

COOLING CAPACITY: 24,000 - 57,000 BTU/H
 HEATING CAPACITY: 24,000 - 57,000 BTU/H

**HIGH-EFFICIENCY
 SPLIT SYSTEM HEAT PUMP
 UP TO 16 SEER & 9.7 HSPF**



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Standard Features

- Two-Stage Copeland® UltraTech scroll compressor
- High-density foam compressor sound blanket
- ComfortNet™ Communications System compatible
- Expanded ComfortAlert™ diagnostics built in
- Simple low-voltage wiring to outdoor unit in communicating mode
- Diagnostic indicator lights and storage of six fault codes
- Color-coded terminal strip for non-communicating set-up
- 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
- Factory-installed coil and ambient temperature sensors
- Fully charged for 15' of tubing length
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized steel enclosure with sound-control top
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder paint finish
- Rust-resistant coated screws
- Compact footprint
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets 2010 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.



* 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	C	16	036	1	AA	
	1	2	3	4	5,6	7,8,9	10	11,12	
Brand	A Amana® Brand							Engineering *	
								Major/ Minor Revisions	
								* Not used for order or inventory control	
Product Category	S Split System				Electrical				
	N Nominal Split System				1 - 208/230 V, 1 Phase, 60 Hz				
Unit Type	X Condenser R-410A				Nominal Capacity				
	Z Heat Pump R-410A				024 2 Tons 048 4 Tons				
					036 3 Tons 060 5 Tons				
Communication Feature	C ComfortNet 4-wire communications ready				Efficiency				
					16 16 SEER 18 18 SEER 20 20 SEER				

	ASZC16 0241A	ASZC16 0361A	ASZC16 0481A	ASZC16 0601B
CAPACITIES AND RATINGS				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Nominal Heating (BTU/h)	24,000	36,000	48,000	60,000
Decibels	72	73	74	75
COMPRESSOR				
RLA	11.7	15.3	21.2	28.8
LRA	58.3	83.0	104.0	152.9
CONDENSER FAN MOTOR				
Horsepower	1/6	1/6	1/6	1/6
FLA	1.2	1.2	1.2	1.2
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	203	263	273
Shipped with Orifice Size	NA	NA	NA	NA
ELECTRICAL DATA				
Volts -Hz	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ²	15.8	20.3	27.7	37.2
Max. Overcurrent Protection ³	25	35	45	60
Min / Max Volts	197/253	197/253	197/253	197/253
Power Supply Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	190	233	305	309
SHIP WEIGHT (LBS)	208	255	327	331
ENERGY STAR CERTIFIED [^]				

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 3/8" 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.

[^] ENERGY STAR NOTES

- 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.
- The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR requirements. See Page 22 for all ENERGY STAR-certified combinations as of this document's revision date.

		OUTDOOR AMBIENT TEMPERATURE									ENTERING INDOOR WET BULB TEMPERATURE												
		65°F			75°F			85°F			95°F			105°F			115°F						
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	MBh	18.3	18.7	20.0	21.4	17.9	18.3	19.5	20.9	17.5	17.8	19.1	20.4	17.0	17.4	18.6	19.9	16.2	16.5	17.7	18.9		
	S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64		
	ΔT	23	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	14	
	kW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.55	
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.6	
	Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	438	457
Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	185	199	
637	MBh	17.8	18.2	19.4	20.8	17.4	17.8	19.0	20.3	17.0	17.3	18.5	19.8	16.5	16.9	18.1	19.3	15.7	16.1	17.2	18.3	19.5	
	S/T	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	24	20	16	23	23	20	16	21	21
	kW	1.07	1.10	1.13	1.17	1.16	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.43	1.48	1.54	1.61
	Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	6.5	6.8
	Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	433	452
Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	183	200	
569	MBh	16.9	17.3	18.4	19.7	16.5	16.9	18.0	19.3	16.1	16.5	17.6	18.8	15.7	16.1	17.2	18.3	14.9	15.3	16.3	17.4	18.6	20.0
	S/T	0.90	0.84	0.69	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	1.02	0.96	0.78	0.58	1.03	1.11
	ΔT	25	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22
	kW	1.06	1.08	1.11	1.15	1.14	1.16	1.20	1.24	1.21	1.24	1.28	1.32	1.28	1.31	1.35	1.40	1.33	1.36	1.41	1.46	1.51	1.57
	Amps	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	6.2	6.4
	Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	356	338	364	384	401	425	443
Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	181	200	

		OUTDOOR AMBIENT TEMPERATURE									ENTERING INDOOR WET BULB TEMPERATURE												
		65°F			75°F			85°F			95°F			105°F			115°F						
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
731	MBh	18.6	19.0	19.9	21.2	18.2	18.6	19.4	20.7	17.8	18.1	19.0	20.2	17.3	17.7	18.5	19.7	16.5	16.8	17.6	18.8	20.0	
	S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.83	0.83	1.00	
	ΔT	23	24	22	19	23	23	23	20	22	23	23	20	22	22	23	20	21	23	24	22	20	18
	kW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.32	1.37	1.32	1.35	1.40	1.44	1.38	1.41	1.46	1.51	1.56	1.61
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.3	6.6	6.8
	Hi PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	442	461
Lo PR	117	124	136	144	123	131	143	153	128	136	149	159	135	143	156	167	141	150	164	175	181	199	
637	MBh	18.1	18.4	19.3	20.6	17.7	18.0	18.9	20.1	17.3	17.6	18.4	19.7	16.8	17.2	18.0	19.2	16.0	16.3	17.1	18.2	19.4	20.6
	S/T	0.98	0.95	0.86	0.69	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	0.97	0.79	1.00	
	ΔT	26	25	24	21	26	26	24	21	25	25	24	21	24	25	24	21	23	24	24	21	22	20
	kW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.55	1.61
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.3	6.6
	Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	438	457
Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	185	200	
569	MBh	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	16.4	16.7	17.5	18.7	16.0	16.3	17.1	18.2	15.2	15.5	16.2	17.3	18.5	20.0
	S/T	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	
	ΔT	26.1	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23
	kW	1.06	1.09	1.12	1.16	1.15	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.29	1.32	1.36	1.41	1.34	1.37	1.42	1.47	1.52	1.58
	Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	6.2	6.5
	Hi PR	209	225	237	248	235	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	429	448
Lo PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	181	200	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHR1 (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	
70	984	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.87	0.73	0.51	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	1.56	1.60	1.65	-	1.68	1.72	1.78	-	1.79	1.83	1.90	-	1.89	1.93	2.00	-	1.97	2.02	2.09	-	2.04	2.09	2.16	-
		Amps	6.0	6.1	6.3	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-
	875	Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	365	392	414	-	403	433	458	-
		Lo PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-
		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	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
766	kW	1.55	1.58	1.63	-	1.67	1.71	1.76	-	1.78	1.82	1.88	-	1.87	1.92	1.98	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-	
	Amps	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.4	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-	
	Hi PR	221	238	251	-	248	267	281	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-	
	Lo PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-	
	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	-	
75	984	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	1.51	1.54	1.59	-	1.63	1.67	1.72	-	1.73	1.77	1.83	-	1.83	1.87	1.93	-	1.91	1.95	2.01	-	1.97	2.02	2.09	-
		Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.1	8.3	8.6	-
		Hi PR	214	230	243	-	240	259	273	-	273	294	310	-	311	335	354	-	350	377	398	-	387	416	440	-
	875	Lo PR	107	113	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-
		MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	20	16	11	21	20	16	11	18	17	14	10
		kW	1.57	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26
766	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.9	8.5	8.7	9.0	9.4	
	Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482	
	Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
	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	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43	
75	984	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10
		kW	1.56	1.60	1.65	1.70	1.68	1.72	1.78	1.84	1.79	1.83	1.90	1.96	1.89	1.93	2.00	2.07	1.97	2.02	2.09	2.16	2.04	2.09	2.16	2.24
		Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3
		Hi PR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	477
		Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172
	875	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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		kW	1.52	1.56	1.61	1.66	1.64	1.68	1.73	1.79	1.75	1.79	1.85	1.91	1.84	1.88	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.10	2.18
		Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0
766	Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	421	444	463	
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167	

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

EXPANDED COOLING DATA — ASZC160361A* / CA*F3743*6** + TXV / MBVC1600*-1 LOW STAGE (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	900	MBh	25.6	26.1	27.9	29.9	25.0	25.5	27.3	29.2	24.4	24.9	26.6	28.5	23.8	24.3	26.0	27.8	22.6	23.1	24.7	26.4	20.9	21.4	22.9	24.4					
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61					
		ΔT	2.47	2.3	2.0	1.6	2.5	2.4	2.1	1.6	1.6	2.5	2.4	2.1	1.6	2.4	2.4	2.1	1.7	2.3	2.4	2.0	1.6	2.1	2.2	1.9	1.5				
		kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09					
		Amps	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					
		Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453					
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175						
	MBh	24.8	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.9	27.6	23.1	23.6	25.2	27.0	22.0	22.4	24.0	25.6	20.3	20.8	22.2	23.7						
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58						
	ΔT	2.5	2.4	2.1	1.7	2.6	2.5	2.1	1.7	2.6	2.5	2.1	1.7	2.6	2.5	2.2	1.8	2.6	2.5	2.2	1.7	2.3	2.3	2.0	1.6						
	kW	1.46	1.49	1.54	1.59	1.57	1.60	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.88	1.94	2.00	1.90	1.94	2.01	2.08						
	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	210	226	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449							
Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173							
MBh	22.9	23.4	25.0	26.8	22.4	22.9	24.5	26.1	21.9	22.3	23.9	25.5	21.3	21.8	23.3	24.9	20.3	20.7	22.1	23.7	18.8	19.2	20.5	21.9							
S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56							
ΔT	2.6	2.5	2.1	1.7	2.6	2.5	2.2	1.7	2.6	2.5	2.2	1.7	2.6	2.5	2.2	1.8	2.6	2.5	2.2	1.7	2.4	2.3	2.0	1.6							
kW	1.42	1.45	1.50	1.55	1.53	1.56	1.62	1.67	1.63	1.66	1.72	1.78	1.71	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.96	2.02							
Amps	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.2	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.3	8.6							
Hi PR	203	219	231	241	228	245	259	270	259	279	295	307	295	318	336	350	332	358	378	394	367	395	417	435							
Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168							

85	900	MBh	26.0	26.5	27.8	29.7	25.4	25.9	27.2	29.0	24.8	25.3	26.5	28.3	24.2	24.7	25.9	27.6	23.0	23.5	24.6	26.2	21.3	21.7	22.8	24.3
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.98	0.79
		ΔT	2.6	2.6	2.4	2.1	2.6	2.6	2.4	2.1	2.5	2.6	2.4	2.1	2.5	2.5	2.3	2.1	2.4	2.4	2.4	2.1	2.2	2.2	2.3	2.0
		kW	1.48	1.51	1.56	1.61	1.60	1.63	1.68	1.74	1.70	1.74	1.79	1.85	1.79	1.83	1.89	1.95	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
		Amps	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
		Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458
	Lo PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
	MBh	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.5	23.5	24.0	25.1	26.8	22.3	22.8	23.8	25.4	20.7	21.1	22.1	23.6	
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	ΔT	2.7	2.7	2.5	2.2	2.7	2.7	2.5	2.2	2.7	2.7	2.5	2.2	2.7	2.7	2.6	2.2	2.6	2.6	2.6	2.2	2.4	2.4	2.4	2.0	
	kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09	
	Amps	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	
Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453		
Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175		
MBh	23.3	23.8	24.9	26.6	22.8	23.2	24.3	26.0	22.2	22.7	23.8	25.3	21.7	22.1	23.2	24.7	20.6	21.0	22.0	23.5	19.1	19.5	20.4	21.8		
S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73		
ΔT	2.75	2.7	2.6	2.2	2.8	2.7	2.6	2.2	2.8	2.7	2.6	2.2	2.8	2.8	2.6	2.3	2.7	2.7	2.6	2.2	2.5	2.5	2.4	2.1		
kW	1.43	1.46	1.51	1.56	1.54	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	1.77	1.83	1.89	1.80	1.84	1.90	1.97	1.87	1.91	1.97	2.04		
Amps	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.7	6.8	7.0	7.3	7.1	7.3	7.5	7.8	7.5	7.7	8.0	8.2	8.0	8.1	8.4	8.7		
Hi PR	205	221	233	243	230	248	262	273	262	282	298	311	298	321	339	354	336	361	382	398	371	399	422	440		
Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170		

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

IDB	AIRFLOW	OUTDOOR AMBIENT 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						
70	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	-												
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-												
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-												
	kW	2.16	2.20	2.27	-	2.33	2.38	2.46	-	2.48	2.53	2.62	-	2.61	2.67	2.76	-	2.72	2.78	2.88	-	2.82	2.88	2.98	-												
	Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.4	-												
	Hi PR	220	237	250	-	247	266	280	-	281	302	319	-	320	344	363	-	360	387	409	-	397	428	452	-												
	Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	135	143	156	-												
	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	-												
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-												
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-												
kW	2.14	2.19	2.26	-	2.31	2.36	2.44	-	2.46	2.51	2.59	-	2.59	2.65	2.73	-	2.70	2.76	2.85	-	2.79	2.86	2.95	-													
Amps	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.7	9.9	10.2	-	10.3	10.6	10.9	-	11.0	11.2	11.6	-	11.6	11.9	12.3	-													
Hi PR	218	234	247	-	244	263	278	-	278	299	316	-	317	341	360	-	356	383	405	-	393	423	447	-													
Lo PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-													
MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-													
S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-													
ΔT	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-													
kW	2.09	2.13	2.20	-	2.25	2.30	2.37	-	2.39	2.45	2.53	-	2.52	2.58	2.66	-	2.63	2.69	2.78	-	2.72	2.78	2.88	-													
Amps	8.0	8.2	8.5	-	8.7	8.9	9.1	-	9.4	9.6	9.9	-	10.0	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-													
Hi PR	211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	393	-	382	411	434	-													
Lo PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	-													

75	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
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	19	18	15	10
	kW	2.17	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	2.69	2.78	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11
	Amps	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	10.8	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0
	Hi PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	401	432	456	476
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
	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
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10
kW	2.16	2.20	2.28	2.35	2.33	2.38	2.46	2.54	2.48	2.53	2.62	2.70	2.61	2.67	2.76	2.85	2.72	2.78	2.88	2.98	2.82	2.88	2.98	3.08	
Amps	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9	
Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	363	379	360	387	409	426	397	428	452	471	
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	
MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	
S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.39	
ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.64	2.54	2.60	2.69	2.78	2.65	2.71	2.80	2.90	2.75	2.81	2.90	3.00	
Amps	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5	
Hi PR	213	230	243	253	239	258	272	284	272	293	309	323	310	334	352	368	349	376	397	414	386	415	438	457	
Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	161	

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	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	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	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.74	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
	ΔT	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	16	22	23	19	15	20	21	18	14
	kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14
	Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1
	Hi PR	2.24	2.42	2.55	2.66	2.52	2.71	2.86	2.99	2.86	3.08	3.25	3.39	3.26	3.51	3.71	3.87	3.67	3.95	4.17	4.35	4.06	4.36	4.61	4.81
	Lo PR	1.10	1.17	1.28	1.36	1.16	1.23	1.35	1.44	1.21	1.28	1.40	1.49	1.27	1.35	1.47	1.57	1.33	1.41	1.54	1.64	1.37	1.46	1.59	1.70
	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	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
kW	2.18	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	2.69	2.78	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11	
Amps	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	10.8	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0	
Hi PR	2.22	2.39	2.53	2.63	2.49	2.68	2.83	2.96	2.84	3.05	3.22	3.36	3.23	3.48	3.67	3.83	3.63	3.91	4.13	4.31	4.01	4.32	4.56	4.76	
Lo PR	1.09	1.16	1.26	1.34	1.15	1.22	1.33	1.42	1.19	1.27	1.39	1.48	1.25	1.33	1.46	1.55	1.31	1.40	1.53	1.63	1.36	1.45	1.58	1.68	
MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0	
S/T	0.84	0.79	0.64	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55	
ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15	
kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.50	2.44	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.74	2.83	2.92	2.77	2.83	2.93	3.03	
Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.6	
Hi PR	2.16	2.32	2.45	2.55	2.42	2.60	2.75	2.87	2.75	2.96	3.13	3.26	3.13	3.37	3.56	3.71	3.52	3.79	4.01	4.18	3.89	4.19	4.43	4.62	
Lo PR	1.05	1.12	1.22	1.30	1.11	1.19	1.29	1.38	1.16	1.23	1.34	1.43	1.22	1.29	1.41	1.50	1.27	1.36	1.48	1.58	1.32	1.40	1.53	1.63	

85	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	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	24	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	20	20	21	21	21	18
	kW	2.21	2.26	2.33	2.41	2.39	2.44	2.52	2.60	2.54	2.60	2.68	2.77	2.68	2.74	2.83	2.93	2.79	2.86	2.95	3.05	2.89	2.96	3.06	3.17
	Amps	8.5	8.7	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.7	12.0	12.5	12.0	12.3	12.8	13.2
	Hi PR	2.27	2.44	2.58	2.69	2.54	2.74	2.89	3.01	2.89	3.11	3.29	3.43	3.29	3.55	3.74	3.91	3.71	3.99	4.21	4.39	4.10	4.41	4.65	4.85
	Lo PR	1.11	1.18	1.29	1.37	1.17	1.25	1.36	1.45	1.22	1.30	1.41	1.51	1.28	1.36	1.49	1.58	1.34	1.43	1.56	1.66	1.39	1.48	1.61	1.72
	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	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	24	25	24	21	23	23	22	19
kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14	
Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1	
Hi PR	2.24	2.42	2.55	2.66	2.52	2.71	2.86	2.99	2.86	3.08	3.25	3.39	3.26	3.51	3.71	3.87	3.67	3.95	4.17	4.35	4.06	4.36	4.61	4.81	
Lo PR	1.10	1.17	1.28	1.36	1.16	1.23	1.35	1.44	1.21	1.28	1.40	1.49	1.27	1.35	1.47	1.57	1.33	1.41	1.54	1.64	1.37	1.46	1.59	1.70	
MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8	
S/T	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72	
ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20	
kW	2.14	2.19	2.26	2.33	2.31	2.36	2.43	2.52	2.46	2.51	2.59	2.68	2.59	2.64	2.73	2.83	2.70	2.76	2.85	2.95	2.79	2.86	2.95	3.06	
Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.9	12.3	12.8	
Hi PR	2.18	2.34	2.47	2.58	2.44	2.63	2.78	2.90	2.78	2.99	3.16	3.29	3.16	3.41	3.60	3.75	3.56	3.83	4.05	4.22	3.93	4.23	4.47	4.66	
Lo PR	1.07	1.13	1.24	1.32	1.13	1.20	1.31	1.39	1.17	1.24	1.36	1.45	1.23	1.31	1.43	1.52	1.29	1.37	1.50	1.59	1.33	1.42	1.55	1.65	

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

IDB		OUTDOOR AMBIENT TEMPERATURE																								115°F	
		85°F												105°F													
		ENTERING INDOOR WET BULB TEMPERATURE												95°F													
AIRFLOW		75°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	1209	MBh	33.7	35.0	38.3	-	33.0	34.2	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.9	-	27.6	28.6	31.4	-	
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	
	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-		
	kW	1.96	2.00	2.07	-	2.12	2.16	2.23	-	2.25	2.30	2.38	-	2.37	2.43	2.51	-	2.48	2.53	2.62	-	2.57	2.62	2.71	-		
	Amps	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.5	9.7	10.1	-	10.1	10.4	10.7	-	10.7	11.0	11.3	-		
	Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	297	320	338	-	335	360	380	-	370	398	420	-		
Lo PR	109	116	126	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-			
70	1075	MBh	32.8	34.0	37.2	-	32.0	33.2	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	28.9	30.0	32.9	-	26.8	27.8	30.4	-	
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-		
	kW	1.95	1.99	2.05	-	2.10	2.15	2.22	-	2.23	2.28	2.36	-	2.35	2.41	2.49	-	2.46	2.51	2.60	-	2.54	2.60	2.69	-		
	Amps	7.5	7.7	8.0	-	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.7	10.0	-	10.0	10.3	10.6	-	10.6	10.9	11.2	-		
	Hi PR	203	218	230	-	227	245	258	-	259	278	294	-	294	317	335	-	331	356	376	-	366	394	416	-		
Lo PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	-			
941	1075	MBh	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.1	31.9	-	26.7	27.7	30.3	-	24.7	25.7	28.1	-	
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	
	ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-		
	kW	1.90	1.94	2.00	-	2.05	2.09	2.16	-	2.18	2.23	2.30	-	2.29	2.35	2.42	-	2.39	2.45	2.53	-	2.48	2.53	2.62	-		
	Amps	7.3	7.5	7.8	-	7.9	8.1	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	10.3	10.6	10.9	-		
	Hi PR	197	211	223	-	221	237	251	-	251	270	285	-	286	307	325	-	321	346	365	-	355	382	403	-		
Lo PR	105	111	121	-	110	117	128	-	115	122	133	-	121	128	140	-	126	134	147	-	131	139	152	-			
75	1209	MBh	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.1	32.7	33.7	36.5	39.1	31.9	32.9	35.6	38.2	30.3	31.2	33.8	36.3	28.1	28.9	31.3	33.6	
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	21	18	12	23	22	20	17	12	21	19	16	11	
	kW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.39	2.45	2.53	2.62	2.73	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83	
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.5	10.8	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9	
	Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	323	341	356	338	364	384	401	373	402	424	443		
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			
75	1075	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.3	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	29.4	30.3	32.8	35.2	27.3	28.1	30.4	32.6	
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	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	0.92	0.83	0.63	0.40	
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	23	21	17	12	22	20	16	11	
	kW	1.96	2.00	2.07	2.14	2.12	2.16	2.23	2.31	2.25	2.30	2.38	2.46	2.37	2.43	2.51	2.60	2.48	2.53	2.62	2.71	2.57	2.63	2.71	2.81		
	Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.7	10.1	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.3	11.8		
	Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	297	320	338	353	335	360	380	397	370	398	420	438		
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			
941	1075	MBh	30.7	31.7	34.3	36.8	30.0	30.9	33.5	35.9	29.3	30.2	32.7	35.1	28.6	29.4	31.9	34.2	27.2	28.0	30.3	32.5	25.2	25.9	28.0	30.1	
		S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	
	ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	23	21	17	12	22	20	17	11	
	kW	1.91	1.95	2.02	2.08	2.06	2.11	2.18	2.25	2.20	2.25	2.32	2.40	2.31	2.37	2.45	2.53	2.41	2.47	2.55	2.64	2.50	2.56	2.64	2.74		
	Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.8	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.2	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.4		
	Hi PR	199	214	226	235	223	240	253	264	253	273	288	300	289	311	328	342	325	349	369	385	359	386	408	425		
Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163			

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	34.9	35.7	38.1	40.8	34.1	34.9	37.2	39.8	33.3	34.0	36.3	38.9	32.5	33.2	35.5	37.9	30.9	31.5	33.7	36.0	28.6	29.2	31.2	33.4
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	16	22	22	19	15
	kW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86
	Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0
	Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447
	Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172
	MBh	33.9	34.6	37.0	39.6	33.1	33.8	36.2	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.0	30.6	32.7	35.0	27.8	28.4	30.3	32.4
	S/T	0.88	0.83	0.67	0.50	0.91	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	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
	kW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.40	2.45	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
	Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	323	341	356	338	364	384	401	373	402	424	443
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	
MBh	31.3	32.0	34.2	36.5	30.6	31.2	33.4	35.7	29.8	30.5	32.6	34.8	29.1	29.7	31.8	34.0	27.7	28.3	30.2	32.3	25.6	26.2	28.0	29.9	
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	
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	1.93	1.97	2.03	2.10	2.08	2.13	2.20	2.27	2.22	2.26	2.34	2.42	2.33	2.39	2.47	2.55	2.43	2.49	2.57	2.66	2.52	2.58	2.67	2.76	
Amps	7.5	7.6	7.9	8.2	8.1	8.3	8.5	8.8	8.8	9.0	9.3	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6	
Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	291	314	331	345	328	353	373	389	362	390	412	429	
Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	

85	MBh	35.5	36.2	37.9	40.5	34.7	35.4	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.6	31.4	32.0	33.5	35.8	29.1	29.6	31.1	33.1
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	23	20
	kW	2.01	2.05	2.12	2.19	2.17	2.22	2.29	2.37	2.31	2.36	2.44	2.53	2.44	2.49	2.58	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.79	2.88
	Amps	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1
	Hi PR	211	227	240	250	237	255	269	280	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452
	Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173
	MBh	34.5	35.2	36.8	39.3	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.5	30.5	31.1	32.5	34.7	28.2	28.8	30.1	32.2
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	27	26	22	24	25	24	21
	kW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86
	Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0
	Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	
MBh	31.8	32.5	34.0	36.3	31.1	31.7	33.2	35.4	30.4	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.1	28.7	30.0	32.0	26.1	26.6	27.8	29.7	
S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72	
ΔT	27.8	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	28	26	22	25	26	24	21	
kW	1.94	1.99	2.05	2.12	2.10	2.14	2.22	2.29	2.23	2.28	2.36	2.44	2.35	2.41	2.49	2.57	2.46	2.51	2.60	2.69	2.54	2.60	2.69	2.78	
Amps	7.5	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.7	
Hi PR	203	218	230	240	227	245	258	269	258	278	294	306	294	317	335	349	331	356	376	393	366	394	416	434	
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167	

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

EXPANDED COOLING DATA — ASZC160481A* / CA*F4961*6** + TXV / MBVC2000**-1 HIGH STAGE

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	59	63	67	71	59	63	67	71				
70	MBh	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-				
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	11	-	19	16	12	-	18	15	11	-				
	kW	2.82	2.88	2.98	-	3.04	3.11	3.21	-	3.24	3.29	3.42	-	3.41	3.48	3.60	-	3.55	3.63	3.75	-	3.68	3.76	3.89	-	3.55	3.63	3.75	-	3.68	3.76	3.89	-				
	Amps	5.8	6.0	6.4	-	6.6	6.9	7.3	-	7.6	7.9	8.3	-	8.5	8.8	9.3	-	9.3	9.7	10.2	-	10.2	10.5	11.1	-	9.3	9.7	10.2	-	10.2	10.5	11.1	-				
	Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-	346	373	393	-	382	412	435	-				
	Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-	129	137	150	-	133	142	155	-				
	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-				
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-				
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	19	16	12	-				
	kW	2.80	2.86	2.95	-	3.02	3.08	3.18	-	3.21	3.28	3.39	-	3.38	3.45	3.57	-	3.52	3.60	3.72	-	3.65	3.73	3.86	-	3.52	3.60	3.72	-	3.65	3.73	3.86	-				
Amps	5.7	5.9	6.3	-	6.5	6.8	7.2	-	7.5	7.8	8.2	-	8.4	8.7	9.1	-	9.2	9.5	10.0	-	10.0	10.4	10.9	-	9.2	9.5	10.0	-	10.0	10.4	10.9	-					
Hi PR	210	226	238	-	235	253	267	-	267	288	304	-	305	328	346	-	343	369	389	-	379	408	430	-	343	369	389	-	379	408	430	-					
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	128	136	148	-	132	141	153	-					
MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-					
S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-					
ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	19	16	12	-					
kW	2.73	2.79	2.88	-	2.94	3.01	3.10	-	3.13	3.20	3.30	-	3.29	3.37	3.48	-	3.43	3.51	3.63	-	3.55	3.63	3.76	-	3.43	3.51	3.63	-	3.55	3.63	3.76	-					
Amps	5.4	5.6	6.0	-	6.2	6.5	6.9	-	7.2	7.5	7.9	-	8.0	8.3	8.7	-	8.8	9.1	9.6	-	9.6	10.0	10.5	-	8.8	9.1	9.6	-	9.6	10.0	10.5	-					
Hi PR	203	219	231	-	228	245	259	-	259	279	295	-	296	318	336	-	332	358	378	-	367	395	417	-	332	358	378	-	367	395	417	-					
Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	124	132	144	-	128	136	149	-					

75	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3	
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	21	17	11	22	20	15	11	22	21	17	11	22	20	15	11	
	kW	2.85	2.91	3.00	3.10	3.07	3.14	3.24	3.34	3.44	3.26	3.34	3.45	3.56	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06
	Amps	5.9	6.1	6.5	6.9	6.7	7.0	7.4	7.9	8.4	7.7	8.0	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8
	Hi PR	214	230	243	253	240	258	273	284	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458	350	376	397	414	386	416	439	458
	Lo PR	108	115	125	133	114	121	132	141	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	130	139	151	161	135	143	157	167
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	57.4	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	
	ΔT	22	21	17	12	23	21	17	12	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	23	21	17	12	21	19	16	11
	kW	2.82	2.88	2.98	3.07	3.04	3.11	3.21	3.32	3.42	3.24	3.31	3.42	3.53	3.41	3.48	3.60	3.72	3.55	3.63	3.75	3.88	3.68	3.76	3.89	4.02	3.55	3.63	3.75	3.88	3.68	3.76	3.89	4.02
Amps	5.8	6.0	6.4	6.8	6.6	6.9	7.3	7.7	8.2	7.6	7.9	8.3	8.8	8.5	8.8	9.3	9.8	9.3	9.7	10.2	10.7	10.2	10.5	11.1	11.7	9.3	9.7	10.2	10.7	10.2	10.5	11.1	11.7	
Hi PR	212	228	241	251	238	256	270	282	282	270	291	307	320	308	331	350	365	346	373	393	410	383	412	435	453	346	373	393	410	383	412	435	453	
Lo PR	107	114	124	132	113	120	131	139	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	129	137	150	160	133	142	155	165	
MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	53.3	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5	
S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40		
ΔT	23	21	17	12	23	21	17	12	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	23	21	17	12	21	20	16	11	
kW	2.76	2.81	2.90	3.00	2.97	3.03	3.13	3.23	3.33	3.16	3.23	3.33	3.44	3.32	3.40	3.51	3.63	3.46	3.54	3.66	3.78	3.59	3.67	3.79	3.92	3.46	3.54	3.66	3.78	3.59	3.67	3.79	3.92	
Amps	5.5	5.7	6.1	6.5	6.3	6.6	7.0	7.4	7.9	7.3	7.6	8.0	8.5	8.1	8.4	8.9	9.4	8.9	9.3	9.8	10.3	9.8	10.1	10.6	11.2	8.9	9.3	9.8	10.3	9.8	10.1	10.6	11.2	
Hi PR	205	221	233	243	230	248	262	273	273	262	282	298	311	299	321	339	354	336	361	382	398	371	399	422	440	336	361	382	398	371	399	422	440	
Lo PR	104	110	120	128	109	116	127	135	135	114	121	132	141	114	127	139	148	125	133	145	155	129	138	150	160	125	133	145	155	129	138	150	160	

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	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																																							
		65°F						75°F						85°F						95°F						105°F						115°F																									
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																				
ENTERING INDOOR WET BULB TEMPERATURE																																																									
80	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0								
	S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	1.00	1.00	0.79	0.59	1.00	1.00	0.83	0.62												
	ΔT	24	23	20	16	25	23	20	16	24	23	20	16	24	24	20	16	22	23	20	16	21	21	19	15	24	24	20	16	22	23	20	16	21	21	19	15	24	24	20	16	22	23	20	16	21	21	19	15								
	kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.48	3.59	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09								
	Amps	6.0	6.2	6.6	7.0	6.8	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0	9.1	9.5	10.1	10.7	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0	9.1	9.5	10.1	10.7	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0								
	Hi PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	443	463	314	338	357	372	353	380	401	419	390	420	443	463	314	338	357	372	353	380	401	419	390	420	443	463								
	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	126	134	146	155	132	140	153	163	136	145	158	168	126	134	146	155	132	140	153	163	136	145	158	168								
	MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7								
	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59								
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16	26	24	21	17	26	25	22	17	26	24	21	17	23	23	20	16	26	24	21	17	26	25	22	17	26	24	21	17	23	23	20	16
	kW	2.85	2.91	3.00	3.10	3.07	3.14	3.24	3.34	3.26	3.34	3.45	3.56	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06								
	Amps	5.9	6.1	6.5	6.9	6.7	7.0	7.4	7.9	7.7	8.0	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	9.4	9.9	10.4	11.0	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	9.4	9.9	10.4	11.0	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8								
Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	335	353	368	350	376	397	414	386	416	439	458	311	335	353	368	350	376	397	414	386	416	439	458	311	335	353	368	350	376	397	414	386	416	439	458									
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	124	132	144	154	130	139	151	161	135	143	157	167	124	132	144	154	130	139	151	161	135	143	157	167									
MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2									
S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57									
ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	22	17	24	23	20	16	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	
kW	2.78	2.84	2.93	3.02	2.99	3.06	3.16	3.26	3.18	3.25	3.36	3.47	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.82	3.95	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.82	3.95	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.82	3.95									
Amps	5.6	5.8	6.2	6.6	6.4	6.7	7.1	7.5	7.4	7.7	8.1	8.6	8.2	8.6	9.0	9.5	9.1	9.4	9.9	10.4	9.9	10.3	10.8	11.4	9.0	9.4	9.9	10.4	9.1	9.4	9.9	10.4	9.9	10.3	10.8	11.4	9.0	9.4	9.9	10.4	9.1	9.4	9.9	10.4	9.9	10.3	10.8	11.4									
Hi PR	207	223	236	246	233	251	265	276	265	285	301	314	302	324	343	357	339	365	385	402	375	403	426	444	302	324	343	357	339	365	385	402	375	403	426	444	302	324	343	357	339	365	385	402	375	403	426	444									
Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	121	128	140	149	126	134	147	156	131	139	152	162	121	128	140	149	126	134	147	156	131	139	152	162									

85	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7								
	S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80								
	ΔT	26	25	24	21	25	26	24	21	25	25	24	21	24	25	24	21	23	23	23	21	21	22	22	19	24	25	24	21	24	25	24	21	23	23	23	21	21	22	22	19	24	25	24	21	24	25	24	21	23	23	23	21	21	22	22	19
	kW	2.89	2.96	3.05	3.15	3.12	3.19	3.29	3.40	3.32	3.39	3.50	3.62	3.49	3.57	3.69	3.82	3.64	3.73	3.85	3.98	3.77	3.86	3.99	4.13	3.49	3.57	3.69	3.82	3.64	3.73	3.85	3.98	3.77	3.86	3.99	4.13	3.49	3.57	3.69	3.82	3.64	3.73	3.85	3.98	3.77	3.86	3.99	4.13								
	Amps	6.1	6.3	6.7	7.1	7.0	7.2	7.6	8.1	8.0	8.3	8.7	9.2	8.9	9.2	9.7	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1	9.2	9.7	10.2	10.7	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1	9.2	9.7	10.2	10.7	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1								
	Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	317	341	360	376	357	384	405	423	394	424	448	467	317	341	360	376	357	384	405	423	394	424	448	467								
	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	127	135	147	157	133	141	154	164	137	146	160	170	127	135																		

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	
		ENTERING INDOOR WET BULB TEMPERATURE																																			
70	MBh	39.4	40.8	44.7	-	-	37.6	38.9	42.7	-	-	36.7	38.0	41.6	-	-	34.8	36.1	39.5	-	-	34.8	36.1	39.5	-	-	32.3	33.4	36.6	-	-	32.3	33.4	36.6	-	-	
	S/T	0.72	0.60	0.42	-	-	0.77	0.64	0.44	-	-	0.79	0.66	0.46	-	-	0.82	0.69	0.48	-	-	0.82	0.69	0.48	-	-	0.83	0.69	0.48	-	-	0.83	0.69	0.48	-	-	
	ΔT	19	17	13	-	-	20	17	13	-	-	20	17	13	-	-	20	17	13	-	-	20	17	13	-	-	18	16	12	-	-	18	16	12	-	-	
	KW	2.38	2.43	2.51	-	-	2.57	2.62	2.71	-	-	2.73	2.79	2.88	-	-	3.00	3.06	3.17	-	-	3.00	3.06	3.17	-	-	3.10	3.17	3.28	-	-	3.10	3.17	3.28	-	-	
Amps	8.9	9.1	9.4	-	-	9.6	9.8	10.1	-	-	10.3	10.6	10.9	-	-	11.0	11.2	11.6	-	-	11.7	11.9	12.3	-	-	12.3	12.6	13.0	-	-	12.3	12.6	13.0	-	-		
Hi PR	205	221	233	-	-	230	247	261	-	-	262	281	297	-	-	298	321	338	-	-	335	361	381	-	-	370	398	421	-	-	370	398	421	-	-		
Lo PR	107	113	124	-	-	113	120	131	-	-	117	124	136	-	-	123	131	143	-	-	129	137	150	-	-	133	142	155	-	-	133	142	155	-	-		
70	MBh	38.3	39.7	43.4	-	-	37.4	38.7	42.4	-	-	35.6	36.9	40.4	-	-	33.8	35.0	38.4	-	-	33.8	35.0	38.4	-	-	31.3	32.5	35.6	-	-	31.3	32.5	35.6	-	-	
	S/T	0.69	0.58	0.40	-	-	0.71	0.60	0.41	-	-	0.73	0.61	0.42	-	-	0.79	0.66	0.45	-	-	0.79	0.66	0.45	-	-	0.79	0.66	0.46	-	-	0.79	0.66	0.46	-	-	
	ΔT	21	18	14	-	-	21	18	14	-	-	22	19	14	-	-	22	19	14	-	-	22	19	14	-	-	20	17	13	-	-	20	17	13	-	-	
	KW	2.36	2.41	2.49	-	-	2.54	2.60	2.68	-	-	2.71	2.77	2.86	-	-	2.85	2.91	3.01	-	-	2.97	3.04	3.14	-	-	3.08	3.14	3.25	-	-	3.08	3.14	3.25	-	-	
Amps	8.8	9.0	9.3	-	-	9.5	9.7	10.0	-	-	10.2	10.5	10.8	-	-	10.9	11.1	11.5	-	-	11.6	11.8	12.2	-	-	12.2	12.5	12.9	-	-	12.2	12.5	12.9	-	-		
Hi PR	203	218	231	-	-	228	245	259	-	-	259	279	294	-	-	295	317	335	-	-	332	357	377	-	-	367	394	417	-	-	367	394	417	-	-		
Lo PR	105	112	122	-	-	111	119	129	-	-	116	123	134	-	-	122	129	141	-	-	127	136	148	-	-	132	140	153	-	-	132	140	153	-	-		
1050	MBh	37.7	39.1	42.8	-	-	36.8	38.1	41.8	-	-	35.1	36.3	39.8	-	-	33.3	34.5	37.8	-	-	33.3	34.5	37.8	-	-	30.8	32.0	35.0	-	-	30.8	32.0	35.0	-	-	
	S/T	0.67	0.56	0.38	-	-	0.69	0.58	0.40	-	-	0.71	0.59	0.41	-	-	0.76	0.63	0.44	-	-	0.76	0.63	0.44	-	-	0.76	0.63	0.44	-	-	0.76	0.63	0.44	-	-	
	ΔT	22	19	14	-	-	22	19	15	-	-	22	19	15	-	-	22	19	15	-	-	22	19	15	-	-	21	18	14	-	-	21	18	14	-	-	
	KW	2.33	2.38	2.45	-	-	2.51	2.56	2.65	-	-	2.67	2.73	2.82	-	-	2.81	2.87	2.97	-	-	2.93	2.99	3.09	-	-	3.03	3.10	3.20	-	-	3.03	3.10	3.20	-	-	
Amps	8.7	8.9	9.2	-	-	9.3	9.6	9.8	-	-	10.1	10.3	10.6	-	-	10.7	11.0	11.3	-	-	11.4	11.6	12.0	-	-	12.0	12.3	12.7	-	-	12.0	12.3	12.7	-	-		
Hi PR	199	215	227	-	-	224	241	254	-	-	255	274	289	-	-	290	312	329	-	-	326	351	371	-	-	360	388	409	-	-	360	388	409	-	-		
Lo PR	104	110	120	-	-	110	117	127	-	-	114	121	132	-	-	120	127	139	-	-	125	133	146	-	-	130	138	151	-	-	130	138	151	-	-		
1350	MBh	40.1	41.3	44.7	47.9	-	39.1	40.3	43.6	46.8	-	38.2	39.3	42.6	45.7	-	37.3	38.4	41.5	44.6	-	35.4	36.5	39.5	42.4	-	32.8	33.8	36.6	39.2	-	32.8	33.8	36.6	39.2	-	-
	S/T	0.82	0.74	0.56	0.36	-	0.85	0.76	0.58	0.37	-	0.87	0.78	0.59	0.38	-	0.90	0.81	0.61	0.39	-	0.94	0.84	0.63	0.41	-	0.94	0.84	0.64	0.41	-	0.94	0.84	0.64	0.41	-	-
	ΔT	22	21	17	12	-	23	21	17	12	-	23	21	17	12	-	23	21	17	12	-	23	21	17	12	-	21	19	16	11	-	21	19	16	11	-	-
	KW	2.40	2.45	2.53	2.61	-	2.59	2.64	2.73	2.82	-	2.75	2.81	2.91	3.00	-	2.90	2.96	3.06	3.16	-	3.02	3.09	3.19	3.30	-	3.13	3.20	3.31	3.42	-	3.13	3.20	3.31	3.42	-	-
Amps	9.0	9.2	9.4	9.8	-	9.6	9.9	10.2	10.5	-	10.4	10.7	11.0	11.4	-	11.1	11.3	11.7	12.1	-	11.8	12.0	12.4	12.9	-	12.4	12.7	13.1	13.6	-	12.4	12.7	13.1	13.6	-	-	
Hi PR	207	223	235	245	-	232	250	264	275	-	264	284	300	313	-	301	324	342	357	-	339	364	385	401	-	374	402	425	443	-	374	402	425	443	-	-	
Lo PR	108	114	125	133	-	114	121	132	141	-	118	126	137	146	-	124	132	144	154	-	130	138	151	161	-	135	143	156	166	-	135	143	156	166	-	-	
75	MBh	38.9	40.1	43.4	46.5	-	38.0	39.1	42.3	45.4	-	37.1	38.2	41.3	44.4	-	36.2	37.3	40.3	43.3	-	34.4	35.4	38.3	41.1	-	31.8	32.8	35.5	38.1	-	31.8	32.8	35.5	38.1	-	-
	S/T	0.78	0.70	0.53	0.34	-	0.81	0.73	0.55	0.35	-	0.83	0.75	0.56	0.36	-	0.86	0.77	0.58	0.37	-	0.89	0.80	0.60	0.39	-	0.90	0.81	0.61	0.39	-	0.90	0.81	0.61	0.39	-	-
	ΔT	24	22	18	13	-	25	23	19	13	-	25	23	19	13	-	25	23	19	13	-	25	23	19	13	-	23	21	17	12	-	23	21	17	12	-	-
	KW	2.38	2.43	2.51	2.59	-	2.57	2.62	2.71	2.80	-	2.73	2.79	2.88	2.98	-	2.87	2.94	3.04	3.14	-	3.00	3.06	3.17	3.27	-	3.10	3.17	3.28	3.39	-	3.10	3.17	3.28	3.39	-	-
Amps	8.9	9.1	9.4	9.7	-	9.6	9.8	10.1	10.4	-	10.3	10.6	10.9	11.3	-	11.0	11.2	11.6	12.0	-	11.7	11.9	12.3	12.7	-	12.3	12.6	13.0	13.5	-	12.3	12.6	13.0	13.5	-	-	
Hi PR	205	221	233	243	-	230	248	261	273	-	262	281	297	310	-	298	321	339	353	-	335	361	381	397	-	370	399	421	439	-	370	399	421	439	-	-	
Lo PR	107	113	124	132	-	113	120	131	139	-	117	124	136	145	-	123	131	143	152	-	129	137	150	159	-	133	142	155	165	-	133	142	155	165	-	-	
1050	MBh	38.3	39.5	42.7	45.8	-	37.4	38.5	41.7	44.8	-	36.5	37.6	40.7	43.7	-	35.6	36.7	39.7	42.6	-	33.9	34.9	37.7	40.5	-	31.4	32.3	35.0	37.5	-	31.4	32.3	35.0	37.5	-	-
	S/T	0.76	0.68	0.51	0.33	-	0.78	0.70	0.53	0.34	-	0.80	0.72	0.54	0.35	-	0.83	0.74	0.56	0.36	-	0.86	0.77	0.58	0.37	-	0.87	0.78	0.59	0.38	-	0.87	0.78	0.59	0.38	-	-
	ΔT	25	23	19	13	-	26	24	19	13	-	26	24	19	13	-	26	24	20	13	-	26	24	19	13	-	24	22	18	12	-	24	22	18	12	-	-
	KW	2.35	2.40	2.47	2.55	-	2.53	2.59	2.67	2.76	-	2.69	2.75	2.84	2.94	-	2.83	2.90	2.99	3.09	-	2.95	3.02	3.12	3.23	-	3.06	3.13	3.23	3.34	-	3.06	3.13	3.23	3.34	-	-
Amps	8.8	9.0	9.2	9.5	-	9.4	9.6	9.9	10.3	-	10.2	10.4	10.7	11.1	-	10.8	11.1	11.4	11.8	-	11.5	11.7	12.1	12.6	-	12.1	12.4	12.8	13.3	-	12.1	12.4	12.8	13.3	-	-	
Hi PR	201	217	229	239	-	226	243	257	268	-	257	277	292	305	-	293	315	333	347	-	329	355	374	390	-	364	392	414	431	-	364	392	414	431	-	-	
Lo PR	105	111	122	130	-	111	118	129	137	-	115	122	134	142	-	121	129	140	149	-	127	135	147	157	-	131	139	152	162	-	131	139	152	162	-	-	

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

EXPANDED COOLING DATA — ASZC160601B / CAPF4961D6*+TXV / MBVC2000A LOW STAGE (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																								
80	1350	MBh	40.8	41.7	44.5	47.6	39.8	40.7	43.5	46.5	38.9	39.7	42.5	45.4	37.9	38.8	41.4	44.3	36.0	36.8	39.3	42.1	33.4	34.1	36.4	39.0
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16
	KW	2.42	2.47	2.55	2.63	2.61	2.67	2.75	2.84	2.77	2.84	2.93	3.03	3.19	2.92	2.99	3.09	3.19	3.05	3.12	3.22	3.33	3.15	3.23	3.34	3.45
	Amps	9.0	9.2	9.5	9.9	9.7	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.9	11.2	11.4	11.8	12.2	11.9	12.1	12.5	13.0	12.5	12.8	13.2	13.7
	Hi PR	209	225	238	248	235	253	267	278	267	287	303	316	330	304	327	345	360	342	368	389	405	378	407	429	448
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	162	125	133	146	155	131	140	153	163	136	145	158	168
	MBh	39.6	40.5	43.2	46.2	38.7	39.5	42.2	45.1	37.8	38.6	41.2	44.1	47.0	36.8	37.6	40.2	43.0	35.0	35.8	38.2	40.8	32.4	33.1	35.4	37.8
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.94	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	27	26	23	18	28	26	23	18	28	26	23	18	28	27	23	18	27	30	29	26	23	26	25	21	17
	KW	2.40	2.45	2.53	2.61	2.59	2.64	2.73	2.82	2.75	2.81	2.91	3.00	3.16	2.90	2.96	3.06	3.16	3.02	3.09	3.19	3.30	3.13	3.20	3.31	3.42
	Amps	9.0	9.2	9.4	9.8	9.6	9.9	10.2	10.5	10.4	10.7	11.0	11.4	11.9	11.1	11.3	11.7	12.1	11.8	12.0	12.4	12.9	12.4	12.7	13.1	13.6
	Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	330	301	324	342	357	339	364	385	401	374	403	425	443
Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	161	124	132	144	154	130	138	151	161	135	143	156	166	
MBh	39.0	39.9	42.6	45.5	38.1	38.9	41.6	44.5	37.2	38.0	40.6	43.4	46.3	36.3	37.1	39.6	42.3	34.5	35.2	37.6	40.2	31.9	32.6	34.9	37.3	
S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54	
ΔT	28	27	24	19	29	27	24	19	29	28	24	19	29	29	24	19	28	30	29	27	24	27	26	22	18	
KW	2.37	2.42	2.49	2.58	2.55	2.61	2.69	2.78	2.71	2.77	2.86	2.96	3.05	2.86	2.92	3.02	3.12	2.98	3.05	3.15	3.25	3.08	3.15	3.26	3.37	
Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.7	10.9	11.2	11.5	11.9	11.6	11.9	12.2	12.7	12.2	12.5	12.9	13.4	
Hi PR	204	219	231	241	228	246	260	271	260	280	295	308	330	296	318	336	351	333	358	378	394	368	396	418	436	
Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	158	122	130	142	151	128	136	149	158	132	141	154	164	
85	1350	MBh	41.5	42.3	44.3	47.3	40.5	41.3	43.3	46.2	39.6	40.3	42.2	45.1	38.6	39.3	41.2	44.0	36.7	37.4	39.1	41.8	34.0	34.6	36.3	38.7
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
		ΔT	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	24	23	20
	KW	2.44	2.49	2.57	2.66	2.63	2.69	2.77	2.87	2.80	2.86	2.95	3.05	3.15	2.95	3.01	3.11	3.22	3.07	3.14	3.25	3.36	3.18	3.25	3.36	3.48
	Amps	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.8	11.2	11.6	12.1	11.3	11.5	11.9	12.3	12.0	12.2	12.6	13.1	12.6	12.9	13.4	13.8
	Hi PR	211	227	240	250	237	255	269	281	270	290	306	319	340	307	330	349	364	345	372	392	409	382	411	434	452
	Lo PR	110	117	127	136	116	123	135	143	121	128	140	149	164	127	135	147	157	133	141	154	164	137	146	159	170
	MBh	40.3	41.1	43.0	45.9	39.3	40.1	42.0	44.8	38.4	39.2	41.0	43.8	46.7	37.5	38.2	40.0	42.7	35.6	36.3	38.0	40.5	33.0	33.6	35.2	37.6
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	29	29	27	23	29	29	27	24	29	29	27	24	30	30	29	28	24	28	29	27	24	26	27	25	22
	KW	2.42	2.47	2.55	2.63	2.61	2.67	2.75	2.84	2.77	2.84	2.93	3.03	3.13	2.92	2.99	3.09	3.19	3.05	3.12	3.22	3.33	3.15	3.23	3.34	3.45
	Amps	9.0	9.2	9.5	9.9	9.7	9.9	10.2	10.6	10.5	10.7	11.1	11.5	12.0	11.2	11.4	11.8	12.2	11.9	12.1	12.5	13.0	12.5	12.8	13.2	13.7
	Hi PR	209	225	238	248	235	253	267	278	267	287	303	316	330	304	327	345	360	342	368	389	405	378	407	429	448
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	162	125	133	146	155	131	140	153	163	136	145	158	168	
MBh	39.7	40.5	42.4	45.2	38.8	39.5	41.4	44.1	37.8	38.6	40.4	43.1	45.8	36.9	37.6	39.4	42.0	35.1	35.7	37.4	39.9	32.5	33.1	34.7	37.0	
S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71	
ΔT	30	30	28	24	31	30	28	25	31	30	28	25	31	31	30	29	25	30	30	28	24	28	28	26	23	
KW	2.39	2.44	2.52	2.60	2.57	2.63	2.71	2.80	2.74	2.80	2.89	2.98	3.08	2.88	2.94	3.04	3.15	3.00	3.07	3.17	3.28	3.11	3.18	3.29	3.40	
Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	10.9	11.3	11.7	11.0	11.3	11.6	12.0	11.7	12.0	12.3	12.8	12.3	12.6	13.0	13.5	
Hi PR	206	221	234	244	231	248	262	273	262	282	298	311	330	299	322	340	354	336	362	382	398	371	400	422	440	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	159	123	131	143	152	129	137	150	160	134	142	155	165	

Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (compressor + fan)

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

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

Table with columns for Outdoor Ambient Temperature (65°F, 75°F, 85°F, 95°F, 105°F, 115°F) and Indoor Wet Bulb Temperature (59, 63, 67, 71). Rows include IDB, Airflow (MBh, S/T, ΔT), and Capacity (2000, 1750, 1600 kW/Amps) for 70 and 75 ton units.

Table with columns for Outdoor Ambient Temperature (65°F, 75°F, 85°F, 95°F, 105°F, 115°F) and Indoor Wet Bulb Temperature (59, 63, 67, 71). Rows include IDB, Airflow (MBh, S/T, ΔT), and Capacity (2000, 1750, 1600 kW/Amps) for 75 ton units. Some cells are highlighted in yellow.

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

EXPANDED COOLING DATA — ASZC160601B / CAPF4961D6*+TXV / MBVC2000A HIGH STAGE (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2												
	S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61												
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	22	22	19	15												
	kW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.76	4.92	4.67	4.77	4.93	5.10												
	Amps	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.3	20.0	20.7	20.0	20.5	21.2	22.0												
	Hi PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476												
	Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164												
	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	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	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	3.65	3.77	3.89	3.85	3.93	4.05	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.53	4.68	4.48	4.58	4.72	4.88	4.63	4.73	4.89	5.05													
Amps	14.0	14.4	14.8	15.4	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.5	19.8	20.3	21.0	21.8													
Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	398	428	452	471													
Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163													
MBh	55.3	56.5	60.4	64.5	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	51.4	52.6	56.1	60.0	48.9	49.9	53.3	57.0	45.3	46.2	49.4	52.8													
S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.74	0.56													
ΔT	27	26	23	18	27	26	23	18	27	26	23	18	28	26	23	18	27	26	23	18	25	24	21	17													
kW	3.53	3.60	3.72	3.83	3.80	3.88	4.00	4.13	4.03	4.12	4.25	4.39	4.24	4.33	4.47	4.62	4.41	4.51	4.66	4.81	4.57	4.67	4.82	4.98													
Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.2	19.5	20.0	20.6	21.4													
Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	315	338	357	373	354	381	402	419	391	421	444	463													
Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160													
85	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8												
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79												
	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	24	25	22	23	23	20												
	kW	3.64	3.71	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.38	4.52	4.37	4.46	4.61	4.76	4.55	4.65	4.80	4.96	4.71	4.81	4.97	5.14												
	Amps	14.3	14.6	15.1	15.6	15.4	15.8	16.3	16.9	16.7	17.2	17.7	18.4	17.9	18.3	18.9	19.7	19.0	19.5	20.2	20.9	20.2	20.7	21.4	22.2												
	Hi PR	225	242	255	266	252	271	286	299	287	308	326	340	326	351	371	387	367	395	417	435	406	437	461	481												
	Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166												
	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	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75												
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	22	25	25	24	21												
kW	3.61	3.68	3.80	3.92	3.88	3.96	4.09	4.22	4.12	4.21	4.34	4.49	4.33	4.43	4.57	4.72	4.51	4.61	4.76	4.92	4.67	4.77	4.93	5.10													
Amps	14.1	14.5	15.0	15.5	15.3	15.6	16.2	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.3	20.0	20.7	20.0	20.5	21.2	22.0													
Hi PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476													
Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164													
MBh	56.3	57.3	60.1	64.1	54.9	56.0	58.7	62.6	53.6	54.7	57.3	61.1	52.3	53.3	55.9	59.6	49.7	50.7	53.1	56.6	46.0	46.9	49.2	52.4													
S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72													
ΔT	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	29	29	27	23	26	27	25	22													
kW	3.56	3.63	3.75	3.86	3.83	3.91	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.37	4.51	4.66	4.45	4.55	4.70	4.85	4.60	4.71	4.86	5.02													
Amps	13.9	14.3	14.7	15.3	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.5	17.9	18.5	19.2	18.6	19.0	19.7	20.4	19.7	20.2	20.8	21.6													
Hi PR	219	235	248	259	245	264	279	291	279	300	317	331	318	342	361	377	357	385	406	424	395	425	449	468													
Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	130	139	152	161													

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

Shaded area reflects AHRH (TVA) conditions

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

ASZC160241A* / CA*F3636*6A* + TXV / MBE1600**-1 — LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	20.8	19.7	18.5	17.3	16.6	16.0	14.9	13.7	13.1	12.1	11.1	10.5	10.1	9.1	8.1	7.0	6.0	4.9
ΔT	30.2	28.6	26.9	25.2	24.1	23.3	21.7	20.0	19.0	17.6	16.2	15.3	14.7	13.2	11.7	10.2	8.7	7.1
kW	1.42	1.40	1.37	1.34	1.3	1.31	1.28	1.25	1.37	1.33	1.30	1.28	1.27	1.23	1.20	1.17	1.14	1.10
Amps	6.8	6.3	5.9	5.6	5.4	5.3	5.0	4.7	4.5	4.3	4.1	4.0	4.0	3.8	3.5	3.3	3.1	2.8
COP	4.27	4.13	3.97	3.79	3.67	3.59	3.41	3.21	2.81	2.66	2.51	2.40	2.34	2.15	1.96	1.76	1.54	1.30
EER	14.6	14.1	13.6	13.0	12.5	12.3	11.6	11.0	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.5

ASZC160241A* / CA*F3636*6A* + TXV / MBE1600**-1 — HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
ΔT	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
kW	1.86	1.83	1.79	1.75	1.7	1.71	1.68	1.64	1.72	1.68	1.64	1.61	1.60	1.56	1.52	1.48	1.44	1.40
Amps	8.7	8.0	7.5	7.1	6.8	6.7	6.3	6.0	5.7	5.5	5.2	5.1	5.0	4.8	4.5	4.2	3.9	3.5
COP	4.74	4.58	4.40	4.20	4.06	3.97	3.77	3.55	3.18	3.01	2.84	2.72	2.65	2.44	2.22	1.99	1.74	1.47
EER	16.2	15.6	15.0	14.3	13.9	13.6	12.9	12.1	10.9	10.3	9.7	9.3	9.0	8.3	7.6	6.8	6.0	5.0

ASZC160361A* / CA*F3642*6A* + TXV / MBE1600**-1 — LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.3	28.7	27.0	25.3	24.1	23.4	21.7	20.0	18.1	16.7	15.4	14.5	14.0	12.6	11.1	9.7	8.3	6.8
ΔT	35.1	33.2	31.3	29.2	27.9	27.1	25.1	23.2	21.0	19.4	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.9
kW	2.03	1.98	1.94	1.90	1.9	1.86	1.82	1.78	1.93	1.89	1.84	1.81	1.79	1.75	1.70	1.65	1.61	1.56
Amps	9.8	9.1	8.5	8.0	7.8	7.6	7.2	6.8	6.6	6.3	6.0	5.8	5.8	5.5	5.1	4.8	4.5	4.1
COP	4.38	4.23	4.07	3.89	3.76	3.68	3.49	3.29	2.74	2.60	2.45	2.35	2.29	2.11	1.92	1.72	1.51	1.27
EER	15.0	14.5	13.9	13.3	12.8	12.6	11.9	11.3	9.4	8.9	8.4	8.0	7.8	7.2	6.6	5.9	5.2	4.4

ASZC160361A* / CA*F3642*6A* + TXV / MBE1600**-1 — HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
ΔT	34.8	33.0	31.0	29.0	27.7	26.8	24.9	23.0	21.1	19.4	17.9	16.9	16.3	14.6	13.0	11.3	9.6	7.9
kW	2.80	2.74	2.69	2.63	2.6	2.57	2.52	2.46	2.39	2.33	2.28	2.24	2.22	2.16	2.11	2.05	2.00	1.94
Amps	13.1	12.1	11.4	10.7	10.3	10.1	9.5	9.1	8.7	8.3	7.9	7.7	7.6	7.2	6.7	6.4	5.9	5.3
COP	4.52	4.37	4.20	4.01	3.88	3.79	3.60	3.40	3.21	3.03	2.86	2.74	2.66	2.45	2.23	2.00	1.75	1.48
EER	15.4	14.9	14.3	13.7	13.2	13.0	12.3	11.6	11.0	10.4	9.8	9.4	9.1	8.4	7.6	6.8	6.0	5.0

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

ASZC160481A* / CA*F4860*6A* +T XV / MBE2000**-1 — LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	30.9	28.5	25.7	23.7	21.8	20.6	19.9	17.8	15.8	13.8	11.8	9.6
ΔT	37.2	35.2	33.1	31.0	29.6	28.7	26.6	24.6	22.1	20.4	18.8	17.8	17.1	15.4	13.6	11.9	10.1	8.3
kW	2.97	2.91	2.85	2.79	2.8	2.72	2.66	2.60	2.71	2.65	2.58	2.54	2.52	2.45	2.38	2.32	2.25	2.18
Amps	14.1	13.1	12.2	11.5	11.1	10.9	10.3	9.7	9.3	8.9	8.5	8.3	8.1	7.7	7.2	6.8	6.3	5.6
COP	4.25	4.11	3.95	3.78	3.66	3.58	3.40	3.21	2.77	2.62	2.48	2.38	2.31	2.13	1.94	1.74	1.53	1.29
EER	14.5	14.0	13.5	12.9	12.5	12.2	11.6	11.0	9.5	9.0	8.5	8.1	7.9	7.3	6.6	5.9	5.2	4.4

ASZC160481A* / CA*F4860*6A* + TXV / MBE2000**-1 — HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.1	55.9	52.6	49.2	47.0	45.5	42.3	39.0	41.1	38.0	34.9	33.0	31.8	28.5	25.3	22.0	18.8	15.4
ΔT	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	24.6	22.7	20.9	19.7	19.0	17.0	15.1	13.2	11.2	9.2
kW	3.81	3.73	3.65	3.58	3.5	3.50	3.42	3.35	3.33	3.25	3.17	3.13	3.10	3.02	2.94	2.86	2.78	2.71
Amps	18.8	17.1	15.6	14.4	13.7	13.3	12.2	11.3	10.6	9.9	9.2	8.8	8.6	7.9	7.0	6.3	5.4	4.3
COP	4.54	4.39	4.22	4.03	3.89	3.81	3.61	3.41	3.61	3.42	3.22	3.09	3.00	2.77	2.52	2.25	1.98	1.67
EER	15.5	15.0	14.4	13.8	13.3	13.0	12.4	11.7	12.3	11.7	11.0	10.6	10.3	9.5	8.6	7.7	6.8	5.7

ASZC160601B* / CAPF4961D6 / MBVC2000A — LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	49.9	47.3	44.5	41.6	39.7	38.5	35.8	33.0	30.8	28.4	26.2	24.7	23.8	21.3	18.9	16.5	14.1	11.5
ΔT	40.2	38.1	35.8	33.5	32.0	31.0	28.8	26.5	24.8	22.9	21.1	19.9	19.2	17.2	15.2	13.3	11.3	9.3
kW	3.51	3.44	3.36	3.29	3.3	3.22	3.15	3.08	3.47	3.38	3.30	3.25	3.22	3.13	3.05	2.96	2.88	2.79
Amps	18.3	16.9	15.9	14.9	14.4	14.1	13.3	12.7	12.1	11.6	11.1	10.8	10.7	10.1	9.5	8.9	8.3	7.5
COP	4.17	4.03	3.87	3.70	3.58	3.50	3.32	3.14	2.60	2.46	2.32	2.22	2.16	2.00	1.82	1.63	1.43	1.21
EER	14.2	13.8	13.2	12.6	12.2	12.0	11.4	10.7	8.9	8.4	7.9	7.6	7.4	6.8	6.2	5.6	4.9	4.1

ASZC160601B* / CAPF4961D6 / MBVC2000A — HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.0	67.2	63.3	59.2	56.5	54.7	50.9	46.9	44.6	41.2	37.9	35.8	34.5	30.9	27.4	23.9	20.4	16.7
ΔT	37.6	35.6	33.5	31.3	29.9	29.0	26.9	24.8	23.6	21.8	20.1	18.9	18.2	16.4	14.5	12.7	10.8	8.8
kW	4.67	4.58	4.49	4.40	4.3	4.30	4.22	4.12	4.62	4.51	4.41	4.34	4.30	4.19	4.08	3.98	3.87	3.76
Amps	22.9	21.2	19.9	18.7	18.0	17.7	16.6	15.8	15.1	14.4	13.7	13.4	13.2	12.6	11.7	11.0	10.2	9.2
COP	4.45	4.30	4.13	3.94	3.81	3.72	3.53	3.33	2.82	2.67	2.52	2.41	2.35	2.16	1.97	1.76	1.54	1.30
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.4

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power



ENERGY STAR-CERTIFIED COMBINATIONS [^]

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		
ASZC16 0241A*	CA*F3636*6D*+MBVC1600**-1A*+TXV		24,000	18,700	16.0	12.5	22,200	18,900	23,000	9.5	15,000	875	4392751
ASZC16 0361A*	CA*F3743*6D*+MBVC1600**-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.7	21,000	1,200	4415329
ASZC16 0481A*	CA*F4961*6D*+MBVC2000**-1A*+TXV		47,500	35,200	16.0	13.0	44,000	35,600	47,000	9.7	34,000	1,550	4888609
ASZC16 0601B*	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,000	41,000	16.0	12.5	53,000	41,500	56,500	9.1	35,800	1,600	4888610

[^] ENERGY STAR Notes

- 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.
- The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR requirements.

[^] 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 Goodman brand gas furnace contains the EEP cooling time delay.

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		
ASZC16 0241A*	AVPTC30C14A*		23,400	18,200	15.0	11.8	21,600	18,400	22,400	8.5	14,400	875	5933776
	AVPTC31C14A*		24,000	18,700	16.0	12.5	22,200	18,900	22,400	9.0	14,400	870	8996251
	CA*F3636*6D*+TXV	MBVC1200**-1A*+TXV	24,000	18,700	16.0	12.5	22,200	18,900	23,000	9.2	15,000	825	4392750
	CA*F3636*6D*+TXV	A*VC80603B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	880	6498503
	CA*F3636*6D*+TXV	A*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	820	6498504
	CA*F3636*6D*+TXV	A*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498505
	CA*F3636*6D*+TXV	A*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498506
	CA*F3636*6D*+TXV	ADVC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498507
	CA*F3636*6D*+TXV	ADVC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498508
	CA*F3636*6D*+TXV	G*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	820	6498509
	CA*F3636*6D*+TXV	G*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498510
	CA*F3636*6D*+TXV	G*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	23,000	9.0	15,000	810	6498511
	CA*F3636*6D*+TXV	G*VC960403BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364407
	CA*F3636*6D*+TXV	G*VC960603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364410
	CA*F3636*6D*+TXV	G*VC960803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364413
	CA*F3636*6D*+TXV	G*VM970603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364439
	CA*F3636*6D*+TXV	G*VM970803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364442
	CA*F3636*6D*+TXV	A*VC960403BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364465
	CA*F3636*6D*+TXV	A*VC960603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364468
	CA*F3636*6D*+TXV	A*VC960803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364471
	CA*F3636*6D*+TXV	A*VM970603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364497
	CA*F3636*6D*+TXV	A*VM970803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	800	7364500
	CA*F3636*6D*+TXV	G*EC960302BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368606
	CA*F3636*6D*+TXV	G*EC960402BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	850	7368611
	CA*F3636*6D*+TXV	G*EC960603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368616
	CA*F3636*6D*+TXV	G*EC960803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368621
	CA*F3636*6D*+TXV	A*EC960302BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368641
	CA*F3636*6D*+TXV	A*EC960402BNA*	23,000	17,900	15.5	12.0	21,200	18,100	24,000	9.0	15,000	850	7368646
	CA*F3636*6D*+TXV	A*EC960603BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368651
	CA*F3636*6D*+TXV	A*EC960803BNA*	23,000	17,900	15.5	12.0	21,200	18,100	23,600	9.0	15,000	800	7368656
	CA*F3642*6D*+TXV	MBVC1600**-1A*+TXV	24,000	18,700	16.0	12.5	22,200	18,900	24,000	9.2	15,000	860	3943871
	CA*F3642*6D*+TXV	G*VC80805C*B*	23,800	18,500	16.0	12.0	22,000	18,700	24,000	9.0	15,000	810	5188445
	CA*F3642*6D*+TXV	A*VC80603B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	880	5188459
	CA*F3642*6D*+TXV	A*VC80805C*B*	23,800	18,500	16.0	12.0	22,000	18,700	24,000	9.0	15,000	810	5188460
	CA*F3642*6D*+TXV	A*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	5188486
	CA*F3642*6D*+TXV	A*VC81005C*B*	23,800	18,500	16.0	12.0	22,000	18,700	24,000	9.0	15,000	810	5188487
	CA*F3642*6D*+TXV	G*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	5188495
	CA*F3642*6D*+TXV	G*VC81005C*B*	23,800	18,500	16.0	12.0	22,000	18,700	24,000	9.0	15,000	810	5188529
	CA*F3642*6D*+TXV	ADVC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	5188602
	CA*F3642*6D*+TXV	ADVC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	5188610
	CA*F3642*6D*+TXV	G*VC960403BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364408
	CA*F3642*6D*+TXV	G*VC960603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364411
	CA*F3642*6D*+TXV	G*VC960803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364414
	CA*F3642*6D*+TXV	G*VM970603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364440
	CA*F3642*6D*+TXV	G*VM970803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364443
	CA*F3642*6D*+TXV	A*VC960403BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364466
	CA*F3642*6D*+TXV	A*VC960603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364469
	CA*F3642*6D*+TXV	A*VC960803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364472
	CA*F3642*6D*+TXV	A*VM970603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364498
	CA*F3642*6D*+TXV	A*VM970803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364501
	CA*F3642*6D*+TXV	G*EC960302BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368607
CA*F3642*6D*+TXV	G*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368612	
CA*F3642*6D*+TXV	G*EC960603BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368617	

See Notes on Page 28.

AHRI RATINGS (CONT.)

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		
ASZC16 0241A* (cont.)	CA*F3642*6D*+TXV	G*EC960803BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368622
	CA*F3642*6D*+TXV	A*EC960302BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368642
	CA*F3642*6D*+TXV	A*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368647
	CA*F3642*6D*+TXV	A*EC960603BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368652
	CA*F3642*6D*+TXV	A*EC960803BNA*	23,600	18,400	15.5	12.0	21,800	18,600	23,600	9.0	15,000	800	7368657
	CA*F3743*6D*+TXV	G*EC960302BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368608
	CA*F3743*6D*+TXV	G*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368613
	CA*F3743*6D*+TXV	G*EC960603BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368618
	CA*F3743*6D*+TXV	G*EC960803BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368623
	CA*F3743*6D*+TXV	A*EC960302BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368643
	CA*F3743*6D*+TXV	A*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368648
	CA*F3743*6D*+TXV	A*EC960603BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368653
	CA*F3743*6D*+TXV	A*EC960803BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368658
	CHPF3636B6C*+MBVC1200**-1A*+TXV		24,000	18,700	16.0	12.5	22,200	18,900	23,000	9.2	15,000	850	3611042
	CHPF3636B6C*+TXV	G*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	5188456
	CHPF3636B6C*+TXV	A*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	5188541
	CHPF3636B6C*+TXV	G*EC960302BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368609
	CHPF3636B6C*+TXV	G*EC960402BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	850	7368614
	CHPF3636B6C*+TXV	G*EC960603BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368619
	CHPF3636B6C*+TXV	G*EC960803BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368624
	CHPF3636B6C*+TXV	A*EC960302BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368644
	CHPF3636B6C*+TXV	A*EC960402BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	850	7368649
	CHPF3636B6C*+TXV	A*EC960603BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368654
	CHPF3636B6C*+TXV	A*EC960803BNA*	23,000	17,900	15.0	11.5	21,200	18,100	23,000	9.0	13,000	800	7368659
	CHPF3642C6C*+MBVC1600**-1A*+TXV		24,000	18,700	16.0	12.5	22,200	18,900	24,000	9.2	15,000	860	3611043
	CHPF3642C6C*+TXV	A*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	6498521
	CHPF3642C6C*+TXV	A*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498522
	CHPF3642C6C*+TXV	A*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498523
	CHPF3642C6C*+TXV	G*VC80604B*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	820	6498524
	CHPF3642C6C*+TXV	G*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498525
	CHPF3642C6C*+TXV	G*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498526
	CHPF3642C6C*+TXV	G*VC960403BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364409
	CHPF3642C6C*+TXV	G*VC960603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364412
	CHPF3642C6C*+TXV	G*VC960803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364415
	CHPF3642C6C*+TXV	G*VM970603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364441
	CHPF3642C6C*+TXV	G*VM970803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364444
	CHPF3642C6C*+TXV	A*VC960403BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364467
	CHPF3642C6C*+TXV	A*VC960603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364470
	CHPF3642C6C*+TXV	A*VC960803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364473
	CHPF3642C6C*+TXV	A*VM970603BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364499
	CHPF3642C6C*+TXV	A*VM970803BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	800	7364502
	CHPF3642C6C*+TXV	G*EC960302BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368610
	CHPF3642C6C*+TXV	G*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368615
	CHPF3642C6C*+TXV	G*EC960603BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368620
	CHPF3642C6C*+TXV	G*EC960803BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368625
	CHPF3642C6C*+TXV	A*EC960302BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368645
	CHPF3642C6C*+TXV	A*EC960402BNA*	24,000	18,700	15.5	12.0	22,200	18,900	24,000	9.0	15,000	850	7368650
	CHPF3642C6C*+TXV	A*EC960603BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368655
	CHPF3642C6C*+TXV	A*EC960803BNA*	23,800	18,500	15.5	12.5	22,000	18,700	23,800	9.0	15,000	800	7368660
	CHPF3743C6B*+TXV	A*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498530
	CHPF3743C6B*+TXV	A*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498531
	CHPF3743C6B*+TXV	G*VC80805C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498532
	CHPF3743C6B*+TXV	G*VC81005C*B*	24,000	18,700	16.0	12.0	22,200	18,900	24,000	9.0	15,000	810	6498533
	CHPF3743D6B*+MBVC1600**-1A*+TXV		24,000	18,700	16.0	12.5	22,200	18,900	23,000	9.2	15,000	850	3611044

See Notes on Page 28.

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		
ASZC16 0361A*	AVPTC37D14A*		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.0	21,000	1,245	8996252
	AVPTC42D14A*		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	5933778
	AVPTC48D14A*		36,000	27,200	16.0	12.5	33,400	26,000	34,400	9.2	21,000	1,200	5933779
	CA*F3642*6D*+MBVC1600**-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	3881502
	CA*F3743*6D*+MBVC2000**-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	6498538
	CA*F3743*6D*+TXV	A*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188451
	CA*F3743*6D*+TXV	G*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188496
	CA*F3743*6D*+TXV	ADVC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,110	5188555
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,200	25,800	15.5	11.5	31,800	24,800	34,000	9.2	21,000	1,170	6498539
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,200	25,800	15.5	11.5	31,800	24,800	34,000	9.2	21,000	1,260	6498540
	CA*F3743*6D*+TXV	A*VC80805C*B*	34,200	25,800	15.0	12.0	31,800	24,800	34,000	9.2	20,400	1,080	6498541
	CA*F3743*6D*+TXV	ADVC80805C*B*	34,200	25,800	15.0	12.0	31,800	24,800	34,000	9.2	20,400	1,090	6498542
	CA*F3743*6D*+TXV	G*VC80604B*B*	34,200	25,800	15.5	11.5	31,800	24,800	34,000	9.2	21,000	1,260	6498543
	CA*F3743*6D*+TXV	G*VC80805C*B*	34,200	25,800	15.0	12.0	31,800	24,800	34,000	9.2	20,400	1,080	6498544
	CA*F3743*6D*+TXV	G*VC960403BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364416
	CA*F3743*6D*+TXV	G*VC960603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364419
	CA*F3743*6D*+TXV	G*VC960803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364422
	CA*F3743*6D*+TXV	G*VC960804CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364425
	CA*F3743*6D*+TXV	G*VC961005CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364428
	CA*F3743*6D*+TXV	G*VM970603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364445
	CA*F3743*6D*+TXV	G*VM970803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364448
	CA*F3743*6D*+TXV	G*VM970804CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364451
	CA*F3743*6D*+TXV	G*VM971005CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364454
	CA*F3743*6D*+TXV	A*VC960403BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364474
	CA*F3743*6D*+TXV	A*VC960603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364477
	CA*F3743*6D*+TXV	A*VC960803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364480
	CA*F3743*6D*+TXV	A*VC960804CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364483
	CA*F3743*6D*+TXV	A*VC961005CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364486
	CA*F3743*6D*+TXV	A*VM970603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364503
	CA*F3743*6D*+TXV	A*VM970803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364506
	CA*F3743*6D*+TXV	A*VM970804CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364509
	CA*F3743*6D*+TXV	A*VM971005CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,200	7364512
	CA*F3743*6D*+TXV	G*EC960603BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368626
	CA*F3743*6D*+TXV	G*EC960803BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368629
	CA*F3743*6D*+TXV	G*EC961004CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,250	7368632
	CA*F3743*6D*+TXV	A*EC960603BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368661
	CA*F3743*6D*+TXV	A*EC960803BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368664
	CA*F3743*6D*+TXV	A*EC961004CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,250	7368667
	CA*F4860*6D*+MBVC1600**-1A*+TXV		35,000	26,600	16.0	12.5	32,400	25,400	34,400	9.2	21,000	1,200	6498548
	CA*F4860*6D*+MBVC2000**-1A*+TXV		35,000	26,600	16.0	12.5	32,400	25,400	34,400	9.2	21,000	1,200	6498549
	CA*F4860*6D*+TXV	G*VC81005C*B*	35,000	26,600	15.0	12.0	32,400	25,400	34,000	9.2	20,400	1,080	5188446
	CA*F4860*6D*+TXV	A*VC81005C*B*	35,000	26,600	15.0	12.0	32,400	25,400	34,000	9.2	20,400	1,080	5188519
	CA*F4860*6D*+TXV	ADVC81005C*B*	35,000	26,600	15.0	12.0	32,400	25,400	34,000	9.2	20,400	1,110	5188622
	CA*F4860*6D*+TXV	A*VC80805C*B*	35,000	26,600	15.5	12.0	32,400	25,400	34,000	9.2	20,400	1,080	5731237
	CA*F4860*6D*+TXV	A*VC80603B*B*	34,600	26,200	15.5	12.0	32,200	25,000	34,000	9.2	21,000	1,170	6498550
	CA*F4860*6D*+TXV	A*VC80604B*B*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.2	21,000	1,260	6498551
	CA*F4860*6D*+TXV	ADVC80805C*B*	35,000	26,600	15.5	12.0	32,400	25,400	34,000	9.2	20,400	1,090	6498552
	CA*F4860*6D*+TXV	G*VC80604B*B*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.2	21,000	1,260	6498553
	CA*F4860*6D*+TXV	G*VC80805C*B*	35,000	26,600	15.5	12.0	32,400	25,400	34,000	9.2	20,400	1,080	6498554
	CA*F4860*6D*+TXV	G*VC960403BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364417
CA*F4860*6D*+TXV	G*VC960603BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364420	
CA*F4860*6D*+TXV	G*VC960803BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364423	
CA*F4860*6D*+TXV	G*VC960804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364426	

See Notes on Page 28.

AHRI RATINGS (CONT.)

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		
ASZC16 0361A* (cont.)	CA*F4860*6D*+TXV	G*VC961005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364429
	CA*F4860*6D*+TXV	G*VM970603BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364446
	CA*F4860*6D*+TXV	G*VM970803BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364449
	CA*F4860*6D*+TXV	G*VM970804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364452
	CA*F4860*6D*+TXV	G*VM971005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364455
	CA*F4860*6D*+TXV	A*VC960403BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364475
	CA*F4860*6D*+TXV	A*VC960603BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364478
	CA*F4860*6D*+TXV	A*VC960803BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364481
	CA*F4860*6D*+TXV	A*VC960804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364484
	CA*F4860*6D*+TXV	A*VC961005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364487
	CA*F4860*6D*+TXV	A*VM970603BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364504
	CA*F4860*6D*+TXV	A*VM970803BNA*	35,000	26,600	15.5	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7364507
	CA*F4860*6D*+TXV	A*VM970804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364510
	CA*F4860*6D*+TXV	A*VM971005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364513
	CA*F4860*6D*+TXV	G*EC960603BNA*	35,000	26,600	15.0	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7368627
	CA*F4860*6D*+TXV	G*EC960803BNA*	35,000	26,600	15.0	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7368630
	CA*F4860*6D*+TXV	G*EC961004CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,250	7368633
	CA*F4860*6D*+TXV	A*EC960603BNA*	35,000	26,600	15.0	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7368662
	CA*F4860*6D*+TXV	A*EC960803BNA*	35,000	26,600	15.0	11.5	32,400	25,400	34,000	9.0	21,000	1,150	7368665
	CA*F4860*6D*+TXV	A*EC961004CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,250	7368668
	CHPF3636B6C*+TXV	A*VC80604B*B*	34,000	25,800	14.5	12.0	31,600	24,600	34,000	8.5	20,000	1,220	5528462
	CHPF3642C6C*+MBVC1600*-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	6498567
	CHPF3642D6C*+MBVC2000*-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	6498568
	CHPF3743C6B*+MBVC1600*-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	3611052
	CHPF3743C6B*+TXV	A*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188488
	CHPF3743C6B*+TXV	G*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188497
	CHPF3743C6B*+TXV	A*VC80604B*B*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.2	21,000	1,260	6498574
	CHPF3743C6B*+TXV	A*VC80805C*B*	35,000	26,600	15.0	12.0	32,400	25,400	34,000	9.2	20,400	1,080	6498575
	CHPF3743C6B*+TXV	G*VC80604B*B*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.2	21,000	1,260	6498577
	CHPF3743C6B*+TXV	G*VC80805C*B*	35,000	26,600	15.0	12.0	32,400	25,400	34,000	9.2	20,400	1,080	6498578
	CHPF3743C6B*+TXV	G*VC960403BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364418
	CHPF3743C6B*+TXV	G*VC960603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364421
	CHPF3743C6B*+TXV	G*VC960803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364424
	CHPF3743C6B*+TXV	G*VM970603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364447
	CHPF3743C6B*+TXV	G*VM970803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364450
	CHPF3743C6B*+TXV	A*VC960403BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364476
	CHPF3743C6B*+TXV	A*VC960603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364479
	CHPF3743C6B*+TXV	A*VC960803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364482
	CHPF3743C6B*+TXV	A*VM970603BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364505
	CHPF3743C6B*+TXV	A*VM970803BNA*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7364508
	CHPF3743C6B*+TXV	G*EC960603BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368628
	CHPF3743C6B*+TXV	G*EC960803BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368631
	CHPF3743C6B*+TXV	A*EC960603BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368663
	CHPF3743C6B*+TXV	A*EC960803BNA*	34,600	26,200	15.0	11.5	32,200	25,000	34,000	9.0	21,000	1,150	7368666
	CHPF3743D6B*+MBVC2000*-1A*+TXV		34,600	26,200	16.0	12.5	32,200	25,000	34,400	9.2	21,000	1,200	3611053
	CHPF3743D6B*+TXV	G*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188498
	CHPF3743D6B*+TXV	A*VC81005C*B*	34,600	26,200	15.0	12.0	32,200	25,000	34,000	9.2	20,400	1,080	5188542
	CHPF3743D6B*+TXV	A*VC80604B*B*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.2	21,000	1,260	6498588
	CHPF3743D6B*+TXV	A*VC80805C*B*	34,200	25,800	15.5	12.0	31,800	24,800	34,000	9.2	20,400	1,080	6498589
	CHPF3743D6B*+TXV	G*VC80604B*B*	34,600	26,200	15.5	11.5	32,200	25,000	34,000	9.2	21,000	1,260	6498590
	CHPF3743D6B*+TXV	G*VC80805C*B*	34,200	25,800	15.5	12.0	31,800	24,800	34,000	9.2	20,400	1,080	6498591
	CHPF3743D6B*+TXV	G*EC961004CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,250	7368634
CHPF3743D6B*+TXV	A*EC961004CNA*	34,600	26,200	15.5	12.5	32,200	25,000	34,000	9.0	21,000	1,250	7368669	
CHPF4860D6D*+TXV	G*VC960804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364427	

See Notes on Page 28.

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		
ASZC16 0361A* (cont.)	CHPF4860D6D*+TXV	G*VC961005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364430
	CHPF4860D6D*+TXV	G*VM970804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364453
	CHPF4860D6D*+TXV	G*VM971005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364456
	CHPF4860D6D*+TXV	A*VC960804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364485
	CHPF4860D6D*+TXV	A*VC961005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364488
	CHPF4860D6D*+TXV	A*VM970804CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364511
	CHPF4860D6D*+TXV	A*VM971005CNA*	35,000	26,600	15.5	12.5	32,400	25,400	34,000	9.0	21,000	1,200	7364514
ASZC16 0481A*	AVPTC48D14A*		46,000	34,000	15.5	12.0	42,500	34,600	46,000	9.2	34,000	1,550	5933780
	AVPTC61D14A*		46,500	34,400	16.0	12.0	43,000	34,800	46,000	9.0	34,000	1,450	8996253
	CA*F4961*6D*+MBVC1600**-1A*+TXV		47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.2	34,000	1,550	6498607
	CA*F4961*6D*+TXV	A*VC81005C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,610	5188461
	CA*F4961*6D*+TXV	G*VC80805C*B*	47,000	34,800	15.5	12.0	43,500	35,200	46,000	9.2	30,000	1,510	5188465
	CA*F4961*6D*+TXV	G*VC81005C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,610	5188530
	CA*F4961*6D*+TXV	A*VC80805C*B*	47,000	34,800	15.5	12.0	43,500	35,200	46,000	9.2	30,000	1,510	5188546
	CA*F4961*6D*+TXV	ADV81005C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,620	5188590
	CA*F4961*6D*+TXV	ADV80805C*B*	47,000	34,800	15.5	12.0	43,500	35,200	46,000	9.2	30,000	1,500	5188623
	CA*F4961*6D*+TXV	G*VC960804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364431
	CA*F4961*6D*+TXV	G*VC961005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364433
	CA*F4961*6D*+TXV	G*VC961205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364435
	CA*F4961*6D*+TXV	G*VM970804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364457
	CA*F4961*6D*+TXV	G*VM971005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364459
	CA*F4961*6D*+TXV	G*VM971205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364461
	CA*F4961*6D*+TXV	A*VC960804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364489
	CA*F4961*6D*+TXV	A*VC961005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364491
	CA*F4961*6D*+TXV	A*VC961205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364493
	CA*F4961*6D*+TXV	A*VM970804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364515
	CA*F4961*6D*+TXV	A*VM971005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364517
	CA*F4961*6D*+TXV	A*VM971205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364519
	CA*F4961*6D*+TXV	G*EC961004CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7368635
	CA*F4961*6D*+TXV	G*EC961205DNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,520	7368637
	CA*F4961*6D*+TXV	A*EC961004CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7368670
	CA*F4961*6D*+TXV	A*EC961205DNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,520	7368672
	CAPT4961*4A*+MBVC2000**-1A*		47,000	34,800	15.5	13.0	43,500	35,200	46,500	9.0	29,400	1,600	8551201
	CHPF4860D6D*+MBVC2000**-1A*+TXV		47,500	35,200	16.0	12.5	44,000	35,600	47,000	9.2	34,000	1,550	3611059
	CHPF4860D6D*+TXV	A*VC81005C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,610	5188452
	CHPF4860D6D*+TXV	G*VC81005C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,610	5188466
	CHPF4860D6D*+TXV	G*VC80805C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,510	5188499
	CHPF4860D6D*+TXV	A*VC80805C*B*	47,500	35,200	15.5	12.0	44,000	35,600	46,000	9.2	30,000	1,510	5188520
	CHPF4860D6D*+TXV	G*VC960804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364432
	CHPF4860D6D*+TXV	G*VC961005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364434
	CHPF4860D6D*+TXV	G*VC961205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364436
	CHPF4860D6D*+TXV	G*VM970804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364458
	CHPF4860D6D*+TXV	G*VM971005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364460
	CHPF4860D6D*+TXV	G*VM971205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364462
	CHPF4860D6D*+TXV	A*VC960804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364490
	CHPF4860D6D*+TXV	A*VC961005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364492
	CHPF4860D6D*+TXV	A*VC961205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364494
	CHPF4860D6D*+TXV	A*VM970804CNA*	47,000	34,800	15.5	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364516
	CHPF4860D6D*+TXV	A*VM971005CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7364518
	CHPF4860D6D*+TXV	A*VM971205DNA*	47,000	34,800	16.0	12.5	43,500	35,200	47,000	9.0	32,000	1,600	7364520
	CHPF4860D6D*+TXV	G*EC961004CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7368636
CHPF4860D6D*+TXV	G*EC961205DNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,520	7368638	
CHPF4860D6D*+TXV	A*EC961004CNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,550	7368671	
CHPF4860D6D*+TXV	A*EC961205DNA*	47,000	34,800	15.0	12.0	43,500	35,200	47,000	9.0	32,000	1,520	7368673	

See Notes on Page 28.

AHRI RATINGS (CONT.)

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		
ASZC16 0601B*	AVPTC60D14A*		57,000	41,000	16.0	12.0	53,000	41,500	57,000	9.0	36,200	1,700	5933781
	AVPTC61D14A*		55,000	39,500	16.0	12.0	51,000	40,000	57,000	9.0	36,200	1,820	8996254
	CA*F4961*6D*+TXV	G*VC80805C*B*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.1	35,400	1,580	5188500
	CA*F4961*6D*+TXV	A*VC80805C*B*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.1	35,400	1,580	5188521
	CA*F4961*6D*+TXV	G*VC81005C*B*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.1	35,600	1,800	5188533
	CA*F4961*6D*+TXV	A*VC81005C*B*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.1	35,600	1,800	5188543
	CA*F4961*6D*+TXV	ADVC80805C*B*	54,500	39,000	15.0	12.0	50,500	40,000	56,000	9.1	35,400	1,580	5188603
	CA*F4961*6D*+TXV	ADVC81005C*B*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.1	35,600	1,820	5188641
	CA*F4961*6D*+TXV	G*VC961205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,600	7364437
	CA*F4961*6D*+TXV	G*VM971205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,600	7364463
	CA*F4961*6D*+TXV	A*VC961205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,600	7364495
	CA*F4961*6D*+TXV	A*VM971205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,600	7364521
	CA*F4961*6D*+TXV	G*EC961205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,520	7368639
	CA*F4961*6D*+TXV	A*EC961205DNA*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.0	35,000	1,520	7368674
	CHPF4860D6D*+MBVC2000*-1A*+TXV		56,000	40,500	16.0	12.7	52,000	41,000	55,500	9.2	35,200	1,600	4236586
	CHPF4860D6D*+TXV	G*VC81005C*B*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.1	35,400	1,800	5188467
	CHPF4860D6D*+TXV	G*VC80805C*B*	55,000	39,500	15.5	12.0	51,000	40,000	55,500	9.1	35,200	1,590	5188501
	CHPF4860D6D*+TXV	A*VC81005C*B*	55,500	40,000	15.5	12.0	51,500	40,500	56,000	9.1	35,400	1,800	5188507
	CHPF4860D6D*+TXV	A*VC80805C*B*	55,000	39,500	15.5	12.0	51,000	40,000	55,500	9.1	35,200	1,590	5188522
	CHPF4860D6D*+TXV	G*VC961205DNA*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.0	35,000	1,600	7364438
	CHPF4860D6D*+TXV	G*VM971205DNA*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.0	35,000	1,600	7364464
	CHPF4860D6D*+TXV	A*VC961205DNA*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.0	35,000	1,600	7364496
	CHPF4860D6D*+TXV	A*VM971205DNA*	55,000	39,500	15.5	12.0	51,000	40,000	56,000	9.0	35,000	1,600	7364522
CHPF4860D6D*+TXV	G*EC961205DNA*	55,000	39,500	15.0	12.0	51,000	40,000	56,000	9.0	35,000	1,520	7368640	
CHPF4860D6D*+TXV	A*EC961205DNA*	55,000	39,500	15.0	12.0	51,000	40,000	56,000	9.0	35,000	1,520	7368675	

[^] 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

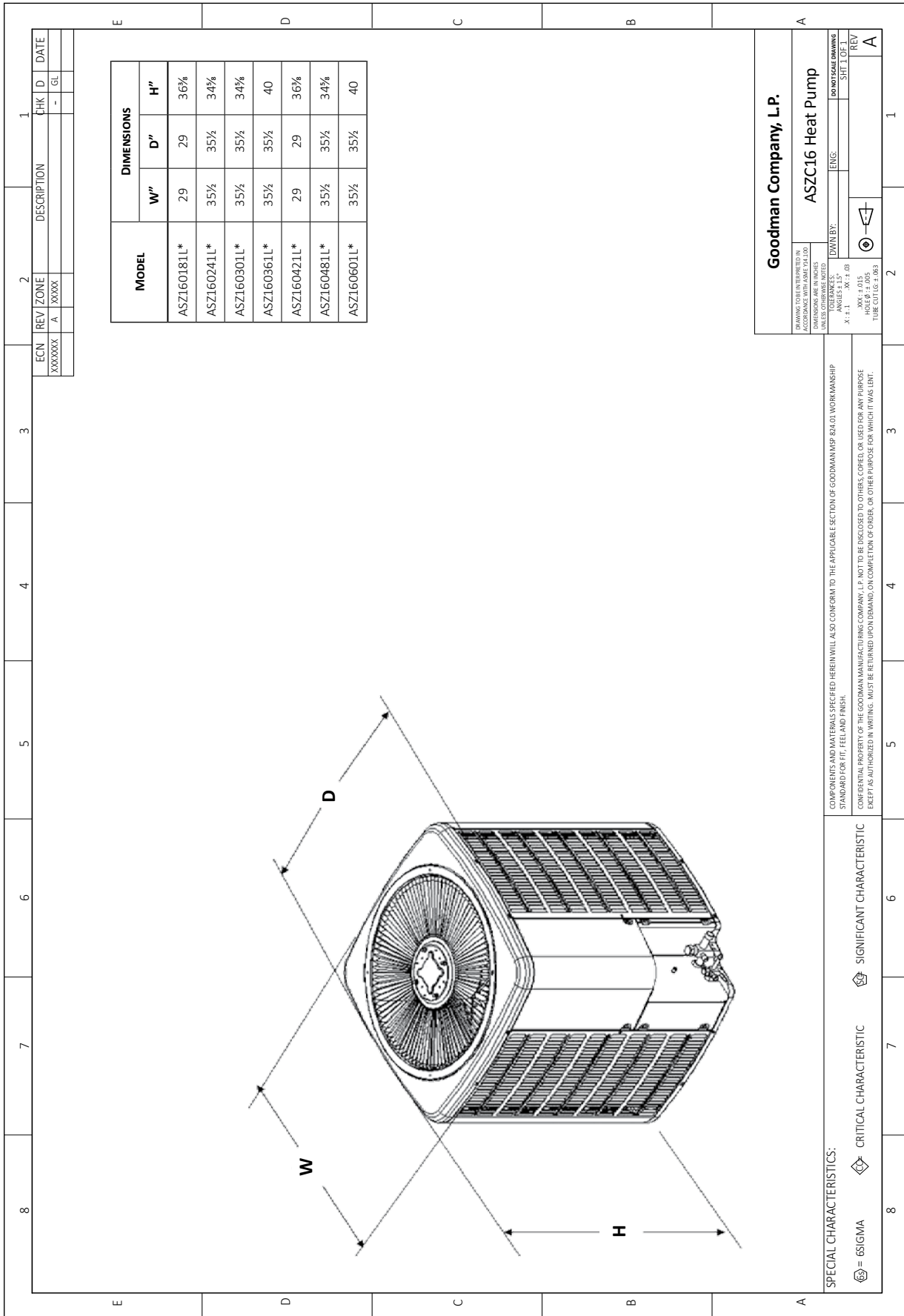
⁴ Rated heating capacity at 47°F outdoor per AHRI 210/240

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 Goodman Gas Furnace contains the EEP cooling time delay



MODEL	DIMENSIONS		
	W"	D"	H"
ASZ160181L*	29	29	36%
ASZ160241L*	35½	35½	34%
ASZ160301L*	35½	35½	34%
ASZ160361L*	35½	35½	40
ASZ160421L*	29	29	36%
ASZ160481L*	35½	35½	34%
ASZ160601L*	35½	35½	40

ECN	REV	ZONE	DESCRIPTION	CHK	D	DATE
XXXXXX	A	XXXXX		-	GL	

Goodman Company, L.P.

ASZC16 Heat Pump

DRAWN BY: _____ ENG: _____

DATE: _____

SCALE: _____

REV: _____

SHEET: _____ OF _____

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 88A.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

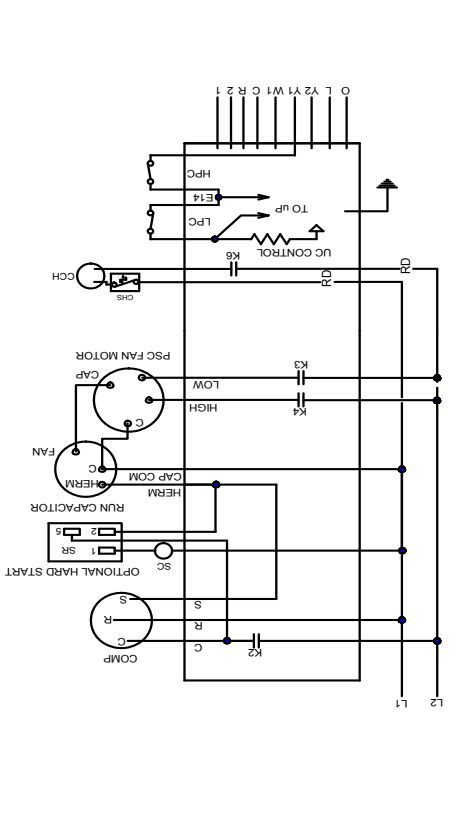
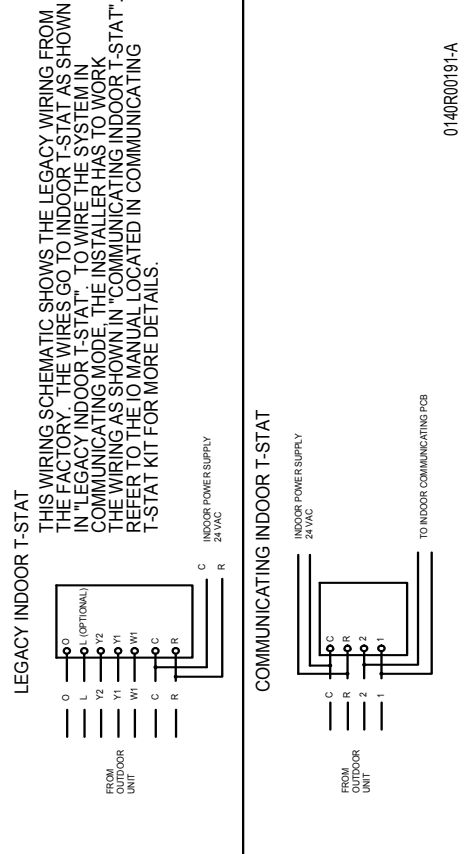
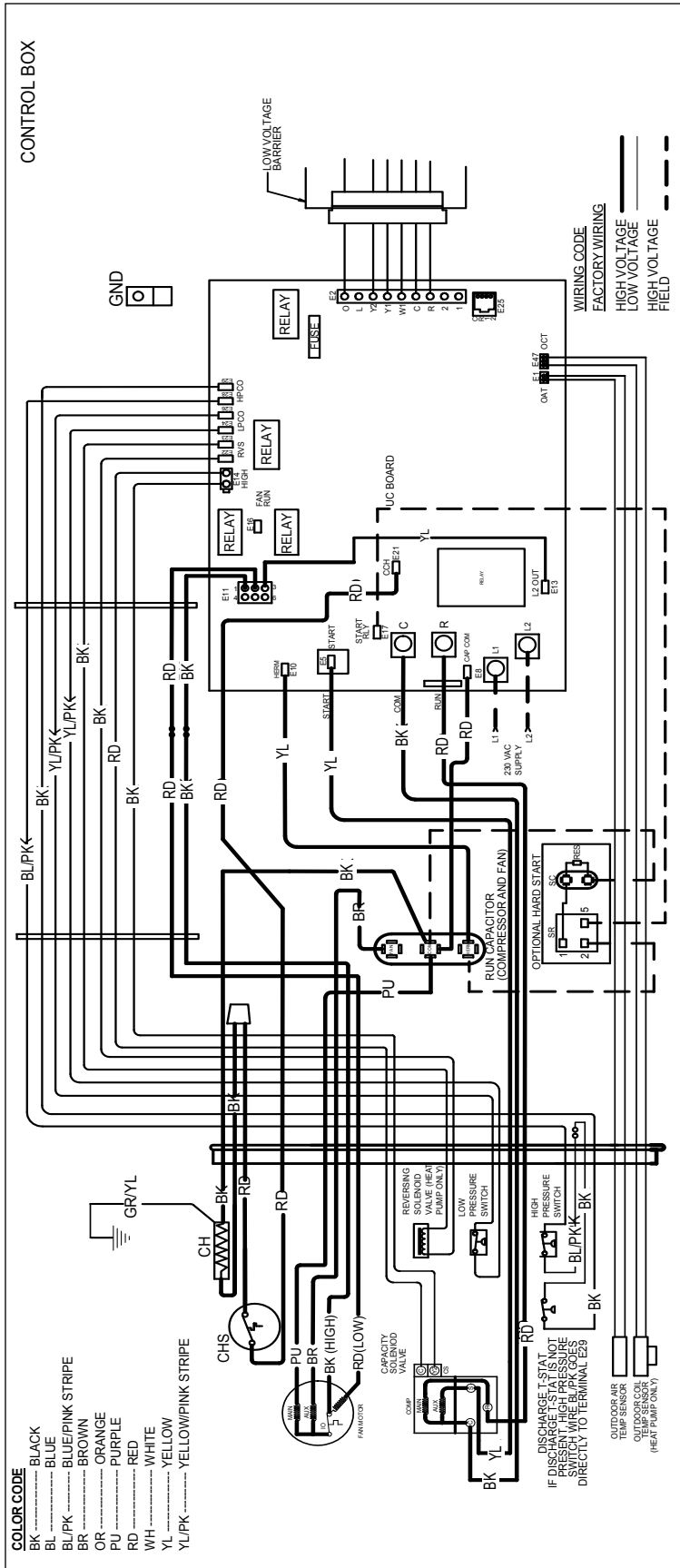
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SPECIAL CHARACTERISTICS:

⊕ = 65 SIGMA

⊕ = CRITICAL CHARACTERISTIC

⊕ = SIGNIFICANT CHARACTERISTIC



WARNING

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



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

MODEL	DESCRIPTION	ASZC16 024**	ASZC16 036**	ASZC16 048**	ASZC16 060**
ABK-20	Anchor Bracket Kit ⁰	X	X	X	X
B1141643 ¹	24V Transformer	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	
CSR-U-2	Hard-start Kit				X
CSR-U-3	Hard-start Kit				X
FSK01A ²	Freeze Protection Kit	X	X	X	X
OT18-60A ³	Outdoor Thermostat/Lockout Thermostat	X	X	X	X
TX2N4 ⁴	TXV Kit				
TX2N4A ⁴	TXV Kit	X			
TX3N4 ⁴	TXV Kit		X		
TX5N4 ⁴	TXV Kit			X	X

⁰ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Available in 24V legacy mode only. This feature is integrated in the communicating mode.

² Installed on indoor coil

³ Available in 24V legacy mode only. This feature is integrated in the communicating mode. Required for heat pump applications where ambient temperature falls 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 or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

Lined area for notes