

PRODUCT SPECIFICATIONS



14 SEER
R-410A

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

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



Online registration is required within 60 days of installation.



ASZ14 SPLIT SYSTEM HEAT PUMP

The Amana® brand ASZ14 Heat Pump uses the environmentally friendly refrigerant R-410A and features operating sound levels that are among the best in the heating and cooling industry. R-410A is chlorine-free to help prevent damage to the ozone layer. With its 14 SEER rating, the ASZ14 will reduce energy consumption throughout the life of the system compared to US federal minimum efficiency standards for 13-SEER products.

Standard Features

- R-410A environmentally friendly refrigerant
- High-efficiency Copeland® scroll compressor
- High-density foam compressor sound blanket
- Copeland® ComfortAlert diagnostics
- High- and low-pressure switches
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid-line filter dryer
- Liquid refrigerant return protection
- Two-speed condenser fan motor
- Copper tube/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- ARI Certified; ETL Listed

Cabinet Features

- Unique Amana® brand sound control top design
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder-paint finish
- Rust-resistant screws
- Compact footprint
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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NOMENCLATURE

	A	S	Z	14	036	1	AA
	1	2	3	4,5	6,7,8	9	10,11
Brand	A Amana® Brand						Engineering * Major/ Minor Revisions * Neither revision is used for order entry or inventory management.
Product Category	S Split System						
Unit Type	C Condenser R-22 X Condenser R-410A H Heat Pump R-22 Z Heat Pump R-410A						Electrical 1 208/230 V, 1 Phase, 60 Hz 2 220/240 V, 1 Phase, 50 Hz 3 208/230 V, 3 Phase, 60 Hz 4 460 V, 3 Phase, 60 Hz 5 380/415 V, 3 Phase, 50 Hz
Efficiency	13 13 SEER 14 14 SEER 16 16 SEER 18 18 SEER						Nominal Capacity 018 1½ Tons 048 4 Tons 024 2 Tons 060 5 Tons 030 2½ Tons 090 7½ tons 036 3 Tons 120 10 Tons 042 3½ Tons

Important EnergyStar Notice: 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 EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

	ASZ14 0181A	ASZ14 0241A	ASZ14 0301A	ASZ14 0361A	ASZ14 0421A	ASZ14 0481A	ASZ14 0601A
Capacities and Ratings							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Nominal Heating (BTU/h)	18,000	24,000	28,000	36,000	42,000	46,600	59,000
Decibels	70	72	72	73	73	74	75
Compressor							
RLA	9.0	12.8	14.1	16.7	17.9	19.9	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
Condenser Fan Motor							
Horsepower	1/12	1/6	1/6	¼	¼	¼	¼
FLA	0.6	0.9	1.10	1.5	1.5	1.5	1.5
LRA	1.0	1.5	1.9	3.1	3.1	3.1	3.1
Refrigeration System							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Suction Line Size ("O.D.)	¾"	¾"	¾"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Suction Valve Size ("O.D.)	¾"	¾"	¾"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	150.0	170.0	195.0	220.0	220.0	280.0	285.0
Electrical Data							
Volts / Hz / Phase	208/230-60-1			208/230-60-1			
Minimum Circuit Ampacity ²	11.8	16.9	18.7	22.4	23.9	26.4	34.5
Max. Overcurrent Protection ³	20	30	30	30	40	40	60
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
Low Voltage	½"	½"	½"	½"	½"	½"	½"
Ship Weight (lbs)	199	207	219	242	242	266	280

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

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

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

Notes

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

EXPANDED COOLING DATA — MODEL: ASZ140181A* / CA*F3131*6A* +TXV / MBR800** -1

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
	S/T	0.74	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	1.17	1.19	1.23	-	1.25	1.28	1.32	-	1.33	1.36	1.40	-	1.40	1.43	1.47	-	1.45	1.48	1.53	-	1.50	1.53	1.58	-
	Amps	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-
	Hi PR	213	229	242	-	239	257	271	-	271	292	308	-	309	333	351	-	348	374	395	-	384	413	436	-
	Lo PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-
	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
	S/T	0.70	0.59	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	1.16	1.18	1.22	-	1.24	1.27	1.31	-	1.32	1.35	1.39	-	1.38	1.41	1.46	-	1.44	1.47	1.52	-	1.49	1.52	1.57	-	
Amps	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.2	5.3	5.5	-	5.5	5.7	5.9	-	5.9	6.0	6.2	-	
Hi PR	210	227	239	-	236	254	268	-	269	289	305	-	306	329	348	-	344	370	391	-	380	409	432	-	
Lo PR	105	112	122	-	111	119	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	
MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-	
S/T	0.68	0.57	0.39	-	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	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
kW	1.13	1.15	1.19	-	1.21	1.24	1.28	-	1.29	1.31	1.35	-	1.35	1.38	1.42	-	1.41	1.44	1.48	-	1.45	1.48	1.53	-	
Amps	4.1	4.2	4.3	-	4.4	4.5	4.6	-	4.7	4.9	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	
Hi PR	204	220	232	-	229	247	260	-	261	280	296	-	297	319	337	-	334	359	379	-	369	397	419	-	
Lo PR	102	109	119	-	108	115	126	-	112	119	130	-	118	126	137	-	124	132	144	-	128	136	149	-	

75	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	1.18	1.20	1.24	1.27	1.26	1.29	1.33	1.37	1.34	1.37	1.41	1.46	1.41	1.44	1.48	1.53	1.46	1.50	1.54	1.59	1.51	1.55	1.60	1.65
	Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5
	Hi PR	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460
	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
	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
	S/T	0.80	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	21	20	16	11	20	18	15	10
kW	1.17	1.19	1.23	1.26	1.25	1.28	1.32	1.36	1.33	1.36	1.40	1.44	1.40	1.43	1.47	1.52	1.45	1.48	1.53	1.58	1.50	1.53	1.58	1.64	
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	
Hi PR	213	229	242	262	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	413	437	455	
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	
MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7	
S/T	0.77	0.69	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	1.14	1.16	1.20	1.24	1.22	1.25	1.29	1.33	1.30	1.32	1.37	1.41	1.36	1.39	1.44	1.48	1.42	1.45	1.49	1.54	1.47	1.50	1.54	1.60	
Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.6	5.4	5.6	5.7	6.0	5.7	5.9	6.1	6.3	
Hi PR	206	222	234	244	231	249	263	274	263	283	299	312	300	323	341	355	337	363	383	400	373	401	423	442	
Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	155	129	137	150	160	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140181A* / CA*F3131*6A* +TXV / MBR800** -1 (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
80	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
	ST	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.75	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	21	19	15	20	21	18	14
	kW	1.19	1.21	1.25	1.28	1.27	1.30	1.34	1.38	1.35	1.38	1.42	1.47	1.42	1.45	1.50	1.54	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66
	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	5.3	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6
	Hi PR	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465
	Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
	ST	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	1.18	1.20	1.24	1.27	1.26	1.29	1.33	1.37	1.34	1.37	1.41	1.46	1.41	1.44	1.48	1.53	1.46	1.50	1.54	1.59	1.51	1.55	1.60	1.65	
Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	5.0	5.1	5.3	5.4	5.3	5.4	5.6	5.8	5.6	5.8	6.0	6.2	6.0	6.1	6.3	6.5	
Hi PR	215	231	244	255	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	418	441	460	
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	
MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6	
ST	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	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15	
kW	1.15	1.17	1.21	1.24	1.23	1.26	1.30	1.34	1.31	1.34	1.38	1.42	1.37	1.40	1.45	1.49	1.43	1.46	1.51	1.56	1.48	1.51	1.56	1.61	
Amps	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.4	
Hi PR	208	224	237	247	234	252	266	277	266	286	302	315	303	326	344	359	341	367	387	404	376	405	428	446	
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	

85	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
	ST	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	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	23	20	21	21	21	18
	kW	1.19	1.22	1.26	1.29	1.28	1.31	1.35	1.39	1.36	1.39	1.43	1.48	1.43	1.46	1.51	1.56	1.49	1.52	1.57	1.62	1.54	1.57	1.62	1.68
	Amps	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	6.7
	Hi PR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	386	407	425	396	426	450	469
	Lo PR	110	117	127	136	116	123	135	143	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
	ST	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	25	24	21	24	25	24	21	23	23	22	19
kW	1.19	1.21	1.25	1.28	1.27	1.30	1.34	1.38	1.35	1.38	1.42	1.47	1.42	1.45	1.50	1.54	1.48	1.51	1.56	1.61	1.53	1.56	1.61	1.66	
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	5.3	5.5	5.7	5.9	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	
Hi PR	217	233	247	257	243	262	277	288	277	298	315	328	315	339	358	374	355	382	403	420	392	422	445	465	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5	
ST	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	24	21	26	26	24	21	24	24	23	20	
kW	1.16	1.18	1.22	1.25	1.24	1.27	1.31	1.35	1.32	1.35	1.39	1.43	1.38	1.41	1.46	1.51	1.44	1.47	1.52	1.57	1.49	1.52	1.57	1.62	
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.3	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	
Hi PR	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	362	344	370	391	408	380	409	432	451	
Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140241A* / CA*F3636*6A*+TXV / MBR800** -1

IDB*	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	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	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
	kW	1.65	1.68	1.73	-	1.77	1.80	1.86	-	1.87	1.91	1.97	-	1.97	2.01	2.07	-	2.04	2.09	2.15	-	2.11	2.16	2.22	-
	Amps	10.1	10.2	10.4	-	10.5	10.7	10.9	-	11.0	11.2	11.4	-	11.5	11.7	11.9	-	12.0	12.2	12.4	-	12.4	12.6	12.9	-
	Hi PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	412	-	401	432	456	-
	Lo PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	147	-	133	142	155	-	138	146	160	-
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
kW	1.64	1.67	1.72	-	1.75	1.79	1.84	-	1.86	1.90	1.95	-	1.95	1.99	2.05	-	2.03	2.07	2.14	-	2.09	2.14	2.21	-	
Amps	10.0	10.1	10.3	-	10.5	10.6	10.8	-	11.0	11.1	11.4	-	11.4	11.6	11.9	-	11.9	12.1	12.3	-	12.3	12.5	12.8	-	
Hi PR	220	236	250	-	247	265	280	-	280	302	319	-	319	344	363	-	359	387	408	-	397	427	451	-	
Lo PR	109	116	127	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-	
MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	
S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
kW	1.60	1.63	1.68	-	1.72	1.75	1.80	-	1.82	1.85	1.91	-	1.90	1.94	2.00	-	1.98	2.02	2.08	-	2.04	2.09	2.15	-	
Amps	9.8	10.0	10.2	-	10.3	10.4	10.6	-	10.8	11.0	11.2	-	11.2	11.4	11.7	-	11.7	11.9	12.1	-	12.1	12.3	12.6	-	
Hi PR	213	229	242	-	239	257	272	-	272	293	309	-	310	333	352	-	349	375	396	-	385	414	438	-	
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	

75	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	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	20	18	15	10	19	17	14	10
	kW	1.66	1.70	1.75	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.15	2.06	2.10	2.17	2.24	2.13	2.17	2.24	2.32
	Amps	10.1	10.2	10.4	10.7	10.6	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.8	12.0	12.3	12.0	12.2	12.5	12.8	12.5	12.7	13.0	13.3
	Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480
	Lo PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.63	0.41
	ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
kW	1.65	1.68	1.73	1.78	1.77	1.80	1.86	1.92	1.87	1.91	1.97	2.03	1.97	2.01	2.07	2.13	2.04	2.09	2.15	2.22	2.11	2.16	2.22	2.30	
Amps	10.1	10.2	10.4	10.6	10.5	10.7	10.9	11.1	11.0	11.2	11.4	11.7	11.5	11.7	11.9	12.2	12.0	12.2	12.4	12.7	12.4	12.6	12.9	13.2	
Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	
Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0	
S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
kW	1.61	1.64	1.69	1.74	1.73	1.76	1.82	1.87	1.83	1.87	1.92	1.98	1.92	1.96	2.02	2.08	2.00	2.04	2.10	2.17	2.06	2.10	2.17	2.24	
Amps	9.9	10.0	10.2	10.4	10.3	10.5	10.7	10.9	10.9	11.0	11.2	11.5	11.3	11.5	11.7	12.0	11.8	11.9	12.2	12.5	12.2	12.4	12.7	13.0	
Hi PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140241A* / CA*F3636*6A*+TXV / MBR800** -1 (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
80	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
	ΔT	22	21	18	15	23	21	19	15	22	21	19	15	22	21	19	15	21	21	18	15	19	20	17	14
	kW	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.00	2.06	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33
	Amps	10.2	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.2	11.3	11.6	11.8	11.6	11.8	12.1	12.4	12.3	12.6	12.9	12.6	12.8	13.1	13.4	
	Hi PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485
	Lo PR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174
	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.79	0.59
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
kW	1.66	1.70	1.75	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.15	2.06	2.10	2.17	2.24	2.13	2.17	2.24	2.32	
Amps	10.1	10.2	10.4	10.7	10.6	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.8	12.0	12.3	12.3	12.2	12.5	12.8	12.5	12.7	13.0	13.3	
Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480	
Lo PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172	
MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	
S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15	
kW	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26	
Amps	9.9	10.1	10.3	10.5	10.4	10.5	10.7	11.0	10.9	11.1	11.3	11.6	11.4	11.5	11.8	12.1	11.8	12.0	12.3	12.6	12.3	12.5	12.7	13.1	
Hi PR	217	234	247	258	244	263	277	289	278	299	315	329	316	340	359	375	356	383	404	422	393	423	447	466	
Lo PR	108	115	125	133	114	121	132	141	118	126	138	146	124	132	144	154	130	139	151	161	135	143	157	167	

85	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	21	22	19	19	20	20	18
	kW	1.69	1.72	1.77	1.83	1.81	1.85	1.90	1.96	1.92	1.96	2.02	2.08	2.01	2.05	2.12	2.19	2.09	2.14	2.21	2.28	2.16	2.21	2.28	2.35
	Amps	10.2	10.3	10.5	10.8	10.7	10.8	11.1	11.3	11.2	11.4	11.6	11.9	11.7	11.9	12.1	12.4	12.2	12.4	12.6	13.0	12.7	12.9	13.1	13.5
	Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	332	358	378	394	374	402	425	443	413	445	470	490
	Lo PR	113	121	132	140	120	127	139	148	125	132	145	154	131	139	152	162	137	146	159	170	142	151	165	175
	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	18
kW	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.00	2.06	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33	
Amps	10.2	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.2	11.3	11.6	11.8	11.6	11.8	12.1	12.4	12.1	12.3	12.6	12.9	12.6	12.8	13.1	13.4	
Hi PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485	
Lo PR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	
MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
ΔT	ΔT	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19	
kW	1.64	1.67	1.72	1.77	1.75	1.79	1.84	1.90	1.86	1.90	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.13	2.20	2.09	2.14	2.21	2.28	
Amps	10.0	10.1	10.3	10.5	10.5	10.6	10.8	11.0	11.0	11.1	11.4	11.6	11.4	11.6	11.9	12.1	11.9	12.1	12.3	12.6	12.3	12.5	12.8	13.1	
Hi PR	220	236	250	260	246	265	280	292	280	302	319	332	319	344	363	378	359	387	408	426	397	427	451	470	
Lo PR	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140301A* / CA*F3642*6A*+TXV / MBR1600** -1

IDB*	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	28.2	29.3	32.0	-	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
	S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-
	ΔT	17	15	11	-	17	15	11	-	18	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	1.99	2.03	2.09	-	2.13	2.18	2.24	-	2.26	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.51	2.59	-	2.54	2.59	2.67	-
	Amps	2.3	2.5	2.7	-	2.9	3.0	3.3	-	3.5	3.7	4.0	-	4.1	4.3	4.6	-	4.6	4.8	5.1	-	5.1	5.4	5.7	-
	Hi PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-
	Lo PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-
	MBh	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.7	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
kW	1.98	2.02	2.08	-	2.12	2.16	2.22	-	2.24	2.29	2.36	-	2.35	2.40	2.47	-	2.44	2.49	2.57	-	2.52	2.57	2.65	-	
Amps	2.3	2.4	2.6	-	2.8	3.0	3.2	-	3.4	3.6	3.9	-	4.0	4.2	4.5	-	4.5	4.7	5.1	-	5.1	5.3	5.6	-	
Hi PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-	
Lo PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	
MBh	25.3	26.2	28.7	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.5	24.4	26.7	-	22.3	23.2	25.4	-	20.7	21.5	23.5	-	
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	-	
ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
kW	1.94	1.97	2.03	-	2.07	2.11	2.17	-	2.19	2.23	2.30	-	2.30	2.34	2.41	-	2.38	2.43	2.51	-	2.46	2.51	2.59	-	
Amps	2.1	2.2	2.4	-	2.6	2.8	3.0	-	3.2	3.4	3.7	-	3.7	3.9	4.2	-	4.3	4.5	4.8	-	4.8	5.0	5.3	-	
Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-	
Lo PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	

75	MBh	28.7	29.5	32.0	34.3	28.0	28.9	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1
	S/T	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.69	0.45
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	18	17	14	10
	kW	2.01	2.05	2.11	2.17	2.15	2.19	2.26	2.33	2.28	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.70	2.78
	Amps	2.4	2.5	2.8	3.0	2.9	3.1	3.4	3.7	3.6	3.8	4.0	4.4	4.1	4.3	4.6	5.0	4.7	4.9	5.2	5.6	5.2	5.5	5.8	6.2
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175
	MBh	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
kW	1.99	2.03	2.09	2.15	2.14	2.18	2.24	2.31	2.26	2.30	2.37	2.45	2.37	2.42	2.49	2.57	2.46	2.51	2.59	2.67	2.54	2.59	2.67	2.76	
Amps	2.3	2.5	2.7	3.0	2.9	3.0	3.3	3.6	3.5	3.7	4.0	4.3	4.1	4.3	4.6	4.9	4.6	4.8	5.1	5.5	5.1	5.4	5.7	6.1	
Hi PR	221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472	
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	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2	
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	
ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	
kW	1.95	1.99	2.05	2.11	2.09	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.31	2.36	2.43	2.51	2.40	2.45	2.53	2.61	2.48	2.53	2.61	2.69	
Amps	2.1	2.3	2.5	2.8	2.7	2.8	3.1	3.4	3.3	3.5	3.7	4.0	3.8	4.0	4.3	4.6	4.4	4.6	4.9	5.2	4.9	5.1	5.4	5.8	
Hi PR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	376	398	415	387	416	439	458	
Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140301A* / CA*F3642*6A*+TXV / MBR1600** -1 (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
80	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
	S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64
	ΔT	23	21	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14
	kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.29	2.34	2.41	2.49	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.80
	Amps	2.4	2.6	2.8	3.1	3.0	3.2	3.4	3.7	3.7	3.9	4.1	4.5	4.2	4.4	4.7	5.1	4.8	5.0	5.3	5.7	5.3	5.6	5.9	6.3
	Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
	Lo PR	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	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1
	S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
	ΔT	23	22	19	15	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	16	20	21	18	15
kW	2.01	2.05	2.11	2.17	2.15	2.19	2.26	2.33	2.28	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.70	2.78	
Amps	2.4	2.5	2.8	3.0	2.9	3.1	3.4	3.7	3.6	3.8	4.0	4.4	4.1	4.3	4.6	5.0	4.7	4.9	5.2	5.6	5.2	5.5	5.8	6.2	
Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477	
Lo PR	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	26.2	26.7	28.6	30.5	25.6	26.1	27.9	29.8	25.0	25.5	27.2	29.1	24.3	24.9	26.6	28.4	23.1	23.6	25.3	27.0	21.4	21.9	23.4	25.0	
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	0.99	0.93	0.75	0.56	1.03	0.96	0.78	0.59	1.04	0.97	0.79	0.59	
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
kW	1.97	2.00	2.06	2.12	2.10	2.14	2.21	2.27	2.22	2.27	2.34	2.41	2.33	2.38	2.45	2.53	2.42	2.47	2.55	2.63	2.50	2.55	2.63	2.72	
Amps	2.2	2.4	2.6	2.8	2.7	2.9	3.2	3.4	3.4	3.5	3.8	4.1	3.9	4.1	4.4	4.7	4.4	4.7	5.0	5.3	5.0	5.2	5.5	5.9	
Hi PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	363	380	402	419	390	420	444	463	
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	

85	MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7
	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	1.00	0.83	1.00	1.00	1.00	0.83
	ΔT	23	23	22	19	23	23	22	19	22	22	22	19	22	22	23	20	20	21	22	19	19	19	20	18
	kW	2.04	2.08	2.14	2.20	2.18	2.23	2.29	2.36	2.31	2.36	2.43	2.50	2.42	2.47	2.55	2.63	2.52	2.57	2.65	2.74	2.60	2.66	2.74	2.83
	Amps	2.5	2.7	2.9	3.2	3.1	3.3	3.5	3.8	3.7	3.9	4.2	4.5	4.3	4.5	4.8	5.2	4.9	5.1	5.4	5.8	5.4	5.7	6.0	6.4
	Hi PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487
	Lo PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178
	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9
	S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.88	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	1.00	0.98	0.80
	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19
kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.29	2.34	2.41	2.49	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.80	
Amps	2.4	2.6	2.8	3.1	3.0	3.2	3.4	3.7	3.7	3.9	4.1	4.5	4.2	4.4	4.7	5.1	4.8	5.0	5.3	5.7	5.3	5.6	5.9	6.3	
Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482	
Lo PR	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	26.6	27.1	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.4	28.2	23.5	24.0	25.1	26.8	21.8	22.2	23.3	24.8	
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	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77	
ΔT	25	25	23	20	25	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
kW	1.98	2.02	2.08	2.14	2.12	2.16	2.22	2.29	2.24	2.29	2.35	2.43	2.35	2.40	2.47	2.55	2.44	2.49	2.57	2.65	2.52	2.57	2.65	2.74	
Amps	2.3	2.4	2.6	2.9	2.8	3.0	3.2	3.5	3.4	3.6	3.9	4.2	4.0	4.2	4.5	4.8	4.5	4.7	5.0	5.4	5.1	5.3	5.6	6.0	
Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423	394	424	448	467	
Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140361A* / CA*F4860*6A*+TXV / MBR1600** -1

IDB*	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	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	0.72	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	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
	kW	2.34	2.39	2.46	-	2.51	2.56	2.64	-	2.66	2.72	2.80	-	2.79	2.85	2.94	-	2.90	2.96	3.06	-	3.00	3.06	3.16	-
	Amps	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.1	10.3	10.6	-	10.7	11.0	11.3	-	11.4	11.7	12.0	-	12.0	12.3	12.7	-
	Hi PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	395	425	448	-
	Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-
	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	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
919	kW	2.33	2.37	2.44	-	2.49	2.54	2.62	-	2.64	2.69	2.78	-	2.77	2.83	2.92	-	2.88	2.94	3.03	-	2.98	3.04	3.14	-
	Amps	8.6	8.8	9.0	-	9.2	9.4	9.7	-	10.0	10.2	10.5	-	10.6	10.9	11.2	-	11.3	11.6	11.9	-	11.9	12.2	12.6	-
	Hi PR	216	233	246	-	243	261	276	-	276	297	314	-	314	338	357	-	354	380	402	-	391	420	444	-
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-
	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	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	20	18	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
	kW	2.28	2.32	2.39	-	2.44	2.49	2.56	-	2.58	2.63	2.71	-	2.71	2.76	2.85	-	2.81	2.87	2.96	-	2.90	2.97	3.06	-
	Amps	8.4	8.5	8.8	-	9.0	9.2	9.5	-	9.7	9.9	10.3	-	10.4	10.6	10.9	-	11.0	11.2	11.6	-	11.6	11.9	12.3	-
	Hi PR	210	226	238	-	235	253	267	-	268	288	304	-	305	328	346	-	343	369	390	-	379	408	431	-
Lo PR	101	107	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-	

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	0.82	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
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	2.36	2.41	2.48	2.55	2.53	2.58	2.66	2.74	2.68	2.74	2.82	2.91	2.81	2.87	2.96	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.19	3.29
	Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.8	11.5	11.8	12.1	12.6	12.1	12.4	12.8	13.3
	Hi PR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472
	Lo PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164
	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	0.78	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
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
919	kW	2.34	2.39	2.46	2.54	2.51	2.56	2.64	2.72	2.66	2.72	2.80	2.89	2.79	2.85	2.94	3.03	2.90	2.97	3.06	3.16	3.00	3.06	3.16	3.26
	Amps	8.7	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	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	12.7	13.2
	Hi PR	218	235	248	259	245	264	279	290	279	300	317	330	317	342	361	376	357	384	406	423	395	425	448	468
	Lo PR	105	112	122	130	111	118	129	137	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	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	0.76	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
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
	kW	2.29	2.34	2.41	2.48	2.46	2.51	2.58	2.66	2.60	2.65	2.73	2.82	2.73	2.78	2.87	2.96	2.84	2.89	2.98	3.08	2.93	2.99	3.08	3.18
	Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.0	10.4	10.7	10.5	10.7	11.0	11.4	11.1	11.3	11.7	12.1	11.7	12.0	12.4	12.8
	Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	373	394	411	383	412	435	454
Lo PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140361A* / CA*F4860*6A*+TXV / MBR1600** -1(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
1181	MBh	35.09	35.86	38.31	40.95	34.28	35.03	37.42	40.00	33.46	34.19	36.53	39.05	32.64	33.36	35.64	38.10	31.01	31.69	33.86	36.19	28.73	29.35	31.36	33.53
	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	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15
	kW	2.38	2.43	2.50	2.57	2.55	2.60	2.68	2.77	2.70	2.76	2.84	2.93	2.84	2.90	2.99	3.08	2.95	3.01	3.11	3.21	3.05	3.11	3.21	3.32
	Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.3	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.7	12.3	12.5	13.0	13.4
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	457	477
	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	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	0.86	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	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16
80	kW	2.36	2.41	2.48	2.56	2.53	2.58	2.66	2.74	2.68	2.74	2.82	2.91	2.81	2.87	2.96	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.19	3.29
	Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.4	12.8	13.3
	Hi PR	221	237	251	261	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472
	Lo PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164
	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	0.83	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	0.89	0.72	0.54	0.95	0.89	0.73	0.54
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	23	20	16
	kW	2.31	2.36	2.42	2.50	2.47	2.52	2.60	2.68	2.62	2.67	2.76	2.84	2.75	2.81	2.89	2.98	2.86	2.92	3.01	3.10	2.95	3.01	3.11	3.21
	Amps	8.5	8.7	9.0	9.3	9.1	9.4	9.6	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.5	13.0
	Hi PR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	377	398	415	387	416	439	458
Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	133	145	154	129	137	150	159	

1181	MBh	35.71	36.40	38.12	40.67	34.88	35.55	37.23	39.72	34.04	34.70	36.35	38.78	33.21	33.86	35.46	37.83	31.55	32.16	33.69	35.94	29.23	29.79	31.20	33.29
	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	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	25	25	25	21	23	23	23	20
	kW	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.79	2.72	2.78	2.87	2.96	2.86	2.92	3.01	3.11	2.97	3.04	3.13	3.23	3.07	3.14	3.24	3.34
	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	11.3	11.6	12.1	11.7	12.0	12.4	12.8	12.4	12.7	13.1	13.6
	Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
	Lo PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	139	152	162	136	144	157	168
	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	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21
85	kW	2.38	2.43	2.50	2.57	2.55	2.60	2.68	2.77	2.70	2.76	2.84	2.93	2.84	2.90	2.99	3.08	2.95	3.01	3.11	3.21	3.05	3.11	3.21	3.32
	Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.3	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.7	12.3	12.5	13.0	13.4
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	457	477
	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	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	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	28	26	23	26	26	24	21
	kW	2.33	2.37	2.44	2.52	2.49	2.54	2.62	2.70	2.64	2.69	2.78	2.86	2.77	2.83	2.92	3.01	2.88	2.94	3.03	3.13	2.98	3.04	3.13	3.24
	Amps	8.6	8.8	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.6	11.9	12.4	11.9	12.2	12.6	13.1
	Hi PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	391	420	444	463
Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	149	126	134	146	156	130	138	151	161	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140421A* / CA*F4860*6A*+TXV / MBR2000** -1

IDB*	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	2.65	2.71	2.78	-	2.84	2.90	2.98	-	3.01	3.07	3.16	-	3.15	3.22	3.31	-	3.28	3.34	3.45	-	3.38	3.45	3.56	-
	Amps	9.7	9.9	10.2	-	10.4	10.7	11.0	-	11.3	11.6	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.6	-	13.6	13.9	14.4	-
	Hi PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-
	Lo PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
kW	2.63	2.69	2.76	-	2.82	2.88	2.96	-	2.98	3.04	3.14	-	3.13	3.19	3.29	-	3.25	3.32	3.42	-	3.36	3.43	3.53	-	
Amps	9.6	9.8	10.1	-	10.4	10.6	10.9	-	11.2	11.5	11.8	-	12.0	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-	
Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	
Lo PR	106	113	123	-	112	120	130	-	117	124	136	-	123	130	142	-	129	137	149	-	133	141	154	-	
MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-	
S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	
kW	2.58	2.63	2.70	-	2.76	2.81	2.89	-	2.92	2.97	3.06	-	3.06	3.12	3.21	-	3.17	3.24	3.34	-	3.28	3.35	3.45	-	
Amps	9.4	9.6	9.9	-	10.1	10.3	10.6	-	10.9	11.2	11.5	-	11.6	11.9	12.3	-	12.4	12.7	13.1	-	13.1	13.4	13.8	-	
Hi PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-	
Lo PR	103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	129	137	150	-	

75	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0
	S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	2.67	2.73	2.80	2.89	2.86	2.92	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.45	3.30	3.37	3.47	3.58	3.41	3.48	3.59	3.70
	Amps	9.8	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.3	13.7	14.2	13.7	14.0	14.5	15.0
	Hi PR	220	236	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471
	Lo PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
kW	2.65	2.71	2.78	2.87	2.84	2.90	2.98	3.07	3.01	3.07	3.16	3.26	3.15	3.22	3.32	3.42	3.28	3.34	3.45	3.56	3.38	3.45	3.56	3.68	
Amps	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.2	12.8	13.1	13.6	14.1	13.6	13.9	14.4	14.9	
Hi PR	218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	
Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166	
MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0	
S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	
kW	2.60	2.65	2.72	2.80	2.78	2.83	2.92	3.00	2.94	3.00	3.09	3.18	3.08	3.14	3.24	3.34	3.20	3.27	3.37	3.47	3.30	3.37	3.48	3.59	
Amps	9.4	9.7	10.0	10.3	10.2	10.4	10.7	11.1	11.0	11.3	11.6	12.1	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.5	14.0	14.5	
Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	371	392	409	381	410	433	452	
Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140421A* / CA*F4860*6A*+TXV / MBR2000** -1 (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
80	MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
	S/T	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.63
	ΔT	23	22	19	15	23	22	19	15	22	23	19	15	22	23	19	16	21	21	19	15	19	20	18	14
	kW	2.69	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.21	3.31	3.20	3.27	3.37	3.47	3.33	3.40	3.50	3.61	3.44	3.51	3.62	3.73
	Amps	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2
	Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
	Lo PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169
	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
	S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
kW	2.67	2.73	2.80	2.89	2.86	2.92	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.45	3.30	3.37	3.48	3.59	3.41	3.48	3.59	3.71	
Amps	9.8	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.3	13.7	14.2	13.7	14.0	14.5	15.0	
Hi PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	
Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168	
MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7	
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.01	0.95	0.77	0.58	1.02	0.96	0.78	0.58	
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	2.61	2.67	2.74	2.82	2.80	2.85	2.94	3.03	2.96	3.02	3.11	3.21	3.10	3.17	3.26	3.36	3.22	3.29	3.39	3.50	3.33	3.40	3.50	3.62	
Amps	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.7	12.2	11.9	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	
Hi PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456	
Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	

85	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
	S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	24	24	23	20	24	24	23	20	23	23	23	20	22	23	23	20	21	22	23	20	20	20	21	18
	kW	2.71	2.77	2.85	2.93	2.91	2.96	3.05	3.15	3.08	3.14	3.23	3.33	3.23	3.29	3.39	3.50	3.35	3.42	3.53	3.64	3.46	3.54	3.65	3.76
	Amps	9.9	10.2	10.5	10.9	10.7	11.0	11.3	11.7	11.6	11.9	12.3	12.7	12.4	12.7	13.1	13.6	13.2	13.5	13.9	14.5	13.9	14.3	14.8	15.3
	Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	434	405	436	460	480
	Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	165	138	147	161	171
	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
	ΔT	25	25	24	20	26	25	24	21	25	25	24	21	24	25	24	21	23	24	24	21	22	22	22	19
kW	2.69	2.75	2.83	2.91	2.88	2.94	3.03	3.12	3.05	3.11	3.21	3.31	3.20	3.27	3.37	3.47	3.33	3.40	3.50	3.61	3.44	3.51	3.62	3.73	
Amps	9.9	10.1	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.6	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2	14.6	15.2	
Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	
Lo PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	
MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5	
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	
ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	23	23	20	
kW	2.63	2.68	2.76	2.84	2.82	2.87	2.96	3.05	2.98	3.04	3.13	3.23	3.13	3.19	3.29	3.39	3.25	3.32	3.42	3.53	3.36	3.43	3.53	3.64	
Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.8	12.3	12.0	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.8	14.2	14.7	
Hi PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461	
Lo PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp.+fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140481A* / CA*F4860*6A*+TXV / MBR2000** -1

IDB*	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	2.98	3.04	3.13	-	3.19	3.26	3.36	-	3.38	3.45	3.56	-	3.55	3.62	3.73	-	3.69	3.77	3.88	-	3.81	3.89	4.01	-
	Amps	5.9	6.2	6.5	-	6.8	7.0	7.4	-	7.7	8.0	8.5	-	8.6	8.9	9.4	-	9.5	9.8	10.3	-	10.3	10.7	11.2	-
	Hi PR	217	233	247	-	243	262	277	-	277	298	315	-	315	339	358	-	355	382	403	-	392	422	445	-
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
kW	2.96	3.02	3.10	-	3.17	3.23	3.33	-	3.36	3.42	3.53	-	3.52	3.59	3.70	-	3.66	3.74	3.85	-	3.78	3.86	3.98	-	
Amps	5.8	6.1	6.4	-	6.7	6.9	7.3	-	7.6	7.9	8.4	-	8.5	8.8	9.3	-	9.3	9.7	10.2	-	10.2	10.5	11.0	-	
Hi PR	215	231	244	-	241	259	274	-	274	295	311	-	312	336	355	-	351	378	399	-	388	418	441	-	
Lo PR	105	112	122	-	111	118	129	-	115	122	134	-	121	129	140	-	127	135	147	-	131	139	152	-	
MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	
ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
kW	2.89	2.95	3.04	-	3.10	3.16	3.25	-	3.28	3.34	3.45	-	3.44	3.51	3.62	-	3.57	3.65	3.76	-	3.69	3.77	3.89	-	
Amps	5.5	5.8	6.1	-	6.3	6.6	7.0	-	7.3	7.6	8.0	-	8.1	8.4	8.9	-	8.9	9.3	9.7	-	9.7	10.1	10.6	-	
Hi PR	208	224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	376	405	428	-	
Lo PR	102	108	118	-	107	114	125	-	112	119	130	-	117	125	136	-	123	131	143	-	127	135	148	-	

75	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
	S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.00	3.06	3.15	3.25	3.22	3.28	3.38	3.49	3.41	3.48	3.58	3.70	3.58	3.65	3.76	3.88	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18
	Amps	6.0	6.3	6.6	7.0	6.9	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.0	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9
	Hi PR	219	236	249	260	246	265	279	291	280	301	318	331	319	343	362	378	358	386	407	425	396	426	450	469
	Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165
	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
kW	2.98	3.04	3.13	3.22	3.19	3.26	3.36	3.46	3.38	3.45	3.56	3.67	3.55	3.62	3.73	3.85	3.69	3.77	3.88	4.01	3.81	3.89	4.01	4.14	
Amps	5.9	6.2	6.5	6.9	6.8	7.0	7.4	7.9	7.7	8.1	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	
Hi PR	217	233	247	257	243	262	277	289	277	298	315	328	315	339	358	374	355	382	403	421	392	422	445	465	
Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	
MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40	
ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
kW	2.91	2.97	3.06	3.15	3.12	3.18	3.28	3.38	3.30	3.37	3.47	3.58	3.46	3.54	3.65	3.76	3.60	3.68	3.79	3.91	3.72	3.80	3.92	4.04	
Amps	5.6	5.9	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	10.2	10.7	11.3	
Hi PR	210	226	239	249	236	254	268	280	269	289	305	318	306	329	348	363	344	370	391	408	380	409	432	451	
Lo PR	103	109	119	127	109	115	126	134	113	120	131	140	118	126	138	147	124	132	144	154	128	137	149	159	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140481A* / CA*F4860*6A*+TXV / MBR2000** -1 (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
80	MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6
	S/T	0.95	0.89	0.73	0.54	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	0.83	0.62	1.00	1.00	0.83	0.62
	ΔT	23	22	19	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15
	kW	3.03	3.08	3.18	3.27	3.24	3.31	3.41	3.51	3.43	3.51	3.61	3.73	3.60	3.68	3.79	3.91	3.75	3.83	3.95	4.07	3.87	3.95	4.08	4.21
	Amps	6.1	6.4	6.7	7.1	7.0	7.3	7.6	8.1	8.0	8.3	8.7	9.2	8.8	9.1	9.6	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1
	Hi PR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474
	Lo PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	0.99	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.79	0.59
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15
kW	3.00	3.06	3.15	3.25	3.22	3.28	3.38	3.49	3.41	3.48	3.58	3.70	3.58	3.65	3.76	3.88	3.72	3.80	3.92	4.04	3.84	3.92	4.05	4.18	
Amps	6.0	6.3	6.6	7.0	6.9	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	9.9	10.4	11.0	10.4	10.8	11.3	11.9	
Hi PR	219	236	249	260	246	265	279	291	280	301	318	332	319	343	362	378	358	386	407	425	396	426	450	469	
Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	
MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	
S/T	0.87	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	0.93	0.76	0.57	1.00	0.94	0.77	0.57	
ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16	
kW	2.94	2.99	3.08	3.17	3.14	3.21	3.30	3.40	3.33	3.40	3.50	3.61	3.49	3.56	3.67	3.79	3.63	3.71	3.82	3.94	3.75	3.83	3.95	4.08	
Amps	5.7	6.0	6.3	6.7	6.6	6.8	7.2	7.6	7.5	7.8	8.2	8.7	8.4	8.7	9.1	9.6	9.2	9.5	10.0	10.6	10.0	10.4	10.9	11.5	
Hi PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	413	436	455	
Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160	

85	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	ΔT	25	25	23	20	24	25	23	20	24	24	24	20	23	24	24	20	22	23	23	20	20	21	22	19
	kW	3.05	3.11	3.20	3.30	3.27	3.33	3.43	3.54	3.46	3.53	3.64	3.76	3.63	3.71	3.82	3.95	3.78	3.86	3.98	4.11	3.90	3.99	4.11	4.25
	Amps	6.2	6.5	6.8	7.2	7.1	7.4	7.8	8.2	8.1	8.4	8.8	9.4	9.0	9.3	9.8	10.3	9.9	10.2	10.7	11.3	10.7	11.1	11.6	12.3
	Hi PR	224	241	254	265	251	270	285	297	285	307	324	338	325	350	369	385	366	393	415	433	404	435	459	479
	Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	25	26	25	21	24	25	24	21	22	23	23	20
kW	3.03	3.08	3.18	3.27	3.24	3.31	3.41	3.51	3.43	3.51	3.61	3.73	3.60	3.68	3.79	3.91	3.75	3.83	3.95	4.07	3.87	3.95	4.08	4.21	
Amps	6.1	6.4	6.7	7.1	7.0	7.3	7.6	8.1	8.0	8.3	8.7	9.2	8.8	9.2	9.6	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1	
Hi PR	221	238	252	262	248	267	282	294	282	304	321	335	322	346	366	381	362	390	411	429	400	430	454	474	
Lo PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7	
S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	
ΔT	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	25	26	25	21	24	24	23	20	
kW	2.96	3.02	3.10	3.20	3.17	3.23	3.33	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.70	3.82	3.66	3.74	3.85	3.97	3.78	3.86	3.98	4.11	
Amps	5.8	6.1	6.4	6.8	6.7	6.9	7.3	7.8	7.6	7.9	8.3	8.8	8.5	8.8	9.2	9.8	9.3	9.7	10.1	10.7	10.2	10.5	11.0	11.6	
Hi PR	215	231	244	254	241	259	274	286	274	295	311	325	312	336	355	370	351	378	399	416	388	417	441	460	
Lo PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	131	139	152	162	

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ARI conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140601A* / CA*F4860*6A*+TXV / MBE2000** -1

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
2081	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-
	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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	3.63	3.70	3.82	-	3.91	3.99	4.12	-	4.16	4.25	4.39	-	4.38	4.48	4.63	-	4.57	4.67	4.83	-	4.73	4.83	5.00	-
	Amps	7.6	7.9	8.4	-	8.7	9.1	9.6	-	10.0	10.4	10.9	-	11.1	11.5	12.1	-	12.2	12.7	13.3	-	13.3	13.8	14.5	-
	Hi PR	219	236	249	-	246	264	279	-	279	301	318	-	318	343	362	-	358	385	407	-	396	426	450	-
	Lo PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	132	145	-	129	137	150	-
	MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-
	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	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
70	kW	3.60	3.67	3.79	-	3.88	3.96	4.09	-	4.12	4.22	4.35	-	4.34	4.44	4.59	-	4.53	4.63	4.78	-	4.69	4.79	4.96	-
	Amps	7.4	7.8	8.2	-	8.6	8.9	9.4	-	9.8	10.2	10.8	-	11.0	11.4	12.0	-	12.1	12.5	13.1	-	13.2	13.6	14.3	-
	Hi PR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	355	382	403	-	392	422	445	-
	Lo PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-
	MBh	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-
	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	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	3.51	3.58	3.70	-	3.78	3.86	3.99	-	4.02	4.11	4.24	-	4.23	4.33	4.47	-	4.41	4.51	4.66	-	4.57	4.67	4.83	-
	Amps	7.1	7.4	7.8	-	8.2	8.5	9.0	-	9.4	9.8	10.3	-	10.5	10.9	11.5	-	11.6	12.0	12.6	-	12.6	13.1	13.7	-
	Lo PR	99	105	115	-	105	111	121	-	109	116	126	-	114	121	133	-	120	127	139	-	124	132	144	-

2081	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1
	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	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.66	3.73	3.85	3.98	3.94	4.03	4.16	4.30	4.19	4.29	4.43	4.58	4.42	4.52	4.67	4.82	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.22
	Amps	7.7	8.0	8.5	9.1	8.8	9.2	9.7	10.3	10.1	10.5	11.1	11.8	11.3	11.7	12.3	13.0	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5
	Hi PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5
	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	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
75	kW	3.63	3.70	3.82	3.95	3.91	3.99	4.12	4.26	4.16	4.25	4.39	4.54	4.38	4.48	4.63	4.78	4.57	4.67	4.83	4.99	4.73	4.84	5.00	5.17
	Amps	7.6	7.9	8.4	8.9	8.7	9.1	9.6	10.2	10.0	10.4	10.9	11.6	11.1	11.5	12.1	12.8	12.2	12.7	13.3	14.1	13.3	13.8	14.5	15.3
	Hi PR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	368	385	407	425	396	426	450	469
	Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159
	MBh	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4
	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	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	3.54	3.61	3.73	3.85	3.81	3.90	4.02	4.15	4.06	4.14	4.28	4.42	4.27	4.36	4.51	4.66	4.45	4.55	4.70	4.86	4.61	4.71	4.87	5.04
	Amps	7.2	7.5	8.0	8.5	8.3	8.6	9.1	9.7	9.5	9.9	10.5	11.1	10.6	11.0	11.6	12.3	11.7	12.2	12.8	13.5	12.8	13.3	13.9	14.7
	Lo PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155

IDB: Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions kW= Total system power Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — MODEL: ASZ140601A* / CA*F4860*6A*+TXV / MBE2000*-1 (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
2081	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7
	S/T	0.93	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	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	23	20	16	21	21	18	15
	KW	3.69	3.76	3.89	4.01	3.97	4.06	4.19	4.33	4.23	4.32	4.47	4.62	4.45	4.55	4.71	4.87	4.64	4.75	4.91	5.08	4.81	4.92	5.09	5.26
	Amps	7.8	8.2	8.6	9.2	9.0	9.3	9.9	10.5	10.3	10.7	11.3	11.9	11.4	11.9	12.5	13.2	12.6	13.0	13.7	14.5	13.7	14.2	14.9	15.7
	Hi-PR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479
	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	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2
	S/T	0.88	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	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	24	20	16	23	22	19	15
80	KW	3.66	3.73	3.85	3.98	3.94	4.03	4.16	4.30	4.19	4.29	4.43	4.58	4.42	4.52	4.67	4.82	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.22
	Amps	7.7	8.0	8.5	9.1	8.8	9.2	9.7	10.3	10.1	10.5	11.1	11.8	11.3	11.7	12.3	13.0	12.4	12.9	13.5	14.3	13.5	14.0	14.7	15.5
	Hi-PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474
	Lo-PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161
	MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1
	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	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
	KW	3.57	3.64	3.76	3.88	3.84	3.93	4.06	4.19	4.09	4.18	4.32	4.46	4.31	4.40	4.55	4.70	4.49	4.59	4.74	4.90	4.65	4.75	4.91	5.08
	Amps	7.3	7.6	8.1	8.6	8.4	8.8	9.3	9.9	9.7	10.1	10.6	11.3	10.8	11.2	11.8	12.5	11.9	12.3	13.0	13.7	13.0	13.4	14.1	14.9
	Hi-PR	215	231	244	254	241	259	274	285	274	295	311	325	312	336	354	370	351	378	399	416	388	417	441	460
Lo-PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156	

2081	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
	S/T	0.97	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	25	25	23	20	25	25	24	20	25	25	24	20	24	24	24	21	23	23	23	20	21	21	22	19
	KW	3.72	3.80	3.92	4.05	4.01	4.09	4.23	4.37	4.26	4.36	4.50	4.66	4.49	4.59	4.75	4.91	4.68	4.79	4.95	5.12	4.85	4.96	5.13	5.31
	Amps	8.0	8.3	8.8	9.3	9.1	9.5	10.0	10.6	10.4	10.9	11.4	12.1	11.6	12.0	12.7	13.4	12.8	13.2	13.9	14.7	13.9	14.4	15.1	15.9
	Hi-PR	226	243	256	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483
	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	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8
	S/T	0.93	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	26	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	23	20
85	KW	3.69	3.76	3.89	4.01	3.97	4.06	4.19	4.33	4.23	4.32	4.47	4.62	4.45	4.55	4.71	4.87	4.64	4.75	4.91	5.08	4.81	4.92	5.09	5.26
	Amps	7.8	8.2	8.6	9.2	9.0	9.3	9.9	10.5	10.3	10.7	11.3	11.9	11.4	11.9	12.5	13.2	12.6	13.0	13.7	14.5	13.7	14.2	14.9	15.7
	Hi-PR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479
	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	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7
	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	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	26	26	25	21	24	24	23	20
	KW	3.60	3.67	3.79	3.91	3.88	3.96	4.09	4.22	4.12	4.21	4.35	4.50	4.34	4.44	4.59	4.74	4.53	4.63	4.78	4.95	4.69	4.79	4.95	5.12
	Amps	7.4	7.8	8.2	8.8	8.6	8.9	9.4	10.0	9.8	10.2	10.8	11.4	10.9	11.4	12.0	12.6	12.1	12.5	13.1	13.9	13.1	13.6	14.3	15.1
	Hi-PR	217	233	246	257	243	262	276	288	277	298	314	328	315	339	358	373	354	381	403	420	392	421	445	464
Lo-PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158	

IDB: Entering Indoor Dry Bulb Temperature
 Shaded area is ARI conditions
 kW= Total system power
 Amps = outdoor unit amps (comp. +fan)
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

PRODUCT SPECIFICATIONS

EXPANDED HEATING DATA

Model: ASZ140181A* / CA*F3131*6A* +TXV / MBR800**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.6	21.4	20.2	18.8	18.0	17.4	16.2	14.9	12.8	11.8	10.9	10.3	9.9	8.9	7.9	6.9	5.9	4.8
ΔT	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	19.7	18.2	16.8	15.8	15.3	13.7	12.1	10.6	9.0	7.4
kW	1.56	1.53	1.50	1.47	1.45	1.44	1.41	1.38	1.39	1.36	1.32	1.31	1.29	1.26	1.23	1.20	1.17	1.14
Amps	7.0	6.5	6.1	5.7	5.5	5.4	5.1	4.9	4.7	4.5	4.2	4.1	4.1	3.9	3.6	3.4	3.2	2.9
COP	4.23	4.09	3.93	3.75	3.62	3.54	3.36	3.16	2.70	2.55	2.40	2.30	2.24	2.06	1.87	1.67	1.47	1.23
EER	14.5	14.0	13.4	12.8	12.4	12.1	11.5	10.8	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2
Hi PR	385	369	355	339	331	325	312	300	287	274	263	257	252	243	234	224	216	208
Lo PR	149	138	129	118	112	108	99	88	80	71	62	58	56	47	41	34	30	24

High pressure is measured at the suction service valve (the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

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

Model: ASZ140241A* / CA*F3636*6A*+TXV / MBR800**-1

	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	17.9	16.6	15.2	14.4	13.9	12.4	11.0	9.6	8.2	6.7
ΔT	32.9	31.1	29.3	27.4	26.1	25.3	23.5	21.7	19.5	18.0	16.6	15.7	15.1	13.5	12.0	10.5	8.9	7.3
kW	2.08	2.04	2.00	1.96	1.94	1.92	1.89	1.85	1.87	1.82	1.78	1.76	1.74	1.70	1.66	1.62	1.58	1.54
Amps	8.1	7.9	7.7	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.3	6.2	6.1
COP	4.24	4.09	3.93	3.74	3.62	3.54	3.35	3.16	2.81	2.65	2.50	2.39	2.33	2.14	1.94	1.73	1.52	1.28
EER	14.5	14.0	13.4	12.8	12.4	12.1	11.4	10.8	9.6	9.1	8.5	8.2	7.9	7.3	6.6	5.9	5.2	4.4
Hi PR	373	358	344	329	321	315	303	290	278	266	255	249	245	235	226	217	209	202
Lo PR	143	133	124	114	108	104	95	85	77	68	60	56	54	46	39	33	29	23

High pressure is measured at the suction service valve (the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

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

Model: ASZ140301A* / CA*F3642*6A*+TXV / MBR1600**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	36.5	34.5	32.5	30.4	29.0	28.1	26.1	24.1	22.6	20.9	19.2	18.2	17.5	15.7	13.9	12.1	10.3	8.5
ΔT	32.1	30.4	28.6	26.8	25.6	24.8	23.0	21.2	19.9	18.4	17.0	16.0	15.4	13.8	12.3	10.7	9.1	7.5
kW	2.40	2.36	2.32	2.27	2.25	2.23	2.19	2.14	2.20	2.15	2.11	2.08	2.06	2.01	1.97	1.92	1.87	1.83
Amps	11.8	10.6	9.6	8.7	8.2	8.0	7.2	6.6	6.1	5.6	5.1	4.9	4.8	4.3	3.6	3.1	2.5	1.8
COP	4.44	4.28	4.10	3.91	3.78	3.69	3.50	3.29	3.01	2.84	2.67	2.55	2.48	2.28	2.07	1.85	1.62	1.36
EER	15.2	14.6	14.0	13.4	12.9	12.6	11.9	11.2	10.3	9.7	9.1	8.7	8.5	7.8	7.1	6.3	5.5	4.6
Hi PR	360	346	332	318	310	304	292	281	269	257	247	241	236	227	219	210	202	195
Lo PR	137	127	119	110	104	100	92	82	74	66	58	54	52	44	38	32	28	22

High pressure is measured at the suction service valve (the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

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

EXPANDED HEATING DATA (CONT.)

Model: ASZ140361A* / CA*F4860*6A*+TXV / MBR1600**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.5	41.2	38.8	36.2	34.6	33.5	31.1	28.7	28.8	26.6	24.5	23.1	22.3	20.0	17.7	15.5	13.2	10.8
ΔT	38.4	36.3	34.2	31.9	30.5	29.6	27.5	25.3	25.4	23.5	21.6	20.4	19.6	17.6	15.6	13.6	11.6	9.5
kW	3.05	2.99	2.94	2.88	2.84	2.82	2.76	2.71	2.78	2.72	2.66	2.62	2.60	2.53	2.47	2.41	2.35	2.29
Amps	13.8	12.8	12.0	11.3	10.9	10.7	10.1	9.6	9.2	8.9	8.4	8.3	8.2	7.8	7.3	6.9	6.4	5.8
COP	4.17	4.02	3.86	3.68	3.56	3.48	3.30	3.11	3.03	2.86	2.70	2.58	2.51	2.31	2.10	1.87	1.64	1.38
EER	14.3	13.8	13.2	12.6	12.2	11.9	11.3	10.6	10.4	9.8	9.2	8.8	8.6	7.9	7.2	6.4	5.6	4.7
Hi PR	384	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
Lo PR	144	134	125	115	109	105	96	86	77	69	61	56	54	46	40	33	29	23

High pressure is measured at the suction service valve (the larger valve).
 Low pressure is measured at the gauge port connection.
 Calculations are based on nominal CFM and 70°F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)
 kW = Total system power

Model: ASZ140421A* / CA*F4860*6A*+TXV / MBR2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	51.5	48.8	45.9	42.9	41.0	39.7	36.9	34.0	34.3	31.6	29.1	27.5	26.5	23.8	21.1	18.4	15.7	12.8
ΔT	34.1	32.3	30.4	28.4	27.1	26.3	24.4	22.5	22.7	20.9	19.3	18.2	17.5	15.7	13.9	12.1	10.4	8.5
kW	3.40	3.33	3.27	3.21	3.17	3.14	3.08	3.02	3.07	3.00	2.94	2.90	2.87	2.81	2.74	2.68	2.61	2.54
Amps	15.2	14.1	13.2	12.4	12.0	11.8	11.1	10.6	10.1	9.7	9.2	9.0	8.9	8.5	7.9	7.5	6.9	6.3
COP	4.44	4.28	4.11	3.92	3.79	3.70	3.50	3.30	3.26	3.08	2.90	2.78	2.70	2.48	2.25	2.01	1.76	1.48
EER	15.2	14.6	14.0	13.4	12.9	12.6	12.0	11.3	11.2	10.5	9.9	9.5	9.2	8.5	7.7	6.9	6.0	5.1
Hi PR	370	354	341	326	318	312	300	288	276	263	253	247	242	233	224	215	207	200
Lo PR	142	132	123	113	107	103	95	84	76	68	60	56	53	45	39	33	29	23

Model: ASZ140481A* / CA*F4860*6A*+TXV / MBR2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.8	54.7	51.5	48.2	46.0	44.6	41.4	38.2	36.6	33.8	31.1	29.4	28.3	25.4	22.5	19.6	16.8	13.7
ΔT	34.5	32.7	30.8	28.8	27.5	26.6	24.7	22.8	21.9	20.2	18.6	17.6	16.9	15.2	13.4	11.7	10.0	8.2
kW	3.98	3.90	3.83	3.75	3.71	3.68	3.60	3.53	3.65	3.57	3.49	3.44	3.41	3.32	3.24	3.16	3.08	3.00
Amps	19.4	17.6	16.1	14.8	14.1	13.7	12.7	11.7	11.0	10.3	9.5	9.2	9.0	8.3	7.4	6.6	5.7	4.6
COP	4.25	4.10	3.94	3.76	3.63	3.55	3.36	3.17	2.94	2.77	2.61	2.50	2.43	2.24	2.03	1.82	1.59	1.34
EER	14.5	14.0	13.5	12.8	12.4	12.1	11.5	10.8	10.0	9.5	8.9	8.5	8.3	7.6	6.9	6.2	5.4	4.6
Hi PR	408	391	376	359	351	344	331	318	304	291	279	272	267	257	247	237	229	221
Lo PR	136	126	118	109	103	99	91	81	73	65	57	53	51	43	37	32	28	22

High pressure is measured at the suction service valve (the larger valve).
 Low pressure is measured at the gauge port connection.
 Calculations are based on nominal CFM and 70°F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)
 kW = Total system power

Model: ASZ140601A* / CA*F4860*6A*+TXV / MBE2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	47.9	44.2	40.7	38.4	37.0	33.2	29.4	25.7	21.9	17.9
ΔT	35.9	33.9	32.0	29.9	28.5	27.6	25.7	23.7	24.0	22.1	20.4	19.2	18.5	16.6	14.7	12.8	11.0	9.0
kW	4.83	4.74	4.64	4.54	4.48	4.44	4.35	4.25	4.42	4.32	4.21	4.15	4.11	4.00	3.90	3.80	3.69	3.59
Amps	24.7	22.3	20.4	18.8	17.9	17.4	16.0	14.8	13.9	12.9	12.0	11.5	11.3	10.4	9.2	8.2	7.1	5.7
COP	4.34	4.19	4.03	3.85	3.72	3.64	3.45	3.26	3.17	2.99	2.83	2.71	2.63	2.43	2.21	1.98	1.74	1.46
EER	14.8	14.3	13.8	13.1	12.7	12.4	11.8	11.1	10.8	10.2	9.7	9.3	9.0	8.3	7.5	6.8	5.9	5.0
Hi PR	404	387	372	356	347	341	327	314	301	288	276	269	265	255	245	235	226	218
Lo PR	136	126	119	109	103	99	91	81	73	65	57	53	51	43	37	32	28	22

ARI PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Furnace	Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower			Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
ASZ14 0181A*	AEPF183016A*+TXV			19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1077414
	AEPF183016B*+TXV			19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1277878
	AEPF183016C*+TXV			19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1492735
	AR*F193116B*+TXV			19,000	13,900	14.50	12.50	17,600	13,700	18,000	8.50	10,000	1492736
	ARPF193116A*+TXV			19,000	13,900	14.50	12.50	17,600	13,700	18,000	8.50	10,000	1038386
	ARUF193116A*+TXV			19,000	13,900	14.50	12.00	17,600	13,700	18,000	8.30	10,800	1033092
	ASPF183016A*+TXV			19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1288561
	ASPF183016B*+TXV			19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1492737
	CA*F036*4*+MBE1200**+1+TXV			18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	924805
	CA*F036*4*+MBR0800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1033005
	CA*F036*4*+TXV		A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	921928
	CA*F036*4*+TXV		A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	924640
	CA*F3131*6A*+EEP+TXV			19,000	13,900	14.00	12.00	17,600	13,700	18,000	8.30	10,600	1033093
	CA*F3131*6A*+MBE1200**+1+TXV			18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	922447
	CA*F3131*6A*+MBR0800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1033096
	CA*F3131*6A*+TXV		A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	922089
	CA*F3131*6A*+TXV		A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	924871
	CA*F3131*6B*+EEP+TXV			19,000	13,900	14.00	12.00	17,600	13,700	18,000	8.30	10,600	1346967
	CA*F3131*6B*+MBE1200**+1+TXV			18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1347335
	CA*F3131*6B*+MBR0800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1347336
CA*F3131*6B*+TXV		A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1346968	
CA*F3131*6B*+TXV		A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1346969	
CA*F3131*6C*+EEP+TXV			19,000	13,900	14.00	12.00	17,600	13,700	18,000	8.30	10,600	1386257	
CA*F3131*6C*+MBE1200**+1+TXV			18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1386259	
CA*F3131*6C*+MBR0800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1401074	
CA*F3131*6C*+TXV		A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1386260	
CA*F3131*6C*+TXV		A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1386261	
CHPF036B4*+MBR0800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1033097	
CHPF036B4*+TXV		A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	924101	
CHPF036B4*+TXV		A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	924312	
CHPF2430B6A*+EEP+TXV			19,000	13,900	14.00	12.00	17,600	13,700	18,000	8.50	10,400	1044506	
CHPF2430B6A*+MBE1200**+1+TXV			18,400	13,400	14.00	12.00	17,000	13,300	18,000	8.50	10,800	1294012	
CHPF2430B6A*+MBR800**+1+TXV			18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1037624	

See Notes on Page 22.

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
ASZ14 0181A* (cont.)	CHPF2430B6A*+TXV	A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	922414	
	CHPF2430B6A*+TXV	A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	922512	
	CHPF2430B6B*+EEP+TXV		19,000	13,900	14.00	12.00	17,600	13,700	18,000	8.50	10,400	1330179	
	CHPF2430B6B*+MBE1200**-1A*+TXV		18,400	13,400	14.00	12.00	17,000	13,300	18,000	8.50	10,800	1347527	
	CHPF2430B6B*+MBR0800**-1A*+TXV		18,000	13,100	14.00	12.00	16,700	13,000	18,000	8.50	10,800	1330208	
	CHPF2430B6B*+TXV	A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1330180	
	CHPF2430B6B*+TXV	A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1330181	
	CHPF3636B6A*+MBE1200**-1+TXV		19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1294013	
	CHPF3636B6B*+MBE1200**-1A*+TXV		19,000	13,900	15.00	13.00	17,600	13,700	18,000	8.50	10,400	1347525	
	CSCF3036N6A*+TXV	A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	921963	
	CSCF3036N6A*+TXV	A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	922032	
	CSCF3036N6B*+TXV	A*V80704B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1296570	
CSCF3036N6B*+TXV	A*V90453B**	18,000	13,100	15.00	12.50	16,700	13,000	18,000	8.10	10,200	1296571		
ASZ14 0241A*	AEPF303616A*+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1077415	
	AEPF303616B*+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1277879	
	AEPF303616C*+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1444012	
	AR*F193116B*+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	14,000	1492738	
	ARPF193116A*+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	14,000	1038387	
	ARUF193116A*+TXV		25,000	18,800	14.00	12.50	23,100	18,500	24,000	8.50	14,000	1032039	
	ASPF303616A*+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1288562	
	ASPF303616B*+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1444021	
	CA*F048*4*+MBE1200**-1+TXV		24,000	18,000	15.00	12.50	22,200	17,800	24,000	8.30	14,500	923502	
	CA*F048*4*+MBR0800**-1+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.30	14,500	922772	
	CA*F048*4*+TXV	A*V80704B**	23,600	17,700	14.50	12.20	21,800	17,400	23,000	8.30	14,500	921395	
	CA*F048*4*+TXV	A*V90453B**	23,600	17,700	14.50	12.20	21,800	17,400	23,600	8.30	14,500	924142	
ASZ14 0241A*	CA*F3636*6A*+EEP+TXV		24,000	18,000	14.00	12.50	22,200	17,800	24,000	8.50	14,000	1032038	
	CA*F3636*6A*+MBE1200**-1+TXV		24,000	18,000	15.00	12.50	22,200	17,800	24,000	8.30	14,500	921699	
	CA*F3636*6A*+MBE1600**-1+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1294014	
	CA*F3636*6A*+MBR0800**-1+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.30	14,500	923383	
	CA*F3636*6A*+TXV	A*V80704B**	23,600	17,700	14.50	12.20	21,800	17,400	23,000	8.30	14,500	921720	
	CA*F3636*6A*+TXV	A*V90453B**	23,600	17,700	14.50	12.20	21,800	17,400	23,600	8.30	14,500	923580	
CA*F3636*6B*+EEP+TXV		24,000	18,000	14.00	12.50	22,200	17,800	24,000	8.50	14,000	1346970		
CA*F3636*6B*+MBE1200**-1+TXV		24,000	18,000	15.00	12.50	22,200	17,800	24,000	8.30	14,500	1346971		

See Notes on Page 22.

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
ASZ14 0241A* (cont.)	CA*F3636*6B*+MBE1600**-.1+TXV		24,000	18,000	15.00	13.00	22,200	17,800	22,000	8.50	12,000	1346972	
	CA*F3636*6B*+MBR0800**-.1+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.30	14,500	1346973	
	CA*F3636*6B*+TXV	A*V80704B**	23,600	17,700	14.50	12.20	21,800	17,400	23,000	8.30	14,500	1346974	
	CA*F3636*6B*+TXV	A*V90453B**	23,600	17,700	14.50	12.20	21,800	17,400	23,600	8.30	14,500	1346975	
	CA*F3636*6B*+TXV	A*V90704C**	23,600	17,700	15.00	12.50	21,800	17,400	23,000	8.30	14,500	1451749	
	CHPF3636*6A*+MBE1200**-.1+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.30	14,500	921311	
	CHPF3636*6A*+MBR0800**-.1+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	14,500	1033095	
	CHPF3636B6A*+EEP+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	12,000	1088624	
	CHPF3636B6A*+TXV	A*V80704B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	922759	
	CHPF3636B6A*+TXV	A*V90453B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	924677	
	CHPF3636B6B*+EEP+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	12,000	1330183	
	CHPF3636B6B*+MBE1200**-.1A*+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.30	14,500	1330182	
	CHPF3636B6B*+MBR0800**-.1A*+TXV		24,000	18,000	14.00	12.00	22,200	17,800	24,000	8.50	14,500	1330209	
	CHPF3636B6B*+TXV	A*V80704B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	1330184	
	CHPF3636B6B*+TXV	A*V90453B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	1330185	
	CSCF3036N6A*+TXV	A*V80704B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	921509	
CSCF3036N6A*+TXV	A*V90453B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	921450		
CSCF3036N6B*+TXV	A*V80704B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	1296572		
CSCF3036N6B*+TXV	A*V90453B**	24,000	18,000	14.50	12.20	22,200	17,800	24,000	8.30	14,500	1296573		

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/67°F/95°F

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

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

⁴ HSPF = Heating Seasonal Performance Factor

Notes:

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

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Furnace	Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower			Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
ASZ14 0301A*	AEPF303616A*+TXV			30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000	1077416
	AEPF303616B*+TXV			30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000	1277880
	AEPF303616C*+TXV			30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000	1444013
	AR*F193116B*+TXV			28,800	22,500	14.00	12.00	26,600	22,300	27,000	8.50	18,000	1492739
	ARPF193116A*+TXV			28,800	22,500	14.00	12.00	26,600	22,300	27,000	8.50	18,000	1038388
	ARUF193116A*+TXV			28,800	22,500	14.00	12.50	26,600	22,300	27,000	8.50	18,000	1032042
	ASPF303616A*+TXV			30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000	1288563
	ASPF303616B*+TXV			30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000	1444022
	CA*F057*4*+MBE1600**-1+TXV			28,800	22,500	15.00	12.50	26,600	22,300	29,000	8.50	18,000	922883
	CA*F057*4*+MBR1600**-1+TXV			28,800	22,500	14.00	12.00	26,600	22,300	29,000	8.50	18,000	924052
	CA*F057*4*+TXV		A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	924563
	CA*F057*4*+TXV		A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	921752
	CA*F3636*6A*+EEP+TXV			28,000	21,800	14.00	12.00	25,900	21,800	28,800	8.50	18,000	1430201
	CA*F3636*6A*+MBE1200**-1+TXV			28,800	22,500	15.00	13.00	26,600	22,300	28,800	9.00	18,000	1008046
	CA*F3636*6A*+TXV		A*V80704B**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	9.00	18,000	1008054
	CA*F3636*6A*+TXV		A*V90453B**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	9.00	18,000	1008053
	CA*F3636*6A*+TXV		A*V90704C**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	8.50	18,000	1032048
	CA*F3636*6B*+MBE1200**-1+TXV			28,800	22,500	15.00	13.00	26,600	22,300	28,800	9.00	18,000	1346976
	CA*F3636*6B*+TXV		A*V80704B**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	9.00	18,000	1346977
	CA*F3636*6B*+TXV		A*V90453B**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	9.00	18,000	1347337
CA*F3636*6B*+TXV		A*V90704C**	28,800	22,500	15.00	12.50	26,600	22,300	28,800	8.50	18,000	1347338	
CA*F3642*6A*+BDK+TXV			28,400	22,200	14.00	12.00	26,300	22,100	28,800	8.50	18,000	1008052	
CA*F3642*6A*+MBE1600**-1+TXV			28,800	22,500	15.00	12.50	26,600	22,300	29,000	8.50	18,000	921273	
CA*F3642*6A*+MBR1600**-1+TXV			28,800	22,500	14.00	12.00	26,600	22,300	29,000	8.50	18,000	923119	
CA*F3642*6A*+TXV		A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	923185	
CA*F3642*6A*+TXV		A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	922122	
CA*F3743*6A*+EEP+TXV			28,400	22,200	14.00	12.00	26,300	22,100	28,800	8.50	18,000	1347341	
CA*F3743*6A*+MBE1600**-1+TXV			28,800	22,500	15.00	12.50	26,600	22,300	29,000	8.50	18,000	1346978	
CA*F3743*6A*+MBR1600**-1+TXV			28,800	22,500	14.00	12.00	26,600	22,300	29,000	8.50	18,000	1346979	
CA*F3743*6A*+TXV		A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	1346980	
CA*F3743*6A*+TXV		A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	1346981	
CHPF048*4*+MBE1600**-1+TXV			28,800	22,500	15.00	12.00	26,600	22,300	29,000	9.00	18,000	1033099	

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)		ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	
ASZ14 0301A* (cont.)	CHPF048*4*+MBR1600**,-1+TXV		28,800	22,500	14.00	12.00	26,600	22,300	29,000	8.50	18,000
	CHPF048*4*+TXV	A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF048*4*+TXV	A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF048*4*+TXV	A*V90704C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3636B6A*+MBE1200**,-1+TXV		30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000
	CHPF3636B6B*+MBE1200**,-1A*+TXV		30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000
	CHPF3642*6A*+EERP+TXV		28,800	22,500	14.00	12.00	26,600	22,300	29,000	9.00	18,000
	CHPF3642*6A*+MBE1600**,-1+TXV		28,800	22,500	14.00	12.00	26,600	22,300	29,000	9.00	18,000
	CHPF3642*6A*+MBR1600**,-1+TXV		28,800	22,500	15.00	12.50	26,600	22,300	29,000	9.00	18,000
	CHPF3642*6A*+TXV	A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3642*6A*+TXV	A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3642*6A*+TXV	A*V90704C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3642C6A*+EERP+TXV		28,800	22,500	14.00	12.00	26,600	22,300	29,000	9.00	17,000
	CHPF3642C6A*+MBE1200**,-1+TXV		30,000	23,400	15.00	13.00	27,800	23,400	28,000	8.50	18,000
	CHPF3642C6B*+EERP+TXV		28,800	22,500	14.00	12.00	26,600	22,300	29,000	9.00	18,000
	CHPF3642C6B*+MBR1600**,-1A*+TXV		28,800	22,500	15.00	12.50	26,600	22,300	29,000	9.00	18,000
	CHPF3642C6B*+TXV	A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3642C6B*+TXV	A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CHPF3642C6B*+TXV	A*V90704C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
	CSCF3642N6A*+TXV	A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000
CSCF3642N6A*+TXV	A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	
CSCF3642N6A*+TXV	A*V90704C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	
CSCF3642N6C*+TXV	A*V80905C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	
CSCF3642N6C*+TXV	A*V81155C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	
CSCF3642N6C*+TXV	A*V90704C**	28,800	22,500	14.50	12.20	26,600	22,300	29,000	8.50	18,000	

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/67°F/95°F
² Energy Efficiency Ratio @ 80°F/67°F/95°F
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F
⁴ HSPF = Heating Seasonal Performance Factor
 See Notes on Page 22 or 26.

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Furnace	Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower	Indoor Units		Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
	AEPF426016A*+TXV			36,000	25,900	15.00	12.50	33,300	25,600	34,600	9.00	23,600	1077421	
	AEPF426016B*+TXV			36,000	25,900	15.00	12.50	33,300	25,600	34,600	9.00	23,600	1277882	
	AEPF426016C*+TXV			36,000	25,900	15.00	12.50	33,300	25,600	34,600	9.00	23,600	1492740	
	AR*F374316B*+TXV			35,000	25,200	14.00	12.00	32,400	24,900	35,000	9.00	24,000	1492742	
	ARPF374316A*+TXV			35,000	25,200	14.00	12.00	32,400	24,900	35,000	9.00	24,000	1038390	
	ARUF374316A*+TXV			35,000	25,200	14.00	12.00	32,400	24,900	35,000	9.00	24,000	1038389	
	ASPF426016A*+TXV			36,000	25,900	15.00	13.00	33,300	25,600	34,600	9.00	23,600	1286165	
	ASPF426016B*+TXV			36,000	25,900	15.00	13.00	33,300	25,600	34,600	9.00	23,600	1492743	
	CA*F060*4*+MBE1600**-.1+TXV			35,000	25,200	14.50	12.20	32,400	24,900	35,000	9.00	24,000	924271	
	CA*F060*4*+MBE2000**-.1+TXV			35,000	25,200	15.00	12.50	32,400	24,900	35,000	9.00	24,000	922070	
	CA*F060*4*+TXV		A*V80905C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	922217	
	CA*F060*4*+TXV		A*V81155C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	922771	
	CA*F060*4*+TXV		A*V90704C**	34,600	24,900	14.50	12.20	32,000	24,600	35,000	9.00	24,000	924178	
	CA*F060*4*+TXV		A*V90905D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	922833	
	CA*F060*4*+TXV		A*V91155D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	921876	
ASZ14 0361A*	CA*F4860*6A*+EERP+TXV			36,000	25,900	14.00	12.00	33,300	25,600	35,000	9.00	24,000	1008047	
	CA*F4860*6A*+MBE1600**-.1+TXV			35,000	25,200	14.50	12.20	32,400	24,900	35,000	9.00	24,000	921389	
	CA*F4860*6A*+MBE2000**-.1+TXV			35,000	25,200	15.00	13.00	32,400	24,900	35,000	9.00	24,000	924851	
	CA*F4860*6A*+MBR1600**-.1+TXV			34,600	24,900	14.00	12.00	32,000	24,600	34,600	8.75	21,600	924671	
	CA*F4860*6A*+TXV		A*V80905C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	921428	
	CA*F4860*6A*+TXV		A*V81155C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	924218	
	CA*F4860*6A*+TXV		A*V90704C**	34,600	24,900	14.50	12.20	32,000	24,600	35,000	9.00	24,000	922173	
	CA*F4860*6A*+TXV		A*V90905D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	923742	
	CA*F4860*6A*+TXV		A*V91155D**	34,600	24,900	15.00	13.00	32,000	24,600	35,000	9.00	24,000	921673	
	CA*F4961*6A*+EERP+TXV			36,000	25,900	14.00	12.00	33,300	25,600	35,000	9.00	24,000	1347342	
	CA*F4961*6A*+MBE1600**-.1+TXV			35,000	25,200	14.50	12.20	32,400	24,900	35,000	9.00	24,000	1346982	
	CA*F4961*6A*+MBE2000**-.1+TXV			35,000	25,200	15.00	13.00	32,400	24,900	35,000	9.00	24,000	1346983	
	CA*F4961*6A*+MBR1600**-.1+TXV			34,600	24,900	14.00	12.00	32,000	24,600	34,600	8.75	21,600	1346984	
	CA*F4961*6A*+TXV		A*V80905C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	1346985	
	CA*F4961*6A*+TXV		A*V81155C**	34,600	24,900	14.50	12.20	32,000	24,600	34,600	9.00	24,000	1346986	
	CA*F4961*6A*+TXV		A*V90704C**	34,600	24,900	14.50	12.20	32,000	24,600	35,000	9.00	24,000	1346987	
	CA*F4961*6A*+TXV		A*V90905D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1346988	

See Notes on Page 26.

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)		ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
ASZ14 0361A* (cont.)	CA*F4961*6A**+TXV	A*V91155D**	34,600	24,900	15.00	13.00	32,000	24,600	35,000	9.00	24,000	1346989
	CHPF3642*6A**+EEP+TXV		36,000	25,900	14.00	12.00	33,300	25,600	34,600	9.00	24,000	1328014
	CHPF3743C6A**+EEP+TXV		36,000	25,900	14.00	12.00	33,300	25,600	34,600	9.00	24,000	1347528
	CHPF4860*6A**+MBE2000**+1+TXV		35,000	25,200	15.00	13.00	32,400	24,900	35,000	9.00	24,000	1128621
	CHPF4860D6A**+EEP+TXV		35,000	25,200	14.00	12.00	32,400	24,900	35,000	9.00	24,000	1128620
	CHPF4860D6A**+TXV	A*V90905D**	34,600	24,900	15.00	13.00	32,000	24,600	35,000	9.00	24,000	1130479
	CHPF4860D6A**+TXV	A*V91155D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1130480
	CHPF4860D6C**+EEP+TXV		35,000	25,200	14.00	12.00	32,400	24,900	35,000	9.00	24,000	1330210
	CHPF4860D6C**+MBE2000**+1A**+TXV		35,000	25,200	15.00	13.00	32,400	24,900	35,000	9.00	24,000	1330192
	CHPF4860D6C**+TXV	A*V90905D**	34,600	24,900	15.00	13.00	32,000	24,600	35,000	9.00	24,000	1330193
	CHPF4860D6C**+TXV	A*V91155D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1330194
	CSCF4860N6A**+TXV	A*V90905D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1130481
CSCF4860N6A**+TXV	A*V91155D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1128619	
CSCF4860N6C**+TXV	A*V90905D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1296577	
CSCF4860N6C**+TXV	A*V91155D**	34,600	24,900	15.00	12.50	32,000	24,600	35,000	9.00	24,000	1296578	
ASZ14 0421A*	AEPF426016A**+TXV		41,000	31,600	15.00	13.00	37,900	31,100	40,000	9.00	27,400	1077418
	AEPF426016B**+TXV		41,000	31,600	15.00	13.00	37,900	31,100	40,000	9.00	27,400	1277883
	AEPF426016C**+TXV		41,000	31,600	15.00	13.00	37,900	31,100	40,000	9.00	27,400	1492744
	AR*F374316B**+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	1492745
	ARPF374316A**+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	1038392
	ARUF374316A**+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	1038391
	ASPF426016A**+TXV		41,000	31,600	15.00	13.00	37,900	31,100	40,000	9.00	27,400	1288565
	ASPF426016B**+TXV		41,000	31,600	15.00	13.00	37,900	31,100	40,000	9.00	27,400	1492746
	CA*F060*4**+MBE2000**+1+TXV		40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	923832
	CA*F060*4**+MBR2000**+1+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	922271
	CA*F060*4**+TXV	A*V90905D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	924066
	CA*F060*4**+TXV	A*V91155D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	924699

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/67°F/95°F
² Energy Efficiency Ratio @ 80°F/67°F/95°F
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F
⁴ HSPF = Heating Seasonal Performance Factor

Notes:

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

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
ASZ14 0421A* (cont.)	CA*F4860*6A**E+EP+TXV		41,000	31,600	14.00	12.00	37,900	31,100	42,000	9.00	27,400	1008048	
	CA*F4860*6A**MBE2000**-1+TXV		40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	921303	
	CA*F4860*6A**MBR2000**-1+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	922663	
	CA*F4860*6A**+TXV	A*V90905D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	924848	
	CA*F4860*6A**+TXV	A*V91155D**	40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	923201	
	CA*F4961*6A**E+EP+TXV		41,000	31,600	14.00	12.00	37,900	31,100	42,000	9.00	27,400	1347343	
	CA*F4961*6A**MBE2000**-1+TXV		40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	1346990	
	CA*F4961*6A**MBR2000**-1+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	25,000	1346991	
	CA*F4961*6A**+TXV	A*V90905D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1346992	
	CA*F4961*6A**+TXV	A*V91155D**	40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	1346993	
	CHPF060D4**+MBR2000**-1+TXV		40,000	30,800	14.00	12.50	37,000	30,300	41,000	9.00	25,000	922486	
	CHPF060D4**+TXV	A*V91155D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	921885	
	CHPF4860*6A**+MBE2000**-1+TXV		40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	924774	
	CHPF4860*6A**+TXV	A*V90905D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	923033	
	CHPF4860*6A**+TXV	A*V91155D**	40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	923602	
	CHPF4860D6A**E+EP+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	27,400	1088625	
	CHPF4860D6A**+MBR2000**-1+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	27,400	1044504	
CHPF4860D6C**E+EP+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	27,400	1330198		
CHPF4860D6C**+MBE2000**-1A**+TXV		40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	1330195		
CHPF4860D6C**+MBR2000**-1A**+TXV		40,000	30,800	14.00	12.00	37,000	30,300	41,000	9.00	27,400	1330199		
CHPF4860D6C**+TXV	A*V90905D**	40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1330196		
CHPF4860D6C**+TXV	A*V91155D**	40,000	30,800	15.00	13.00	37,000	30,300	41,000	9.00	25,000	1330197		
CSCF4860N6A**+TXV		40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1033010		
CSCF4860N6A**+TXV		40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1033011		
CSCF4860N6C**+TXV		40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1296579		
CSCF4860N6C**+TXV		40,000	30,800	15.00	12.50	37,000	30,300	41,000	9.00	25,000	1296580		
AEPF426016A**+TXV		47,000	35,700	15.00	13.00	43,500	35,200	47,000	8.75	30,000	1077419		
AEPF426016B**+TXV		47,000	35,700	15.00	13.00	43,500	35,200	47,000	8.75	30,000	1277884		
AEPF426016C**+TXV		47,000	35,700	15.00	13.00	43,500	35,200	47,000	8.75	30,000	1492747		
AR*F374316B**+TXV		47,000	35,700	14.00	12.00	43,500	35,200	47,000	8.50	30,000	1492748		
ARPF374316A**+TXV		47,000	35,700	14.00	12.00	43,500	35,200	47,000	8.50	30,000	1038394		
ARUF374316A**+TXV		47,000	35,700	14.00	12.00	43,500	35,200	47,000	8.50	30,000	1038393		
ASPF426016A**+TXV		47,000	35,700	15.00	13.00	43,500	35,200	47,000	8.75	30,000	1288566		
ASPF426016B**+TXV		47,000	35,700	15.00	13.00	43,500	35,200	47,000	8.75	30,000	1492749		

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)		ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
ASZ14 0481A* (cont.)	CA*F060*4*+MBE2000**-1+TXV		46,000	35,000	15.00	13.00	42,600	34,500	46,000	9.00	30,000	921805	
	CA*F060*4*+MBR2000**-1+TXV		46,000	35,000	14.00	12.00	42,600	34,500	47,000	8.50	30,000	924998	
	CA*F060*4*+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	922354	
	CA*F060*4*+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	923128	
	CA*F4860*6A*+EHP+TXV		46,000	35,000	14.00	12.00	42,600	34,500	47,500	8.75	30,000	1008049	
	CA*F4860*6A*+MBE2000**-1+TXV		46,000	35,000	15.00	13.00	42,600	34,500	46,000	9.00	30,000	924357	
	CA*F4860*6A*+MBR2000**-1+TXV		46,000	35,000	14.00	12.00	42,600	34,500	47,000	8.50	30,000	923285	
	CA*F4860*6A*+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	923210	
	CA*F4860*6A*+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	924820	
	CA*F4961*6A*+EHP+TXV		46,000	35,000	14.00	12.00	42,600	34,500	47,500	8.75	30,000	1347344	
	CA*F4961*6A*+MBE2000**-1+TXV		46,000	35,000	15.00	13.00	42,600	34,500	46,000	9.00	30,000	1346994	
	CA*F4961*6A*+MBR2000**-1+TXV		46,000	35,000	14.00	12.00	42,600	34,500	47,000	8.50	30,000	1346995	
	CA*F4961*6A*+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1346996	
	CA*F4961*6A*+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1346997	
	CHPF060D4**+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	923668	
	CHPF4860D6A**+EHP+TXV		47,000	35,700	14.00	12.00	43,500	35,200	46,000	9.00	30,000	1088626	
CHPF4860D6A**+MBE2000**-1B**+TXV		46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1405733		
CHPF4860D6A**+MBR2000**-1+TXV		46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	924487		
CHPF4860D6A**+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	922425		
CHPF4860D6C**+EHP+TXV		47,000	35,700	14.00	12.00	43,500	35,200	46,000	9.00	30,000	1330200		
CHPF4860D6C**+MBE2000**-1B**+TXV		46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1405768		
CHPF4860D6C**+MBR2000**-1A**+TXV		46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1330201		
CHPF4860D6C**+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1330202		
CSCF4860N6A**+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	922983		
CSCF4860N6A**+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	923885		
CSCF4860N6C**+TXV	A*V90905D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1296581		
CSCF4860N6C**+TXV	A*V91155D**	46,000	35,000	14.50	12.00	42,600	34,500	47,000	8.50	30,000	1296582		

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/67°F/95°F ² Energy Efficiency Ratio @ 80°F/67°F/95°F
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F ⁴ HSPF = Heating Seasonal Performance Factor

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

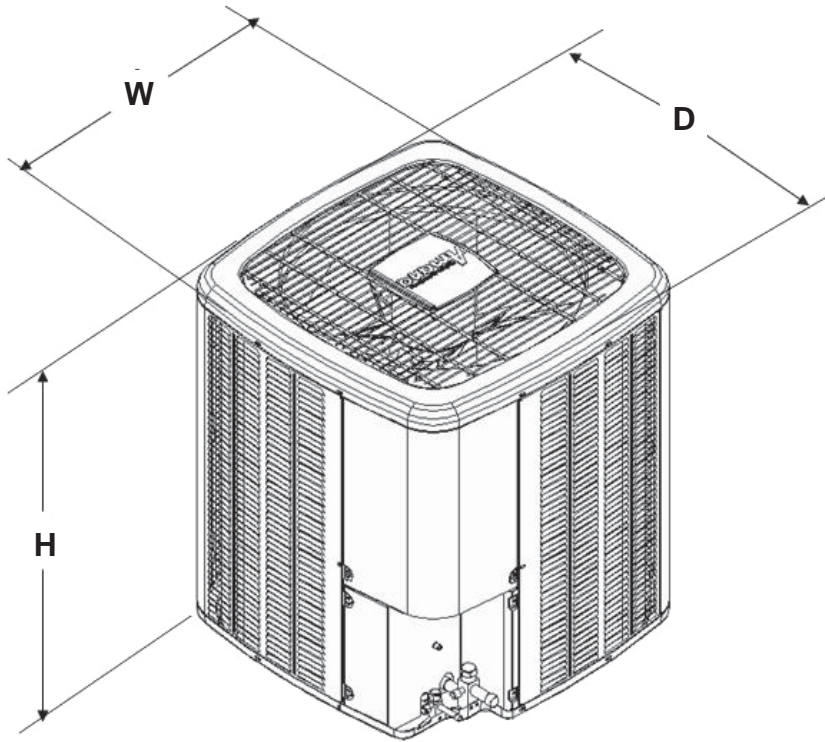
See Notes on Page 26.

ARI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil & Blower	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
ASZ14 0601A*	AEPF426016A*+TXV		57,000	42,200	14.50	12.00	52,700	41,600	59,000	8.75	39,000	1077420
	AEPF426016B*+TXV		57,000	42,200	14.50	12.00	52,700	41,600	59,000	8.75	39,000	1277885
	AEPF426016C*+TXV		57,000	42,200	14.50	12.00	52,700	41,600	59,000	8.75	39,000	1492750
	AR*F496116A*+TXV		56,000	41,400	13.50	11.50	51,800	40,900	57,000	8.50	36,000	1492751
	ARPF374316A*+TXV		57,000	42,200	13.50	11.50	52,700	41,600	57,000	8.50	36,000	1038396
	ARUF374316A*+TXV		57,000	42,200	13.50	11.50	52,700	41,600	57,000	8.50	36,000	1038395
	ARUF486016A*+TXV		56,000	41,400	13.50	11.50	51,800	40,900	57,000	8.50	36,000	1328360
	ASPF426016A*+TXV		57,000	42,200	14.50	12.00	52,700	41,600	59,000	8.75	39,000	1288567
	ASPF426016B*+TXV		57,000	42,200	14.50	12.00	52,700	41,600	59,000	8.75	39,000	1492752
	CA*F060*4*+MBE2000**-1+TXV		56,500	41,800	15.00	12.50	52,300	41,300	57,000	9.00	33,000	924899
	CA*F060*4*+MBR2000**-1+TXV		56,500	41,800	14.00	12.00	52,300	41,300	57,000	8.50	33,000	924482
	CA*F060*4*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	923985
	CA*F4860*6A*+EHP+TXV		57,000	42,200	14.00	12.00	52,700	41,600	58,000	9.00	39,000	1008050
	CA*F4860*6A*+MBE2000**-1+TXV		56,500	41,800	15.00	12.50	52,300	41,300	57,000	9.00	33,000	923196
	CA*F4860*6A*+MBR2000**-1+TXV		56,500	41,800	14.00	12.00	52,300	41,300	57,000	8.50	33,000	923893
	CA*F4860*6A*+TXV	A*V90905D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	924835
	CA*F4860*6A*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	923280
	CA*F4961*6A*+EHP+TXV		57,000	42,200	14.00	12.00	52,700	41,600	58,000	9.00	39,000	1347345
	CA*F4961*6A*+MBE2000**-1+TXV		56,500	41,800	15.00	12.50	52,300	41,300	57,000	9.00	33,000	1346998
	CA*F4961*6A*+MBR2000**-1+TXV		56,500	41,800	14.00	12.00	52,300	41,300	57,000	8.50	33,000	1346999
	CA*F4961*6A*+TXV	A*V90905D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	1347000
	CA*F4961*6A*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	1347339
	CHPF060*4*+MBR2000**-1+TXV		56,500	41,800	14.00	12.00	52,300	41,300	57,000	8.50	33,000	922704
	CHPF060D4*+MBR2000**-1+TXV		56,500	41,800	15.00	12.50	52,300	41,300	57,000	9.00	33,000	924861
	CHPF060D4*+TXV	A*V90905D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	924870
	CHPF060D4*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	923038
CHPF4860*6A*+MBE2000**-1+TXV		56,500	41,800	15.00	12.00	52,300	41,300	57,000	8.50	33,000	924596	
CHPF4860D6A*+EHP+TXV		57,000	42,200	14.00	12.00	52,700	41,600	58,000	8.75	39,500	1088627	
CHPF4860D6A*+MBR2000**-1+TXV		57,000	42,200	14.00	12.00	52,700	41,600	57,000	8.75	38,000	1044505	
CHPF4860D6A*+TXV	A*V90905D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	922373	
CHPF4860D6A*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	921429	
CHPF4860D6C*+EHP+TXV		57,000	42,200	14.00	12.00	52,700	41,600	58,000	8.75	39,500	1330204	
CHPF4860D6C*+MBE2000**-1A*+TXV		56,500	41,800	15.00	12.00	52,300	41,300	57,000	8.50	33,000	1330203	
CHPF4860D6C*+MBR2000**-1A*+TXV		57,000	42,200	14.00	12.00	52,700	41,600	57,000	8.75	38,000	1330205	
CHPF4860D6C*+TXV	A*V90905D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	1330206	
CHPF4860D6C*+TXV	A*V91155D**	56,500	41,800	14.00	11.50	52,300	41,300	57,000	8.50	33,000	1330207	
CHPF486D*6A*+MBE2000**-1+TXV		56,500	41,800	14.00	12.50	52,300	41,300	57,000	9.00	33,000	922829	
CSCF4860N6A*+TXV	A*V90905D**	56,500	41,800	13.50	11.50	52,300	41,300	57,000	8.50	33,000	923023	
CSCF4860N6A*+TXV	A*V91155D**	56,500	41,800	13.50	11.50	52,300	41,300	57,000	8.50	33,000	922279	
CSCF4860N6C*+TXV	A*V90905D**	56,500	41,800	13.50	11.50	52,300	41,300	57,000	8.50	33,000	1296583	
CSCF4860N6C*+TXV	A*V91155D**	56,500	41,800	13.50	11.50	52,300	41,300	57,000	8.50	33,000	1296584	

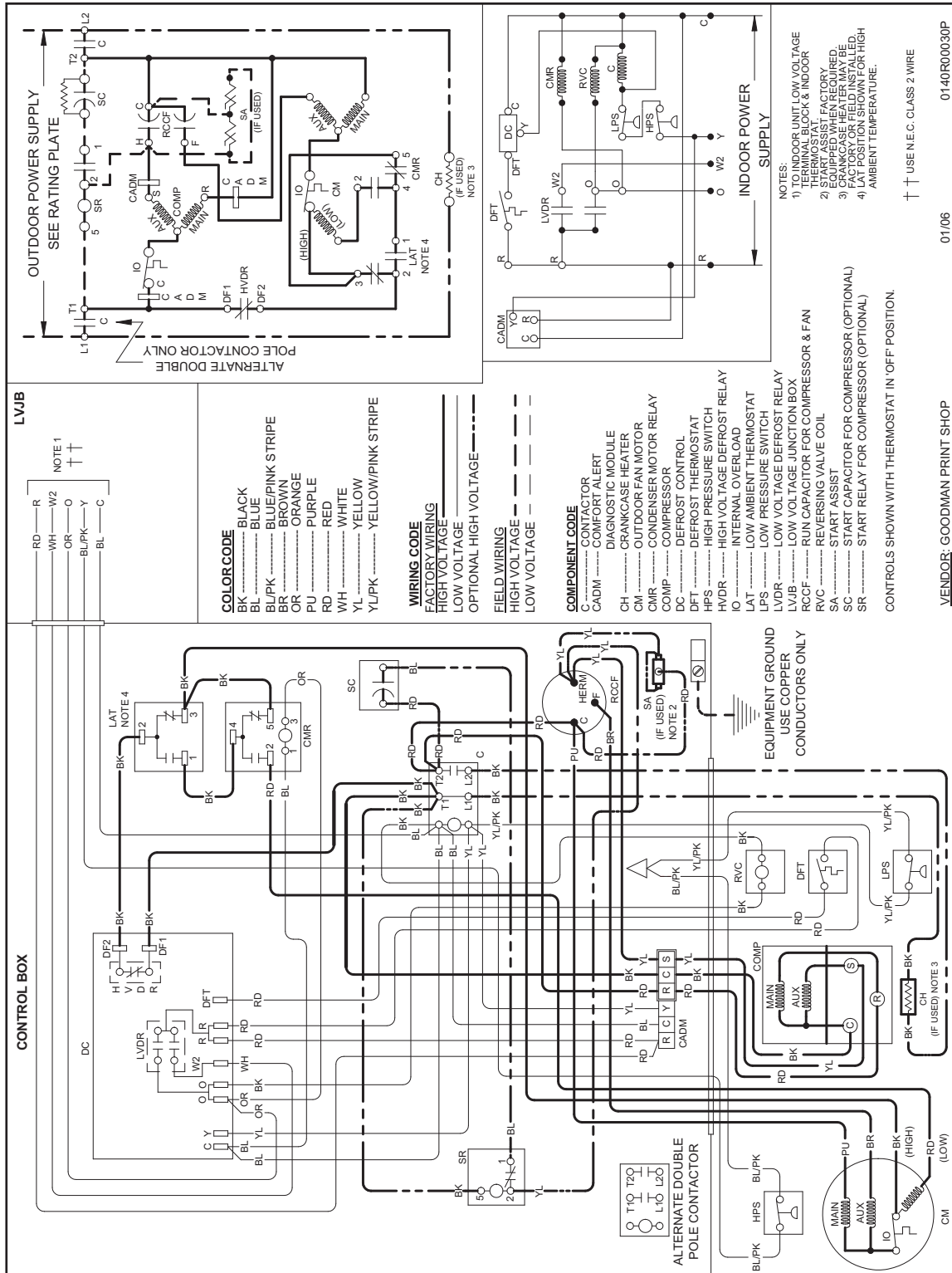
See Notes on Page 28.

DIMENSIONS



Model	Dimensions
ASZ140181A	29" x 29" x 34 ¹ / ₄ "
ASZ140241A	29" x 29" x 38 ¹ / ₄ "
ASZ140301A	29" x 29" x 38 ¹ / ₄ "
ASZ140361A	35 ¹ / ₂ " x 35 ¹ / ₂ " x 38 ¹ / ₄ "
ASZ140421A	35 ¹ / ₂ " x 35 ¹ / ₂ " x 38 ¹ / ₄ "
ASZ140481A	35 ¹ / ₂ " x 35 ¹ / ₂ " x 38 ¹ / ₄ "
ASZ140601A	35 ¹ / ₂ " x 35 ¹ / ₂ " x 38 ¹ / ₄ "

ASZ14 WIRING DIAGRAM



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



WARNING

High Voltage:

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



PRODUCT SPECIFICATIONS

ACCESSORIES

Model	Description	ASZ14 018	ASZ14 024	ASZ14 030	ASZ14 036	ASZ14 042	ASZ14 048	ASZ14 060
ABK-20	Anchor Bracket Kit [▼]	X	X	X	X	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit				X	X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A1	Freeze Protection Kit	X	X	X	X	X	X	X
OT18-60A2	Outdoor Thermostat	X	X	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay Kit	X	X	X	X	X	X	X
TX2N4 ³	TXV Kit	X						
TX3N4 ³	TXV Kit		X	X	X			
TX5N4 ³	TXV Kit					X	X	X

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

¹ Installed on indoor coil

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

³ Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

