



## PRODUCT SPECIFICATIONS



**UP TO 16 SEER**  
**R-410A**

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

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



\* To receive the Lifetime Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. Full warranty details available at [www.amana-hac.com](http://www.amana-hac.com).

# ASZ16

## SPLIT SYSTEM HEAT PUMP

The Amana® brand ASZ16 Heat Pumps offer energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. Our quality manufacturing, easy installation and maintenance make this unit one of the best values on the market.

### Standard Features

- R-410A chlorine-free refrigerant
- Two-Stage Copeland® UltraTech Scroll compressor
- High-density foam compressor cover
- 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 tubing/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

### Cabinet Features

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

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NOMENCLATURE

	A	S	Z	16	036	1	AA			
	1	2	3	4,5	6,7,8	9	10,11			
<b>Brand</b>	A Amana® Brand						<b>Engineering *</b> Major/ Minor Revisions			
<b>Product Category</b>	S Split System						* Neither revision is used for order entry or inventory management.			
<b>Unit Type</b>	C Condenser R-22 X Condenser R-410A H Heat Pump R-22 Z Heat Pump R-410A						<b>Electrical</b>			
							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		
<b>Efficiency</b>	13 13 SEER 14 14 SEER 16 16 SEER 18 18 SEER						<b>Nominal Capacity</b>			
							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:** EnergyStar ratings are dependent upon conditions beyond equipment installation. 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](http://www.energystar.gov).

# SPECIFICATIONS

	ASZ16 0241A	ASZ16 0361A	ASZ16 0481A	ASZ16 0601A
<b>CAPACITIES AND RATINGS</b>				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Nominal Heating (BTU/h)	24,000	36,000	48,000	60,000
Decibels	72	73	74	75
<b>COMPRESSOR</b>				
RLA	10.3	16.7	21.2	25.6
LRA	52	82.0	96.0	118.0
<b>CONDENSER FAN MOTOR</b>				
Horsepower	1/6	1/6	1/6	1/6
FLA	1	1	1	1
<b>REFRIGERATION SYSTEM</b>				
Refrigerant Line Size <sup>1</sup>				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	153	203	263	273
Shipped with Orifice Size	NA	NA	NA	NA
<b>ELECTRICAL DATA</b>				
Volts / Hz / Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity <sup>2</sup>	13.9	21.9	27.5	33
Max. Overcurrent Protection <sup>3</sup>	20	30	40	50
Min / Max Volts	197/253	197/253	197/253	197/253
Power Supply Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>SHIP WEIGHT (LBS)</b>	282	282	282	296

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

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

<sup>3</sup> 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 — ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\* -1 LOW STAGE

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	731	MBh	17.7	18.3	20.1	-	17.3	17.9	19.6	-	16.9	17.5	19.2	-	16.5	17.1	18.7	-	15.6	16.2	17.8	-	14.5	15.0	16.5	-
		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	0.76	0.52	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	kW	1.06	1.09	1.12	-	1.15	1.17	1.21	-	1.22	1.25	1.29	-	1.29	1.32	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-	
	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	-	5.6	5.7	5.9	-	5.9	6.0	6.2	-	
	HiPR	209	225	237	-	235	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	378	406	429	-	
	LoPR	113	121	132	-	120	127	139	-	124	132	144	-	131	139	152	-	137	146	159	-	142	151	164	-	
	MBh	17.2	17.8	19.5	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	16.0	16.6	18.2	-	15.2	15.7	17.2	-	14.1	14.6	16.0	-	
	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	-	0.86	0.71	0.50	-	0.86	0.72	0.50	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-	
kW	1.06	1.08	1.11	-	1.14	1.16	1.20	-	1.21	1.24	1.28	-	1.28	1.31	1.35	-	1.33	1.36	1.41	-	1.38	1.41	1.46	-		
Amps	4.1	4.2	4.4	-	4.5	4.6	4.7	-	4.8	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-		
HiPR	207	223	235	-	232	250	264	-	264	284	300	-	301	324	342	-	338	364	384	-	374	402	425	-		
LoPR	112	119	130	-	118	126	138	-	123	131	143	-	129	138	150	-	136	144	157	-	140	149	163	-		
MBh	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.6	16.1	17.7	-	15.2	15.7	17.2	-	14.4	15.0	16.4	-	13.4	13.9	15.2	-		
S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-		
ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-		
kW	1.04	1.06	1.10	-	1.12	1.14	1.18	-	1.19	1.22	1.26	-	1.26	1.28	1.33	-	1.31	1.34	1.38	-	1.36	1.39	1.43	-		
Amps	4.1	4.2	4.3	-	4.4	4.5	4.6	-	4.8	4.9	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.1	-		
HiPR	203	218	230	-	228	245	259	-	259	278	294	-	295	317	335	-	332	357	377	-	366	394	416	-		
LoPR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-		

75	731	MBh	18.0	18.5	20.1	21.5	17.6	18.1	19.6	21.0	17.2	17.7	19.1	20.5	16.7	17.2	18.7	20.0	15.9	16.4	17.7	19.0	14.7	15.2	16.4	17.6
		S/T	0.90	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	0.67	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.70	0.45
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10	
	kW	1.07	1.10	1.13	1.17	1.16	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.43	1.48	1.40	1.44	1.48	1.54	
	Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	5.9	6.1	6.3	6.5	
	HiPR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	410	433	452	
	LoPR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177	
	MBh	17.5	18.0	19.5	20.9	17.1	17.6	19.0	20.4	16.7	17.2	18.6	19.9	16.3	16.7	18.1	19.4	15.4	15.9	17.2	18.5	14.3	14.7	15.9	17.1	
	S/T	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.61	0.40	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	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
kW	1.06	1.09	1.12	1.16	1.15	1.17	1.21	1.25	1.22	1.25	1.29	1.34	1.29	1.32	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.52		
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5		
HiPR	209	225	238	248	235	252	267	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448		
LoPR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	165	175		
MBh	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.8	16.3	17.6	18.9	15.4	15.9	17.2	18.5	14.7	15.1	16.3	17.5	13.6	14.0	15.1	16.3		
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	0.64	0.41		
ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
kW	1.05	1.07	1.10	1.14	1.13	1.15	1.19	1.23	1.20	1.23	1.27	1.31	1.27	1.29	1.34	1.38	1.32	1.35	1.40	1.44	1.37	1.40	1.45	1.50		
Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3		
HiPR	205	220	233	243	230	247	261	272	261	281	297	310	298	320	338	353	335	360	381	397	370	398	421	439		
LoPR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172		

IDB: Entering Indoor Dry Bulb Temperature      kW = Total system power  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TYVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\* -1 LOW STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	731	MBh	18.3	18.7	20.0	21.4	17.9	18.3	19.5	20.9	17.5	17.8	19.1	20.4	17.0	17.4	18.6	19.9	16.2	16.5	17.7	18.9	15.0	15.3	16.4	17.5	
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64	
		ΔT	23	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	18	14	
	637	KW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.55	
		Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	
		Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	385	415	438	457	
	569	Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	145	154	168	179	
		MBh	17.8	18.2	19.4	20.8	17.4	17.8	19.0	20.3	17.0	17.3	18.5	19.8	16.5	16.9	18.1	19.3	15.7	16.1	17.2	18.3	14.6	14.9	15.9	17.0	
		S/T	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
	85	731	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	24	20	16	23	23	20	16	21	21	19	15
			KW	1.07	1.10	1.13	1.17	1.16	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.43	1.48	1.40	1.44	1.48	1.54
			Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	5.9	6.1	6.3	6.5
637		Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	411	433	452	
		Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177	
		MBh	16.9	17.3	18.4	19.7	16.5	16.9	18.0	19.3	16.1	16.5	17.6	18.8	15.7	16.1	17.2	18.3	14.9	15.3	16.3	17.4	13.8	14.1	15.1	16.1	
569		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59	
		ΔT	25	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	
		KW	1.06	1.08	1.11	1.15	1.14	1.16	1.20	1.24	1.21	1.24	1.28	1.32	1.28	1.31	1.35	1.40	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.51	
731		Amps	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	
		Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	356	338	364	384	401	374	402	425	443	
		Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
85	731	MBh	18.6	19.0	19.9	21.2	18.2	18.6	19.4	20.7	17.8	18.1	19.0	20.2	17.3	17.7	18.5	19.7	16.5	16.8	17.6	18.8	15.3	15.6	16.3	17.4	
		S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.97	0.83	1.00	1.00	0.98	0.84	
		ΔT	23	24	22	19	23	23	23	20	22	23	23	20	22	22	23	20	21	21	22	20	19	20	20	18	
	637	KW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.32	1.37	1.32	1.35	1.40	1.44	1.38	1.41	1.46	1.51	1.43	1.46	1.51	1.56	
		Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.3	6.0	6.2	6.4	6.6	
		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	
	569	Lo PR	117	124	136	144	123	131	143	153	128	136	149	159	135	143	156	167	141	150	164	175	146	155	170	181	
		MBh	18.1	18.4	19.3	20.6	17.7	18.0	18.9	20.1	17.3	17.6	18.4	19.7	16.8	17.2	18.0	19.2	16.0	16.3	17.1	18.2	14.8	15.1	15.8	16.9	
		S/T	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80	
	731	ΔT	26	25	24	21	26	26	24	21	25	25	24	21	24	25	24	21	23	24	24	21	21	22	22	19	
		KW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.55	
		Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	
569	Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	385	415	438	457		
	Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	145	154	168	179		
	MBh	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	16.4	16.7	17.5	18.7	16.0	16.3	17.1	18.2	15.2	15.5	16.2	17.3	14.1	14.3	15.0	16.0		
731	S/T	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76		
	ΔT	26.1	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	23	20		
	KW	1.06	1.09	1.12	1.16	1.15	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.29	1.32	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.52		
569	Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5		
	Hi PR	209	225	237	248	235	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448		
	Lo PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\* -1 HIGH STAGE

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	984	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.87	0.73	0.51	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	kW	1.56	1.60	1.65	-	1.68	1.72	1.78	-	1.79	1.83	1.90	-	1.89	1.93	2.00	-	1.97	2.02	2.09	-	2.04	2.09	2.16	-	
	Amps	6.0	6.1	6.3	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-	
	HiPR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	365	392	414	-	403	433	458	-	
	LoPR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-	
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
kW	1.55	1.58	1.63	-	1.67	1.71	1.76	-	1.78	1.82	1.88	-	1.87	1.92	1.98	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-		
Amps	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.4	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-		
HiPR	221	238	251	-	248	267	281	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-		
LoPR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-		
MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-		
S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-		
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-		
kW	1.51	1.54	1.59	-	1.63	1.67	1.72	-	1.73	1.77	1.83	-	1.83	1.87	1.93	-	1.91	1.95	2.01	-	1.97	2.02	2.09	-		
Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.1	8.3	8.6	-		
HiPR	214	230	243	-	240	259	273	-	273	294	310	-	311	335	354	-	350	377	398	-	387	416	440	-		
LoPR	107	113	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-		

75	984	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
	ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	18	17	14	10	
	kW	1.57	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26	
	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.9	8.5	8.7	9.0	9.4	
	HiPR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482	
	LoPR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7	
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43	
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	
kW	1.56	1.60	1.65	1.70	1.68	1.72	1.78	1.84	1.79	1.83	1.90	1.96	1.89	1.93	2.00	2.07	1.97	2.02	2.09	2.16	2.04	2.09	2.16	2.24		
Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3		
HiPR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	477		
LoPR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172		
MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0		
S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42		
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10		
kW	1.52	1.56	1.61	1.66	1.64	1.68	1.73	1.79	1.75	1.79	1.85	1.91	1.84	1.88	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.10	2.18		
Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0		
HiPR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	421	444	463		
LoPR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects ACCA (TYVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\* -1 HIGH STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	984	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	1.00	0.93	0.76	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65	
		ΔT	23	22	19	15	22	22	19	15	21	22	19	15	21	22	19	15	20	21	19	15	19	19	18	14	
		kW	1.59	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.87	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28	
		Amps	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	
		Hi PR	227	245	258	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
	875	Lo PR	113	121	132	140	120	127	139	148	124	132	145	154	131	139	152	162	137	146	159	169	142	151	165	175	
		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	0.96	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15	
		kW	1.57	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26	
		Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.9	8.5	8.7	9.0	9.4	
766	Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	419	436	407	438	462	482		
	Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	158	168	140	149	163	174		
	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	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.04	0.97	0.79	0.59	1.05	0.98	0.80	0.60		
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15		
	kW	1.54	1.57	1.62	1.67	1.66	1.69	1.75	1.81	1.76	1.80	1.86	1.93	1.86	1.90	1.96	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.20		
85	984	Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	
		Hi PR	218	235	248	259	245	264	279	291	279	300	317	330	318	342	361	376	357	384	406	423	395	425	449	468	
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	
		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	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84	
		ΔT	23	24	22	19	23	23	23	20	22	22	23	20	22	22	23	20	20	21	22	19	19	19	20	18	
	875	kW	1.60	1.64	1.69	1.74	1.73	1.77	1.82	1.89	1.84	1.88	1.94	2.01	1.94	1.98	2.05	2.12	2.02	2.07	2.14	2.21	2.10	2.14	2.22	2.30	
		Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6	
		Hi PR	230	247	261	272	258	277	293	306	293	316	333	348	334	359	379	396	376	404	427	445	415	447	472	492	
		Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177	
		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	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	
766	ΔT	25	25	23	20	25	25	24	20	24	25	24	20	24	24	24	21	22	23	23	20	21	21	22	19		
	kW	1.59	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.87	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28		
	Amps	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5		
	Hi PR	227	245	258	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487		
	Lo PR	113	121	132	140	120	127	139	148	124	132	145	154	131	139	152	162	137	146	159	169	142	151	165	175		
	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		
85	875	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		ΔT	25	25	24	21	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
		kW	1.55	1.58	1.63	1.69	1.67	1.71	1.76	1.82	1.78	1.82	1.88	1.94	1.87	1.92	1.98	2.05	1.95	2.00	2.07	2.14	2.02	2.07	2.14	2.22	
		Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	
		Hi PR	221	237	251	262	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472	
		Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	
	85	766	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	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84
			ΔT	23	24	22	19	23	23	23	20	22	22	23	20	22	22	23	20	20	21	22	19	19	19	20	18
			kW	1.60	1.64	1.69	1.74	1.73	1.77	1.82	1.89	1.84	1.88	1.94	2.01	1.94	1.98	2.05	2.12	2.02	2.07	2.14	2.21	2.10	2.14	2.22	2.30
			Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
			Hi PR	230	247	261	272	258	277	293	306	293	316	333	348	334	359	379	396	376	404	427	445	415	447	472	492

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\* -1 LOW STAGE

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	900	MBh	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.6	24.4	26.8	-	23.0	23.8	26.1	-	21.8	22.6	24.8	-	20.2	21.0	23.0	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
	kW	1.44	1.48	1.52	-	1.56	1.59	1.64	-	1.66	1.69	1.75	-	1.74	1.78	1.84	-	1.82	1.86	1.92	-	1.88	1.93	1.99	-	
	Amps	5.8	5.9	6.1	-	6.2	6.3	6.5	-	6.7	6.9	7.1	-	7.2	7.3	7.6	-	7.6	7.8	8.0	-	8.0	8.2	8.5	-	
	HiPR	207	223	236	-	233	250	265	-	265	285	301	-	302	324	343	-	339	365	385	-	375	403	426	-	
	LoPR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-	
	MBh	24.0	24.9	27.3	-	23.4	24.3	26.6	-	22.9	23.7	26.0	-	22.3	23.1	25.4	-	21.2	22.0	24.1	-	19.6	20.4	22.3	-	
	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	kW	1.43	1.46	1.51	-	1.54	1.58	1.63	-	1.64	1.68	1.73	-	1.73	1.77	1.83	-	1.80	1.84	1.91	-	1.87	1.91	1.97	-	
	Amps	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.7	6.8	7.0	-	7.1	7.3	7.5	-	7.5	7.7	8.0	-	8.0	8.1	8.4	-	
HiPR	205	221	233	-	230	248	262	-	262	282	298	-	299	321	339	-	336	361	382	-	371	399	422	-		
LoPR	110	117	127	-	116	123	135	-	120	128	140	-	126	135	147	-	133	141	154	-	137	146	159	-		
MBh	22.2	23.0	25.2	-	21.6	22.4	24.6	-	21.1	21.9	24.0	-	20.6	21.4	23.4	-	19.6	20.3	22.2	-	18.1	18.8	20.6	-		
S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-		
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-		
kW	1.40	1.43	1.47	-	1.51	1.54	1.59	-	1.60	1.64	1.69	-	1.69	1.72	1.78	-	1.76	1.80	1.86	-	1.82	1.86	1.92	-		
Amps	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.5	6.6	6.8	-	6.9	7.1	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-		
HiPR	199	214	226	-	224	241	254	-	254	274	289	-	290	312	329	-	326	351	370	-	360	387	409	-		
LoPR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	142	-	129	137	149	-	133	141	154	-		

75	900	MBh	25.1	25.9	28.0	30.1	24.6	25.3	27.4	29.4	24.0	24.7	26.7	28.7	23.4	24.1	26.1	28.0	22.2	22.9	24.8	26.6	20.6	21.2	22.9	24.6
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11	
	kW	1.46	1.49	1.53	1.59	1.57	1.60	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.88	1.94	2.00	1.90	1.94	2.01	2.08	
	Amps	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	
	HiPR	210	226	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449	
	LoPR	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	24.4	25.1	27.2	29.2	23.8	24.5	26.6	28.5	23.3	24.0	25.9	27.8	22.7	23.4	25.3	27.2	21.6	22.2	24.0	25.8	20.0	20.6	22.3	23.9	
	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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	
	kW	1.44	1.48	1.52	1.57	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	1.84	1.90	1.82	1.86	1.92	1.99	1.88	1.93	1.99	2.06	
	Amps	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.3	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8	
HiPR	207	223	236	246	233	251	265	276	265	285	301	314	302	325	343	357	339	365	386	402	375	403	426	444		
LoPR	111	118	129	137	117	125	136	145	122	129	141	150	128	136	148	158	134	142	156	166	139	147	161	171		
MBh	22.5	23.2	25.1	26.9	22.0	22.7	24.5	26.3	21.5	22.1	23.9	25.7	21.0	21.6	23.4	25.1	19.9	20.5	22.2	23.8	18.4	19.0	20.6	22.1		
S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39		
ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	24	22	18	12	22	20	16	11		
kW	1.41	1.44	1.49	1.53	1.52	1.55	1.60	1.65	1.62	1.65	1.70	1.76	1.70	1.74	1.80	1.86	1.77	1.81	1.87	1.94	1.83	1.88	1.94	2.01		
Amps	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.1	7.4	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6		
HiPR	201	217	229	239	226	243	257	268	257	276	292	304	293	315	332	347	329	354	374	390	364	391	413	431		
LoPR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects ACCA (TYVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)



EXPANDED COOLING DATA — ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\* -1 LOW STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	900	MBh	25.6	26.1	27.9	29.9	25.0	25.5	27.3	29.2	24.4	24.9	26.6	28.5	23.8	24.3	26.0	27.8	22.6	23.1	24.7	26.4	20.9	21.4	22.9	24.4
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	24	24	21	17	23	23	20	16	21	22	19	15
		kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09
		Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0
		Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175	
	MBh	24.8	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.9	27.6	23.1	23.6	25.2	27.0	22.0	22.4	24.0	25.6	20.3	20.8	22.2	23.7	
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58	
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16	
	kW	1.46	1.49	1.54	1.59	1.57	1.60	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.88	1.94	2.00	1.90	1.94	2.01	2.08	
	Amps	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	
Hi PR	210	226	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449		
Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173		
MBh	22.9	23.4	25.0	26.8	22.4	22.9	24.5	26.1	21.9	22.3	23.9	25.5	21.3	21.8	23.3	24.9	20.3	20.7	22.1	23.7	18.8	19.2	20.5	21.9		
S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56		
ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16		
kW	1.42	1.45	1.50	1.55	1.53	1.56	1.62	1.67	1.63	1.66	1.72	1.78	1.71	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.96	2.02		
Amps	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.2	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.3	8.6		
Hi PR	203	219	231	241	228	245	259	270	259	279	295	307	295	318	336	350	332	358	378	394	367	395	417	435		
Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168		
85	900	MBh	26.0	26.5	27.8	29.7	25.4	25.9	27.2	29.0	24.8	25.3	26.5	28.3	24.2	24.7	25.9	27.6	23.0	23.5	24.6	26.2	21.3	21.7	22.8	24.3
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.98	0.79
		ΔT	26	26	24	21	26	26	24	21	25	26	24	21	25	25	25	21	24	24	24	21	22	22	23	20
		kW	1.48	1.51	1.56	1.61	1.60	1.63	1.68	1.74	1.70	1.74	1.79	1.85	1.79	1.83	1.89	1.95	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
		Amps	5.9	6.1	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.5	7.3	7.5	7.8	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0
		Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458
	Lo PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
	MBh	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.5	23.5	24.0	25.1	26.8	22.3	22.8	23.8	25.4	20.7	21.1	22.1	23.6	
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	26	22	24	24	24	20	
	kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09	
	Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0	
Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453		
Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175		
MBh	23.3	23.8	24.9	26.6	22.8	23.2	24.3	26.0	22.2	22.7	23.8	25.3	21.7	22.1	23.2	24.7	20.6	21.0	22.0	23.5	19.1	19.5	20.4	21.8		
S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73		
ΔT	27.5	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21		
kW	1.43	1.46	1.51	1.56	1.54	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	1.77	1.83	1.89	1.80	1.84	1.90	1.97	1.87	1.91	1.97	2.04		
Amps	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.7	6.8	7.0	7.3	7.1	7.3	7.5	7.8	7.5	7.7	8.0	8.2	8.0	8.1	8.4	8.7		
Hi PR	205	221	233	243	230	248	262	273	262	282	298	311	298	321	339	354	336	361	382	398	371	399	422	440		
Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\* -1 HIGH STAGE

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	1294	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
	1150	KW	2.16	2.20	2.27	-	2.33	2.38	2.46	-	2.48	2.53	2.62	-	2.61	2.67	2.76	-	2.72	2.78	2.88	-	2.82	2.88	2.98	-	
		Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.4	-	
		Hi/PR	220	237	250	-	247	266	280	-	281	302	319	-	320	344	363	-	360	387	409	-	397	428	452	-	
	1006	Lo/PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	135	143	156	-	
		MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	
	75	1294	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
			S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
			ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
1150		KW	2.17	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	2.69	2.78	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11	
		Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0	
		Hi/PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	401	432	456	476	
1006		Lo/PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168	
		MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
75		1150	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10
			KW	2.16	2.20	2.28	2.35	2.33	2.38	2.46	2.54	2.48	2.53	2.62	2.70	2.61	2.67	2.76	2.85	2.72	2.78	2.88	2.98	2.82	2.88	2.98	3.08
			Amps	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9
	1006	Hi/PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	363	379	360	387	409	426	397	428	452	471	
		Lo/PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	135	143	156	166	
		MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	
	1006	S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.39	
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	
		KW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.64	2.54	2.60	2.69	2.78	2.65	2.71	2.80	2.90	2.75	2.81	2.90	3.00	
	1006	Amps	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5	
		Hi/PR	213	230	243	253	239	258	272	284	272	293	309	323	310	334	352	368	349	376	397	414	386	415	438	457	
		Lo/PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	161	

Shaded area reflects ACCA (TYVA) conditions  
Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions

Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\* -1 HIGH STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1294	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5	
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.74	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60	
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	22	21	18	14	20	21	18	14	
	1150	kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14	
		Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1	
		Hi/PR	224	242	255	266	252	271	286	299	286	308	325	339	326	351	371	387	367	395	417	435	406	436	461	481	
	1006	Lo/PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	
		MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5	
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57	
	85	1294	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
			kW	2.18	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	2.69	2.78	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11
			Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0
1150		Hi/PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	363	391	413	431	401	432	456	476	
		Lo/PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168	
		MBh	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	
1006		S/T	0.84	0.79	0.64	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55	
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15	
		kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.50	2.44	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.74	2.83	2.92	2.77	2.83	2.93	3.03	
1294		Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.6	
		Hi/PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	401	418	389	419	443	462	
		Lo/PR	105	112	122	130	111	119	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	
85	1294	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3	
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
		ΔT	24	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18	
	1150	kW	2.21	2.26	2.33	2.41	2.39	2.44	2.52	2.60	2.54	2.60	2.68	2.77	2.68	2.74	2.83	2.93	2.79	2.86	2.95	3.05	2.89	2.96	3.06	3.17	
		Amps	8.5	8.7	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.7	12.0	12.5	12.0	12.3	12.8	13.2	
		Hi/PR	227	244	258	269	254	274	289	301	289	311	329	343	329	355	374	391	371	399	421	439	410	441	465	485	
	1006	Lo/PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148	161	172	
		MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	
	1294	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	24	25	24	21	23	23	22	19	
		kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14	
		Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1	
1150	Hi/PR	224	242	255	266	252	271	286	299	286	308	325	339	326	351	371	387	367	395	417	435	406	436	461	481		
	Lo/PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170		
	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		
1006	S/T	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72		
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20		
	kW	2.14	2.19	2.26	2.33	2.31	2.36	2.43	2.52	2.46	2.51	2.59	2.68	2.59	2.64	2.73	2.83	2.70	2.76	2.85	2.95	2.79	2.86	2.95	3.06		
1294	Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.9	12.3	12.8		
	Hi/PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466		
	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		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 ΔT = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160481A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 Low Stage

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	33.7	35.0	38.3	-	33.0	34.2	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.9	-	27.6	28.6	31.4	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
	KW	1.96	2.00	2.07	-	2.12	2.16	2.23	-	2.25	2.30	2.38	-	2.37	2.43	2.51	-	2.48	2.53	2.62	-	2.57	2.62	2.71	-
	Amps	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.5	9.7	10.1	-	10.1	10.4	10.7	-	10.7	11.0	11.3	-
	Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	297	320	338	-	335	360	380	-	370	398	420	-
	Lo PR	109	116	126	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	MBh	32.8	34.0	37.2	-	32.0	33.2	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	28.9	30.0	32.9	-	26.8	27.8	30.4	-
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
KW	1.95	1.99	2.05	-	2.10	2.15	2.22	-	2.23	2.28	2.36	-	2.35	2.41	2.49	-	2.46	2.51	2.60	-	2.54	2.60	2.69	-	
Amps	7.5	7.7	8.0	-	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.7	10.0	-	10.0	10.3	10.6	-	10.6	10.9	11.2	-	
Hi PR	203	218	230	-	227	245	258	-	259	278	294	-	294	317	335	-	331	356	376	-	366	394	416	-	
Lo PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	-	
MBh	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.1	31.9	-	26.7	27.7	30.3	-	24.7	25.7	28.1	-	
S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
KW	1.90	1.94	2.00	-	2.05	2.09	2.16	-	2.18	2.23	2.30	-	2.29	2.35	2.42	-	2.39	2.45	2.53	-	2.48	2.53	2.62	-	
Amps	7.3	7.5	7.8	-	7.9	8.1	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	10.3	10.6	10.9	-	
Hi PR	197	211	223	-	221	237	251	-	251	270	285	-	286	307	325	-	321	346	365	-	355	382	403	-	
Lo PR	105	111	121	-	110	117	128	-	115	122	133	-	121	128	140	-	126	134	147	-	131	139	152	-	

75	MBh	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.1	32.7	33.7	36.5	39.1	31.9	32.9	35.6	38.2	30.3	31.2	33.8	36.3	28.1	28.9	31.3	33.6
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	KW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.39	2.45	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
	Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	323	341	356	338	364	384	401	373	402	424	443
	Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170
	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.3	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	29.4	30.3	32.8	35.2	27.3	28.1	30.4	32.6
	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
KW	1.96	2.00	2.07	2.14	2.12	2.16	2.23	2.31	2.25	2.30	2.38	2.46	2.37	2.43	2.51	2.60	2.48	2.53	2.62	2.71	2.57	2.63	2.71	2.81	
Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.7	10.1	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.3	11.8	
Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	297	320	338	353	335	360	380	397	370	398	420	438	
Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	
MBh	30.7	31.7	34.3	36.8	30.0	30.9	33.5	35.9	29.3	30.2	32.7	35.1	28.6	29.4	31.9	34.2	27.2	28.0	30.3	32.5	25.2	25.9	28.0	30.1	
S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	
ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
KW	1.91	1.95	2.02	2.08	2.06	2.11	2.18	2.25	2.20	2.25	2.32	2.40	2.31	2.37	2.45	2.53	2.41	2.47	2.55	2.64	2.50	2.56	2.64	2.74	
Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.8	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.2	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.4	
Hi PR	199	214	226	235	223	240	253	264	253	273	288	300	289	311	328	342	325	349	369	385	359	386	408	425	
Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects ACCA (TVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — ASZ160481A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 Low Stage (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1209	MBh	34.9	35.7	38.1	40.8	34.1	34.9	37.2	39.8	33.3	34.0	36.3	38.9	32.5	33.2	35.5	37.9	30.9	31.5	33.7	36.0	28.6	29.2	31.2	33.4	
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61	
		ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	22	22	19	15	
	1075	KW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86	
		Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0	
		Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447	
	941	Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	
		MBh	33.9	34.6	37.0	39.6	33.1	33.8	36.2	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.0	30.6	32.7	35.0	27.8	28.4	30.3	32.4	
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
	85	1209	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
			KW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.40	2.45	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
			Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
1075		Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	323	341	356	338	364	384	401	373	402	424	443	
		Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	
		MBh	31.3	32.0	34.2	36.5	30.6	31.2	33.4	35.7	29.8	30.5	32.6	34.8	29.1	29.7	31.8	34.0	27.7	28.3	30.2	32.3	25.6	26.2	28.0	29.9	
941		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	
		ΔT	26	25	22	17	26	25	22	17	26	25	22	18	27	25	22	18	27	25	22	17	24	23	20	16	
		KW	1.93	1.97	2.03	2.10	2.08	2.13	2.20	2.27	2.22	2.26	2.34	2.42	2.33	2.39	2.47	2.55	2.43	2.49	2.57	2.66	2.52	2.58	2.67	2.76	
1209		Amps	7.5	7.6	7.9	8.2	8.1	8.3	8.5	8.8	8.8	9.0	9.3	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6	
		Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	291	314	331	345	328	353	373	389	362	390	412	429	
		Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	
85	1209	MBh	35.5	36.2	37.9	40.5	34.7	35.4	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.6	31.4	32.0	33.5	35.8	29.1	29.6	31.1	33.1	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	23	20	
	1075	KW	2.01	2.05	2.12	2.19	2.17	2.22	2.29	2.37	2.31	2.36	2.44	2.53	2.44	2.49	2.58	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.79	2.88	
		Amps	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	
		Hi PR	211	227	240	250	237	255	269	280	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452	
	941	Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
		MBh	34.5	35.2	36.8	39.3	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.5	30.5	31.1	32.5	34.7	28.2	28.8	30.1	32.2	
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75	
	1209	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	27	26	22	24	25	24	21	
		KW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86	
		Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0	
1075	Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447		
	Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172		
	MBh	31.8	32.5	34.0	36.3	31.1	31.7	33.2	35.4	30.4	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.1	28.7	30.0	32.0	26.1	26.6	27.8	29.7		
941	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72		
	ΔT	27.8	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	27	26	22	25	26	24	21		
	KW	1.94	1.99	2.05	2.12	2.10	2.14	2.22	2.29	2.23	2.28	2.36	2.44	2.35	2.41	2.49	2.57	2.46	2.51	2.60	2.69	2.54	2.60	2.69	2.78		
1209	Amps	7.5	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.7		
	Hi PR	203	218	230	240	227	245	258	269	258	278	294	306	294	317	335	349	331	356	376	393	366	394	416	434		
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — AS2160481A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 HIGH STAGE

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	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	11	-
	kW	2.82	2.88	2.98	-	3.04	3.11	3.21	-	3.24	3.31	3.42	-	3.41	3.48	3.60	-	3.55	3.63	3.75	-	3.68	3.76	3.89	-
	Amps	5.8	6.0	6.4	-	6.6	6.9	7.3	-	7.6	7.9	8.3	-	8.5	8.8	9.3	-	9.3	9.7	10.2	-	10.2	10.5	11.1	-
	Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-
	Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-
	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-
	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	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
kW	2.80	2.86	2.95	-	3.02	3.08	3.18	-	3.21	3.28	3.39	-	3.38	3.45	3.57	-	3.52	3.60	3.72	-	3.65	3.73	3.86	-	
Amps	5.7	5.9	6.3	-	6.5	6.8	7.2	-	7.5	7.8	8.2	-	8.4	8.7	9.1	-	9.2	9.5	10.0	-	10.0	10.4	10.9	-	
Hi PR	210	226	238	-	235	253	267	-	267	288	304	-	305	328	346	-	343	369	389	-	379	408	430	-	
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	
MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-	
S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
kW	2.73	2.79	2.88	-	2.94	3.01	3.10	-	3.13	3.20	3.30	-	3.29	3.37	3.48	-	3.43	3.51	3.63	-	3.55	3.63	3.76	-	
Amps	5.4	5.6	6.0	-	6.2	6.5	6.9	-	7.2	7.5	7.9	-	8.0	8.3	8.7	-	8.8	9.1	9.6	-	9.6	10.0	10.5	-	
Hi PR	203	219	231	-	228	245	259	-	259	279	295	-	296	318	336	-	332	358	378	-	367	395	417	-	
Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	

75	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
	kW	2.85	2.91	3.00	3.10	3.07	3.14	3.24	3.34	3.26	3.34	3.45	3.56	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06
	Amps	5.9	6.1	6.5	6.9	6.7	7.0	7.4	7.9	7.7	8.0	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8
	Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0
	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	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
kW	2.82	2.88	2.98	3.07	3.04	3.11	3.21	3.32	3.24	3.31	3.42	3.53	3.41	3.48	3.60	3.72	3.55	3.63	3.75	3.88	3.68	3.76	3.89	4.02	
Amps	5.8	6.0	6.4	6.8	6.6	6.9	7.3	7.7	7.6	7.9	8.3	8.8	8.5	8.8	9.3	9.8	9.3	9.7	10.2	10.7	10.2	10.5	11.1	11.7	
Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	373	393	410	383	412	435	453	
Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	
MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5	
S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	
ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
kW	2.76	2.81	2.90	3.00	2.97	3.03	3.13	3.23	3.16	3.23	3.33	3.44	3.32	3.40	3.51	3.63	3.46	3.54	3.66	3.78	3.59	3.67	3.79	3.92	
Amps	5.5	5.7	6.1	6.5	6.3	6.6	7.0	7.4	7.3	7.6	8.0	8.5	8.1	8.4	8.9	9.4	8.9	9.3	9.8	10.3	9.8	10.1	10.6	11.2	
Hi PR	205	221	233	243	230	248	262	273	262	282	298	311	299	321	339	354	336	361	382	398	371	399	422	440	
Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects ACCA (TVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHR1 95 test conditions  
 Amps = outdoor unit amps (comp. +fan)

EXPANDED COOLING DATA — ASZ160481A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 HIGH STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1744	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0	
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	24	23	20	16	25	23	20	16	24	23	20	16	24	24	20	16	22	23	20	16	21	21	19	15
		kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.48	3.59	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09
		Amps	6.0	6.2	6.6	7.0	6.8	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0
		HiPR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	443	463
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168
		MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16
	1550	2.85	2.91	3.00	3.10	3.07	3.14	3.24	3.34	3.26	3.34	3.45	3.56	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06	
	Amps	5.9	6.1	6.5	6.9	6.7	7.0	7.4	7.9	7.7	8.0	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	
	HiPR	214	230	243	253	240	258	273	284	273	294	310	323	311	335	353	368	350	376	397	414	386	416	439	458	
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	
	MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2	
	S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	22	17	24	23	20	16	
	1356	2.78	2.84	2.93	3.02	2.99	3.06	3.16	3.26	3.18	3.25	3.36	3.47	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.82	3.95	
	Amps	5.6	5.8	6.2	6.6	6.4	6.7	7.1	7.5	7.4	7.7	8.1	8.6	8.2	8.6	9.0	9.5	9.1	9.4	9.9	10.4	9.9	10.3	10.8	11.4	
	HiPR	207	223	236	246	233	251	265	276	265	285	301	314	302	324	343	357	339	365	385	402	375	403	426	444	
	Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	
85	1744	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7	
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	26	25	24	21	25	26	24	21	25	25	24	21	24	25	24	21	24	23	23	21	21	21	22	19
		kW	2.89	2.96	3.05	3.15	3.12	3.19	3.29	3.40	3.32	3.39	3.50	3.62	3.49	3.57	3.69	3.82	3.64	3.73	3.85	3.98	3.77	3.86	3.99	4.13
		Amps	6.1	6.3	6.7	7.1	7.0	7.2	7.6	8.1	8.0	8.3	8.7	9.2	8.9	9.2	9.7	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1
		HiPR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170
		MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	26	25	25	22	23	24	23	20
	1550	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.48	3.59	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09	
	Amps	6.0	6.2	6.6	7.0	6.8	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0	
	HiPR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	443	463	
	Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	
	MBh	43.9	44.8	46.9	50.0	42.9	43.7	45.8	48.9	41.9	42.7	44.7	47.7	40.9	41.7	43.6	46.5	38.8	39.6	41.4	44.2	36.0	36.7	38.4	41.0	
	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	27	27	25	22	27	27	26	22	28	27	26	22	28	27	26	22	28	27	26	22	24	25	24	21	
	1356	2.80	2.86	2.95	3.05	3.02	3.08	3.18	3.29	3.21	3.28	3.39	3.50	3.38	3.45	3.57	3.69	3.52	3.60	3.72	3.85	3.65	3.73	3.85	3.99	
	Amps	5.7	5.9	6.3	6.7	6.5	6.8	7.2	7.6	7.5	7.8	8.2	8.7	8.4	8.7	9.1	9.7	9.2	9.5	10.0	10.6	10.0	10.4	10.9	11.5	
	HiPR	210	225	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449	
	Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. fan)

EXPANDED COOLING DATA — ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 Low Stage

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	1350	MBh	39.8	41.3	45.2	-	38.9	40.3	44.2	-	38.0	39.4	43.1	-	37.0	38.4	42.1	-	35.2	36.5	40.0	-	32.6	33.8	37.0	-
		S/T	0.72	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	kW	2.45	2.51	2.59	-	2.65	2.71	2.80	-	2.83	2.89	2.99	-	2.98	3.05	3.16	-	3.12	3.19	3.30	-	3.23	3.31	3.42	-	
	Amps	9.5	9.7	10.0	-	10.2	10.5	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-	
	Hi PR	207	222	235	-	232	250	264	-	264	284	300	-	301	323	341	-	338	364	384	-	374	402	424	-	
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-	
	MBh	38.7	40.1	43.9	-	37.8	39.1	42.9	-	36.9	38.2	41.9	-	36.0	37.3	40.8	-	34.2	35.4	38.8	-	31.6	32.8	35.9	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	
	ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
kW	2.43	2.48	2.57	-	2.63	2.69	2.78	-	2.80	2.87	2.97	-	2.96	3.03	3.13	-	3.09	3.16	3.27	-	3.20	3.28	3.39	-		
Amps	9.4	9.6	9.9	-	10.1	10.4	10.7	-	11.0	11.3	11.7	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.3	13.6	14.1	-		
Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	298	320	338	-	335	360	380	-	370	398	420	-		
Lo PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	133	145	-	129	137	150	-		
MBh	35.7	37.0	40.5	-	34.9	36.1	39.6	-	34.0	35.3	38.6	-	33.2	34.4	37.7	-	31.5	32.7	35.8	-	29.2	30.3	33.2	-		
S/T	0.67	0.56	0.39	-	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	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-		
kW	2.37	2.42	2.50	-	2.56	2.62	2.71	-	2.73	2.79	2.89	-	2.88	2.95	3.05	-	3.01	3.08	3.18	-	3.12	3.19	3.30	-		
Amps	9.1	9.3	9.6	-	9.9	10.1	10.4	-	10.7	11.0	11.3	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.3	13.7	-		
Hi PR	199	214	226	-	223	240	253	-	253	273	288	-	289	311	328	-	325	349	369	-	359	386	408	-		
Lo PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	129	140	-	125	133	145	-		

75	1350	MBh	40.5	41.7	45.1	48.4	39.6	40.7	44.1	47.3	38.6	39.8	43.0	46.2	37.7	38.8	42.0	45.1	35.8	36.8	39.9	42.8	33.2	34.1	36.9	39.7
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.95	0.85	0.64	0.41
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	
	kW	2.47	2.53	2.61	2.70	2.67	2.74	2.83	2.93	2.85	2.92	3.02	3.12	3.01	3.08	3.19	3.30	3.14	3.22	3.33	3.45	3.26	3.34	3.45	3.58	
	Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.1	13.6	13.9	14.4	14.9	
	Hi PR	209	225	237	248	234	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	377	406	429	447	
	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	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.5	38.6	41.8	44.8	36.6	37.7	40.8	43.7	34.7	35.8	38.7	41.6	32.2	33.1	35.9	38.5	
	S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	12	
kW	2.45	2.51	2.59	2.68	2.65	2.71	2.80	2.90	2.83	2.89	2.99	3.10	2.98	3.05	3.16	3.27	3.12	3.19	3.30	3.42	3.23	3.31	3.42	3.54		
Amps	9.5	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.8	14.2	14.8		
Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	323	342	356	338	364	384	401	374	402	425	443		
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		
MBh	36.3	37.4	40.4	43.4	35.4	36.5	39.5	42.4	34.6	35.6	38.6	41.4	33.8	34.8	37.6	40.4	32.1	33.0	35.7	38.4	29.7	30.6	33.1	35.5		
S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38		
ΔT	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17	12		
kW	2.39	2.44	2.52	2.61	2.58	2.64	2.73	2.83	2.75	2.82	2.91	3.02	2.91	2.97	3.08	3.18	3.03	3.11	3.21	3.33	3.15	3.22	3.33	3.45		
Amps	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.4		
Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	292	314	331	346	328	353	373	389	362	390	412	430		
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		

IDB: Entering Indoor Dry Bulb Temperature      kW = Total system power      Shaded area reflects ACCA (TYVA) conditions      Amps = outdoor unit amps (comp.+fan)  
 High and low pressures are measured at the liquid and suction service valves.      Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions



EXPANDED COOLING DATA — ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 Low Stage (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1350	MBh	41.2	42.1	45.0	48.1	40.3	41.1	44.0	47.0	39.3	40.2	42.9	45.9	38.3	39.2	41.9	44.7	36.4	37.2	39.8	42.5	33.7	34.5	36.8	39.4	
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.79	0.59	
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16	
	1200	kW	2.49	2.55	2.63	2.72	2.70	2.76	2.85	2.95	2.88	2.94	3.05	3.15	3.04	3.11	3.22	3.33	3.17	3.25	3.36	3.48	3.29	3.37	3.48	3.61	
		Amps	9.6	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1	
		Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452	
	1050	Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	152	128	137	149	159	133	141	154	164	
		MBh	40.0	40.9	43.7	46.7	39.1	39.9	42.7	45.6	38.2	39.0	41.7	44.5	37.2	38.0	40.6	43.4	35.4	36.1	38.6	41.3	32.8	33.5	35.8	38.2	
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
	85	1350	ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17
			kW	2.47	2.53	2.61	2.70	2.67	2.74	2.83	2.93	2.85	2.92	3.02	3.12	3.01	3.08	3.19	3.30	3.14	3.22	3.33	3.45	3.26	3.34	3.45	3.58
			Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.1	13.6	13.9	14.4	14.9
1200		Hi PR	209	225	237	248	234	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	377	406	429	447	
		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	36.9	37.7	40.3	43.1	36.1	36.9	39.4	42.1	35.2	36.0	38.4	41.1	34.4	35.1	37.5	40.1	32.6	33.4	35.6	38.1	30.2	30.9	33.0	35.3	
1050		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	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54	
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	25	22	18	25	24	21	17	
		kW	2.41	2.46	2.55	2.63	2.61	2.66	2.75	2.85	2.78	2.84	2.94	3.04	2.93	3.00	3.10	3.21	3.06	3.13	3.24	3.36	3.17	3.25	3.36	3.48	
85		Amps	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5	
		Hi PR	203	218	230	240	227	245	258	269	259	278	294	306	294	317	335	349	331	357	376	393	366	394	416	434	
		Lo PR	102	109	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158	
85	1350	MBh	41.9	42.7	44.8	47.8	41.0	41.8	43.7	46.7	40.0	40.8	42.7	45.5	39.0	39.8	41.6	44.4	37.1	37.8	39.6	42.2	34.3	35.0	36.7	39.1	
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	25	26	25	22	23	24	24	20	
	1200	kW	2.51	2.57	2.66	2.75	2.72	2.78	2.88	2.98	2.90	2.97	3.07	3.18	3.06	3.13	3.24	3.36	3.20	3.27	3.39	3.51	3.32	3.40	3.51	3.64	
		Amps	9.7	10.0	10.3	10.7	10.5	10.8	11.1	11.6	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.5	13.0	13.4	13.8	14.3	13.8	14.2	14.6	15.2	
		Hi PR	213	229	242	253	239	257	272	283	272	293	309	322	310	333	352	367	348	375	396	413	385	414	437	456	
	1050	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	40.7	41.5	43.5	46.4	39.8	40.5	42.5	45.3	38.8	39.6	41.4	44.2	37.9	38.6	40.4	43.1	36.0	36.7	38.4	41.0	33.3	34.0	35.6	38.0	
		S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73	
	85	1350	ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
			kW	2.49	2.55	2.63	2.72	2.70	2.76	2.85	2.95	2.88	2.94	3.05	3.15	3.04	3.11	3.22	3.33	3.17	3.25	3.36	3.48	3.29	3.37	3.48	3.61
			Amps	9.6	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1
1200		Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452	
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	152	128	137	149	159	133	141	154	164	
		MBh	37.6	38.3	40.1	42.8	36.7	37.4	39.2	41.8	35.8	36.5	38.3	40.8	35.0	35.6	37.3	39.8	33.2	33.9	35.5	37.8	30.8	31.4	32.8	35.0	
1050		S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.96	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71	
		ΔT	28.7	28	27	23	29	29	27	23	29	29	27	23	29	29	27	23	29	29	28	27	23	27	26	25	22
		kW	2.43	2.48	2.57	2.65	2.63	2.69	2.78	2.87	2.80	2.87	2.97	3.07	2.96	3.03	3.13	3.24	3.09	3.16	3.27	3.39	3.20	3.28	3.39	3.51	
85		Amps	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.5	12.9	13.3	13.8	13.3	13.6	14.1	14.6	
		Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	297	320	338	353	335	360	380	397	370	398	420	438	
		Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	

IDB: Entering Indoor Dry Bulb Temperature      kW = Total system power      Shaded area reflects AHRI conditions      Amps = outdoor unit amps (comp. +fan)  
 High and low pressures are measured at the liquid and suction service valves.      Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions

EXPANDED COOLING DATA — ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 HIGH STAGE

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	2025	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-	
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
	1800	ΔT	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-	
		kW	3.57	3.65	3.77	-	3.85	3.94	4.07	-	4.10	4.20	4.34	-	4.32	4.42	4.57	-	4.51	4.61	4.77	-	4.67	4.78	4.94	-	
	1575	Amps	13.1	13.4	13.9	-	14.2	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.6	-	17.7	18.1	18.7	-	18.7	19.2	19.9	-	
		HiPR	214	230	243	-	240	258	273	-	273	294	310	-	311	334	353	-	350	376	397	-	386	416	439	-	
	75	2025	LoPR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	146	-
			MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		1800	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
			ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
1575		kW	3.54	3.62	3.74	-	3.82	3.91	4.04	-	4.07	4.16	4.30	-	4.29	4.38	4.53	-	4.47	4.58	4.73	-	4.63	4.74	4.90	-	
		Amps	13.0	13.3	13.8	-	14.1	14.4	14.9	-	15.3	15.7	16.3	-	16.4	16.8	17.4	-	17.5	17.9	18.6	-	18.6	19.0	19.7	-	
75		2025	HiPR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-
			LoPR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	128	140	-	125	133	145	-
		1800	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
			S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	1575	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	
		kW	3.46	3.53	3.64	-	3.73	3.81	3.93	-	3.97	4.06	4.19	-	4.18	4.27	4.42	-	4.36	4.46	4.61	-	4.51	4.62	4.77	-	
	75	2025	Amps	12.6	13.0	13.4	-	13.7	14.0	14.5	-	14.9	15.3	15.8	-	16.0	16.4	16.9	-	17.0	17.4	18.0	-	18.0	18.5	19.1	-
			HiPR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	382	-	371	399	422	-
		1800	LoPR	97	103	112	-	102	109	119	-	106	113	124	-	112	119	130	-	117	125	136	-	121	129	141	-
			MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
1575		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	0.92	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42	
		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	
75		2025	kW	3.60	3.68	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.52	4.36	4.46	4.61	4.77	4.55	4.65	4.81	4.98	4.71	4.82	4.99	5.16
			Amps	13.2	13.6	14.0	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	17.2	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
		1800	HiPR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	363	380	401	419	390	420	443	463
			LoPR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	136	145	123	131	143	152	127	136	148	158
	1575	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0	
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40	
	75	2025	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
			kW	3.57	3.65	3.77	3.89	3.85	3.94	4.07	4.21	4.10	4.20	4.34	4.48	4.32	4.42	4.57	4.73	4.51	4.62	4.77	4.94	4.67	4.78	4.94	5.12
		1800	Amps	13.1	13.5	13.9	14.4	14.2	14.6	15.1	15.6	15.5	15.9	16.4	17.0	16.6	17.0	17.6	18.3	17.7	18.1	18.7	19.5	18.8	19.2	19.9	20.7
			HiPR	214	230	243	253	240	258	273	284	273	294	310	323	311	335	353	368	350	376	397	414	386	416	439	458
1575		LoPR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156	
		MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
75		2025	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
			ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		1800	kW	3.48	3.56	3.67	3.80	3.76	3.84	3.97	4.10	4.00	4.09	4.23	4.37	4.21	4.31	4.45	4.61	4.40	4.50	4.65	4.81	4.55	4.66	4.82	4.98
			Amps	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.2	15.1	15.4	16.0	16.6	16.1	16.5	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.1
	1575	HiPR	207	223	236	246	233	250	265	276	265	285	301	314	302	324	343	357	339	365	385	402	375	403	426	444	
		LoPR	98	104	114	121	103	110	120	128	107	114	125	133	113	120	131	140	118	126	137	146	122	130	142	151	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Shaded area reflects ACCA (TYVA) conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1 HIGH STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	2025	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2	
		S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61	
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	24	24	21	16	23	24	22	16	21	22	19	15	
	1800	KW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21	
		Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.3	21.1	
		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
	1575	Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
		MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
	85	2025	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	21	17	26	25	22	17	23	23	20	16
			KW	3.60	3.68	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.52	4.36	4.46	4.61	4.77	4.55	4.66	4.81	4.98	4.71	4.82	4.99	5.16
			Amps	13.3	13.6	14.0	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	17.2	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
1800		Hi PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	444	463	
		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	
		MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	
1575		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.91	0.74	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	
		KW	3.51	3.59	3.71	3.83	3.79	3.87	4.00	4.14	4.03	4.13	4.26	4.41	4.25	4.35	4.49	4.65	4.43	4.54	4.69	4.85	4.59	4.70	4.86	5.03	
85		2025	Amps	12.9	13.2	13.6	14.2	14.0	14.3	14.8	15.3	15.2	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
			Hi PR	210	225	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449
			Lo PR	99	105	115	122	104	111	121	129	109	115	126	134	114	121	132	141	119	127	139	148	124	131	144	153
	1800	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	56.5	59.2	48.2	49.1	51.4	54.8	
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
		ΔT	26	25	24	21	26	26	24	21	25	26	24	21	25	25	25	21	24	24	24	21	22	22	23	20	
	1575	KW	3.66	3.74	3.86	3.99	3.95	4.04	4.17	4.31	4.21	4.30	4.45	4.60	4.44	4.54	4.69	4.85	4.63	4.74	4.90	5.07	4.80	4.91	5.07	5.25	
		Amps	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.9	16.3	16.9	17.5	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.8	20.5	21.3	
		Hi PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	409	427	398	428	452	472	
	85	2025	Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161
			MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
			S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
1800		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20	
		KW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21	
		Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.3	21.1	
1575		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
		Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
		MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1	
1575		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72	
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21	
		KW	3.54	3.62	3.74	3.86	3.82	3.91	4.03	4.17	4.07	4.16	4.30	4.44	4.29	4.38	4.53	4.69	4.47	4.57	4.73	4.89	4.63	4.74	4.90	5.07	
1575	Amps	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.3	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.0	19.7	20.5		
	Hi PR	212	228	240	251	237	256	270	281	270	291	307	320	308	331	350	365	346	372	393	410	382	411	434	453		
	Lo PR	100	106	116	123	105	112	122	130	110	117	127	136	115	122	134	142	121	128	140	149	125	133	145	154		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 ΔT = Total system power  
 Shaded area reflects AHRI conditions  
 Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

# EXPANDED HEATING DATA — LOW STAGE

ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\*-1

LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	20.8	19.7	18.5	17.3	16.6	16.0	14.9	13.7	13.1	12.1	11.1	10.5	10.1	9.1	8.1	7.0	6.0	4.9
ΔT	30.2	28.6	26.9	25.2	24.1	23.3	21.7	20.0	19.0	17.6	16.2	15.3	14.7	13.2	11.7	10.2	8.7	7.1
kW	1.42	1.40	1.37	1.34	1.32	1.31	1.28	1.25	1.37	1.33	1.30	1.28	1.27	1.23	1.20	1.17	1.14	1.10
Amps	6.8	6.3	5.9	5.6	5.4	5.3	5.0	4.7	4.5	4.3	4.1	4.0	4.0	3.8	3.5	3.3	3.1	2.8
COP	4.27	4.13	3.97	3.79	3.67	3.59	3.41	3.21	2.81	2.66	2.51	2.40	2.34	2.15	1.96	1.76	1.54	1.30
EER	14.6	14.1	13.6	13.0	12.5	12.3	11.6	11.0	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.5
Hi PR	360	345	331	317	309	304	292	280	268	256	246	240	236	227	218	209	202	195
Lo PR	150	139	130	119	113	109	100	89	80	72	63	59	56	48	41	35	30	24

ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\*-1

LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.3	28.7	27.0	25.3	24.1	23.4	21.7	20.0	18.1	16.7	15.4	14.5	14.0	12.6	11.1	9.7	8.3	6.8
ΔT	35.1	33.2	31.3	29.2	27.9	27.1	25.1	23.2	21.0	19.4	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.9
kW	2.03	1.98	1.94	1.90	1.9	1.86	1.82	1.78	1.93	1.89	1.84	1.81	1.79	1.75	1.70	1.65	1.61	1.56
Amps	9.8	9.1	8.5	8.0	7.8	7.6	7.2	6.8	6.6	6.3	6.0	5.8	5.8	5.5	5.1	4.8	4.5	4.1
COP	4.38	4.23	4.07	3.89	3.76	3.68	3.49	3.29	2.74	2.60	2.45	2.35	2.29	2.11	1.92	1.72	1.51	1.27
EER	15.0	14.5	13.9	13.3	12.8	12.6	11.9	11.3	9.4	8.9	8.4	8.0	7.8	7.2	6.6	5.9	5.2	4.4
Hi PR	379	363	349	334	326	320	307	295	282	270	259	253	248	239	230	220	212	205
Lo PR	149	139	130	119	113	108	100	89	80	72	63	58	56	48	41	35	30	24

ASZ160481A\* / CA\*F4860\*6A\* +T XV / MBE2000\*\*-1

LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	30.9	28.5	25.7	23.7	21.8	20.6	19.9	17.8	15.8	13.8	11.8	9.6
ΔT	37.2	35.2	33.1	31.0	29.6	28.7	26.6	24.6	22.1	20.4	18.8	17.8	17.1	15.4	13.6	11.9	10.1	8.3
kW	2.97	2.91	2.85	2.79	2.8	2.72	2.66	2.60	2.71	2.65	2.58	2.54	2.52	2.45	2.38	2.32	2.25	2.18
Amps	14.1	13.1	12.2	11.5	11.1	10.9	10.3	9.7	9.3	8.9	8.5	8.3	8.1	7.7	7.2	6.8	6.3	5.6
COP	4.25	4.11	3.95	3.78	3.66	3.58	3.40	3.21	2.77	2.62	2.48	2.38	2.31	2.13	1.94	1.74	1.53	1.29
EER	14.5	14.0	13.5	12.9	12.5	12.2	11.6	11.0	9.5	9.0	8.5	8.1	7.9	7.3	6.6	5.9	5.2	4.4
Hi PR	411	394	379	362	354	347	334	320	307	293	281	275	270	259	249	239	231	223
Lo PR	145	135	126	116	110	105	97	86	78	70	61	57	55	46	40	34	29	23

ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\*-1

LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	52.2	49.5	46.5	43.5	41.6	40.3	37.4	34.5	33.0	30.4	28.0	26.5	25.5	22.9	20.3	17.7	15.1	12.4
ΔT	40.3	38.2	35.9	33.6	32.1	31.1	28.9	26.6	25.4	23.5	21.6	20.4	19.7	17.6	15.6	13.6	11.6	9.5
kW	3.67	3.59	3.51	3.44	3.4	3.36	3.28	3.21	3.42	3.34	3.25	3.20	3.17	3.08	3.00	2.91	2.82	2.74
Amps	17.4	16.1	15.0	14.1	13.6	13.3	12.6	11.9	11.4	10.9	10.3	10.1	9.9	9.4	8.8	8.2	7.6	6.8
COP	4.16	4.03	3.88	3.71	3.59	3.51	3.33	3.15	2.82	2.67	2.52	2.42	2.35	2.17	1.98	1.78	1.56	1.32
EER	14.2	13.8	13.2	12.7	12.3	12.0	11.4	10.8	9.6	9.1	8.6	8.3	8.0	7.4	6.8	6.1	5.3	4.5
Hi PR	402	385	371	354	346	339	326	313	300	286	275	268	264	254	244	234	226	218
Lo PR	141	131	123	113	107	103	94	84	76	68	59	55	53	45	39	33	29	22

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

Low pressure is measured at the gauge port connection.

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

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

# EXPANDED HEATING DATA — HIGH STAGE

ASZ160241A\* / CA\*F3636\*6A\* + TXV / MBE1600\*\* -1

HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
ΔT	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
kW	1.86	1.83	1.79	1.75	1.7	1.71	1.68	1.64	1.72	1.68	1.64	1.61	1.60	1.56	1.52	1.48	1.44	1.40
Amps	8.7	8.0	7.5	7.1	6.8	6.7	6.3	6.0	5.7	5.5	5.2	5.1	5.0	4.8	4.5	4.2	3.9	3.5
COP	4.74	4.58	4.40	4.20	4.06	3.97	3.77	3.55	3.18	3.01	2.84	2.72	2.65	2.44	2.22	1.99	1.74	1.47
EER	16.2	15.6	15.0	14.3	13.9	13.6	12.9	12.1	10.9	10.3	9.7	9.3	9.0	8.3	7.6	6.8	6.0	5.0
Hi PR	359	344	331	316	309	303	291	279	268	256	245	240	235	226	218	209	201	194
Lo PR	145	134	126	116	109	105	97	86	78	69	61	57	55	46	40	34	29	23

ASZ160361A\* / CA\*F3642\*6A\* + TXV / MBE1600\*\* -1

HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
ΔT	34.8	33.0	31.0	29.0	27.7	26.8	24.9	23.0	21.1	19.4	17.9	16.9	16.3	14.6	13.0	11.3	9.6	7.9
kW	2.80	2.74	2.69	2.63	2.6	2.57	2.52	2.46	2.39	2.33	2.28	2.24	2.22	2.16	2.11	2.05	2.00	1.94
Amps	13.1	12.1	11.4	10.7	10.3	10.1	9.5	9.1	8.7	8.3	7.9	7.7	7.6	7.2	6.7	6.4	5.9	5.3
COP	4.52	4.37	4.20	4.01	3.88	3.79	3.60	3.40	3.21	3.03	2.86	2.74	2.66	2.45	2.23	2.00	1.75	1.48
EER	15.4	14.9	14.3	13.7	13.2	13.0	12.3	11.6	11.0	10.4	9.8	9.4	9.1	8.4	7.6	6.8	6.0	5.0
Hi PR	391	375	360	344	336	330	317	304	292	279	267	261	256	247	237	227	219	212
Lo PR	143	133	125	114	108	104	96	85	77	69	60	56	54	46	39	33	29	23

ASZ160481A\* / CA\*F4860\*6A\* +T XV / MBE2000\*\* -1

HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.1	55.9	52.6	49.2	47.0	45.5	42.3	39.0	41.1	38.0	34.9	33.0	31.8	28.5	25.3	22.0	18.8	15.4
ΔT	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	24.6	22.7	20.9	19.7	19.0	17.0	15.1	13.2	11.2	9.2
kW	3.81	3.73	3.65	3.58	3.5	3.50	3.42	3.35	3.33	3.25	3.17	3.13	3.10	3.02	2.94	2.86	2.78	2.71
Amps	18.8	17.1	15.6	14.4	13.7	13.3	12.2	11.3	10.6	9.9	9.2	8.8	8.6	7.9	7.0	6.3	5.4	4.3
COP	4.54	4.39	4.22	4.03	3.89	3.81	3.61	3.41	3.61	3.42	3.22	3.09	3.00	2.77	2.52	2.25	1.98	1.67
EER	15.5	15.0	14.4	13.8	13.3	13.0	12.4	11.7	12.3	11.7	11.0	10.6	10.3	9.5	8.6	7.7	6.8	5.7
Hi PR	402	386	371	354	346	340	326	313	300	287	275	269	264	254	244	234	226	218
Lo PR	139	129	121	111	105	101	93	82	74	66	58	54	52	44	38	32	28	22

ASZ160601A\* / CA\*F4860\*6A\* + TXV / MBE2000\*\* -1

HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	36.9	34.9	32.8	30.7	29.3	28.4	26.4	24.3	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	4.73	4.63	4.53	4.44	4.4	4.34	4.25	4.15	4.27	4.16	4.06	4.00	3.96	3.86	3.76	3.66	3.55	3.45
Amps	21.6	20.0	18.6	17.5	16.9	16.5	15.5	14.7	14.1	13.4	12.8	12.4	12.3	11.6	10.8	10.1	9.3	8.3
COP	4.44	4.29	4.12	3.94	3.81	3.73	3.54	3.34	3.08	2.91	2.75	2.63	2.56	2.36	2.15	1.92	1.69	1.42
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	10.5	9.9	9.4	9.0	8.7	8.1	7.3	6.6	5.8	4.9
Hi PR	395	379	364	348	340	334	321	308	295	282	270	264	259	249	240	230	222	214
Lo PR	133	124	116	106	101	97	89	79	71	64	56	52	50	43	37	31	27	21

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

Low pressure is measured at the gauge port connection.

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

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

# AHRI PERFORMANCE RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0241A*	AEPF303616C*+TXV		24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1444024
	AEPF313716A*+TXV		24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3323258
	CA*F3636*6B*+TXV	MBE1200** -1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1401110
	CA*F3636*6B*+TXV	MBE1600** -1	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1347424
	CA*F3636*6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1347425
	CA*F3636*6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1347426
	CA*F3636*6B*+TXV	A*V90704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1347427
	CA*F3636*6B*+TXV	A*V90453B**	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	1401109
	CA*F3636*6B*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	1404317
	CA*F3636*6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3028428
	CA*F3636*6B*+TXV	A*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3597050
	CA*F3636*6B*+TXV	A*VC950453BXA*	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	3597181
	CA*F3636*6B*+TXV	A*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3597221
	CA*F3636*6B*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3597417
	CA*F3636*6C*+TXV	MBE1600** -1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3555142
	CA*F3642*6B*+TXV	MBE1600** -1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149582
	CA*F3642*6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149578
	CA*F3642*6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149579
	CA*F3642*6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149580
	CA*F3642*6B*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3149581
	CA*F3642*6B*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597194
	CHPF3636B6B*+TXV	MBE1200** -1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3028429
	CHPF3636B6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149564
	CHPF3636B6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149565
	CHPF3636B6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149566
	CHPF3636B6B*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3149567
	CHPF3636B6B*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597191
	CHPF3636B6C*+TXV	MBE1200** -1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3299345
	CHPF3636B6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299346
	CHPF3636B6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299347
	CHPF3636B6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299348
	CHPF3636B6C*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3299349
	CHPF3636B6C*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597195
	CHPF3642C6B*+TXV	MBE1600** -1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149583
	CHPF3642C6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149568
	CHPF3642C6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149569
	CHPF3642C6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149570
	CHPF3642C6B*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3149571
	CHPF3642C6B*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597192
	CHPF3642C6C*+TXV	MBE1600** -1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299353
CHPF3642C6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299350	
CHPF3642C6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299351	
CHPF3642C6C*+TXV	A*V90704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299352	
CHPF3642C6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299354	
CHPF3642C6C*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3299355	
CHPF3642C6C*+TXV	A*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597051	

See Notes on Page 28.

# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0241A* (cont.)	CHPF3642C6C*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597196
	CHPF3642C6C*+TXV	A*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597222
	CHPF3743C6A*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347409
	CHPF3743C6A*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347410
	CHPF3743C6A*+TXV	A*V90704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347411
	CHPF3743C6A*+TXV	A*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597049
	CHPF3743C6A*+TXV	A*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597220
	CHPF3743C6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299356
	CHPF3743C6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299357
	CHPF3743C6B*+TXV	A*V90704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3299358
	CHPF3743C6B*+TXV	A*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597052
	CHPF3743C6B*+TXV	A*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597223
	CHPF3743D6A*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3028430
	CHPF3743D6B*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3299359
	CHTF3636B6A*+TXV	MBE1200**-1	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3186319
	CHTF3642C6A*+TXV	MBE1600**-1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3186334
	CSCF3036N6B*+TXV	A*V90704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347401
	CSCF3036N6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347402
	CSCF3036N6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	1347403
	CSCF3036N6B*+TXV	A*V80704B**	23,400	18,500	15	12	21,600	18,400	23,000	9.1	15,000	3149572
	CSCF3036N6B*+TXV	A*V90453B**	23,400	18,500	15	12	21,600	18,400	23,000	9.3	15,000	3149573
	CSCF3036N6B*+TXV	A*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597048
	CSCF3036N6B*+TXV	A*VC950453BXA*	23,400	18,500	15	12	21,600	18,400	23,000	9.3	15,000	3597182
	CSCF3036N6B*+TXV	A*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3597219
	CSCF3642N6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149574
	CSCF3642N6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149575
	CSCF3642N6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3149576
	CSCF3642N6C*+TXV	A*V90453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3149577
	CSCF3642N6C*+TXV	A*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3597193
	CT*F3636*6A*+TXV	MBE1200**-1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3186316
CT*F3636*6A*+TXV	MBE1600**-1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3186317	
CT*F3642*6A*+TXV	MBE1600**-1	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3186318	
ASZ16 0361A*	AEPF313716A*+TXV		34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3323254
	AEPF426016C*+TXV		34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	1492753
	CA*F3642*6C*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3555141
	CA*F3743*6A*+TXV	MBE1600**-1	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	1347428
	CA*F3743*6A*+TXV	MBE2000**-1*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3185952
	CA*F3743*6A*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347429
	CA*F3743*6A*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347430
	CA*F3743*6A*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	1347436
	CA*F3743*6A*+TXV	A*V80704B**	34,200	25,000	15.5	11.5	31,600	24,600	34,000	9.3	21,000	1401111
	CA*F3743*6A*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	1404325
	CA*F3743*6A*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1404328
	CA*F3743*6A*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1404331
	CA*F3743*6A*+TXV	A*V80905C**	34,200	25,000	15	12	31,600	24,600	34,000	9.5	20,400	3074673
	CA*F3743*6A*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185969
	CA*F3743*6A*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3588882

See Notes on Page 28.

# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0361A* (cont.)	CA*F3743*6A*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597063
	CA*F3743*6A*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597095
	CA*F3743*6A*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597203
	CA*F3743*6A*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597234
	CA*F3743*6A*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597266
	CA*F3743*6A*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597341
	CA*F3743*6A*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597420
	CA*F3743*6A*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597425
	CA*F3743*6A*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597434
	CA*F3743*6A*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3642814
	CA*F4860*6B*+TXV	MBE1600**-1	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185951
	CA*F4860*6B*+TXV	MBE2000**-1*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185953
	CA*F4860*6B*+TXV	A*V80704B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3185954
	CA*F4860*6B*+TXV	A*V80905C**	35,000	25,600	15.5	12	32,400	25,300	34,000	9.5	20,400	3185959
	CA*F4860*6B*+TXV	A*V90453B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3185970
	CA*F4860*6B*+TXV	A*V90704C**	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3185975
	CA*F4860*6B*+TXV	A*V90905D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185980
	CA*F4860*6B*+TXV	A*V91155D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185983
	CA*F4860*6B*+TXV	A*V81155C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3588883
	CA*F4860*6B*+TXV	A*VC90704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3597076
	CA*F4860*6B*+TXV	A*VC90905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597106
	CA*F4860*6B*+TXV	A*VC950453BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3597215
	CA*F4860*6B*+TXV	A*VC950704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3597247
	CA*F4860*6B*+TXV	A*VC950905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597277
	CA*F4860*6B*+TXV	A*VC951155DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597352
	CA*F4860*6B*+TXV	A*VC81155CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3642848
	CHPF3743C6A*+TXV	MBE1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347412
	CHPF3743C6A*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185955
	CHPF3743C6A*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3185960
	CHPF3743C6A*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185971
	CHPF3743C6A*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3185976
	CHPF3743C6A*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3185981
	CHPF3743C6A*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3185984
	CHPF3743C6A*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3588884
	CHPF3743C6A*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597064
	CHPF3743C6A*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597092
	CHPF3743C6A*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597204
	CHPF3743C6A*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597235
	CHPF3743C6A*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597263
	CHPF3743C6A*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597338
CHPF3743C6B*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299401	
CHPF3743C6B*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3299402	
CHPF3743C6B*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3299403	
CHPF3743C6B*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3299404	
CHPF3743C6B*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3299405	
CHPF3743C6B*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3299406	

See Notes on Page 28.



# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0361A* (cont.)	CHPF3743C6B*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299407
	CHPF3743C6B*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299408
	CHPF3743C6B*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597067
	CHPF3743C6B*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597093
	CHPF3743C6B*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597207
	CHPF3743C6B*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597238
	CHPF3743C6B*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597264
	CHPF3743C6B*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597339
	CHPF3743C6B*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3642815
	CHPF3743D6A*+TXV	MBE2000**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347413
	CHPF3743D6A*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347414
	CHPF3743D6A*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347415
	CHPF3743D6A*+TXV	A*V80905C**	34,200	25,000	15.5	12	31,600	24,600	34,000	9.5	20,400	3001100
	CHPF3743D6A*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185956
	CHPF3743D6A*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185972
	CHPF3743D6A*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3185977
	CHPF3743D6A*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3384434
	CHPF3743D6A*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3588885
	CHPF3743D6A*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597065
	CHPF3743D6A*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597091
	CHPF3743D6A*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597205
	CHPF3743D6A*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597236
	CHPF3743D6A*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597262
	CHPF3743D6A*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597337
	CHPF3743D6A*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597423
	CHPF3743D6B*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299409
	CHPF3743D6B*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3299410
	CHPF3743D6B*+TXV	A*V80905C**	34,200	25,000	15.5	12	31,600	24,600	34,000	9.5	20,400	3299411
	CHPF3743D6B*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3299412
	CHPF3743D6B*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3299413
	CHPF3743D6B*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3299414
	CHPF3743D6B*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299415
	CHPF3743D6B*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3299416
	CHPF3743D6B*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3384435
	CHPF3743D6B*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597068
	CHPF3743D6B*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597094
	CHPF3743D6B*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597208
	CHPF3743D6B*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597239
	CHPF3743D6B*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597265
	CHPF3743D6B*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597340
CHPF3743D6B*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597424	
CHPF3743D6B*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3642817	
CHTF3743C6A*+TXV	MBE1600**-1	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3186322	
CHTF3743D6A*+TXV	MBE2000**-1*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3186323	
CSCF3642N6C*+TXV	A*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347407	
CSCF3642N6C*+TXV	A*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	1347408	

See Notes on Page 28.

# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0361A* (cont.)	CSCF3642N6C*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185957
	CSCF3642N6C*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3185961
	CSCF3642N6C*+TXV	A*V90453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3185973
	CSCF3642N6C*+TXV	A*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3185978
	CSCF3642N6C*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3588886
	CSCF3642N6C*+TXV	A*VC90704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597066
	CSCF3642N6C*+TXV	A*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597090
	CSCF3642N6C*+TXV	A*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3597206
	CSCF3642N6C*+TXV	A*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3597237
	CSCF3642N6C*+TXV	A*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597261
	CSCF3642N6C*+TXV	A*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3597336
	CSCF3642N6C*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3642818
	CSCF4860N6C*+TXV	A*V80704B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3185958
	CSCF4860N6C*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3185962
	CSCF4860N6C*+TXV	A*V90453B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3185974
	CSCF4860N6C*+TXV	A*V90704C**	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3185979
	CSCF4860N6C*+TXV	A*V90905D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185982
	CSCF4860N6C*+TXV	A*V91155D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3185985
	CSCF4860N6C*+TXV	A*V81155C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3588887
	CSCF4860N6C*+TXV	A*VC90704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3597077
	CSCF4860N6C*+TXV	A*VC90905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597107
	CSCF4860N6C*+TXV	A*VC950453BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3597216
	CSCF4860N6C*+TXV	A*VC950704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3597248
	CSCF4860N6C*+TXV	A*VC950905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597278
	CSCF4860N6C*+TXV	A*VC951155DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3597353
	CSCF4860N6C*+TXV	A*VC81155CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3642850
	CT*F3642*6A*+TXV	MBE1600**-1	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3186320
	CT*F4860*6A*+TXV	MBE2000**-1*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3186321
ASZ16 0481A*	AEPF426016C*+TXV		46,000	35,000	15.5	12	42,600	34,500	46,000	9.5	34,000	1492754
	CA*F4961*6A*+TXV	MBE1600**-1	47,000	35,700	15.5	12.5	43,500	35,200	47,000	9.75	34,000	3185986
	CA*F4961*6A*+TXV	MBE2000**-1*	47,500	36,100	16	13	43,900	35,600	47,000	9.75	34,000	1347437
	CA*F4961*6A*+TXV	A*V90905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347431
	CA*F4961*6A*+TXV	A*V91155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347432
	CA*F4961*6A*+TXV	A*V80905C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	1401112
	CA*F4961*6A*+TXV	G*V950905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1404333
	CA*F4961*6A*+TXV	G*V951155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1404336
	CA*F4961*6A*+TXV	A*V81155C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	1444027
	CA*F4961*6A*+TXV	A*V90704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1486569
	CA*F4961*6A*+TXV	A*VC90704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597082
	CA*F4961*6A*+TXV	A*VC90905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597146
	CA*F4961*6A*+TXV	A*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597253
	CA*F4961*6A*+TXV	A*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597317
	CA*F4961*6A*+TXV	A*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597393
	CA*F4961*6A*+TXV	G*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597430
	CA*F4961*6A*+TXV	G*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597439
	CA*F4961*6A*+TXV	A*VC80905CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3642874

See Notes on Page 28.

# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/H)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0481A* (cont.)	CA*F4961*6A*+TXV	A*VC81155CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3642888
	CHPF4860D6C*+TXV	MBE2000**-1A*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	1347416
	CHPF4860D6C*+TXV	A*V90905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347417
	CHPF4860D6C*+TXV	A*V91155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347418
	CHPF4860D6C*+TXV	A*V90704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3185990
	CHPF4860D6C*+TXV	A*V81155C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3588888
	CHPF4860D6C*+TXV	A*VC90704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597083
	CHPF4860D6C*+TXV	A*VC90905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597145
	CHPF4860D6C*+TXV	A*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597254
	CHPF4860D6C*+TXV	A*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597316
	CHPF4860D6C*+TXV	A*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597392
	CHPF4860D6D*+TXV	MBE2000**-1B*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3299472
	CHPF4860D6D*+TXV	A*V80905C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3299473
	CHPF4860D6D*+TXV	A*V81155C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3299474
	CHPF4860D6D*+TXV	A*V90704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3299475
	CHPF4860D6D*+TXV	A*V90905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3299476
	CHPF4860D6D*+TXV	A*V91155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3299477
	CHPF4860D6D*+TXV	A*VC90704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597085
	CHPF4860D6D*+TXV	A*VC90905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597147
	CHPF4860D6D*+TXV	A*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597256
	CHPF4860D6D*+TXV	A*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597318
	CHPF4860D6D*+TXV	A*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597394
	CHPF4860D6D*+TXV	A*VC80905CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3642887
	CHPF4860D6D*+TXV	A*VC81155CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3642889
	CHTF4860D6A*+TXV	MBE2000**-1*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3186324
	CSCF4860N6C*+TXV	A*V90905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347404
	CSCF4860N6C*+TXV	A*V91155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	1347405
	CSCF4860N6C*+TXV	A*V80905C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3185987
	CSCF4860N6C*+TXV	A*V90704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3185991
	CSCF4860N6C*+TXV	A*V81155C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3588889
	CSCF4860N6C*+TXV	A*VC90704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597084
	CSCF4860N6C*+TXV	A*VC90905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597144
CSCF4860N6C*+TXV	A*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597255	
CSCF4860N6C*+TXV	A*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597315	
CSCF4860N6C*+TXV	A*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3597391	
CSCF4860N6C*+TXV	A*VC80905CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3642876	
CSCF4860N6C*+TXV	A*VC81155CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3642877	
CT*F4860*6A*+TXV	MBE2000**-1*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3186325	
ASZ16 0601A*	AEPF426016C*+TXV		57,000	42,200	15	12	52,700	41,600	57,000	9	36,400	1492760
	CA*F4961*6A*+TXV	MBE2000**-1*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	1347433
	CA*F4961*6A*+TXV	A*V90905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	1347434
	CA*F4961*6A*+TXV	A*V91155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	1347435
	CA*F4961*6A*+TXV	G*V950905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	1404338
	CA*F4961*6A*+TXV	G*V951155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	1404340
	CA*F4961*6A*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3185942
	CA*F4961*6A*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3588890

See Notes on Page 28.

# AHRI PERFORMANCE RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/h)				TVA RATINGS <sup>3</sup>		HEATING CAPACITY (BTU/h)			AHRI #
	COIL & AIR HANDLERS	FURNACE/BLOWER	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW	
ASZ16 0601A* (cont.)	CA*F4961*6A*+TXV	A*VC90905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597155
	CA*F4961*6A*+TXV	A*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597326
	CA*F4961*6A*+TXV	A*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597404
	CA*F4961*6A*+TXV	G*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597431
	CA*F4961*6A*+TXV	G*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597440
	CA*F4961*6A*+TXV	A*VC80905CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642893
	CA*F4961*6A*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642896
	CHPF4860D6C*+TXV	MBE2000** -1A*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	1347419
	CHPF4860D6C*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3028426
	CHPF4860D6C*+TXV	A*V90905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3185947
	CHPF4860D6C*+TXV	A*V91155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3185949
	CHPF4860D6C*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3588891
	CHPF4860D6C*+TXV	A*VC90905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597153
	CHPF4860D6C*+TXV	A*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597324
	CHPF4860D6C*+TXV	A*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597405
	CHPF4860D6D*+TXV	MBE2000** -1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3299497
	CHPF4860D6D*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3299498
	CHPF4860D6D*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3299499
	CHPF4860D6D*+TXV	A*V90905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3299500
	CHPF4860D6D*+TXV	A*V91155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3299501
	CHPF4860D6D*+TXV	A*VC90905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597154
	CHPF4860D6D*+TXV	A*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597325
	CHPF4860D6D*+TXV	A*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597406
	CHPF4860D6D*+TXV	A*VC80905CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642894
	CHPF4860D6D*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642897
	CHTF4860D6A*+TXV	MBE2000** -1*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3186326
	CSCF4860N6C*+TXV	A*V91155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	1347406
	CSCF4860N6C*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3185943
	CSCF4860N6C*+TXV	A*V90905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3185948
	CSCF4860N6C*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3588892
	CSCF4860N6C*+TXV	A*VC90905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597156
	CSCF4860N6C*+TXV	A*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597327
	CSCF4860N6C*+TXV	A*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3597407
	CSCF4860N6C*+TXV	A*VC80905CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642895
	CSCF4860N6C*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3642898
	CT*F4860*6A*+TXV	MBE2000** -1*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	3186327

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

<sup>2</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

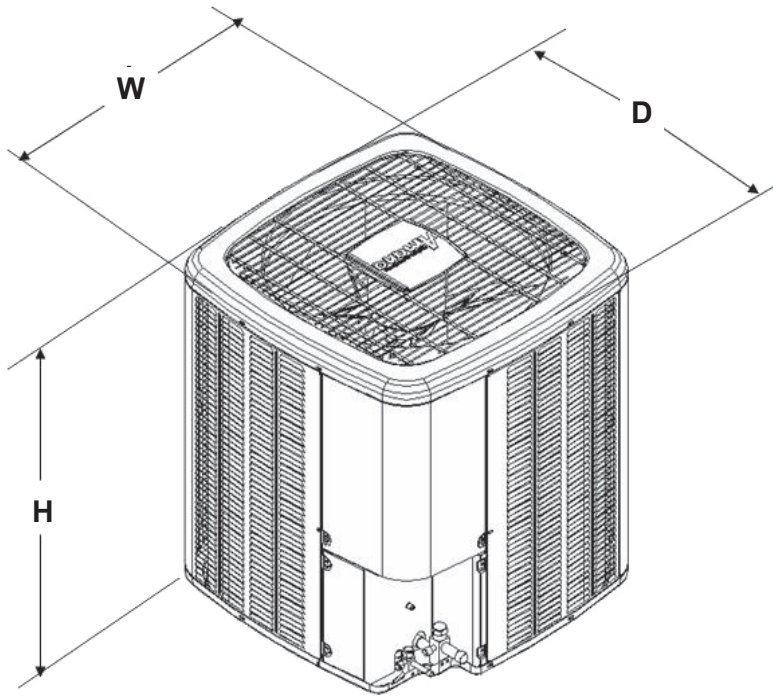
<sup>3</sup> TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

<sup>4</sup> HSPF = Heating Seasonal Performance Factor

**NOTES:**

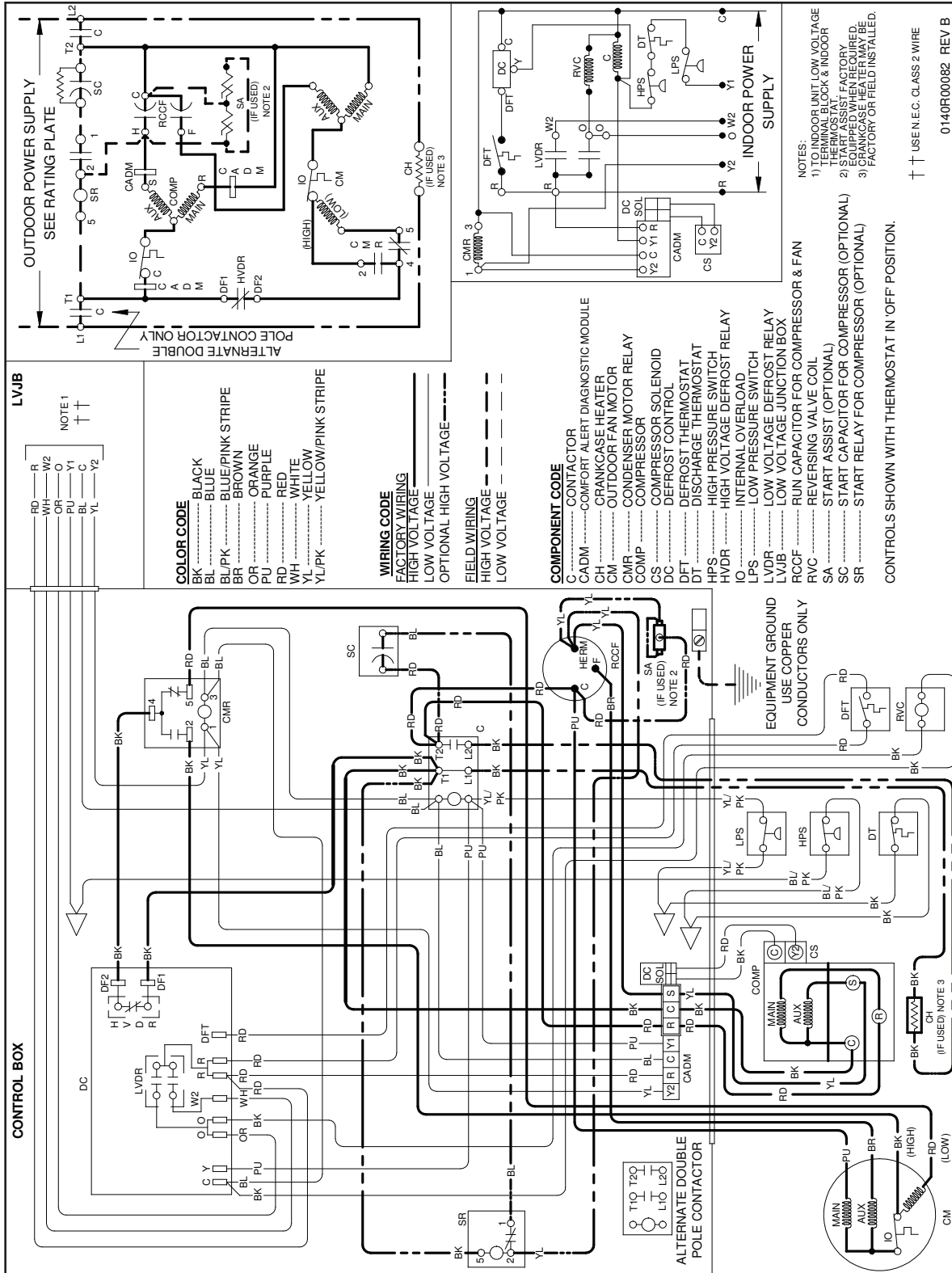
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 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

## DIMENSIONS



MODEL	DIMENSIONS
ASZ160241A	29x29x38¼
ASZ160361A	35½x35½x38¼
ASZ160481A	35½x35½x38¼
ASZ160601A	35½x35½x38¼

# ASZ16 WIRING DIAGRAM



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

**WARNING**

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

## ACCESSORIES

MODEL	DESCRIPTION	ASZ16 024	ASZ16 036	ASZ16 048	ASZ16 060
ABK-20	Anchor Bracket Kit ▼	X	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X	X
CSR-U-1	Hard-start Kit	X	X		
CSR-U-2	Hard-start Kit		X	X	X
CSR-U-3	Hard-start Kit			X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X
OT18-60A <sup>2</sup>	Outdoor Thermostat w/ Lockout Stat	X	X	X	X
TX2N4 <sup>3</sup>	TXV Kit	X			
TX3N4 <sup>3</sup>	TXV Kit		X		
TX5N4 <sup>3</sup>	TXV Kit			X	X

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

<sup>1</sup> Installed on indoor coil

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

<sup>3</sup> 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.

**NOTES**

