     4.04     4.03     -     4.51     4.50     -     5.04     5.03     5.03     -     5.65     5.65		_		117	118	121		124	125	128	1	130	131	134	1	135	136	139	-	140	141	144	,	146	148	150	_
11.7     11.6     -     13.4     13.3     13.3     13.2     15.2     15.2     15.2     -     17.3     17.3     17.2     -     19.5     19.5     19.5     -     22.2     22.2       3.22     3.22     3.21     -     3.61     3.61     3.60     -     4.04     4.03     -     4.51     4.51     4.50     -     5.04     5.03     5.03     -     5.65     5.65		_	Hi PR	246	248	249		285	286	287	1	325	326	327	1	368	369	370	-	414	415	417	,	463	464	466	1
3.22 3.22 3.21 - 3.61 3.61 3.60 - 4.04 4.04 4.03 - 4.51 4.51 4.50 - 5.04 5.03 5.03 - 5.65 5.65		_	4mps	11.7	11.7	11.6		13.4	13.3	13.3	1	15.2	15.2	15.2	1	17.3	17.3	17.2	-	19.5	19.5	19.5	,	22.2	22.2	22.2	1
			≷	3.22	3.22	3.21	ı	3.61	3.61	3.60	ı	4.04	4.04	4.03		4.51	4.51	4.50		5.04	5.03	5.03	,	5.65	5.65	5.64	1

		MBh	58.2	59.0	60.7	63.3	57.7	58.5	60.2	62.8	299	57.0	58.7	61.3	53.6	54.4	56.1	58.7	50.4	51.2	53.0	55.6	47.6	48.4	50.1	52.7
		T/S	0.73	99.0	0.54	0.40	0.74	0.67	0.54	0.41	0.76	0.69	0.57	0.43	0.78	0.71	0.58	0.45	1.00	0.73	09.0	0.47	1.00	0.78	0.65	0.52
		ΔT	27	25	21	16	27	24	20	16	27	25	21	17	27	24	20	16	56	24	20	16	28	25	21	17
	1480	Lo PR	114	116	119	123	121	122	125	130	127	128	131	136	132	134	136	141	137	139	141	146	143	145	148	152
		Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	411	412	414	418	461	462	463	468
		Amps	11.6	11.5	11.5	11.6	13.2	13.2	13.2	13.3	15.1	15.1	15.1	15.2	17.2	17.1	17.1	17.2	19.4	19.4	19.4	19.5	22.1	22.1	22.1	22.2
		KW	3.20	3.19	3.19	3.22	3.59	3.58	3.58	3.61	4.02	4.01	4.01	4.04	4.49	4.48	4.48	4.51	5.01	5.01	5.00	5.03	5.62	5.62	5.61	5.64
		WBW	58.7	59.5	61.3	63.9	58.2	29.0	60.7	63.4	26.7	57.5	59.3	61.9	54.1	55.0	26.7	59.3	51.0	51.8	53.5	56.1	48.1	48.9	9.05	53.3
		S/T	0.75	0.68	0.56	0.43	0.76	69.0	0.56	0.43	0.78	0.71	0.59	0.46	1.00	0.73	0.61	0.47	1.00	0.75	0.63	0.49	1.00	0.80	0.67	0.54
		ΔT	56	24	20	16	56	24	20	16	26	24	20	16	56	24	20	16	56	23	19	15	27	25	21	17
75	1600	Lo PR	115	117	120	124	122	124	127	131	128	130	133	137	133	135	138	142	138	140	143	147	145	146	149	154
		Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	412	413	415	419	462	463	465	469
		Amps	11.6	11.6	11.6	11.7	13.3	13.3	13.2	13.4	15.2	15.2	15.1	15.3	17.2	17.2	17.2	17.3	19.5	19.5	19.4	19.6	22.1	22.1	22.1	22.2
		KW	3.21	3.21	3.20	3.23	3.60	3.59	3.59	3.62	4.03	4.03	4.02	4.05	4.50	4.49	4.49	4.52	5.02	5.02	5.01	5.04	5.63	5.63	5.62	5.65
		MBh	9.65	60.4	62.1	64.7	29.0	8.65	61.6	64.2	57.5	58.3	60.1	62.7	0.33	55.8	57.5	60.1	51.8	52.6	54.3	57.0	48.9	49.7	51.5	54.1
		S/T	0.77	0.70	0.57	0.44	0.78	0.71	0.58	0.45	0.80	0.73	09.0	0.47	1.00	0.75	0.62	0.49	1.00	0.77	0.64	0.51	1.00	0.81	69.0	0.56
		ΔT	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	14	56	24	20	16
	1750	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	148	150	155
		Hi PR	247	248	249	254	285	286	288	292	325	326	327	332	368	369	370	375	414	415	417	421	464	465	466	470
		Amps	11.7	11.6	11.6	11.7	13.3	13.3	13.3	13.4	15.2	15.2	15.2	15.3	17.3	17.2	17.2	17.3	19.5	19.5	19.5	19.6	22.2	22.2	22.2	22.3
		KW	3.22	3.22	3.21	3.24	3.61	3.61	3.60	3.63	4.04	4.04	4.03	4.06	4.51	4.51	4.50	4.53	5.03	5.03	5.02	5.05	5.65	5.64	5.64	5.67
IDB = En	IDB = Entering Indoor Dry Bulb Temperature	door Dry	Bulb Ten	perature										Shaded a	Shaded area reflects ACCA (TVA) conditions	ts ACCA	(TVA) cor	nditions						kW = Tot	kW = Total system power	n power
High and	High and low pressures are measured at the liquid and suction service valves	sures are	e measur	ed at the	liquid and	d suction	service v	alves.														Amp	Amps = outdoor unit amps (comp.+fan	or unit a	ups (con	np.+fan)

51.3 0.86 30 150 465 22.1 5.62

54.0 0.73 26 155 469 22.2 22.2 5.65 54.5 0.75 470 22.3 5.66 470 22.3 22.3 26.6 470 22.3

51.9 0.88 30 151 466 22.1 5.63

5.65

25 157 472 22.3

52.7 0.90 29 153 468

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		MBh	59.4	60.2	62.0	64.6	58.9	59.7	61.4	64.1	57.4	58.2	59.9	62.6	54.8	55.7	57.4	0.09	51.7	52.5	54.2	56.8	48.8	49.6
		5/1 \ \	1.UU 36	33	0.74 29	25	1.00 36	33	U.75 29	0.62 25	1.00 36	34	30	0.64 26	1.UU 36	1.00 33	0.79 29	0.66 25	1.00 35	1.UU 33	0.81 29	0.68	1.00 37	34
	1480	Lo PR	116	118	121	125	123	125	128	132	129	131	134	138	134	136	139	143	139	141	144	148	146	147
		Hi PR	245	246	248	252	283	285	286	290	323	324	326	330	366	367	369	373	413	414	415	420	462	463
		Amps	11.6	11.6	11.6	11.7	13.3	13.3	13.2	13.4	15.2	15.1	15.1	15.2	17.2	17.2	17.2	17.3	19.5	19.5	19.4	19.6	22.1	22.
_		KW	3.21	3.20	3.20	3.23	3.59	3.59	3.58	3.61	4.03	4.02	4.02	4.05	4.50	4.49	4.49	4.52	5.02	5.02	5.01	5.04	5.63	5.63
		MBh	0.09	8.09	62.5	65.1	59.5	60.3	62.0	64.6	58.0	58.8	60.5	63.1	55.4	56.2	57.9	9.09	52.3	53.1	54.8	57.4	49.4	50.2
		S/T	1.00	0.89	0.77	0.64	1.00	0.90	0.77	0.64	1.00	0.92	0.80	99.0	1.00	1.00	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00
		ΔT	35	33	29	25	35	33	29	25	35	33	29	25	35	33	29	25	35	32	28	24	36	34
82	1600	Lo PR	118	119	122	127	124	126	129	134	130	132	135	140	136	137	140	145	141	142	145	150	147	148
_	_	Hi PR	247	248	249	254	285	286	287	292	325	326	327	332	368	369	370	375	414	415	417	421	463	465
		Amps	11.6	11.6	11.6	11.7	13.3	13.3	13.3	13.4	15.2	15.2	15.2	15.3	17.2	17.2	17.2	17.3	19.5	19.5	19.5	19.6	22.2	22.2
		KW	3.22	3.22	3.21	3.24	3.61	3.60	3.60	3.63	4.04	4.04	4.03	4.06	4.51	4.50	4.50	4.53	5.03	5.03	5.02	5.05	5.64	5.64
		MBh	8.09	61.6	63.3	0.99	60.3	61.1	62.8	65.4	58.8	9.65	61.3	63.9	56.2	57.0	58.8	61.4	53.1	53.9	55.6	58.2	50.2	51.0
		S/T	1.00	0.91	0.78	0.65	1.00	0.91	0.79	99.0	1.00	0.94	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00	0.85	0.72	1.00	1.00
		ΔT	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	23	35	33
	1750	Lo PR	119	121	123	128	126	127	130	135	132	133	136	141	137	139	141	146	142	143	146	151	148	15(
		Hi PR	248	249	251	255	286	287	289	293	326	327	329	333	369	370	372	376	416	417	418	423	465	466
		Amps	11.7	11.7	11.7	11.8	13.4	13.4	13.3	13.5	15.3	15.3	15.2	15.4	17.3	17.3	17.3	17.4	19.6	19.6	19.5	19.7	22.2	22.
		KW	3.23	3.23	3.22	3.25	3.62	3.62	3.61	3.64	4.05	4.05	4.04	4.07	4.52	4.52	4.51	4.54	5.04	5.04	5.03	5.06	5.66	5.6
IDB = En	IDB = Entering Indoor Dry Bulb Temperature	door Dry	Bulb Ten	perature									S	Shaded area reflects AHRI (TVA) conditions	ea reflec	s AHRI (T	VA) cond	litions						kW = Tot

												ō	<b>OUTDOOR AMBIENT TEMPERATURE</b>	AMBIER	IT TEM	PERATU	RE						
				65	65ºF			75	75ºF			85ºF	9F			95ºF	3F			105ºF	ēΕ		
											Е	NTERIN	<b>ENTERING INDOOR WET</b>	OR WE	T BULB	TEMPE	<b>BULB TEMPERATURE</b>						
IDB	AIRE	AIRFLOW	23	63	<b>29</b>	71	29	63	29	71	29	63	<b>29</b>	71	29	63	<b>29</b>	71	29	63	<b>29</b>	71	29
		MBh	58.5	59.3	61.0	9.89	58.0	58.8	60.5	63.1	56.5	57.3	59.0	61.6	53.9	54.7	56.4	59.0	50.7	51.5	53.3	55.9	47.9
		S/T	0.85	0.78	0.65	0.52	0.85	0.78	99.0	0.53	1.00	0.80	0.68	0.55	1.00	0.82	0.70	0.57	1.00	0.84	0.72	0.59	1.00
		ΔT	31	29	25	21	31	29	25	21	32	30	56	21	31	29	25	21	31	29	25	21	32
	1480	Lo PR	115	116	119	124	122	123	126	131	128	129	132	137	133	134	137	142	138	139	142	147	144
		Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	414	419	461
		Amps	11.6	11.5	11.5	11.6	13.2	13.2	13.2	13.3	15.1	15.1	15.1	15.2	17.2	17.2	17.1	17.3	19.4	19.4	19.4	19.5	22.1
		ΚW	3.20	3.20	3.19	3.22	3.59	3.58	3.58	3.61	4.02	4.02	4.01	4.04	4.49	4.48	4.48	4.51	5.01	5.01	5.00	5.03	5.62
		MBh	59.0	59.8	61.6	64.2	58.5	59.3	61.0	63.7	57.0	57.8	59.5	62.2	54.4	55.3	57.0	9.65	51.3	52.1	53.8	56.4	48.4
		S/T	0.87	0.80	0.67	0.54	1.00	0.80	0.68	0.55	1.00	0.83	0.70	0.57	1.00	0.85	0.72	0.59	1.00	0.87	0.74	0.61	1.00
		ΔT	31	29	25	20	31	28	24	20	31	29	25	21	31	28	24	20	30	28	24	20	32
8	1600	Lo PR	116	117	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	140	143	148	145
		Hi PR	246	247	248	252	284	285	286	291	324	325	326	330	367	368	369	373	413	414	416	420	462
		Amps	11.6	11.6	11.6	11.7	13.3	13.3	13.3	13.4	15.2	15.2	15.1	15.3	17.2	17.2	17.2	17.3	19.5	19.5	19.4	19.6	22.2
		KW	3.21	3.21	3.20	3.23	3.60	3.60	3.59	3.62	4.03	4.03	4.02	4.05	4.50	4.50	4.49	4.52	5.02	5.02	5.01	5.04	5.64
		MBh	59.8	60.7	62.4	65.0	59.3	60.1	61.9	64.5	57.8	58.6	60.4	63.0	55.3	56.1	57.8	60.4	52.1	52.9	54.6	57.3	49.2
		S/T	0.88	0.81	69.0	0.56	1.00	0.82	0.70	0.56	1.00	0.84	0.72	0.59	1.00	98.0	0.74	0.61	1.00	0.88	92.0	0.63	1.00
		ΔT	30	28	24	20	30	28	24	19	30	28	24	20	30	28	24	19	30	27	23	19	31
	1750	Lo PR	118	119	122	127	124	126	129	133	130	132	135	139	135	137	140	144	140	142	145	149	147
		Hi PR	247	248	250	254	285	286	288	292	325	326	328	332	368	369	371	375	415	416	417	421	464
		Amps	11.7	11.7	11.6	11.8	13.4	13.3	13.3	13.4	15.2	15.2	15.2	15.3	17.3	17.3	17.2	17.4	19.5	19.5	19.5	19.6	22.2
		≥ ≥	3.22	3.22	3.21	3.24	3.61	3.61	3.60	3.63	4.04	4.04	4.03	4.06	4.51	4.51	4.50	4.53	5.03	5.03	5.03	5.05	5.65

22.2 5.64 53.6 0.66 0.66 21 1154 469 22.2 5.66 54.4 0.67 21 156 471 5.67

22.1 5.63

50.0

51.8 0.80 25 151 467

1.00 29 148 465

0.79 26 149 465 22.1 5.63

1.00 30 146 463

22.1

22.1 5.62 49.2

115ºF

48.7 0.89

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



## ENERGY STAR-CERTIFIED COMBINATIONS ^

OUTDOOR	INDOOR UNITS		COOLING RATINGS				CFM	AHRI#
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFIVI	АПКІ #
	AVPTC29B14A*		24,000	18,200	18.00	14.00	760	10332541
	CA*F3137*6A*+MBVC1200**-1A*+TXV		24,000	18,200	19.00	14.00	890	10332543
	CA*F3137*6A*+TXV	A*VC80603B*B*	24,000	18,200	18.00	14.00	820	10332547
	CA*F3137*6A*+TXV	A*VC960403BNA*	23,800	18,000	18.00	13.50	800	10332572
ASXC18	CA*F3137*6A*+TXV	A*VC960603BNA*	23,800	18,000	18.00	13.50	820	10332579
0241B*	CA*F3137*6A*+TXV	A*VM970603BNA*	23,800	18,000	18.00	13.50	820	10332586
	CHPF3636B6C*+TXV	A*VC80603B*B*	23,800	18,000	18.00	13.50	820	10332551
	CHPF3636B6C*+TXV	A*VC960403BNA*	23,400	17,600	18.00	13.50	800	10332576
	CHPF3636B6C*+TXV	A*VC960603BNA*	23,400	17,600	18.00	13.50	820	10332583
	CHPF3636B6C*+TXV	A*VM970603BNA*	23,400	17,600	18.00	13.50	820	10332590
	AVPTC59C14A*		35,400	26,800	17.50	13.00	1,240	10332616
	CA*F3137*6A*+TXV	A*VC80604B*B*	35,000	26,600	17.50	13.00	1,130	10332635
	CA*F4961*6D*+TXV	A*VC80604B*B*	35,000	26,600	18.00	13.00	1,130	10332634
	CA*F4961*6D*+TXV	A*VC80804C*B*	35,000	26,600	18.00	13.00	1,100	10332646
	CA*F4961*6D*+TXV	A*VC80805C*B*	36,000	27,200	18.00	13.50	1,200	10332651
ASXC18	CA*F4961*6D*+TXV	A*VC960403BNA*	34,000	25,800	17.00	13.00	1,100	10332665
0361B*	CA*F4961*6D*+TXV	A*VC961005CNA*	34,600	26,200	18.00	13.00	1,120	10332689
	CA*F4961*6D*+TXV	A*VC961205DNA*	34,800	26,400	18.00	13.00	1,150	10332695
	CA*F4961*6D*+TXV	A*VM971005CNA*	34,600	26,200	18.00	13.00	1,120	10332718
	CA*F4961*6D*+TXV	A*VM971205DNA*	34,800	26,400	18.00	13.00	1,150	10332724
	CHPF4860D6D*+TXV	A*VC961005CNA*	34,600	26,200	17.50	13.00	1,120	10332693
	CHPF4860D6D*+TXV	A*VM971005CNA*	34,600	26,200	17.50	13.00	1,120	10332722
	AVPTC61D14A*		48,000	36,400	18.00	13.00	1,720	10332735
	CA*F4961*6D*+MBVC2000**-1A*+TXV		48,000	36,400	18.00	13.50	1,560	10332738
	CA*F4961*6D*+TXV	A*VC80805C*B*	48,000	36,400	18.00	13.30	1,400	10332740
ASXC18	CA*F4961*6D*+TXV	A*VC961005CNA*	48,000	36,400	18.00	13.00	1,450	10332756
0481B*	CA*F4961*6D*+TXV	A*VC961005DNA*	48,000	36,400	18.00	13.20	1,400	10332760
	CA*F4961*6D*+TXV	A*VC961205DNA*	48,000	36,400	18.00	13.00	1,400	10332764
	CA*F4961*6D*+TXV	A*VM971005CNA*	48,000	36,400	18.00	13.00	1,450	10332772
	CA*F4961*6D*+TXV	A*VM971205DNA*	48,000	36,400	18.00	13.00	1,400	10332776
ASXC18	AVPTC61D14A*		56,500	41,000	16.5	13.0	1,660	10510216
0601B*	CA*F4961*6D*+MBVC2000**-1A*+TXV		58,000	43,400	17.0	13.0	1,720	10510217

<sup>^</sup> 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.

### NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Amana brand gas furnace contains the EEP cooling time delay.

<sup>1</sup> BTU/h

 $<sup>^{2}\,</sup>$  Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

<sup>&</sup>lt;sup>3</sup> Energy Efficiency Ratio @ 80°F/67°F/95°F

OUTDOOR	INDOOR UNITS			COOLING	RATINGS			
UNIT	COILS/AIR HANDLERS	Furnaces	TOTAL <sup>1</sup>	SENS.1	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
	AVPTC24B14A*		23,000	17,400	17.0	13.0	780	10332540
	AVPTC25B14A*		23,000	17,400	17.0	13.0	800	10332539
	AVPTC29B14A*		24,000	18,200	18.0	14.0	760	10332541
	AVPTC30C14A*		23,400	17,600	17.5	13.5	800	10332542
	CA*F3137*6A*+EEP+TXV		23,400	17,600	15.5	13.0	760	10332534
	CA*F3137*6A*+MBVC1200**-1A*+TXV		24,000	18,200	19.0	14.0	890	10332543
	CA*F3137*6A*+TXV	A*VC80603B*B*	24,000	18,200	18.0	14.0	820	10332547
	CA*F3137*6A*+TXV	A*VC80604B*B*	24,000	18,200	18.0	14.0	820	10332554
	CA*F3137*6A*+TXV	A*VC80803B*B*	24,000	18,200	18.0	14.0	850	10332560
	CA*F3137*6A*+TXV	A*VC960403BNA*	23,800	18,000	18.0	13.5	800	10332572
	CA*F3137*6A*+TXV	A*VC960603BNA*	23,800	18,000	18.0	13.5	820	10332579
	CA*F3137*6A*+TXV	A*VM970803BNA*	23,800	18,000	18.0	13.5	820	10332600
	CA*F3137*6A*+TXV	A*VM970603BNA*	23,800	18,000	18.0	13.5	820	10332586
	CA*F3137*6A*+TXV	A*VC960803BNA*	23,800	18,000	18.0	13.5	820	10332593
	CA*F3636*6D*+EEP+TXV		23,000	17,400	15.0	12.5	830	10332535
	CA*F3636*6D*+MBVC1200**-1A*+TXV		23,600	17,800	18.0	14.0	880	10332544
	CA*F3636*6D*+TXV	A*VC80604B*B*	23,600	17,800	18.0	13.5	820	10332555
	CA*F3636*6D*+TXV	A*VC80603B*B*	23,600	17,800	18.0	13.5	820	10332548
	CA*F3636*6D*+TXV	A*VC960603BNA*	23,200	17,600	18.0	13.5	820	10332580
	CA*F3636*6D*+TXV	A*VC960403BNA*	23,200	17,600	18.0	13.5	800	10332573
	CA*F3636*6D*+TXV	A*VC80803B*B*	23,400	17,600	18.0	13.5	850	10332561
	CA*F3636*6D*+TXV	A*VC960803BNA*	23,200	17,600	18.0	13.5	820	10332594
ASXC18	CA*F3636*6D*+TXV	A*VM970603BNA*	23,200	17,600	18.0	13.5	820	10332587
0241B*	CA*F3636*6D*+TXV	A*VM970803BNA*	23,200	17,600	18.0	13.5	820	10332601
	CA*F3642*6D*+EEP+TXV		23,000	17,400	15.0	12.5	830	10332536
	CA*F3642*6D*+MBVC1200**-1A*+TXV		23,800	18,000	18.0	14.0	890	10332545
	CA*F3642*6D*+TXV	A*VC80603B*B*	23,800	18,000	18.0	13.5	820	10332549
	CA*F3642*6D*+TXV	A*VC80604B*B*	23,800	18,000	18.0	13.5	820	10332556
	CA*F3642*6D*+TXV	A*VC80803B*B*	23,600	17,800	18.0	13.5	850	10332562
	CA*F3642*6D*+TXV	A*VC80805C*B*	23,400	17,600	18.0	13.5	800	10332567
	CA*F3642*6D*+TXV	A*VC960403BNA*	23,400	17,600	18.0	13.5	800	10332574
	CA*F3642*6D*+TXV	A*VC960603BNA*	23,400	17,600	18.0	13.5	820	10332581
	CA*F3642*6D*+TXV	A*VM970803BNA*	23,400	17,600	18.0	13.5	820	10332602
	CA*F3642*6D*+TXV	A*VM970603BNA*	23,400	17,600	18.0	13.5	820	10332588
	CA*F3642*6D*+TXV	A*VC960803BNA*	23,400	17,600	18.0	13.5	820	10332595
	CA*F3743*6D*+TXV	A*VC960803BNA*	23,600	17,800	18.0	13.5	820	10332596
	CA*F3743*6D*+TXV	A*VM970603BNA*	23,600	17,800	18.0	13.5	820	10332589
	CA*F3743*6D*+TXV	A*VM970803BNA*	23,600	17,800	18.0	13.5	820	10332603
	CA*F3743*6D*+TXV	A*VC960603BNA*	23,600	17,800	18.0	13.5	820	10332582
	CA*F3743*6D*+TXV	A*VC960403BNA*	23,600	17,800	18.0	13.5	800	10332575
	CA*F3743*6D*+TXV	A*VC80805C*B*	23,600	17,800	18.0	13.5	800	10332568
	CA*F3743*6D*+TXV	A*VC80803B*B*	23,600	17,800	18.0	13.5	850	10332563
	CA*F3743*6D*+TXV	A*VC80603B*B*	23,800	18,000	18.0	13.5	820	10332550
	CHPF3636B6C*+EEP+TXV		23,200	17,600	15.0	12.5	830	10332537
	CHPF3636B6C*+TXV	A*VC80603B*B*	23,800	18,000	18.0	13.5	820	10332551
	CHPF3636B6C*+TXV	A*VC80604B*B*	23,800	18,000	18.0	13.5	820	10332557

OUTDOOR	Indoor Units			Cooling	RATINGS		CEN 4	AHRI#
UNIT	COILS/AIR HANDLERS	Furnaces	TOTAL <sup>1</sup>	SENS.1	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHKI#
	CHPF3636B6C*+TXV	A*VC80803B*B*	23,600	17,800	18.0	13.5	850	10332564
	CHPF3636B6C*+TXV	A*VC960403BNA*	23,400	17,600	18.0	13.5	800	10332576
	CHPF3636B6C*+TXV	A*VC960603BNA*	23,400	17,600	18.0	13.5	820	10332583
	CHPF3636B6C*+TXV	A*VM970803BNA*	23,400	17,600	18.0	13.5	820	10332604
	CHPF3636B6C*+TXV	A*VM970603BNA*	23,400	17,600	18.0	13.5	820	10332590
	CHPF3636B6C*+TXV	A*VC960803BNA*	23,400	17,600	18.0	13.5	820	10332597
	CHPF3642C6C*+EEP+TXV		23,200	17,600	15.0	12.5	830	10332538
	CHPF3642C6C*+MBVC1200**-1A*+TXV		24,000	18,200	18.0	14.0	890	10332546
	CHPF3642C6C*+TXV	A*VC80604B*B*	23,800	18,000	18.0	13.5	820	10332558
	CHPF3642C6C*+TXV	A*VC80603B*B*	23,800	18,000	18.0	13.5	820	10332552
	CHPF3642C6C*+TXV	A*VC960603BNA*	23,400	17,600	18.0	13.5	820	10332584
	CHPF3642C6C*+TXV	A*VC960403BNA*	23,400	17,600	18.0	13.5	800	10332577
ASXC18	CHPF3642C6C*+TXV	A*VC80803B*B*	23,600	17,800	18.0	13.5	850	10332565
0241B*	CHPF3642C6C*+TXV	A*VC80805C*B*	23,600	17,800	18.0	13.5	800	10332569
(Contd.)	CHPF3642C6C*+TXV	A*VC960803BNA*	23,400	17,600	18.0	13.5	820	10332598
	CHPF3642C6C*+TXV	A*VM970603BNA*	23,400	17,600	18.0	13.5	820	10332591
	CHPF3642C6C*+TXV	A*VM970803BNA*	23,400	17,600	18.0	13.5	820	10332605
	CHPF3743C6B*+TXV	A*VC80805C*B*	23,600	17,800	18.0	13.5	800	10332570
	CSCF3642N6D*+TXV	A*VC80805C*B*	23,800	18,000	18.0	14.0	800	10332571
	CSCF3642N6D*+TXV	A*VC80803B*B*	24,000	18,200	18.0	14.0	850	10332566
	CSCF3642N6D*+TXV	A*VC960403BNA*	23,800	18,000	18.0	13.5	800	10332578
	CSCF3642N6D*+TXV	A*VC960603BNA*	23,800	18,000	18.0	13.5	820	10332585
	CSCF3642N6D*+TXV	A*VC80603B*B*	24,000	18,200	18.0	14.0	820	10332553
	CSCF3642N6D*+TXV	A*VC80604B*B*	24,000	18,200	18.0	14.0	820	10332559
	CSCF3642N6D*+TXV	A*VM970803BNA*	23,800	18,000	18.0	13.5	820	10332606
	CSCF3642N6D*+TXV	A*VM970603BNA*	23,800	18,000	18.0	13.5	820	10332592
	CSCF3642N6D*+TXV	A*VC960803BNA*	23,800	18,000	18.0	13.5	820	10332599
	CA*F3743*6D*+EEP+TXV		34,000	25,800	15.0	12.2	1,130	10332607
	CA*F4961*6D*+EEP+TXV		34,000	25,800	15.5	12.5	1,050	10332608
	CHPF4860D6D*+EEP+TXV		34,000	25,800	15.0	12.5	1,130	10332609
	CSCF4860N6D*+EEP+TXV		34,000	25,800	15.0	12.5	1,130	10332610
	AVPTC37C14A*		34,000	25,800	16.5	12.5	1,250	10332611
	AVPTC42D14A*		35,000	26,600	18.0	13.0	1,220	10332612
	AVPTC48C14A*		34,000	25,800	16.5	12.5	1,180	10332613
	AVPTC48D14A*		36,000	27,200	17.5	13.0	1,210	10332614
101/01/0	AVPTC49D14A*		36,000	27,200	17.5	13.0	1,320	10332615
ASXC18 0361B*	AVPTC59C14A*		35,400	26,800	17.5	13.0	1,240	10332616
11313	CA*F3743*6D*+MBVC1600**-1A*+TXV		35,000	26,600	17.5	13.0	1,220	10332617
	CA*F4961*6D*+MBVC1600**-1A*+TXV		36,000	27,200	18.0	13.0	1,220	10332618
	CHPF3642C6C*+MBVC1600**-1A*+TXV		35,000	26,600	17.0	13.0	1,220	10332619
	CHPF3743C6B*+MBVC1600**-1A*+TXV		35,000	26,600	17.0	13.0	1,220	10332620
	CA*F3743*6D*+MBVC2000**-1A*+TXV		35,000	26,600	18.0	13.0	1,275	10332621
	CA*F4961*6D*+MBVC2000**-1A*+TXV		36,000	27,200	18.0	13.5	1,275	10332622
	CA*F4860*6D*+MBVC2000**-1A*+TXV		35,000	26,600	18.0	13.0	1,275	10332623
	CHPF3642D6C*+MBVC2000**-1A*+TXV		34,000	25,800	17.0	13.0	1,275	10332624
	CHPF3743D6B*+MBVC2000**-1A*+TXV		35,000	26,600	18.0	13.0	1,275	10332625

OUTDOOR	Indoor Units			COOLING	RATINGS			
Unit	Coils/Air Handlers	FURNACES	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
	CHPF4860D6D*+MBVC2000**-1A*+TXV		36,000	27,200	18.0	13.5	1,275	10332626
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,000	25,800	17.0	13.0	1,100	10332627
	CA*F4961*6D*+TXV	A*VC80603B*B*	35,000	26,600	18.0	13.0	1,100	10332628
	CA*F3137*6A*+TXV	A*VC80603B*B*	34,000	25,800	17.0	12.5	1,100	10332629
	CAPT4961*4A*	A*VC80603B*B*	35,000	26,600	17.5	13.0	1,100	10332630
	CSCF3642N6D*+TXV	A*VC80603B*B*	34,400	26,000	17.0	13.0	1,100	10332631
	CHPF3743C6B*+TXV	A*VC80603B*B*	34,400	26,000	17.0	12.5	1,100	10332632
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,000	25,800	17.0	13.0	1,130	10332633
	CA*F4961*6D*+TXV	A*VC80604B*B*	35,000	26,600	18.0	13.2	1,130	10332634
	CA*F3137*6A*+TXV	A*VC80604B*B*	35,000	26,600	17.5	13.0	1,130	10332635
	CHPF3743C6B*+TXV	A*VC80604B*B*	35,000	26,600	17.0	13.0	1,130	10332636
	CHPF3743D6B*+TXV	A*VC80604B*B*	35,000	26,600	17.5	13.0	1,130	10332637
	CHPF4860D6D*+TXV	A*VC80604B*B*	36.000	27,200	18.0	13.0	1,130	10332638
	CA*F3743*6D*+TXV	A*VC80803B*B*	34,000	25,800	17.0	13.0	1,100	10332639
	CA*F4961*6D*+TXV	A*VC80803B*B*	35,000	26,600	18.0	13.0	1,100	10332640
	CA*F3137*6A*+TXV	A*VC80803B*B*	34,000	25,800	17.0	13.0	1,100	10332641
	CAPT4961*4A*	A*VC80803B*B*	35,000	26,600	17.5	13.0	1,100	10332642
	CSCF3642N6D*+TXV	A*VC80803B*B*	34,000	25,800	17.0	13.0	1,100	10332643
	CHPF3743C6B*+TXV	A*VC80803B*B*	34,400	26,000	17.0	12.5	1,100	10332644
	CA*F3743*6D*+TXV	A*VC80804C*B*	34,000	25,800	17.0	13.0	1,100	10332645
	CA*F4961*6D*+TXV	A*VC80804C*B*	35,000	26,600	18.0	13.0	1,100	10332646
	CHPF3743C6B*+TXV	A*VC80804C*B*	34,400	26,000	17.0	12.5	1,100	10332647
ASXC18	CHPF3743D6B*+TXV	A*VC80804C*B*	34,000	25,800	17.0	13.0	1,100	10332648
0361B*	CHPF4860D6D*+TXV	A*VC80804C*B*	35,000	26,600	17.5	13.0	1,100	10332649
	CA*F3743*6D*+TXV	A*VC80805C*B*	35,000	26,600	17.0	13.0	1,200	10332650
	CA*F4961*6D*+TXV	A*VC80805C*B*	36,000	27,200	18.0	13.7	1,200	10332651
	CHPF3743C6B*+TXV	A*VC80805C*B*	35,000	26,600	17.0	13.0	1,200	10332652
	CHPF3743D6B*+TXV	A*VC80805C*B*	35,000	26,600	17.0	13.0	1,200	10332653
	CHPF4860D6D*+TXV	A*VC80805C*B*	36,000	27,200	18.0	13.5	1,200	10332654
	CA*F3743*6D*+TXV	A*VC80805D*B*	35,000	26,600	17.0	13.0	1,220	10332655
	CA*F4961*6D*+TXV	A*VC80805D*B*	36,000	27,200	18.0	13.5	1,220	10332656
	CHPF3743D6B*+TXV	A*VC80805D*B*	35,000	26,600	17.0	13.0	1,220	10332657
	CHPF4860D6D*+TXV	A*VC80805D*B*	36,000	27,200	18.0	13.5	1,220	10332658
	CA*F3743*6D*+TXV	A*VC81005C*B*	35,000	26,600	17.0	13.0	1,200	10332659
	CA*F4961*6D*+TXV	A*VC81005C*B*	36,000	27,200	18.0	13.5	1,200	10332660
	CHPF3743C6B*+TXV	A*VC81005C*B*	35,000	26,600	17.0	13.0	1,200	10332661
	CHPF3743D6B*+TXV	A*VC81005C*B*	35,000	26,600	17.0	13.0	1,200	10332662
	CHPF4860D6D*+TXV	A*VC81005C*B*	36,000	27,200	18.0	13.5	1,200	10332663
	CA*F3743*6D*+TXV	A*VC960403BNA*	33,600	25,400	16.5	13.0	1,100	10332664
	CA*F4961*6D*+TXV	A*VC960403BNA*	34,000	25,800	17.0	13.0	1,100	10332665
	CA*F3137*6A*+TXV	A*VC960403BNA*	34,000	25,800	16.5	13.0	1,100	10332666
	CAPT4961*4A*	A*VC960403BNA*	34,000	25,800	16.5	13.0	1,100	10332667
	CSCF3642N6D*+TXV	A*VC960403BNA*	34,000	25,800	16.5	13.0	1,100	10332668
	CHPF3743C6B*+TXV	A*VC960403BNA*	34,000	25,800	16.5	13.0	1,100	10332669
	CA*F3743*6D*+TXV	A*VC960603BNA*	33,600	25,400	16.0	12.5	1,140	10332670
	CA*F4961*6D*+TXV	A*VC960603BNA*	34,000	25,800	17.0	13.0	1,140	10332670

OUTDOOR	Indoor Units			COOLING RATINGS		COOLING RATINGS		TINGS		
UNIT	COILS/AIR HANDLERS	Furnaces	TOTAL <sup>1</sup>	SENS.1	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#		
	CA*F3137*6A*+TXV	A*VC960603BNA*	34,000	25,800	17.0	13.0	1,140	10332672		
	CAPT4961*4A*	A*VC960603BNA*	34,000	25,800	17.0	13.0	1,140	10332673		
	CSCF3642N6D*+TXV	A*VC960603BNA*	34,000	25,800	17.0	13.0	1,140	10332674		
	CHPF3743C6B*+TXV	A*VC960603BNA*	33,600	25,400	16.5	13.0	1,140	10332675		
	CA*F3743*6D*+TXV	A*VC960803BNA*	33,600	25,400	16.0	12.5	1,140	10332676		
	CA*F4961*6D*+TXV	A*VC960803BNA*	34,000	25,800	16.5	13.0	1,140	10332677		
	CA*F3137*6A*+TXV	A*VC960803BNA*	34,000	25,800	17.0	13.0	1,140	10332678		
	CAPT4961*4A*	A*VC960803BNA*	34,000	25,800	16.5	13.0	1,140	10332679		
	CSCF3642N6D*+TXV	A*VC960803BNA*	34,000	25,800	16.5	13.0	1,140	10332680		
	CHPF3743C6B*+TXV	A*VC960803BNA*	33,600	25,400	16.5	13.0	1,140	10332681		
	CA*F3743*6D*+TXV	A*VC960804CNA*	34,400	26,000	17.0	13.0	1,120	10332682		
	CA*F4961*6D*+TXV	A*VC960804CNA*	34,600	26,200	17.5	13.0	1,120	10332683		
	CAPT4961*4A*	A*VC960804CNA*	34,600	26,200	17.0	13.0	1,120	10332684		
	CSCF3642N6D*+TXV	A*VC960804CNA*	34,400	26,000	17.0	13.0	1,120	10332685		
	CHPF3743C6B*+TXV	A*VC960804CNA*	34,000	25,800	17.0	13.0	1,120	10332686		
	CHPF4860D6D*+TXV	A*VC960804CNA*	34,600	26,200	17.5	13.0	1,120	10332687		
	CA*F3743*6D*+TXV	A*VC961005CNA*	34,400	26,000	17.0	13.0	1,120	10332688		
	CA*F4961*6D*+TXV	A*VC961005CNA*	34,600	26,200	18.0	13.0	1,120	10332689		
	CAPT4961*4A*	A*VC961005CNA*	34,600	26,200	17.0	13.0	1,120	10332690		
	CSCF3642N6D*+TXV	A*VC961005CNA*	34,200	25,800	17.0	13.0	1,120	10332691		
	CHPF3743C6B*+TXV	A*VC961005CNA*	34,000	25,800	17.0	13.0	1,120	10332692		
	CHPF4860D6D*+TXV	A*VC961005CNA*	34,600	26,200	17.5	13.0	1,120	10332693		
ASXC18 0361B*	CA*F3743*6D*+TXV	A*VC961205DNA*	34,600	26,200	17.0	13.0	1,150	10332694		
(Contd.)	CA*F4961*6D*+TXV	A*VC961205DNA*	34,800	26,400	18.0	13.0	1,150	10332695		
	CAPT4961*4A*	A*VC961205DNA*	34,800	26,400	17.0	13.0	1,150	10332696		
	CSCF4860N6D*+TXV	A*VC961205DNA*	34,600	26,200	17.5	13.0	1,150	10332697		
	CHPF4860D6D*+TXV	A*VC961205DNA*	34,800	26,400	17.5	13.0	1,150	10332698		
	CA*F3743*6D*+TXV	A*VM970603BNA*	33,600	25,400	16.0	12.5	1,140	10332699		
	CA*F4961*6D*+TXV	A*VM970603BNA*	34,000	25,800	17.0	13.0	1,140	10332700		
	CA*F3137*6A*+TXV	A*VM970603BNA*	34,000	25,800	17.0	13.0	1,140	10332701		
	CAPT4961*4A*	A*VM970603BNA*	34,000	25,800	17.0	13.0	1,140	10332702		
	CSCF3642N6D*+TXV	A*VM970603BNA*	34,000	25,800	17.0	13.0	1,140	10332703		
	CHPF3743C6B*+TXV	A*VM970603BNA*	33,600	25,400	16.5	13.0	1,140	10332704		
	CA*F3743*6D*+TXV	A*VM970803BNA*	33,600	25,400	16.0	12.5	1,140	10332705		
	CA*F4961*6D*+TXV	A*VM970803BNA*	34,000	25,800	16.5	13.0	1,140	10332706		
	CA*F3137*6A*+TXV	A*VM970803BNA*	34,000	25,800	17.0	13.0	1,140	10332707		
	CAPT4961*4A*	A*VM970803BNA*	34,000	25,800	16.5	13.0	1,140	10332708		
	CSCF3642N6D*+TXV	A*VM970803BNA*	34,000	25,800	16.5	13.0	1,140	10332709		
	CHPF3743C6B*+TXV	A*VM970803BNA*	33,600	25,400	16.5	13.0	1,140	10332710		
	CA*F3743*6D*+TXV	A*VM970804CNA*	34,400	26,000	17.0	13.0	1,120	10332711		
	CA*F4961*6D*+TXV	A*VM970804CNA*	34,600	26,200	17.5	13.0	1,120	10332712		
	CAPT4961*4A*	A*VM970804CNA*	34,600	26,200	17.0	13.0	1,120	10332713		
	CSCF3642N6D*+TXV	A*VM970804CNA*	34,400	26,000	17.0	13.0	1,120	10332714		
	CHPF3743C6B*+TXV	A*VM970804CNA*	34,000	25,800	17.0	13.0	1,120	10332715		
	CHPF4860D6D*+TXV	A*VM970804CNA*	34,600	26,200	17.5	13.0	1,120	10332716		
	CA*F3743*6D*+TXV	A*VM971005CNA*	34,400	26,000	17.0	13.0	1,120	10332717		

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OUTDOOR	INDOOR UNITS			COOLING	RATINGS			
Unit	Coils/Air Handlers	FURNACES	TOTAL <sup>1</sup>	SENS.1	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
	CA*F4961*6D*+TXV	A*VM971005CNA*	34,600	26,200	18.0	13.0	1,120	10332718
	CAPT4961*4A*	A*VM971005CNA*	34,600	26,200	17.0	13.0	1,120	10332719
	CSCF3642N6D*+TXV	A*VM971005CNA*	34,200	25,800	17.0	13.0	1,120	10332720
	CHPF3743C6B*+TXV	A*VM971005CNA*	34,000	25,800	17.0	13.0	1,120	10332721
ASXC18	CHPF4860D6D*+TXV	A*VM971005CNA*	34,600	26,200	17.5	13.0	1,120	10332722
0361B* (Contd.)	CA*F3743*6D*+TXV	A*VM971205DNA*	34,600	26,200	17.0	13.0	1,150	10332723
(Conta.)	CA*F4961*6D*+TXV	A*VM971205DNA*	34,800	26,400	18.0	13.0	1,150	10332724
	CAPT4961*4A*	A*VM971205DNA*	34,800	26,400	17.0	13.0	1,150	10332725
	CSCF4860N6D*+TXV	A*VM971205DNA*	34,600	26,200	17.5	13.0	1,150	10332726
	CHPF4860D6D*+TXV	A*VM971205DNA*	34,800	26,400	17.5	13.0	1,150	10332727
	CA*F4961*6D*+EEP+TXV		48,000	36,400	15.5	12.5	1,400	10332728
	CA*F4860*6D*+EEP+TXV		47,000	35,600	15.0	12.0	1,420	10332729
	CHPF4860D6D*+EEP+TXV		47,500	36,000	15.0	12.0	1,420	10332730
	CSCF4860N6D*+EEP+TXV		47,500	36,000	15.5	12.5	1,420	10332731
	AVPTC48C14A*		46,000	34,800	16.5	12.5	1,450	10332732
	AVPTC48D14A*		48,000	36,400	18.0	13.0	1,700	10332733
	AVPTC59C14A*		46,000	34,800	16.5	12.5	1,490	10332733
	AVPTC61D14A*		48,000	36,400	18.0	13.0	1,720	10332735
	CA*F4961*6D*+MBVC1600**-1A*+TXV		47,000	35,600	17.5	13.0	1,560	10332736
	CHPF4860D6D*+MBVC1600**-1A*+TXV		47,000	35,600	17.5	12.8	1,560	10332737
	CA*F4961*6D*+MBVC2000**-1A*+TXV		48,000	36,400	18.0	13.5	1,560	10332738
	CHPF4860D6D*+MBVC2000**-1A*+TXV		48,000	36,400	18.0	13.3	1,560	10332739
	CA*F4961*6D*+TXV	A*VC80805C*B*	48,000	36,400	18.0	13.3	1,400	10332740
	CAPT4961*4A*	A*VC80805C*B*	48,000	36,400	18.0	13.3	1,400	10332741
	CHPF4860D6D*+TXV	A*VC80805C*B*	48,000	36,400	17.5	13.0	1,400	10332742
	CSCF4860N6D*+TXV	A*VC80805C*B*	47,000	35,600	17.0	13.0	1,400	10332743
	CA*F4961*6D*+TXV	A*VC80805D*B*	48,000	36,400	17.0	13.0	1,450	10332744
ACVC10	CAPT4961*4A*	A*VC80805D*B*	48,000	36,400	17.0	13.0	1,450	10332745
ASXC18 0481B*	CHPF4860D6D*+TXV	A*VC80805D*B*	48,000	36,400	17.0	13.0	1,450	10332746
	CSCF4860N6D*+TXV	A*VC80805D*B*	47,000	35,600	17.0	13.0	1,450	10332747
	CA*F4961*6D*+TXV	A*VC81005C*B*	48,000	36,400	17.0	13.0	1,440	10332748
	CAPT4961*4A*	A*VC81005C*B*	48,000	36,400	17.0	13.0	1,440	10332749
	CHPF4860D6D*+TXV	A*VC81005C*B*	47,500	36,000	17.0	12.2	1,440	10332750
	CSCF4860N6D*+TXV	A*VC81005C*B*	47,000	35,600	17.0	12.5	1,440	10332751
	CA*F4961*6D*+TXV	A*VC960804CNA*	48,000	36,400	17.0	12.8	1,525	10332752
	CAPT4961*4A*	A*VC960804CNA*	48,000	36,400	17.0	12.8	1,525	10332753
	CHPF4860D6D*+TXV	A*VC960804CNA*	47,500	36,000	16.5	12.2	1,525	10332754
	CSCF4860N6D*+TXV	A*VC960804CNA*	47,000	35,600	16.5	12.2	1,525	10332755
	CA*F4961*6D*+TXV	A*VC961005CNA*	48,000	36,400	18.0	13.0	1,450	10332756
	CAPT4961*4A*	A*VC961005CNA*	48,000	36,400	18.0	13.0	1,450	10332757
	CHPF4860D6D*+TXV	A*VC961005CNA*	47,500	36,000	17.0	12.8	1,450	10332758
	CSCF4860N6D*+TXV	A*VC961005CNA*	47,000	35,600	17.0	12.8	1,450	10332759
	CA*F4961*6D*+TXV	A*VC961005DNA*	48,000	36,400	18.0	13.2	1,400	10332750
	CAPT4961*4A*	A*VC961005DNA*	48,000	36,400	18.0	13.2	1,400	10332760
	CHPF4860D6D*+TXV	A*VC961005DNA*	47,500	36,000	17.0	12.8	1,400	10332761
	CSCF4860N6D*+TXV	A*VC961005DNA*	47,000	35,600	17.0	12.8	1,400	10332762
	C3C14000110D +1AV	A ACAGIOODDINA.	47,000	33,600	17.0	12.0	1,400	10332703

OUTDOOR	INDOOR UNITS		COOLING RATINGS					
UNIT	Coils/Air Handlers	Furnaces	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER³	CFM	AHRI #
	CA*F4961*6D*+TXV	A*VC961205DNA*	48,000	36,400	18.0	13.0	1,400	10332764
	CAPT4961*4A*	A*VC961205DNA*	48,000	36,400	18.0	13.0	1,400	10332765
	CHPF4860D6D*+TXV	A*VC961205DNA*	47,500	36,000	17.5	12.8	1,400	10332766
	CSCF4860N6D*+TXV	A*VC961205DNA*	47,000	35,600	17.5	12.8	1,400	10332767
	CA*F4961*6D*+TXV	A*VM970804CNA*	48,000	36,400	17.0	12.8	1,525	10332768
	CAPT4961*4A*	A*VM970804CNA*	48,000	36,400	17.0	12.8	1,525	10332769
	CHPF4860D6D*+TXV	A*VM970804CNA*	47,500	36,000	16.5	12.2	1,525	10332770
ASXC18 0481B*	CSCF4860N6D*+TXV	A*VM970804CNA*	47,000	35,600	16.5	12.2	1,525	10332771
(Contd.)	CA*F4961*6D*+TXV	A*VM971005CNA*	48,000	36,400	18.0	13.0	1,450	10332772
	CAPT4961*4A*	A*VM971005CNA*	48,000	36,400	18.0	13.0	1,450	10332773
	CHPF4860D6D*+TXV	A*VM971005CNA*	47,500	36,000	17.0	12.8	1,450	10332774
	CSCF4860N6D*+TXV	A*VM971005CNA*	47,000	35,600	17.0	12.8	1,450	10332775
	CA*F4961*6D*+TXV	A*VM971205DNA*	48,000	36,400	18.0	13.0	1,400	10332776
	CAPT4961*4A*	A*VM971205DNA*	48,000	36,400	18.0	13.0	1,400	10332777
	CHPF4860D6D*+TXV	A*VM971205DNA*	47,500	36,000	17.5	12.8	1,400	10332778
	CSCF4860N6D*+TXV	A*VM971205DNA*	47,000	35,600	17.5	12.8	1,400	10332779
	AVPTC61D14A*		56,500	40,600	16.5	13.0	1,660	10510298
	CA*F4961*6D*+EEP+TXV		56,000	40,400	15.0	12.0	1,480	10510295
	CA*F4961*6D*+MBVC2000**-1A*+TXV		58,000	41,800	17.0	13.0	1,720	10510299
	CA*F4961*6D*+TXV	A*VC81005C*B*	56500	40,600	16.00	12.00	1600	10510313
	CA*F4961*6D*+TXV	A*VC961005CNA*	55000	39,600	16.00	12.50	1550	10510301
	CA*F4961*6D*+TXV	A*VC961005DNA*	54500	39,200	16.00	12.50	1610	10510305
	CA*F4961*6D*+TXV	A*VC961205DNA*	55000	39,600	16.00	12.50	1600	10510309
	CA*F4961*6D*+TXV	A*VM971005CNA*	55000	39,600	16.00	12.50	1550	10510317
	CA*F4961*6D*+TXV	A*VM971205DNA*	55000	39,600	16.00	12.50	1600	10510321
	CAPT4961*4A*	A*VC81005C*B*	56500	40,600	16.00	12.00	1600	10510314
	CAPT4961*4A*	A*VC961005CNA*	55000	39,600	16.00	12.50	1550	10510302
	CAPT4961*4A*	A*VC961005DNA*	54500	39,200	16.00	12.50	1610	10510306
	CAPT4961*4A*	A*VC961205DNA*	55000	39,600	16.00	12.50	1600	10510310
ASXC18	CAPT4961*4A*	A*VM971005CNA*	55000	39,600	16.00	12.50	1550	10510318
0601B*	CAPT4961*4A*	A*VM971205DNA*	55000	39,600	16.00	12.50	1600	10510322
	CHPF4860D6D*+EEP+TXV		56,000	40,400	15.0	12.0	1,500	10510296
	CHPF4860D6D*+MBVC2000**-1A*+TXV		57,000	41,000	16.5	12.5	1,720	10510300
	CHPF4860D6D*+TXV	A*VC81005C*B*	56500	40,600	16.00	11.80	1600	10510315
	CHPF4860D6D*+TXV	A*VC961005CNA*	55000	39,600	16.00	12.50	1550	10510303
	CHPF4860D6D*+TXV	A*VC961005DNA*	54500	39,200	16.00	12.50	1610	10510307
	CHPF4860D6D*+TXV	A*VC961205DNA*	55000	39,600	16.00	12.50	1600	10510311
	CHPF4860D6D*+TXV	A*VM971005CNA*	55000	39,600	16.00	12.50	1550	10510319
	CHPF4860D6D*+TXV	A*VM971205DNA*	55000	39,600	16.00	12.50	1600	10510323
	CSCF4860N6D*+EEP+TXV		55,000	39,600	15.0	12.0	1,500	10510297
	CSCF4860N6D*+TXV	A*VC81005C*B*	56000	40,400	16.00	11.80	1600	10510316
	CSCF4860N6D*+TXV	A*VC961005CNA*	55000	39,600	16.00	12.50	1550	10510304
	CSCF4860N6D*+TXV	A*VC961005DNA*	54500	39,200	16.00	12.50	1610	10510308
	CSCF4860N6D*+TXV	A*VC961205DNA*	55000	39,600	16.00	12.50	1600	10510312

OUTDOOR	INDOOR UNITS		COOLING RATINGS				CENA	ALIDI #
UNIT	Coils/Air Handlers	Furnaces	TOTAL <sup>1</sup>	SENS. <sup>1</sup>	SEER <sup>2</sup>	EER <sup>3</sup>	CFM	AHRI#
ASXC18	CSCF4860N6D*+TXV	A*VM971005CNA*	55000	39,600	16.00	12.50	1550	10510320
0601B* (Contd.)	CSCF4860N6D*+TXV	A*VM971205DNA*	55000	39,600	16.00	12.50	1600	10510324

<sup>&</sup>lt;sup>1</sup> BTU/h

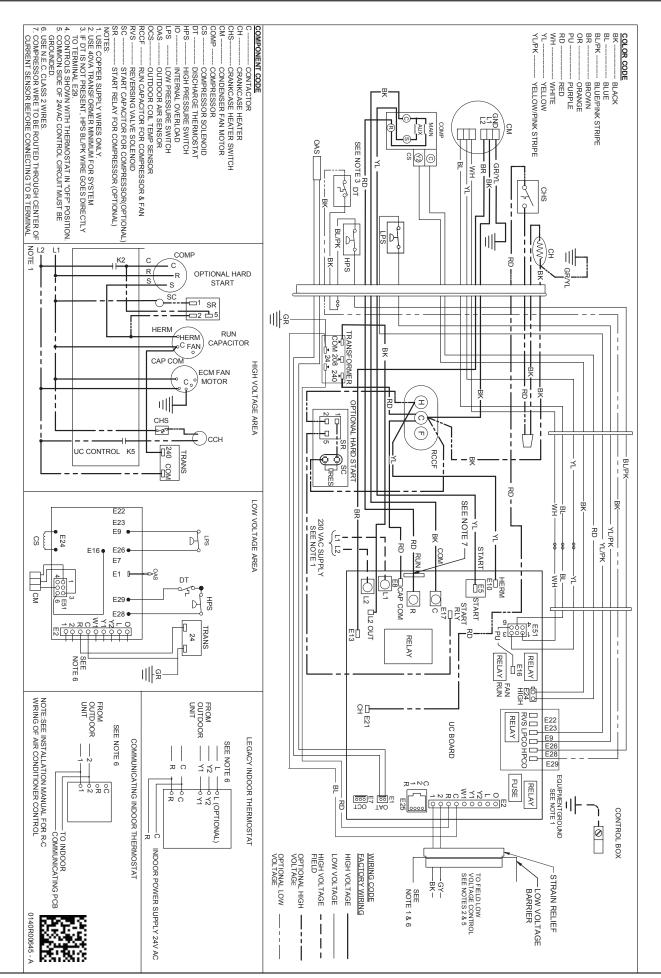
### Notes

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Amana brand gas furnace contains the EEP cooling time delay.

<sup>&</sup>lt;sup>2</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

<sup>&</sup>lt;sup>3</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

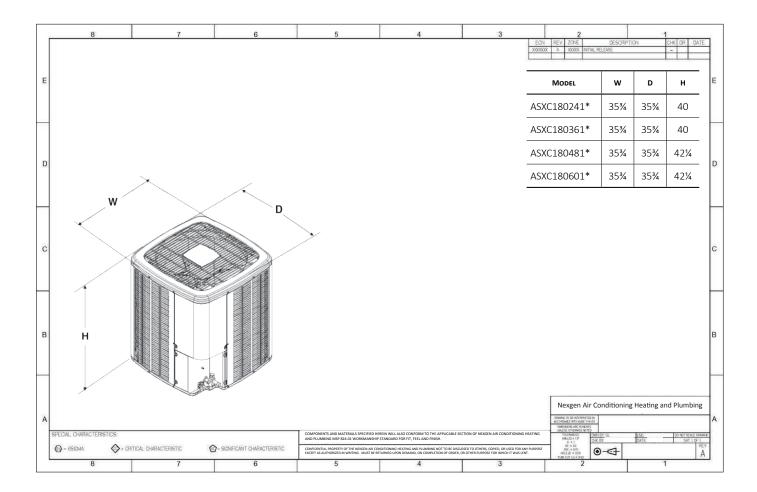
NOTES	



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.

WARNING  $\triangleleft$ 

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



### **ACCESSORIES**

MODEL	DESCRIPTION	ASXC18 024	ASXC18 036	ASXC18 048	ASXC18 060
ABK-20	Anchor Bracket Kit	Х	Х	Х	Х
ASC-01	Anti-Short Cycle Kit	X	X	X	X
B1141643	24V Transformer	X	X	X	X
CSR-U-1	Hard-start Kit	X	X		
CSR-U-2	Hard-start Kit			X	
CSR-U-3	Hard-start Kit				X
FSK01A	Freeze Protection Kit	X	X	X	X
LSK02A	Liquid Line Solenoid Valve	X	X	X	X
OT18-60A	Outdoor Thermostat/Lockout Thermostat	X	Х	X	X
TX2N4	TXV kit	X			
TX3N4	TXV kit		Х		
TX5N4	TXV kit			X	Х

Ontains 20 brackets; four brackets needed to anchor unit to pad

Note: Maximum number of installed accessories at the same time is limited by the size of the unit's control box.

 $<sup>^{\</sup>rm 1}$   $\,$  This component is included in the CTK01AA communicating thermostat kit.

Installed on indoor coil

<sup>3</sup> Available in 24V legacy mode only. This feature is integrated in the communicating mode.