

ASZ16
HIGH-EFFICIENCY
SPLIT SYSTEM HEAT PUMP
UP TO 16 SEER & 9.5 HSPF

COOLING CAPACITY: 18,000 - 60,000 BTU/H
HEATING CAPACITY: 18,000 - 59,000 BTU/H



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Standard Features

- High-efficiency scroll compressor
- High density foam compressor sound blanket
- SmartShift® technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- Service valves with sweat connections and easy access to gauge ports
- Copper tube / enhanced aluminum fin coil
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Amana® brand sound control top design
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder-paint finish
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.amana-hac.com To receive the Lifetime Unit Replacement Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

	A	S	Z	16	036	1	AA			
	1	2	3	4,5	6,7,8	9	10,11			
Brand	A Amana® Brand						Engineering *			
							Major/ Minor Revisions			
							* Neither revision is used for order entry or inventory management.			
Product Category	S Split System						Electrical			
							1	208/230 V, 1 Phase, 60 Hz		
							2	220/240 V, 1 Phase, 50 Hz		
							3	208/230 V, 3 Phase, 60 Hz		
							4	460 V, 3 Phase, 60 Hz		
							5	380/415 V, 3 Phase, 50 Hz		
Unit Type	X Condenser R-410A Z Heat Pump R-410A						Nominal Capacity			
							018	1½ Tons	042	3½ Tons
							024	2 Tons	048	4 Tons
							030	2½ Tons	060	5 Tons
							036	3 Tons		
Efficiency	13 13 SEER 14 14 SEER 16 16 SEER 18 18 SEER									

	ASZ16 0241K	ASZ16 0361K	ASZ16 0481K	ASZ16 0601K
CAPACITIES AND RATINGS				
Nominal Cooling (BTU/h)	24,000	34,600	47,000	57,000
Nominal Heating (BTU/h)	23,000	34,400	46,000	56,500
Decibels	72	73	74	75
COMPRESSOR				
RLA	13.5	14.1	19.9	28.8
LRA	58.3	77.0	109.0	152.9
CONDENSER FAN MOTOR				
Horsepower	1/6	1/6	1/6	1/6
FLA	1.10	1.0	1.0	1.0
REFRIGERATION SYSTEM				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	153	186	278	273
ELECTRICAL DATA				
Volts-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ²	18	18.6	25.9	37
Max. Overcurrent Protection ³	30	30	45	60
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
SHIP WEIGHT (LBS)	198	206	282	296

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

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

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

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	1.40	1.43	1.47	-	1.51	1.54	1.58	-	1.60	1.63	1.68	-	1.68	1.72	1.77	-	1.75	1.79	1.84	-	1.81	1.85	1.91	-
	Amps	5.8	5.9	6.1	-	6.2	6.3	6.5	-	6.7	6.9	7.1	-	7.2	7.3	7.6	-	7.6	7.8	8.0	-	8.0	8.2	8.5	-
	Hi PR	171	184	194	-	192	207	218	-	218	235	248	-	249	268	283	-	280	301	318	-	309	333	351	-
	Lo PR	103	109	119	-	108	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
kW	1.43	1.46	1.51	-	1.54	1.57	1.62	-	1.64	1.67	1.73	-	1.72	1.76	1.82	-	1.79	1.83	1.89	-	1.85	1.90	1.96	-	
Amps	5.9	6.1	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.2	-	8.3	8.4	8.7	-	
Hi PR	176	190	200	-	198	213	225	-	225	242	256	-	256	276	291	-	288	310	328	-	319	343	362	-	
Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	
MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	
S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	
ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-	
kW	1.43	1.46	1.51	-	1.54	1.57	1.62	-	1.64	1.67	1.73	-	1.72	1.76	1.82	-	1.79	1.83	1.89	-	1.85	1.90	1.96	-	
Amps	5.9	6.1	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.2	-	8.3	8.4	8.7	-	
Hi PR	176	190	200	-	198	213	225	-	225	242	256	-	256	276	291	-	288	310	328	-	319	343	362	-	
Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	

75	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.35	0.84	0.75	0.57	0.38	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
	kW	1.41	1.44	1.48	1.53	1.52	1.55	1.60	1.65	1.61	1.65	1.70	1.75	1.69	1.73	1.79	1.84	1.76	1.80	1.86	1.92	1.82	1.86	1.92	1.99
	Amps	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9
	Hi PR	173	186	196	205	194	209	220	230	221	237	251	261	251	270	285	298	283	304	321	335	312	336	355	370
	Lo PR	104	110	120	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10
kW	1.45	1.48	1.52	1.57	1.55	1.59	1.64	1.69	1.65	1.69	1.74	1.80	1.74	1.77	1.83	1.89	1.81	1.85	1.91	1.97	1.87	1.91	1.97	2.04	
Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1	
Hi PR	178	192	202	211	200	215	227	237	227	245	258	270	259	279	294	307	291	314	331	345	322	346	366	382	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	
MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7	
S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9	
kW	1.45	1.48	1.52	1.57	1.55	1.59	1.64	1.69	1.65	1.69	1.74	1.80	1.74	1.77	1.83	1.89	1.81	1.85	1.91	1.97	1.87	1.91	1.97	2.04	
Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6	8.3	8.5	8.8	9.1	
Hi PR	178	192	202	211	200	215	227	237	227	245	258	270	259	279	294	307	291	314	331	345	322	346	366	382	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	

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

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																			
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80	MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.56	1.42	1.45	1.50	1.54	1.53	1.56	1.61	1.66	1.62	1.66	1.71	1.77	1.71	1.74	1.80	1.86	1.78	1.82	1.88	1.94	1.84	1.88	1.94	2.01	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0	175	188	198	207	196	211	223	232	223	240	253	264	254	273	288	301	285	307	324	338	315	339	358	374	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.46	1.49	1.53	1.58	1.57	1.60	1.65	1.70	1.66	1.70	1.75	1.81	1.75	1.79	1.85	1.91	1.82	1.86	1.92	1.99	1.89	1.93	1.99	2.06	6.0	6.2	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	180	194	205	213	202	217	230	239	230	247	261	272	262	282	297	310	294	317	334	349	325	350	370	385	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.46	1.49	1.53	1.58	1.57	1.60	1.65	1.70	1.66	1.70	1.75	1.81	1.75	1.79	1.85	1.91	1.82	1.86	1.92	1.99	1.89	1.93	1.99	2.06	6.0	6.2	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	180	194	205	213	202	217	230	239	230	247	261	272	262	282	297	310	294	317	334	349	325	350	370	385	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167

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		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																																																																																																																																																																																																																																																																																																																	
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																																																																																																																																																																																																																																																																																												
85	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73	1.43	1.46	1.51	1.56	1.54	1.57	1.62	1.68	1.64	1.67	1.73	1.78	1.72	1.76	1.82	1.87	1.79	1.83	1.89	1.95	1.85	1.90	1.96	2.02	5.9	6.1	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.5	7.3	7.5	7.8	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0	176	190	200	209	198	213	225	235	225	242	256	267	256	276	291	304	288	310	328	342	319	343	362	378	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	0.99	0.93	0.75	1.00	1.00	0.94	0.76	1.47	1.50	1.55	1.59	1.58	1.61	1.66	1.72	1.68	1.71	1.77	1.83	1.76	1.80	1.86	1.92	1.84	1.88	1.94	2.00	1.90	1.94	2.01	2.08	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.1	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	182	196	207	215	204	220	232	242	232	250	264	275	264	284	300	313	297	320	338	352	328	353	373	389	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	0.99	0.93	0.75	1.00	1.00	0.94	0.76	1.47	1.50	1.55	1.59	1.58	1.61	1.66	1.72	1.68	1.71	1.77	1.83	1.76	1.80	1.86	1.92	1.84	1.88	1.94	2.00	1.90	1.94	2.01	2.08	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.1	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	182	196	207	215	204	220	232	242	232	250	264	275	264	284	300	313	297	320	338	352	328	353	373	389	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169

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

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																									
		65°F						75°F						85°F						95°F						105°F						115°F							
		59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71		
70	AIRFLOW	MBh	32.4	33.6	36.8	-	31.7	32.8	36.0	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	28.7	29.7	32.5	-	26.5	27.5	30.1	-	30.2	31.3	34.3	-	28.7	29.7	32.5	-	26.5	27.5	30.1	-	
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-	
	1050	ΔT	2.03	1.7	1.3	-	2.0	1.8	1.3	-	2.0	1.8	1.3	-	2.0	1.8	1.3	-	2.0	1.7	1.3	-	1.9	1.6	1.2	-	2.44	2.0	1.5	-	2.55	2.60	2.69	-	2.64	2.69	2.79	-	
		kW	2.03	2.07	2.13	-	2.18	2.23	2.30	-	2.32	2.37	2.45	-	2.44	2.50	2.58	-	2.55	2.60	2.69	-	2.64	2.69	2.79	-	2.44	2.50	2.58	-	2.55	2.60	2.69	-	2.64	2.69	2.79	-	
	Amps	Hi PR	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.4	-	31.2	33.6	35.5	-	35.1	37.8	39.9	-	38.8	41.8	44.1	-	
		Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	31.2	33.6	35.5	-	35.1	37.8	39.9	-	38.8	41.8	44.1	-	
	70	AIRFLOW	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
			S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
		1150	ΔT	1.9	1.7	1.3	-	1.9	1.7	1.3	-	1.9	1.7	1.3	-	2.0	1.7	1.3	-	1.9	1.7	1.3	-	1.8	1.6	1.2	-	2.48	2.53	2.62	-	2.58	2.64	2.73	-	2.67	2.73	2.83	-
			kW	2.05	2.10	2.16	-	2.21	2.26	2.33	-	2.35	2.41	2.48	-	2.48	2.53	2.62	-	2.58	2.64	2.73	-	2.67	2.73	2.83	-	2.48	2.53	2.62	-	2.58	2.64	2.73	-	2.67	2.73	2.83	-
Amps		Hi PR	8.5	8.6	8.9	-	9.1	9.3	9.6	-	9.9	10.1	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-	31.8	34.2	36.1	-	35.8	38.5	40.6	-	39.5	42.5	44.9	-	
		Lo PR	109	116	127	-	115	123	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	31.8	34.2	36.1	-	35.8	38.5	40.6	-	39.5	42.5	44.9	-	
70		AIRFLOW	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
			S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		1350	ΔT	1.8	1.5	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.5	1.2	-	1.7	1.4	1.1	-	2.50	2.55	2.64	-	2.60	2.66	2.75	-	2.70	2.76	2.85	-
			kW	2.07	2.11	2.18	-	2.23	2.28	2.35	-	2.37	2.43	2.50	-	2.50	2.55	2.64	-	2.60	2.66	2.75	-	2.70	2.76	2.85	-	2.50	2.55	2.64	-	2.60	2.66	2.75	-	2.70	2.76	2.85	-
	Amps	Hi PR	8.5	8.7	9.0	-	9.2	9.4	9.7	-	10.0	10.2	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-	12.0	12.3	12.7	-	32.1	34.5	36.5	-	36.1	38.9	41.0	-	39.9	42.9	45.3	-	
		Lo PR	221	238	251	-	248	267	282	-	282	303	320	-	321	345	365	-	361	389	410	-	399	429	453	-	32.1	34.5	36.5	-	36.1	38.9	41.0	-	39.9	42.9	45.3	-	

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																										
		65°F						75°F						85°F						95°F						105°F						115°F								
		59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71	59	63	67	71	71	71			
75	AIRFLOW	MBh	33.0	33.9	36.7	39.4	32.2	33.2	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.1	30.0	32.5	34.9	27.0	27.8	30.1	32.3	30.7	31.6	34.2	36.7	29.1	30.0	32.5	34.9	27.0	27.8	30.1	32.3		
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40		
	1050	ΔT	2.3	2.1	1.7	1.2	2.3	2.2	1.8	1.2	2.3	2.2	1.8	1.2	2.4	2.2	1.8	1.2	2.4	2.3	2.1	1.8	2.2	2.2	2.0	1.6	1.1	2.46	2.52	2.60	2.69	2.57	2.63	2.71	2.80	2.66	2.72	2.81	2.91	
		kW	2.04	2.09	2.15	2.22	2.20	2.25	2.32	2.40	2.34	2.39	2.47	2.55	2.46	2.52	2.60	2.69	2.73	2.61	2.66	2.75	2.85	2.70	2.76	2.85	2.95	2.46	2.52	2.60	2.69	2.57	2.63	2.71	2.80	2.66	2.72	2.81	2.91	
	Amps	Hi PR	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.9	11.2	11.4	11.8	12.2	11.8	12.1	12.5	13.0	31.6	34.0	35.9	37.4	35.5	38.2	40.3	42.1	39.2	42.2	44.6	46.5	
		Lo PR	217	234	247	257	244	262	277	289	277	298	315	328	316	340	359	374	374	355	382	403	421	392	422	446	465	31.6	34.0	35.9	37.4	35.5	38.2	40.3	42.1	39.2	42.2	44.6	46.5	
	75	AIRFLOW	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	
			S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42	
		1150	ΔT	2.2	2.0	1.7	1.2	2.3	2.1	1.7	1.2	2.3	2.1	1.7	1.2	2.3	2.1	1.7	1.2	2.3	2.2	2.1	1.7	2.2	2.1	1.9	1.6	1.1	2.50	2.55	2.64	2.73	2.61	2.66	2.75	2.85	2.70	2.76	2.85	2.95
			kW	2.07	2.11	2.18	2.25	2.23	2.28	2.35	2.43	2.37	2.43	2.51	2.59	2.50	2.55	2.64	2.73	2.73	2.61	2.66	2.75	2.85	2.70	2.76	2.85	2.95	2.50	2.55	2.64	2.73	2.61	2.66	2.75	2.85	2.70	2.76	2.85	2.95
Amps		Hi PR	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	10.0	10.2	10.6	10.9	10.7	10.9	11.3	11.7	12.1	11.3	11.6	12.0	12.4	12.0	12.3	12.7	13.2	32.1	34.5	36.5	38.1	36.1	38.9	41.0	42.8	39.9	42.9	45.3	47.3	
		Lo PR	221	238	251	262	248	267	282	294	282	303	320	334	321	345	365	381	381	361	389	410	428	399	429	453	473	32.1	34.5	36.5	38.1	36.1	38.9	41.0	42.8	39.9	42.9	45.3	47.3	
75		AIRFLOW	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8	
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44	0.96	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44	
		1350	ΔT	2.0	1.9	1.5	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	2.1	1.9	1.6	2.1	2.1	1.9	1.5	1.0	2.52	2.58	2.66	2.75	2.63	2.69	2.78	2.87	2.72	2.78	2.88	2.97
			kW	2.09	2.13	2.20	2.27	2.25	2.30	2.37	2.45	2.39	2.45	2.53	2.61	2.52	2.58	2.66	2.75	2.75	2.63	2.69	2.78	2.87	2.72	2.78	2.88	2.97	2.52	2.58	2.66	2.75	2.63	2.69	2.78	2.87	2.72	2.78	2.88	2.97
	Amps	Hi PR	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.6	11.0	10.8	11.0	11.4	11.8	12.2	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3	32.4	34.9	36.8	38.4	36.5	39.3	41.5	43.2	40.3	43.4	45.8	47.8	
		Lo PR																																						

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	33.6	34.3	36.6	39.2	32.8	33.5	35.8	38.3	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	29.7	30.3	32.4	34.6	27.5	28.1	30.0	32.1
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58
	ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16
	kW	2.06	2.10	2.17	2.24	2.22	2.27	2.34	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.83	2.93
	Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1
	Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	396	426	450	470
	Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
	S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	16
kW	2.09	2.13	2.20	2.27	2.25	2.30	2.37	2.45	2.39	2.45	2.53	2.61	2.52	2.58	2.66	2.75	2.63	2.69	2.78	2.87	2.72	2.78	2.88	2.97	
Amps	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.7	11.0	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3	
Hi PR	223	240	254	264	250	269	284	297	285	306	324	337	324	349	369	384	365	393	415	432	403	434	458	478	
Lo PR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172	
MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5	
S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	16	21	22	19	15	20	20	18	14	
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.63	2.54	2.60	2.68	2.78	2.65	2.71	2.80	2.90	2.74	2.81	2.90	3.00	
Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.5	12.9	13.4	
Hi PR	225	242	256	267	253	272	287	300	288	309	327	341	328	352	372	388	368	397	419	437	407	438	463	483	
Lo PR	112	120	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	MBh	34.1	34.8	36.5	38.9	33.4	34.0	35.6	38.0	32.6	33.2	34.8	37.1	31.8	32.4	33.9	36.2	30.2	30.8	32.2	34.4	28.0	28.5	29.8	31.8
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
	ΔT	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	26	27	26	22	24	25	24	21
	kW	2.08	2.12	2.19	2.26	2.24	2.29	2.36	2.44	2.38	2.43	2.51	2.60	2.50	2.56	2.65	2.73	2.61	2.67	2.76	2.85	2.70	2.76	2.86	2.96
	Amps	8.5	8.7	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.4	11.6	12.0	12.5	12.0	12.3	12.7	13.2
	Hi PR	222	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
	Lo PR	110	117	128	137	117	124	136	144	121	129	141	150	127	136	148	158	133	142	155	165	138	147	160	171
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
	S/T	0.96	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.77
	ΔT	26	26	25	21	27	26	25	22	26	26	25	22	26	26	25	22	24	25	25	21	23	23	23	20
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.63	2.54	2.60	2.68	2.78	2.65	2.71	2.80	2.90	2.74	2.81	2.90	3.00	
Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.5	12.9	13.4	
Hi PR	225	242	256	267	253	272	287	300	288	309	327	341	328	352	372	388	368	397	419	437	407	438	463	483	
Lo PR	112	120	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	
MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3	
S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81	
ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	20	20	20	21	18	
kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.49	2.43	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.73	2.82	2.92	2.77	2.83	2.92	3.03	
Amps	8.8	9.0	9.2	9.6	9.4	9.7	10.0	10.4	10.3	10.5	10.8	11.2	10.9	11.2	11.6	12.0	11.6	11.9	12.3	12.8	12.3	12.6	13.1	13.5	
Hi PR	228	245	259	270	255	275	290	303	290	313	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
Lo PR	113	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	175	

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

IDB		OUTDOOR AMBIENT TEMPERATURE																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																											
AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
MBh		44.0	45.7	50.0	-	43.0	44.6	48.9	-	42.0	43.5	47.7	-	41.0	42.5	46.5	-	38.9	40.3	44.2	-	36.1	37.4	40.9	-	36.1	37.4	40.9	-
S/T		0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-
ΔT		21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-
kW		2.77	2.83	2.91	-	2.98	3.04	3.14	-	3.16	3.23	3.33	-	3.32	3.40	3.51	-	3.46	3.54	3.65	-	3.58	3.66	3.78	-	3.58	3.66	3.78	-
Amps		10.8	11.1	11.4	-	11.7	12.0	12.3	-	12.7	13.0	13.4	-	13.6	13.9	14.3	-	14.4	14.8	15.3	-	15.3	15.7	16.2	-	15.3	15.7	16.2	-
Hi PR		215	231	244	-	241	259	274	-	274	295	311	-	312	336	355	-	351	378	399	-	388	417	441	-	388	417	441	-
Lo PR		108	115	125	-	114	121	132	-	119	126	138	-	124	132	145	-	130	139	152	-	135	144	157	-	135	144	157	-
		44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-	36.6	37.9	41.6	-
S/T		0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.71	0.49	-	0.84	0.71	0.49	-
ΔT		20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-
kW		2.81	2.87	2.95	-	3.02	3.08	3.18	-	3.21	3.27	3.38	-	3.37	3.44	3.56	-	3.51	3.59	3.71	-	3.63	3.71	3.83	-	3.63	3.71	3.83	-
Amps		11.0	11.2	11.6	-	11.9	12.1	12.5	-	12.9	13.2	13.6	-	13.8	14.1	14.6	-	14.7	15.0	15.5	-	15.5	15.9	16.5	-	15.5	15.9	16.5	-
Hi PR		218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-	394	425	448	-
Lo PR		110	117	128	-	116	123	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-	137	146	159	-
		46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-	37.7	39.1	42.8	-
S/T		0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-
ΔT		18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-
kW		2.83	2.89	2.98	-	3.04	3.11	3.21	-	3.23	3.30	3.41	-	3.40	3.47	3.58	-	3.54	3.62	3.74	-	3.66	3.74	3.87	-	3.66	3.74	3.87	-
Amps		11.1	11.3	11.7	-	12.0	12.3	12.7	-	13.0	13.3	13.8	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.7	16.1	16.6	-	15.7	16.1	16.6	-
Hi PR		221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	398	429	453	-
Lo PR		111	118	129	-	117	125	136	-	122	130	141	-	128	136	149	-	134	143	156	-	139	148	161	-	139	148	161	-

		41.7	42.9	46.4	49.8	41.7	42.9	46.4	49.8	42.7	44.0	47.6	51.1	42.7	44.0	47.6	51.1	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	40.2	41.4	44.8	48.1
MBh		44.8	46.1	49.9	53.6	43.7	45.0	48.8	52.3	42.7	44.0	47.6	51.1	42.7	44.0	47.6	51.1	42.3	43.6	47.1	50.6	39.6	40.8	44.1	47.3	36.7	37.8	40.9	43.9
S/T		0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
ΔT		24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	24	22	18	12	22	21	17	12
kW		2.79	2.85	2.94	3.03	3.00	3.07	3.16	3.26	3.19	3.26	3.36	3.47	3.35	3.42	3.54	3.65	3.49	3.57	3.68	3.81	3.61	3.69	3.81	3.94	3.61	3.69	3.81	3.94
Amps		10.9	11.2	11.5	12.0	11.8	12.1	12.5	12.9	12.8	13.1	13.5	14.1	13.7	14.0	14.5	15.0	14.6	14.9	15.4	16.0	15.4	15.8	16.3	17.0	15.4	15.8	16.3	17.0
Hi PR		217	233	246	257	243	262	276	288	277	298	314	328	315	339	358	374	355	382	403	420	392	422	445	464	392	422	445	464
Lo PR		109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	136	145	158	169
		45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5	37.2	38.3	41.5	44.5
S/T		0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
ΔT		23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
kW		2.83	2.89	2.98	3.07	3.04	3.11	3.21	3.31	3.23	3.30	3.41	3.52	3.40	3.47	3.59	3.70	3.54	3.62	3.74	3.86	3.66	3.74	3.87	4.00	3.66	3.74	3.87	4.00
Amps		11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.3	14.8	15.2	15.7	16.3	15.7	16.1	16.6	17.2	15.7	16.1	16.6	17.2
Hi PR		221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472	399	429	453	472
Lo PR		111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148	161	172	139	148	161	172
		46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9	38.3	39.5	42.7	45.9
S/T		0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.68	0.43	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
ΔT		21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10
kW		2.85	2.91	3.00	3.10	3.07	3.13	3.23	3.34	3.26	3.33	3.44	3.55	3.43	3.50	3.62	3.73	3.57	3.65	3.77	3.89	3.69	3.77	3.90	4.03	3.69	3.77	3.90	4.03
Amps		11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.0	14.4	14.9	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.8	17.4	15.8	16.2	16.8	17.4
Hi PR		223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	402	433	457	477
Lo PR		112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	168	140	149	163	173	140	149	163	173

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

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																							
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
80	1400	MBh	45.6	46.6	49.8	53.2	44.5	45.5	48.6	52.0	43.5	44.4	47.5	50.7	42.4	43.3	46.3	49.5	40.3	41.2	44.0	47.0	37.3	38.1	40.7	43.6											
		S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.94	0.77	0.57	1.00	0.95	0.78	0.58											
		ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17											
		kW	2.81	2.87	2.96	3.05	3.03	3.09	3.19	3.29	3.21	3.28	3.39	3.50	3.38	3.45	3.56	3.68	3.52	3.60	3.71	3.84	3.64	3.72	3.84	3.97											
		Amps	11.0	11.3	11.6	12.1	11.9	12.2	12.6	13.0	12.9	13.2	13.7	14.2	13.8	14.1	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.5	17.1											
	Hi PR	219	236	249	260	246	264	279	291	279	301	318	331	318	343	362	377	358	385	407	424	396	426	450	469												
	Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170												
	MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2												
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.60	1.00	0.99	0.80	0.60												
	ΔT	25	24	21	17	25	24	21	17	26	24	21	17	26	25	21	17	24	24	21	17	22	23	20	16												
kW	2.85	2.91	3.00	3.10	3.07	3.13	3.23	3.34	3.26	3.33	3.44	3.55	3.43	3.50	3.62	3.74	3.57	3.65	3.77	3.89	3.69	3.78	3.90	4.03													
Amps	11.2	11.4	11.8	12.3	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.0	14.4	14.9	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.8	17.4													
Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477													
Lo PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	168	140	149	163	173													
MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5													
S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.62	1.00	1.00	0.84	0.63													
ΔT	23	22	20	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	20	16	22	20	18	15													
kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.36	3.28	3.36	3.46	3.58	3.45	3.53	3.65	3.77	3.60	3.68	3.80	3.93	3.72	3.81	3.93	4.07													
Amps	11.3	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.2	13.6	14.0	14.5	14.2	14.5	15.0	15.6	15.1	15.4	16.0	16.6	16.0	16.4	16.9	17.6													
Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482													
Lo PR	113	120	131	140	120	127	139	148	124	132	144	154	131	139	152	161	137	146	159	169	141	151	164	175													

85	1400	MBh	46.4	47.3	49.5	52.8	45.3	46.2	48.4	51.6	44.2	45.1	47.2	50.4	43.1	44.0	46.1	49.1	41.0	41.8	43.8	46.7	38.0	38.7	40.5	43.2
		S/T	0.93	0.89	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	28	28	27	23	27	27	26	23	25	25	25	21
		kW	2.84	2.89	2.98	3.08	3.05	3.11	3.21	3.32	3.24	3.31	3.42	3.53	3.41	3.48	3.59	3.71	3.55	3.63	3.75	3.87	3.67	3.75	3.88	4.01
		Amps	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.0	13.4	13.8	14.3	13.9	14.3	14.8	15.3	14.8	15.2	15.7	16.3	15.7	16.1	16.7	17.3
	Hi PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474	
	Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	134	143	156	166	139	148	162	172	
	MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9	
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	26	26	25	22	25	25	25	22	23	23	23	20	
kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.36	3.28	3.36	3.46	3.58	3.45	3.53	3.65	3.77	3.60	3.68	3.80	3.93	3.72	3.81	3.93	4.07		
Amps	11.3	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.2	13.6	14.0	14.5	14.2	14.5	15.0	15.6	15.1	15.4	16.0	16.6	16.0	16.4	16.9	17.6		
Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482		
Lo PR	113	120	131	140	120	127	139	148	124	132	144	154	131	139	152	161	137	146	159	169	141	151	164	175		
MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2		
S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.82		
ΔT	25	25	23	20	24	25	24	20	24	24	24	20	23	23	24	21	22	22	23	20	20	21	22	19		
kW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.39	3.31	3.38	3.49	3.61	3.48	3.56	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10		
Amps	11.4	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.1	14.7	14.3	14.6	15.1	15.7	15.2	15.6	16.1	16.7	16.1	16.5	17.1	17.7		
Hi PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487		
Lo PR	114	122	133	141	121	128	140	149	126	134	146	155	132	140	153	163	138	147	160	171	143	152	166	177		

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

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		ENTERING INDOOR WET BULB TEMPERATURE																							
		AIRFLOW																							
80	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15
	kW	3.50	3.58	3.71	3.84	3.80	3.89	4.03	4.17	4.06	4.16	4.31	4.47	4.30	4.40	4.56	4.73	4.50	4.61	4.77	4.95	4.67	4.78	4.96	5.14
	Amps	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.7	18.2	18.8	19.5	19.0	19.5	20.1	20.9	20.2	20.7	21.5	22.3	21.5	22.0	22.8	23.7
	Hi PR	148	159	168	175	166	179	189	197	189	203	215	224	215	232	245	255	242	260	275	287	267	288	304	317
	Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15
kW	3.50	3.58	3.71	3.84	3.80	3.89	4.03	4.17	4.06	4.16	4.31	4.47	4.30	4.40	4.56	4.73	4.50	4.61	4.77	4.95	4.67	4.78	4.96	5.14	
Amps	15.0	15.4	15.9	16.5	16.3	16.7	17.2	17.9	17.7	18.2	18.8	19.5	19.0	19.5	20.1	20.9	20.2	20.7	21.5	22.3	21.5	22.0	22.8	23.7	
Hi PR	148	159	168	175	166	179	189	197	189	203	215	224	215	232	245	255	242	260	275	287	267	288	304	317	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	
MBh	58.1	59.4	63.4	67.8	56.7	58.0	61.9	66.2	55.4	56.6	60.5	64.6	54.0	55.2	59.0	63.1	51.3	52.5	56.0	59.9	47.6	48.6	51.9	55.5	
S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.93	0.76	0.57	
ΔT	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13	
kW	3.56	3.64	3.77	3.91	3.87	3.96	4.10	4.25	4.14	4.24	4.39	4.55	4.38	4.48	4.64	4.81	4.58	4.69	4.86	5.04	4.75	4.87	5.05	5.23	
Amps	15.3	15.7	16.2	16.8	16.6	17.0	17.6	18.2	18.0	18.5	19.1	19.9	19.3	19.8	20.5	21.3	20.6	21.1	21.9	22.7	21.9	22.4	23.2	24.1	
Hi PR	151	162	172	179	169	182	193	201	193	207	219	228	219	236	249	260	247	266	281	293	273	294	310	323	
Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

85	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.86	0.69
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	24	21	24	24	22	19
	kW	3.53	3.61	3.74	3.87	3.83	3.92	4.06	4.21	4.10	4.20	4.35	4.51	4.34	4.44	4.60	4.77	4.54	4.65	4.82	4.99	4.71	4.83	5.00	5.19
	Amps	15.1	15.5	16.0	16.7	16.4	16.8	17.4	18.1	17.9	18.3	19.0	19.7	19.2	19.6	20.3	21.1	20.4	20.9	21.7	22.5	21.7	22.2	23.0	23.9
	Hi PR	150	161	170	177	168	181	191	199	191	205	217	226	217	234	247	258	244	263	278	290	270	291	307	320
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.86	0.69
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	24	21	24	24	22	19
kW	3.53	3.61	3.74	3.87	3.83	3.92	4.06	4.21	4.10	4.20	4.35	4.51	4.34	4.44	4.60	4.77	4.54	4.65	4.82	4.99	4.71	4.83	5.00	5.19	
Amps	15.1	15.5	16.0	16.7	16.4	16.8	17.4	18.1	17.9	18.3	19.0	19.7	19.2	19.6	20.3	21.1	20.4	20.9	21.7	22.5	21.7	22.2	23.0	23.9	
Hi PR	150	161	170	177	168	181	191	199	191	205	217	226	217	234	247	258	244	263	278	290	270	291	307	320	
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	
MBh	59.1	60.3	63.1	67.3	57.7	58.8	61.6	65.8	56.4	57.4	60.2	64.2	55.0	56.0	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1	
S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
ΔT	22	22	20	18	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	20	19	17	
kW	3.59	3.68	3.81	3.94	3.90	3.99	4.14	4.29	4.17	4.28	4.43	4.59	4.42	4.52	4.69	4.86	4.62	4.73	4.90	5.08	4.80	4.91	5.09	5.28	
Amps	15.4	15.8	16.3	17.0	16.7	17.1	17.7	18.4	18.2	18.7	19.3	20.1	19.5	20.0	20.7	21.5	20.8	21.3	22.1	22.9	22.1	22.6	23.4	24.4	
Hi PR	153	164	173	181	171	184	194	203	195	209	221	231	222	239	252	263	249	268	283	296	276	296	313	327	
Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	

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

IDB		OUTDOOR AMBIENT TEMPERATURE												115°F																	
		65°F						75°F						85°F						95°F						105°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
		ENTERING INDOOR WET BULB TEMPERATURE																													
		AIRFLOW																													
70	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-		
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-		
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-		
	KW	3.52	3.60	3.71	-	3.79	3.88	4.00	-	4.03	4.12	4.26	-	4.25	4.34	4.48	-	4.43	4.52	4.68	-	4.58	4.68	4.84	-	4.58	4.68	4.84	-		
	Amps	13.8	14.1	14.6	-	14.9	15.3	15.8	-	16.2	16.6	17.2	-	17.3	17.8	18.4	-	18.5	18.9	19.6	-	19.6	20.1	20.8	-	19.6	20.1	20.8	-		
	Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-		
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	116	124	135	-	128	136	149	-	133	141	154	-	133	141	154	-		
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-	44.4	46.0	50.4	-		
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-		
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-		
KW	3.52	3.60	3.71	-	3.79	3.88	4.00	-	4.03	4.12	4.26	-	4.25	4.34	4.48	-	4.43	4.52	4.68	-	4.58	4.68	4.84	-	4.58	4.68	4.84	-			
Amps	13.8	14.1	14.6	-	14.9	15.3	15.8	-	16.2	16.6	17.2	-	17.3	17.8	18.4	-	18.5	18.9	19.6	-	19.6	20.1	20.8	-	19.6	20.1	20.8	-			
Hi PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	418	450	475	-			
Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	116	124	135	-	128	136	149	-	133	141	154	-	133	141	154	-			
MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-	45.9	47.6	52.2	-			
S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-			
ΔT	17	15	11	-	17	15	11	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-			
KW	3.58	3.66	3.77	-	3.86	3.94	4.07	-	4.10	4.19	4.33	-	4.32	4.41	4.56	-	4.50	4.60	4.75	-	4.66	4.76	4.92	-	4.66	4.76	4.92	-			
Amps	14.0	14.4	14.8	-	15.2	15.5	16.1	-	16.5	16.9	17.5	-	17.7	18.1	18.7	-	18.8	19.3	20.0	-	20.0	20.5	21.2	-	20.0	20.5	21.2	-			
Hi PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	439	-	427	459	485	-	427	459	485	-			
Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	135	144	157	-			

75	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11
	KW	3.55	3.63	3.74	3.86	3.83	3.91	4.03	4.17	4.07	4.16	4.29	4.44	4.28	4.38	4.52	4.67	4.46	4.56	4.72	4.88	4.62	4.72	4.88	5.05
	Amps	13.9	14.2	14.7	15.3	15.0	15.4	15.9	16.5	16.4	16.8	17.3	18.0	17.5	17.9	18.6	19.3	18.7	19.1	19.8	20.5	19.8	20.3	21.0	21.8
	Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	455	480	501
	Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11
KW	3.55	3.63	3.74	3.86	3.83	3.91	4.03	4.17	4.07	4.16	4.29	4.44	4.28	4.38	4.52	4.67	4.46	4.56	4.72	4.88	4.62	4.72	4.88	5.05	
Amps	13.9	14.2	14.7	15.3	15.0	15.4	15.9	16.5	16.4	16.8	17.3	18.0	17.5	17.9	18.6	19.3	18.7	19.1	19.8	20.5	19.8	20.3	21.0	21.8	
Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	455	480	501	
Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	
MBh	57.1	58.8	63.6	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.5	50.4	51.9	56.2	60.3	46.7	48.1	52.1	55.9	
S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	
ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10	
KW	3.61	3.69	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.36	4.51	4.35	4.45	4.60	4.75	4.54	4.64	4.80	4.96	4.70	4.80	4.97	5.14	
Amps	14.1	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.7	17.1	17.7	18.3	17.8	18.3	18.9	19.6	19.0	19.5	20.2	20.9	20.2	20.7	21.4	22.2	
Hi PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	

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

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1750	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16	
	kW	3.58	3.66	3.77	3.89	3.86	3.94	4.07	4.20	4.10	4.19	4.33	4.47	4.32	4.41	4.56	4.71	4.50	4.60	4.76	4.92	4.66	4.77	4.92	5.09	
	Amps	14.0	14.4	14.8	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.2	17.7	18.1	18.7	19.5	18.8	19.3	20.0	20.7	20.0	20.5	21.2	22.0	
	Hi PR	236	254	268	280	265	285	301	314	301	324	343	357	343	369	390	407	386	416	439	458	427	459	485	506	
	Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16	
kW	3.58	3.66	3.77	3.89	3.86	3.94	4.07	4.20	4.10	4.19	4.33	4.47	4.32	4.41	4.56	4.71	4.50	4.60	4.76	4.92	4.66	4.77	4.92	5.09		
Amps	14.0	14.4	14.8	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.2	17.7	18.1	18.7	19.5	18.8	19.3	20.0	20.7	20.0	20.5	21.2	22.0		
Hi PR	236	254	268	280	265	285	301	314	301	324	343	357	343	369	390	407	386	416	439	458	427	459	485	506		
Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167		
MBh	58.1	59.4	63.4	67.8	56.7	58.0	61.9	66.2	55.4	56.6	60.5	64.6	54.0	55.2	59.0	63.1	51.3	52.5	56.0	59.9	47.6	48.6	51.9	55.5		
S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62		
ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	21	19	15	19	20	17	14		
kW	3.64	3.72	3.83	3.96	3.92	4.01	4.14	4.27	4.17	4.26	4.40	4.55	4.39	4.49	4.64	4.79	4.58	4.68	4.84	5.00	4.74	4.85	5.01	5.18		
Amps	14.3	14.6	15.1	15.7	15.5	15.8	16.4	17.0	16.8	17.2	17.8	18.5	18.0	18.5	19.1	19.8	19.2	19.7	20.3	21.1	20.4	20.9	21.6	22.4		
Hi PR	241	259	274	286	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516		
Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171		

85	1750	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	23	25	25	24	21	
	kW	3.61	3.69	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.51	4.35	4.45	4.60	4.75	4.54	4.64	4.80	4.96	4.70	4.81	4.97	5.14	
	Amps	14.1	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.7	17.1	17.7	18.3	17.8	18.3	18.9	19.6	19.0	19.5	20.2	20.9	20.2	20.7	21.4	22.2	
	Hi PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
	Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2	
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	23	25	25	24	21	
kW	3.61	3.69	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.51	4.35	4.45	4.60	4.75	4.54	4.64	4.80	4.96	4.70	4.81	4.97	5.14		
Amps	14.1	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.7	17.1	17.7	18.3	17.8	18.3	18.9	19.6	19.0	19.5	20.2	20.9	20.2	20.7	21.4	22.2		
Hi PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511		
Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169		
MBh	59.1	60.3	63.1	67.3	57.7	58.8	61.6	65.8	56.4	57.4	60.2	64.2	55.0	56.0	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1		
S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80		
ΔT	24	23	22	19	24	24	22	19	23	23	22	19	22	23	23	20	21	22	22	19	20	20	21	18		
kW	3.67	3.75	3.86	3.99	3.95	4.04	4.17	4.31	4.20	4.30	4.44	4.59	4.43	4.53	4.68	4.83	4.62	4.72	4.88	5.04	4.78	4.89	5.05	5.23		
Amps	14.4	14.8	15.3	15.8	15.6	16.0	16.5	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.9	20.5	21.3	20.6	21.1	21.8	22.6		
Hi PR	243	262	276	288	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521		
Lo PR	112	119	130	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	157	167	139	148	162	172		

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

ASZ160241K* / CA*F3636*6D*+MBVC1600**-1A*+TXV

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	29.2	27.6	26.0	24.3	23.2	22.5	20.9	19.3	17.6	16.3	15.0	14.1	13.6	12.2	10.8	9.4	8.1	6.6
T/R	30.7	29.0	27.3	25.6	24.4	23.7	22.0	20.3	18.5	17.1	15.8	14.9	14.3	12.9	11.4	9.9	8.5	6.9
kW	1.85	1.82	1.78	1.74	1.7	1.71	1.67	1.64	1.61	1.57	1.54	1.52	1.50	1.47	1.43	1.39	1.36	1.32
Amps	10.0	9.3	8.7	8.2	7.9	7.7	7.3	6.9	6.7	6.4	6.1	5.9	5.9	5.6	5.2	4.9	4.6	4.1
COP	4.33	4.18	4.01	3.82	3.69	3.61	3.42	3.22	2.98	2.81	2.65	2.53	2.46	2.26	2.05	1.83	1.60	1.34
HI PR	402.5	385.9	371.0	354.7	346.4	339.8	326.7	313.5	300.3	286.8	275.4	268.8	264.0	253.9	244.2	234.2	225.9	217.9
LO PR	143.4	133.1	124.7	114.4	108.1	104.0	95.7	85.2	76.9	68.6	60.3	56.1	54.1	45.7	39.5	33.3	29.1	22.8

ASZ160361K* / CA*F4961*6D*+MBVC2000**-1A*+TXV

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	41.9	39.7	37.3	34.9	33.3	32.3	30.0	27.7	25.1	23.2	21.4	20.2	19.4	17.4	15.4	13.5	11.5	9.4
T/R	33.7	31.9	30.1	28.1	26.8	26.0	24.2	22.3	20.2	18.7	17.2	16.2	15.6	14.0	12.4	10.8	9.3	7.6
kW	2.29	2.24	2.20	2.15	2.1	2.11	2.07	2.02	2.12	2.07	2.02	2.00	1.98	1.93	1.88	1.83	1.78	1.74
Amps	12.4	11.5	10.7	10.1	9.7	9.6	9.0	8.6	8.2	7.9	7.5	7.3	7.2	6.9	6.4	6.1	5.6	5.1
COP	4.98	4.80	4.61	4.39	4.24	4.14	3.92	3.69	3.21	3.02	2.85	2.72	2.64	2.43	2.20	1.97	1.72	1.44
HI PR	367.0	351.8	338.2	323.4	315.8	309.8	297.8	285.8	273.8	261.5	251.1	245.1	240.6	231.5	222.6	213.5	205.9	198.6
LO PR	147.6	136.9	128.3	117.6	111.2	107.0	98.4	87.6	79.1	70.6	62.0	57.7	55.6	47.0	40.6	34.2	29.9	23.5

ASZ160481K* / CA*F4961*6D*+MBVC2000**-1A*+TXV

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	58.2	55.1	51.9	48.5	46.3	44.9	41.7	38.4	32.7	30.2	27.8	26.3	25.3	22.7	20.1	17.5	15.0	12.3
T/R	34.8	32.9	31.0	29.0	27.7	26.8	24.9	23.0	19.5	18.0	16.6	15.7	15.1	13.6	12.0	10.5	8.9	7.3
kW	3.29	3.23	3.17	3.10	3.1	3.04	2.98	2.91	2.56	2.50	2.45	2.42	2.40	2.34	2.29	2.23	2.18	2.12
Amps	17.9	16.6	15.5	14.6	14.0	13.8	13.0	12.3	11.8	11.2	10.7	10.4	10.3	9.8	9.1	8.6	7.9	7.1
COP	4.66	4.49	4.30	4.09	3.95	3.86	3.65	3.43	3.27	3.08	2.89	2.76	2.68	2.45	2.22	1.97	1.72	1.44
HI PR	417.5	400.3	384.8	367.9	359.3	352.5	338.8	325.2	311.5	297.5	285.6	278.8	273.8	263.4	253.3	242.9	234.3	226.0
LO PR	142.4	132.1	123.8	113.5	107.3	103.2	95.0	84.6	76.3	68.1	59.9	55.7	53.7	45.4	39.2	33.0	28.9	22.6

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is ARI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power

ASZ160601K* / CA*F4961*6D*+MBVC2000-1A*+TXV LOW STAGE**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	49.2	46.6	43.8	41.0	39.1	37.9	35.2	32.5	30.8	28.4	26.2	24.7	23.8	21.4	18.9	16.5	14.1	11.5
T/R	26.0	24.6	23.2	21.7	20.7	20.1	18.6	17.2	16.3	15.0	13.9	13.1	12.6	11.3	10.0	8.7	7.5	6.1
KW	3.30	3.24	3.17	3.10	3.1	3.03	2.96	2.89	2.99	2.92	2.84	2.80	2.77	2.70	2.63	2.55	2.48	2.41
AMPS	17.9	16.5	15.5	14.5	14.0	13.7	12.9	12.3	11.7	11.2	10.6	10.4	10.2	9.7	9.0	8.5	7.8	7.0
COP	4.16	4.02	3.86	3.68	3.56	3.48	3.30	3.12	2.86	2.71	2.55	2.44	2.38	2.19	1.99	1.78	1.56	1.32
HI PR	413.7	396.6	381.3	364.5	356.0	349.2	335.7	322.2	308.7	294.8	283.0	276.3	271.3	260.9	251.0	240.7	232.1	223.9
LO PR	144.6	134.2	125.8	115.3	109.0	104.9	96.5	85.9	77.5	69.2	60.8	56.6	54.5	46.1	39.8	33.6	29.3	23.0

ASZ160601K* / CA*F4961*6D*+MBVC2000-1A*+TXV HIGH STAGE**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	70.5	66.7	62.8	58.7	56.0	54.3	50.4	46.5	42.8	39.5	36.3	34.3	33.0	29.6	26.3	22.9	19.6	16.0
T/R	37.3	35.3	33.2	31.0	29.7	28.7	26.7	24.6	22.6	20.9	19.2	18.2	17.5	15.7	13.9	12.1	10.3	8.5
KW	4.20	4.12	4.03	3.95	3.9	3.87	3.79	3.71	3.60	3.52	3.44	3.39	3.36	3.27	3.19	3.11	3.03	2.95
AMPS	22.9	21.2	19.8	18.6	17.9	17.5	16.5	15.6	14.9	14.2	13.5	13.2	13.0	12.3	11.5	10.8	9.9	8.9
COP	4.43	4.26	4.09	3.89	3.76	3.67	3.47	3.27	3.08	2.90	2.73	2.61	2.53	2.32	2.10	1.88	1.64	1.37
HI PR	425.8	408.2	392.4	375.2	366.4	359.4	345.5	331.6	317.7	303.4	291.3	284.3	279.2	268.6	258.3	247.7	238.9	230.5
LO PR	132.2	122.6	114.9	105.4	99.6	95.8	88.1	78.5	70.8	63.2	55.6	51.7	49.8	42.1	36.4	30.7	26.8	21.0

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is ARI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS ^				TVA RATINGS ^3		HEATING RATINGS ^			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi ⁴	HSPF ⁵	Low ⁶		
ASZ16 0241K*	ASPT24B14A*		22,800	17,600	14.5	12.0	21,000	17,500	22,400	8.2	14,800	810	6688666
	ASPT30C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,600	8.5	14,000	845	6688673
	ASPT36C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,000	8.5	13,600	860	6688657
	ASUF29B14A*+TXV		22,800	17,600	14.5	12.0	21,000	17,500	22,400	8.2	14,800	810	6688660
	AVPTC30C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,600	8.5	14,000	740	6688658
	AVPTC36C14A*		23,000	17,800	15.0	12.5	21,200	17,700	22,000	8.5	13,600	800	6688667
	CA*F3636*6D*+EEP+TXV		23,400	18,100	14.0	12.0	21,600	18,000	23,000	9.5	15,000	850	6688671
	CA*F3636*6D*+MBVC1200**-.1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.25	15,000	820	6688654
	CA*F3636*6D*+MBVC1600**-.1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	6688672
	CA*F3642*6D*+TXV	G*E80603B*B*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6688656
	CA*F3642*6D*+TXV	A*EH800603B*A*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6873064
	CA*F3743*6D*+MBVC1600**-.1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	8.9	15,000	880	6688655
	CHPF3636B6C*+EEP+TXV		23,400	18,100	14.0	12.0	21,600	18,000	23,000	9.5	15,000	850	6688651
	CHPF3642C6C*+MBVC1600**-.1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	6688652
	CHPF3642C6C*+TXV	G*E80603B*B*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6688659
	CHPF3642C6C*+TXV	A*EH800603B*A*	24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.0	15,000	860	6873044
CHPF3743C6B*+MBVC1600**-.1A*+TXV		24,000	18,600	16.0	13.0	22,200	18,400	23,000	9.5	15,000	880	6688653	
ASZ16 0361K*	ASPT36C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.2	20,400	1,100	6688707
	ASPT42C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,200	8.5	20,000	1,175	7080505
	ASPT42D14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.5	20,400	1,145	6688709
	ASUF39C14A*+TXV		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.2	20,400	1,100	6688706
	AVPTC42D14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,000	8.5	20,400	1,225	6688708
	AVPTC48C14A*		33,000	25,200	15.0	12.5	30,600	24,800	33,200	8.5	20,000	1,150	7080506
	AWUF37XX16B*+TXV		32,000	24,400	14.0	11.5	29,600	24,000	32,000	8.5	18,000	1,150	6688683
	CA*F3743*6D*+TXV	G*VC80604B*B*	34,000	26,000	15.0	12.5	31,600	25,600	34,000	9.0	21,000	1,220	6688684
	CA*F3743*6D*+TXV	G*VC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	6688685
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,000	26,000	15.0	12.5	31,600	25,600	34,000	9.0	21,000	1,220	6688686
	CA*F3743*6D*+TXV	A*VC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	6688687
	CA*F3743*6D*+TXV	G*E80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,290	6688689
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,000	26,000	15.0	12.0	31,600	25,600	34,000	9.0	21,000	1,090	6688694
	CA*F3743*6D*+TXV	ADVC80805C*B*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,250	6688695
	CA*F3743*6D*+TXV	A*EH800805C*A*	34,600	26,400	15.5	12.5	32,200	26,000	34,000	9.0	21,000	1,290	6873065
	CA*F4961*6D*+EEP+TXV		34,600	26,400	14.5	12.2	32,200	26,000	34,400	9.5	21,000	1,100	6688681
	CA*F4961*6D*+MBVC2000**-.1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.5	21,000	1,150	6688682
	CAPT3743*4A*	A*VC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	6688688
	CAPT3743*4A*	G*VC80604B*B*	33,400	25,600	15.0	12.5	31,000	25,200	33,200	9.0	21,000	1,000	6688702
	CAPT3743*4A*	A*VC80604B*B*	33,400	25,600	15.0	12.5	31,000	25,200	33,200	9.0	21,000	1,000	6688703
	CAPT3743*4A*	G*VC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	6688705
	CAPT3743*4A*	A*VC80603B*B*	33,400	25,600	15.0	12.0	31,000	25,200	33,200	9.0	21,000	1,000	6688711
	CAPT3743*4A*	ADVC80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,000	9.0	21,000	990	6688712
	CAPT3743*4A*	G*E80805C*B*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	6688713
	CAPT3743*4A*	A*EH800805C*A*	33,400	25,600	15.5	12.5	31,000	25,200	33,200	9.0	21,000	995	6873068
	CAPT3743*4A*+MBVC1600**-.1A*		32,400	24,800	15.0	12.5	30,000	24,400	32,000	8.5	20,000	1,000	6688730
	CHPF3743D6B*+MBVC2000**-.1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.75	21,000	1,200	6688680
CHPF4860D6D*+EEP+TXV		34,600	26,400	14.5	12.2	32,200	26,000	34,400	9.5	21,000	1,100	6688678	
CHPF4860D6D*+MBVC2000**-.1A*+TXV		34,600	26,400	16.0	13.0	32,200	26,000	34,400	9.5	21,000	1,150	6688679	

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS [^]				TVA RATINGS ³		HEATING RATINGS [^]			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ¹	EER ²	TOTAL	SENS.	Hi ⁴	HSPF ⁵	Low ⁶		
ASZ16 0481K*	ASPT48D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	8.5	28,800	1,600	6688768
	ASPT60D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	8.5	28,800	1,600	6688777
	ASUF59D14A*+TXV		45,000	34,600	14.5	12.0	41,500	34,200	44,000	8.5	28,800	1,600	6688755
	AVPTC48D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	9.0	28,800	1,625	6688778
	AVPTC60D14A*		45,000	34,600	15.0	12.5	41,500	34,200	44,000	9.0	28,800	1,625	6688754
	CA*F4961*6D*+EEP+TXV		45,500	35,000	14.0	12.0	42,000	34,600	46,000	9.0	29,000	1,550	6688740
	CA*F4961*6D*+MBVC2000**-.1A*+TXV		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.5	34,000	1,550	6688739
	CA*F4961*6D*+TXV	G*E81005C*B*	46,000	35,400	16.0	13.0	42,500	35,000	45,500	9.0	30,000	1,570	6688741
	CA*F4961*6D*+TXV	A*EH801005C*A*	46,000	35,400	16.0	13.0	42,500	35,000	45,500	9.0	30,000	1,570	6873050
	CAPT4961*4A*	G*E81005C*B*	46,000	35,400	15.5	13.0	42,500	35,000	45,500	9.0	30,000	1,675	6688742
	CAPT4961*4A*	A*EH801005C*A*	46,000	35,400	15.5	13.0	42,500	35,000	45,500	9.0	30,000	1,675	6873069
	CAPT4961*4A*+EEP		45,500	35,000	14.0	12.0	42,000	34,600	46,000	8.5	29,000	1,675	6688743
	CAPT4961*4A*+MBVC2000**-.1A*		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.0	34,000	1,615	6688765
	CHPF4860D6D*+EEP+TXV		45,500	35,000	14.0	12.0	42,000	34,600	46,000	9.0	29,000	1,550	6688737
	CHPF4860D6D*+MBVC2000**-.1A*+TXV		47,000	36,200	16.0	13.0	43,500	35,600	46,000	9.5	34,000	1,550	6688738
ASZ16 0601K*	CHPF4860D6D*+MBVC2000**-.1A*+TXV		56,000	41,500	16.0	12.7	52,000	41,000	55,500	9.2	35,200	1,600	6688779
	CHPF4860D6D*+TXV	G*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	6688780
	CHPF4860D6D*+TXV	A*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	6688781
	CA*F4961*6D*+MBVC2000**-.1A*+TXV		57,000	42,000	16.0	12.5	53,000	41,500	56,500	9.1	35,800	1,750	6688782
	CA*F4961*6D*+TXV	G*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	6688783
	CA*F4961*6D*+TXV	A*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	6688785
	CHPF4860D6D*+TXV	G*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	6688788
	CA*F4961*6D*+TXV	ADVC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,820	6688791
	CA*F4961*6D*+TXV	G*VC81005C*B*	55,500	41,000	15.5	11.8	51,500	40,500	55,000	9.0	30,000	1,800	6688792
	CA*F4961*6D*+TXV	ADVC80805C*B*	54,500	40,000	15.5	11.8	50,500	40,000	55,500	9.0	30,000	1,580	6688793
	CHPF4860D6D*+TXV	A*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	6688794
	CA*F4961*6D*+TXV	A*VC80805C*B*	55,000	40,500	15.5	11.8	51,000	40,000	55,500	9.0	30,000	1,590	6688795
	AVPTC60D14A*		54,000	40,000	15.0	11.5	50,000	39,500	55,000	8.5	30,000	1,630	8145828

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

¹ Seasonal Energy Efficiency Ratio

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

⁵ HSPF = Heating Seasonal Performance Factor

⁷ CFM at High stage

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

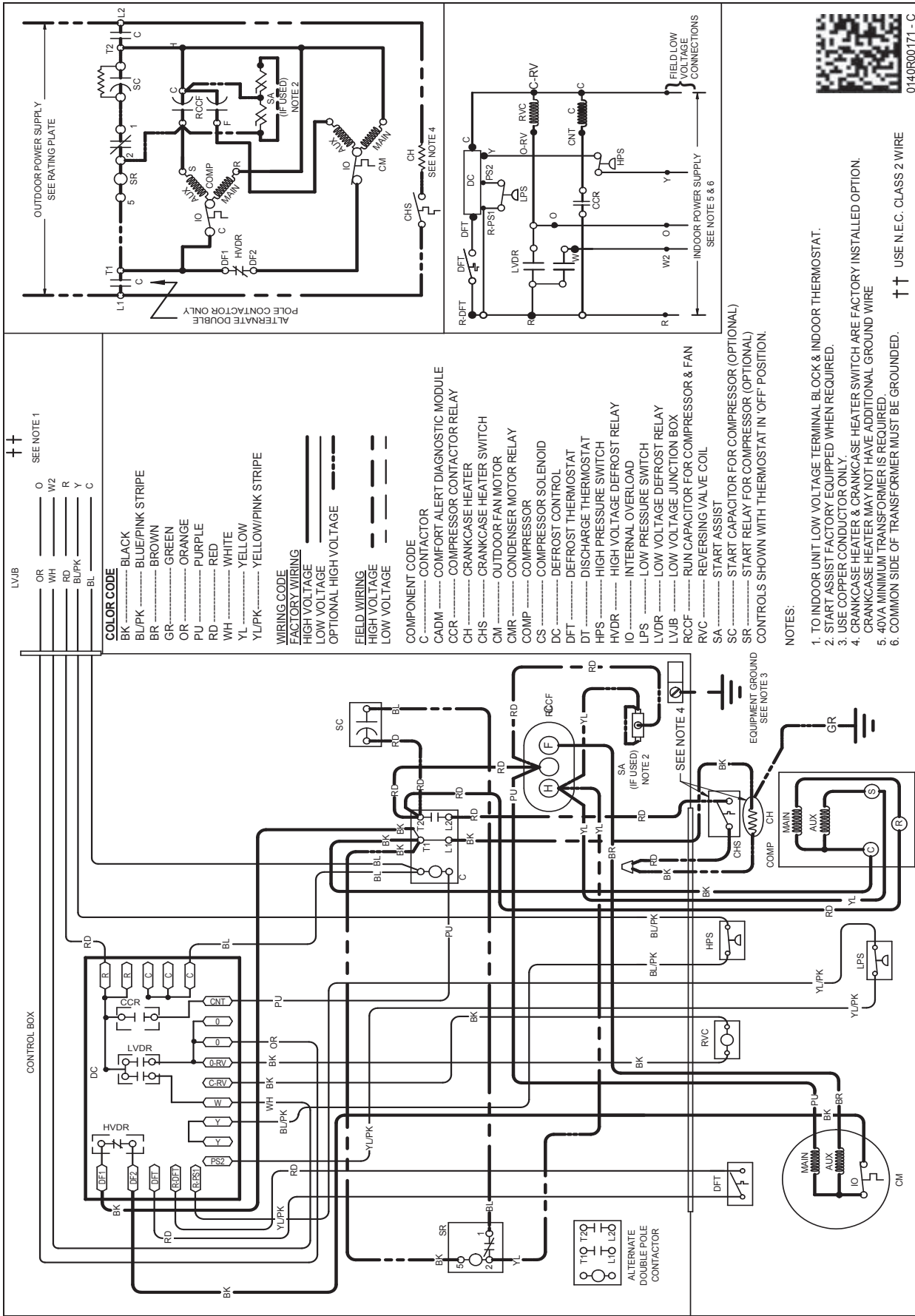
⁴ Rated heating capacity at 47°F outdoor per AHRI 210/240

⁶ Heating capacity at 17°F outdoor

⁸ CFM at Intermediate and low stage

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to 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.



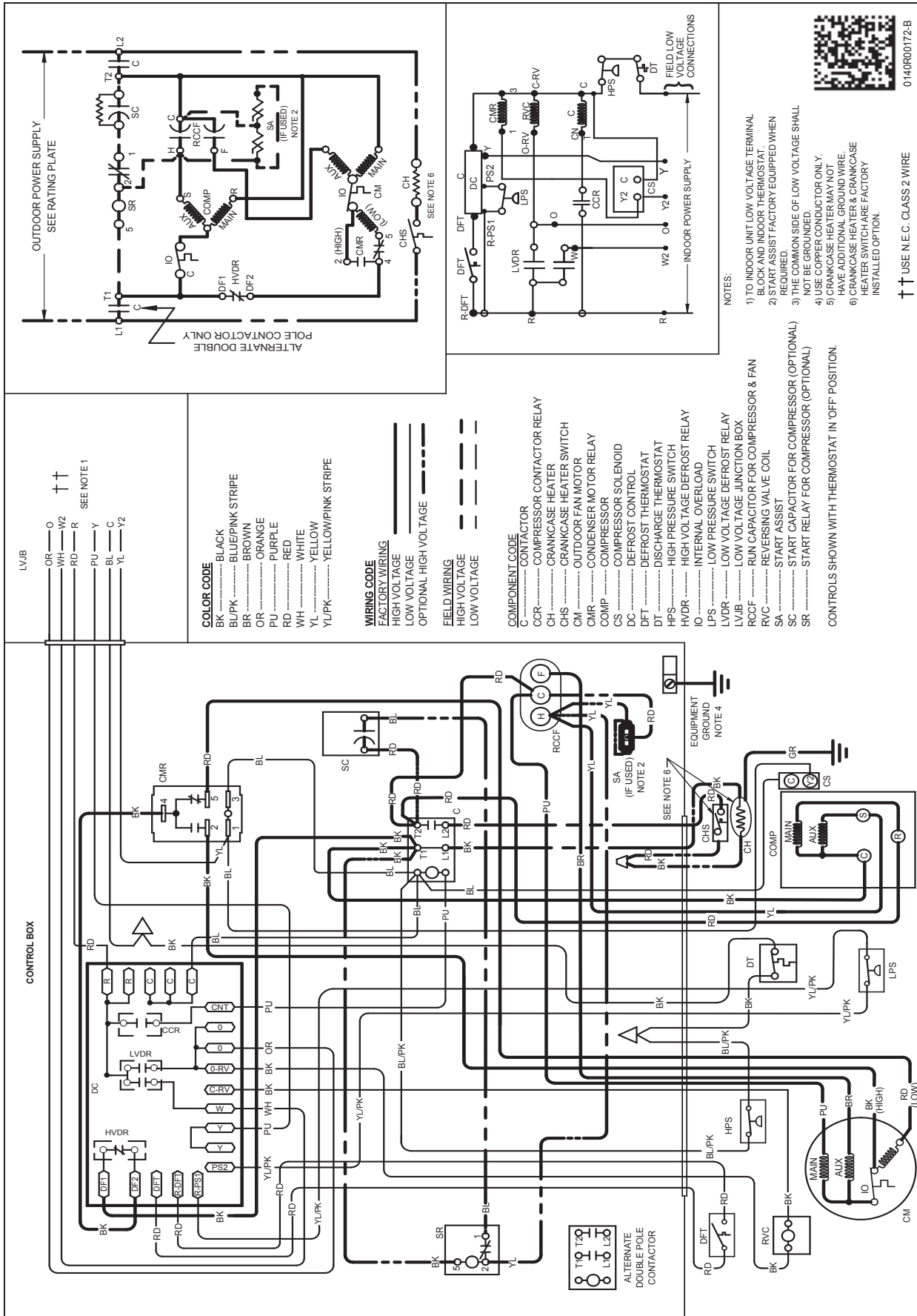
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WARNING

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

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

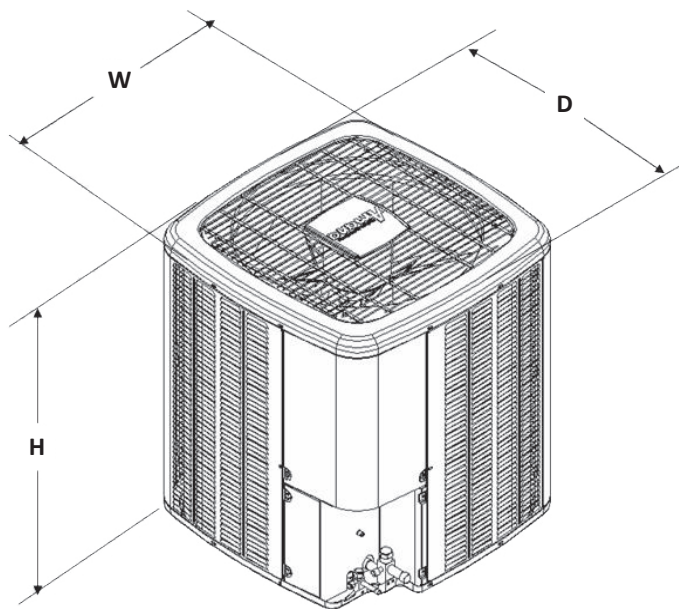


Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING

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

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
ASZ160241K	29	29	38¼
ASZ160361K	35½	35½	38¼
ASZ160481K	35½	35½	38¼
ASZ160601K	35½	35½	38¼

ACCESSORIES

MODEL	DESCRIPTION	ASZ16 024	ASZ16 036	ASZ16 048	ASZ16 060
ABK-20	Anchor Bracket Kit*	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	
CSR-U-3	Hard-start Kit				X
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X
TX2N4A ³	TXV Kit	X			
TX3N4 ³	TXV Kit		X		
TX5N4 ³	TXV Kit			X	X

* Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0° F with 50% or higher relative humidity.

³ Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device. The TXV should always be sized based on the tonnage of the outdoor unit.