

**SPLIT SYSTEM AIR CONDITIONER**

**PRODUCT SPECIFICATIONS**



**UP TO 16 SEER**

**R-410A**

**COOLING CAPACITY**  
**24,000 - 57,000 BTU/h**



The Amana<sup>®</sup> brand ASX16 Air Conditioner uses the chlorine-free refrigerant R-410A. This unit features energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. The ASX16 features the two-stage, high-efficiency Copeland<sup>®</sup> scroll compressor that provides improved temperature and humidity control. This unit is designed for the consumer who desires superb comfort and quiet operation.

**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
- Factory-installed filter dryer
- 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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\* To receive the Lifetime Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Registration not required in all states. Full warranty details are available at [www.amana-hac.com](http://www.amana-hac.com).

**NOMENCLATURE**

	A	S	X	16	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
<b>Brand</b>	A Amana® Brand						<b>Engineering *</b> Minor Revision		
<b>Product Category</b>	S Split System						<b>Engineering *</b> Major Revision		
<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>		
<b>Efficiency</b>	13 13 SEER 14 14 SEER 16 16 SEER 18 18 SEER						<b>Nominal Capacity</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		
						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		

\* Neither used for order entry or inventory management.

**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

	ASX16 0241A*	ASX16 0361A*	ASX16 0481A*	ASX16 0601A*
<b>Cooling Capacity</b>				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Decibels (high / low stage)	71	70 / 71	70 / 71	75
<b>Compressor</b>				
RLA	10.2	16.6	21.1	25.6
LRA	52.0	82.0	96.0	118.0
<b>Condenser Fan Motor</b>				
Horsepower (RPM)	1/12	1/6	1/6	1/6
FLA	0.6	1.0	1.0	1.0
<b>Refrigeration System</b>				
<b>Refrigerant Line Size <sup>1</sup></b>				
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"
<b>Refrigerant Connection Size</b>				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	140	160	205	200
<b>Electrical Data</b>				
Voltage-Hz / Phase	208/230-60-1			
Minimum Circuit Ampacity <sup>2</sup>	13.4	21.8	27.4	33
Max. Overcurrent Protection <sup>3</sup>	20	30	40	50
Min / Max Volts	197/253	197/253	197/253	197/253
Power Supply	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 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — ASX160241A\* / CA\*F3636\*6A\* +TXV/ MBE1200\*\* -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	18.0	18.7	20.4	-	17.6	18.2	20.0	-	17.2	17.8	19.5	-	16.7	17.4	19.0	-	15.9	16.5	18.1	-	14.7	15.3	16.7	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	KW	1.10	1.12	1.16	-	1.19	1.21	1.25	-	1.26	1.29	1.34	-	1.33	1.37	1.41	-	1.39	1.43	1.48	-	1.44	1.48	1.53	-
	Amps	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-	6.3	6.4	6.6	-
	HI PR	228	245	248	-	258	277	281	-	293	315	319	-	334	359	364	-	375	404	409	-	420	452	458	-
	Lo PR	122	125	137	-	125	129	141	-	129	133	146	-	133	137	150	-	135	140	153	-	139	143	156	-
	MBh	17.5	18.1	19.8	-	17.1	17.7	19.4	-	16.7	17.3	18.9	-	16.3	16.8	18.5	-	15.4	16.0	17.5	-	14.3	14.8	16.2	-
	S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	KW	1.09	1.11	1.15	-	1.18	1.20	1.24	-	1.25	1.28	1.33	-	1.32	1.35	1.40	-	1.38	1.41	1.46	-	1.43	1.47	1.52	-
	Amps	4.4	4.5	4.7	-	4.8	4.9	5.0	-	5.2	5.3	5.5	-	5.5	5.7	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-
HI PR	226	243	246	-	255	274	278	-	290	312	316	-	330	355	360	-	372	400	405	-	416	447	454	-	
Lo PR	120	124	136	-	124	128	140	-	128	132	144	-	132	136	148	-	134	138	151	-	137	142	155	-	
MBh	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.4	15.9	17.5	-	15.0	15.6	17.0	-	14.3	14.8	16.2	-	13.2	13.7	15.0	-	
S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
KW	1.08	1.10	1.14	-	1.17	1.19	1.23	-	1.24	1.27	1.31	-	1.31	1.34	1.39	-	1.37	1.40	1.45	-	1.42	1.45	1.50	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.3	5.4	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-	6.2	6.3	6.5	-	
HI PR	223	240	244	-	252	271	275	-	287	309	313	-	327	352	357	-	368	396	401	-	412	443	449	-	
Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	140	153	-	
75	MBh	18.3	18.8	20.4	21.9	17.9	18.4	19.9	21.4	17.5	18.0	19.4	20.9	17.0	17.5	19.0	20.4	16.2	16.7	18.0	19.3	15.0	15.4	16.7	17.9
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
	ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10
	KW	1.10	1.12	1.16	1.20	1.19	1.21	1.25	1.30	1.26	1.29	1.34	1.38	1.33	1.37	1.41	1.46	1.39	1.43	1.48	1.53	1.44	1.48	1.53	1.58
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
	HI PR	228	245	248	254	258	277	281	287	293	315	319	326	334	359	364	372	375	404	409	418	420	452	458	468
	Lo PR	122	125	137	146	125	129	141	150	129	133	146	155	133	137	150	159	135	140	153	162	139	143	156	166
	MBh	17.8	18.3	19.8	21.3	17.4	17.9	19.3	20.8	16.9	17.4	18.9	20.3	16.5	17.0	18.4	19.8	15.7	16.2	17.5	18.8	14.5	15.0	16.2	17.4
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	KW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.33	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.47	1.52	1.57
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	447	454	464	
Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	137	142	155	165	
MBh	16.4	16.9	18.3	19.6	16.0	16.5	17.9	19.2	15.6	16.1	17.4	18.7	15.3	15.7	17.0	18.2	14.5	14.9	16.2	17.3	13.4	13.8	15.0	16.1	
S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	
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	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.39	1.44	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.56	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	
HI PR	223	240	244	249	252	271	275	281	287	309	313	320	327	352	357	364	368	396	401	410	412	443	449	459	
Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	

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

Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. +fan)

Design Subcooling @ AHRI 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160241A\* / CA\*F3636\*6A\* +TXV/ MBE1200\*\* -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	675	MBh	18.6	19.0	20.3	21.7	18.2	18.6	19.9	21.2	17.8	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.5	16.8	18.0	19.2	15.2	15.6	16.6	17.8	
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	24	20	16	21	21	19	15	
	600	KW	1.10	1.12	1.16	1.20	1.19	1.21	1.25	1.30	1.26	1.29	1.34	1.38	1.33	1.37	1.41	1.46	1.39	1.43	1.48	1.53	1.44	1.48	1.53	1.58	
		Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9	
		HI PR	228	243	246	251	258	277	281	287	293	315	319	326	334	359	364	372	375	404	409	418	420	452	458	468	
	525	Lo PR	122	125	137	146	125	129	141	150	129	133	146	155	133	137	150	159	135	140	153	162	139	143	156	166	
		MBh	18.1	18.5	19.7	21.1	17.7	18.1	19.3	20.6	17.2	17.6	18.8	20.1	16.8	17.2	18.4	19.6	16.0	16.3	17.4	18.7	14.8	15.1	16.2	17.3	
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58	
	85	675	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	23	22	19	15
			KW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.33	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.47	1.52	1.57
			Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
600		HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	447	454	464	
		Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	137	142	155	165	
		MBh	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.9	16.3	17.4	18.6	15.5	15.9	17.0	18.1	14.8	15.1	16.1	17.2	13.7	14.0	14.9	15.9	
525		S/T	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56	
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	
		KW	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.39	1.44	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.56	
675		Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	
		HI PR	223	240	244	249	252	271	275	281	287	309	313	320	327	352	357	364	368	396	401	410	412	443	449	459	
		Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	
85	675	MBh	19.0	19.3	20.2	21.6	18.5	18.9	19.8	21.1	18.1	18.4	19.3	20.6	17.6	18.0	18.8	20.1	16.8	17.1	17.9	19.1	15.5	15.8	16.6	17.7	
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
		ΔT	25	25	23	20	25	25	24	21	25	25	24	21	24	24	24	21	23	23	24	20	21	22	22	19	
	600	KW	1.10	1.12	1.16	1.20	1.19	1.21	1.25	1.30	1.26	1.29	1.34	1.38	1.33	1.37	1.41	1.46	1.39	1.43	1.48	1.53	1.44	1.48	1.53	1.58	
		Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9	
		HI PR	228	245	248	254	258	277	281	287	293	315	319	326	334	359	364	372	375	404	409	418	420	452	458	468	
	525	Lo PR	122	125	137	146	125	129	141	150	129	133	146	155	133	137	150	159	135	140	153	162	139	143	156	166	
		MBh	18.4	18.8	19.6	21.0	18.0	18.3	19.2	20.5	17.5	17.9	18.7	20.0	17.1	17.4	18.3	19.5	16.3	16.6	17.4	18.5	15.1	15.4	16.1	17.2	
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76	
	675	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	26	26	25	22	25	25	25	21	23	24	23	20	
		KW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.33	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.47	1.52	1.57	
		Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	
600	HI PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	447	454	464		
	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	137	142	155	165		
	MBh	17.0	17.3	18.1	19.3	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.4	15.8	16.1	16.9	18.0	15.0	15.3	16.0	17.1	13.9	14.2	14.8	15.8		
525	S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73		
	ΔT	26.8	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	26	22	24	25	23	20		
	KW	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.39	1.44	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.56		
675	Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8		
	HI PR	223	240	244	249	252	271	275	281	287	309	313	320	327	352	357	364	368	396	401	410	412	443	449	459		
	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163		

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

EXPANDED COOLING DATA — ASX160241A\* / CA\*F3636\*6A\* +TXV/ MBE1200\*\* -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	900	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	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	1.50	1.53	1.58	-	1.62	1.65	1.71	-	1.72	1.76	1.82	-	1.81	1.86	1.92	-	1.89	1.94	2.00	-	1.96	2.01	2.07	-
		Amps	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.3	-	8.3	8.5	8.7	-
		HiPR	237	255	258	-	268	288	292	-	304	327	332	-	347	373	378	-	390	419	425	-	437	470	476	-
	800	Lo PR	122	125	137	-	125	129	141	-	129	134	146	-	133	137	150	-	136	140	153	-	139	143	156	-
		MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.72	0.60	0.42	-	0.75	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	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		kW	1.49	1.52	1.57	-	1.61	1.64	1.69	-	1.71	1.75	1.80	-	1.80	1.84	1.90	-	1.88	1.92	1.98	-	1.94	1.99	2.06	-
		Amps	5.9	6.0	6.2	-	6.3	6.5	6.7	-	6.8	7.0	7.2	-	7.3	7.5	7.7	-	7.8	7.9	8.2	-	8.2	8.4	8.7	-
700	HiPR	234	252	256	-	265	285	289	-	301	324	329	-	343	369	374	-	386	415	421	-	432	465	471	-	
	Lo PR	120	124	136	-	124	128	140	-	128	132	144	-	132	136	148	-	134	138	151	-	138	142	155	-	
	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	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
	kW	1.48	1.51	1.56	-	1.59	1.63	1.68	-	1.69	1.73	1.79	-	1.78	1.82	1.89	-	1.86	1.90	1.97	-	1.93	1.97	2.04	-	
75	900	Amps	5.8	5.9	6.1	-	6.3	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	232	249	253	-	262	282	286	-	298	321	325	-	340	365	370	-	382	411	417	-	428	460	467	-
		Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	140	153	-
		MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	800	kW	1.50	1.53	1.58	1.63	1.62	1.65	1.71	1.77	1.72	1.76	1.82	1.88	1.81	1.86	1.92	1.98	1.89	1.94	2.00	2.07	1.96	2.01	2.07	2.15
		Amps	5.9	6.0	6.2	6.5	6.4	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	8.7	9.1
		HiPR	237	255	258	264	268	288	292	298	304	327	332	339	347	373	378	386	390	419	425	435	437	470	476	487
		Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167
		MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.82	0.73	0.56	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	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41
700	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	
	kW	1.49	1.52	1.57	1.62	1.61	1.64	1.69	1.75	1.71	1.75	1.80	1.87	1.80	1.84	1.90	1.97	1.88	1.92	1.98	2.05	1.94	1.99	2.06	2.13	
	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	7.8	7.9	8.2	8.5	8.2	8.4	8.7	9.0	
	HiPR	234	252	256	261	265	285	289	295	301	324	329	336	343	369	374	382	386	415	421	430	432	465	471	482	
	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
	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	
700	S/T	0.79	0.71	0.54	0.34	0.82	0.73	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	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
	kW	1.48	1.51	1.56	1.61	1.59	1.63	1.68	1.74	1.69	1.73	1.79	1.85	1.78	1.82	1.89	1.95	1.86	1.90	1.97	2.04	1.93	1.97	2.04	2.11	
	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	7.9	8.1	8.4	8.1	8.3	8.6	8.9	
	HiPR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	382	411	417	426	428	460	467	477	
	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	

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

Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

Design Subcooling @ AHRI 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160241A\* / CA\*F3636\*6A\* +TXV/ MBE1200\*\* -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	900	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	
		S/T	0.94	0.89	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	23	22	20	16	24	23	20	16	23	24	20	16	23	24	20	16	22	22	20	16	20	21	18	15	
	800	kW	1.50	1.53	1.58	1.63	1.62	1.65	1.71	1.77	1.72	1.76	1.82	1.88	1.81	1.86	1.92	1.98	1.89	1.94	2.00	2.07	1.96	2.01	2.07	2.15	
		Amps	5.9	6.0	6.2	6.5	6.4	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	8.7	9.1	
		HI/PR	237	255	258	264	268	288	292	298	304	327	332	339	347	373	378	386	390	419	425	435	437	470	476	487	
	700	Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167	
		MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	
		S/T	0.90	0.84	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59	
	85	900	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	24	21	16	22	22	19	15
			kW	1.49	1.52	1.57	1.62	1.61	1.64	1.69	1.75	1.71	1.75	1.80	1.87	1.80	1.84	1.90	1.97	1.88	1.92	1.98	2.05	1.94	1.99	2.06	2.13
			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	7.8	7.9	8.2	8.5	8.2	8.4	8.7	9.0
800		HI/PR	234	252	256	261	265	285	289	295	301	324	329	336	343	369	374	382	386	415	421	430	432	465	471	482	
		Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
		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	
700		S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57	
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16	
		kW	1.48	1.51	1.56	1.61	1.59	1.63	1.68	1.74	1.69	1.73	1.79	1.85	1.78	1.82	1.89	1.95	1.86	1.90	1.97	2.04	1.93	1.97	2.04	2.11	
85		900	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	7.9	8.1	8.4	8.1	8.3	8.6	8.9
			HI/PR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	382	411	417	426	428	460	467	477
			Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163
85	900	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1	
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	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	25	25	23	20	25	25	24	20	24	25	24	20	24	24	24	21	22	23	23	20	21	21	22	19	
	800	kW	1.50	1.53	1.58	1.63	1.62	1.65	1.71	1.77	1.72	1.76	1.82	1.88	1.81	1.86	1.92	1.98	1.89	1.94	2.00	2.07	1.96	2.01	2.07	2.15	
		Amps	5.9	6.0	6.2	6.5	6.4	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	8.7	9.1	
		HI/PR	237	255	258	264	268	288	292	298	304	327	332	339	347	373	378	386	390	419	425	435	437	470	476	487	
	700	Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167	
		MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4	
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77	
	85	800	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	24	25	24	21	23	23	23	20
			kW	1.49	1.52	1.57	1.62	1.61	1.64	1.69	1.75	1.71	1.75	1.80	1.87	1.80	1.84	1.90	1.97	1.88	1.92	1.98	2.05	1.94	1.99	2.06	2.13
			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	7.8	7.9	8.2	8.5	8.2	8.4	8.7	9.0
700		HI/PR	234	252	256	261	265	285	289	295	301	324	329	336	343	369	374	382	386	415	421	430	432	465	471	482	
		Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
		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		700	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
			ΔT	26.5	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	26	26	25	21	24	24	23	20
			kW	1.48	1.51	1.56	1.61	1.59	1.63	1.68	1.74	1.69	1.73	1.79	1.85	1.78	1.82	1.89	1.95	1.86	1.90	1.97	2.04	1.93	1.97	2.04	2.11
85		700	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	7.9	8.1	8.4	8.1	8.3	8.6	8.9
			HI/PR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	382	411	417	426	428	460	467	477
			Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163

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

Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. +fan)  
 Design Subcooling @ AHRI 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160361A\* / 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	904	MBh	24.9	25.8	28.3	-	24.3	25.2	27.6	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.1	23.2	-	
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	800	KW	1.50	1.53	1.58	-	1.61	1.65	1.70	-	1.72	1.75	1.81	-	1.81	1.85	1.91	-	1.88	1.93	1.99	-	1.95	2.00	2.06	-	
		Amps	5.8	6.0	6.2	-	6.3	6.4	6.6	-	6.8	7.0	7.2	-	7.3	7.4	7.7	-	7.7	7.9	8.1	-	8.2	8.3	8.6	-	
		HI/PR	220	237	240	-	249	268	271	-	283	304	309	-	322	347	352	-	348	374	380	-	413	444	450	-	
	696	Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	135	147	-	133	137	150	-	136	141	153	-	
		MBh	24.2	25.1	27.5	-	23.6	24.5	26.8	-	23.1	23.9	26.2	-	22.5	23.3	25.5	-	21.4	22.2	24.3	-	19.8	20.5	22.5	-	
		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	-	
	75	904	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
			KW	1.49	1.52	1.57	-	1.60	1.64	1.69	-	1.70	1.74	1.80	-	1.79	1.83	1.89	-	1.87	1.91	1.97	-	1.93	1.98	2.04	-
			Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.5	-
800		HI/PR	218	234	238	-	246	265	269	-	280	301	306	-	319	343	348	-	345	371	376	-	409	439	446	-	
		Lo PR	118	122	133	-	122	125	137	-	126	130	142	-	129	133	145	-	132	136	148	-	135	139	152	-	
		MBh	22.3	23.1	25.3	-	21.8	22.6	24.8	-	21.3	22.1	24.2	-	20.8	21.5	23.6	-	19.7	20.4	22.4	-	18.3	18.9	20.8	-	
696		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.76	0.63	0.44	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	1.47	1.51	1.55	-	1.59	1.62	1.67	-	1.69	1.73	1.78	-	1.78	1.82	1.88	-	1.85	1.89	1.96	-	1.92	1.96	2.03	-	
75		904	Amps	5.7	5.9	6.0	-	6.2	6.3	6.5	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.0	8.2	8.5	-
			HI/PR	216	232	235	-	244	262	266	-	277	298	303	-	316	340	345	-	341	367	372	-	404	435	441	-
			Lo PR	117	121	132	-	120	124	136	-	125	128	140	-	128	132	144	-	130	134	147	-	134	138	150	-
	800	MBh	25.3	26.1	28.2	30.3	24.7	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.6	24.3	26.3	28.2	22.4	23.0	24.9	26.8	20.7	21.4	23.1	24.8	
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
	696	KW	1.50	1.53	1.58	1.63	1.61	1.65	1.70	1.76	1.72	1.75	1.81	1.87	1.81	1.85	1.91	1.97	1.88	1.93	1.99	2.06	1.95	2.00	2.06	2.13	
		Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.4	7.3	7.4	7.7	7.9	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9	
		HI/PR	220	237	240	245	249	268	271	277	283	304	309	315	322	347	352	359	348	374	380	388	413	444	450	460	
	75	904	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	153	163
			MBh	24.6	25.3	27.4	29.4	24.0	24.7	26.8	28.7	23.5	24.1	26.1	28.0	22.9	23.6	25.5	27.4	21.7	22.4	24.2	26.0	20.1	20.7	22.4	24.1
			S/T	0.78	0.69	0.53	0.34	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	0.89	0.80	0.60	0.39
800		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	1.49	1.52	1.57	1.62	1.60	1.64	1.69	1.74	1.70	1.74	1.80	1.86	1.79	1.83	1.89	1.96	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11	
		Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.5	8.9	
696		HI/PR	218	234	238	243	246	265	269	275	280	301	306	312	319	343	348	356	345	371	376	384	409	439	446	455	
		Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162	
		MBh	22.7	23.4	25.3	27.2	22.2	22.8	24.7	26.5	21.6	22.3	24.1	25.9	21.1	21.7	23.5	25.3	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2	
75		904	S/T	0.75	0.67	0.51	0.33	0.78	0.69	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37
			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	1.47	1.51	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.73	1.78	1.84	1.78	1.82	1.88	1.94	1.85	1.89	1.96	2.02	1.92	1.96	2.03	2.10
	696	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8	
		HI/PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	341	367	372	380	404	435	441	451	
		Lo PR	117	121	132	140	120	124	136	144	125	128	140	149	128	132	144	153	130	134	147	156	134	138	150	160	

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



EXPANDED COOLING DATA — ASX160361A\* / 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	904	MBh	25.8	26.3	28.1	30.1	25.2	25.7	27.5	29.4	24.6	25.1	26.8	28.7	24.0	24.5	26.2	28.0	22.8	23.3	24.9	26.6	21.1	21.6	23.0	24.6	
		S/T	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.96	0.78	0.58	
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15	
	800	kW	1.50	1.53	1.58	1.63	1.61	1.65	1.70	1.76	1.72	1.75	1.81	1.87	1.81	1.85	1.91	1.97	1.88	1.93	1.99	2.06	1.95	2.00	2.06	2.13	
		Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.4	7.3	7.4	7.7	7.9	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9	
		HI/PR	220	237	240	245	249	268	271	277	283	304	309	315	322	347	352	359	348	374	380	388	413	444	450	460	
	696	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	153	163	
		MBh	25.0	25.6	27.3	29.2	24.4	25.0	26.7	28.5	23.9	24.4	26.1	27.9	23.3	23.8	25.4	27.2	22.1	22.6	24.1	25.8	20.5	20.9	22.4	23.9	
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	
	80	800	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
			kW	1.49	1.52	1.57	1.62	1.60	1.64	1.69	1.74	1.70	1.74	1.80	1.86	1.79	1.83	1.89	1.96	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
			Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.5	8.9
696		HI/PR	218	234	238	243	246	265	269	275	280	301	306	312	319	343	348	356	345	371	376	384	409	439	446	455	
		Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162	
		MBh	23.1	23.6	25.2	27.0	22.6	23.1	24.6	26.3	22.0	22.5	24.1	25.7	21.5	22.0	23.5	25.1	20.4	20.9	22.3	23.8	18.9	19.3	20.6	22.1	
85		904	S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.87	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.88	0.71	0.53	0.94	0.88	0.72	0.54
			ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	22	17	25	24	21	17	24	23	20	16
			kW	1.47	1.51	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.73	1.78	1.84	1.78	1.82	1.88	1.94	1.85	1.89	1.96	2.02	1.92	1.96	2.03	2.10
		800	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8
			HI/PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	341	367	372	380	404	435	441	451
			Lo PR	117	121	132	140	120	124	136	144	125	128	140	149	128	132	144	153	130	134	147	156	134	138	150	160
	85	904	MBh	26.2	26.7	28.0	29.9	25.6	26.1	27.4	29.2	25.0	25.5	26.7	28.5	24.4	24.9	26.1	27.8	23.2	23.6	24.8	26.4	21.5	21.9	22.9	24.5
			S/T	0.94	0.90	0.82	0.66	0.97	0.94	0.84	0.69	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
			ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
		800	kW	1.50	1.53	1.58	1.63	1.61	1.65	1.70	1.76	1.72	1.75	1.81	1.87	1.81	1.85	1.91	1.97	1.88	1.93	1.99	2.06	1.95	2.00	2.06	2.13
			Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.4	7.3	7.4	7.7	7.9	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9
			HI/PR	220	237	240	245	249	268	271	277	283	304	309	315	322	347	352	359	348	374	380	388	413	444	450	460
85		800	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	153	163
			MBh	25.5	26.0	27.2	29.0	24.9	25.4	26.6	28.3	24.3	24.8	25.9	27.7	23.7	24.2	25.3	27.0	22.5	22.9	24.0	25.6	20.8	21.3	22.3	23.7
			S/T	0.89	0.86	0.78	0.63	0.93	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	0.89	0.72	1.00	0.99	0.89	0.72
		696	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20
			kW	1.49	1.52	1.57	1.62	1.60	1.64	1.69	1.74	1.70	1.74	1.80	1.86	1.79	1.83	1.89	1.96	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
			Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.5	8.9
	85	HI/PR	218	234	238	243	246	265	269	275	280	301	306	312	319	343	348	356	345	371	376	384	409	439	446	455	
		Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162	
		MBh	23.5	24.0	25.1	26.8	23.0	23.4	24.5	26.2	22.4	22.8	23.9	25.5	21.9	22.3	23.3	24.9	20.8	21.2	22.2	23.7	19.2	19.6	20.5	21.9	
	85	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.91	0.88	0.80	0.65	0.94	0.91	0.82	0.67	0.98	0.95	0.85	0.69	0.99	0.95	0.86	0.70	
		ΔT	26.7	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	27	26	25	22	25	25	23	20	
		kW	1.47	1.51	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.73	1.78	1.84	1.78	1.82	1.88	1.94	1.85	1.89	1.96	2.02	1.92	1.96	2.03	2.10	
85	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8		
	HI/PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	341	367	372	380	404	435	441	451		
	Lo PR	117	121	132	140	120	124	136	144	125	128	140	149	128	132	144	153	130	134	147	156	134	138	150	160		

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

Shaded area reflects AHRI conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. +fan)  
 Design Subcooling @ AHRI 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160361A\* / 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	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	17	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-
	kW	2.14	2.18	2.25	-	2.31	2.36	2.43	-	2.45	2.51	2.59	-	2.58	2.64	2.73	-	2.69	2.76	2.85	-	2.79	2.85	2.95	-
	Amps	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.1	11.4	-	11.4	11.7	12.1	-
	HiPR	232	249	253	-	262	282	286	-	298	321	325	-	340	365	370	-	367	394	400	-	435	467	474	-
	Lo PR	116	120	131	-	119	123	135	-	124	127	139	-	127	131	143	-	129	133	146	-	133	137	149	-
	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	0.68	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	-	0.79	0.66	0.45	-
	ΔT	17	15	11	-	17	15	11	-	18	15	11	-	18	15	12	-	17	15	12	-	16	14	11	-
kW	2.12	2.17	2.24	-	2.29	2.34	2.41	-	2.43	2.49	2.57	-	2.56	2.62	2.71	-	2.67	2.73	2.82	-	2.77	2.83	2.93	-	
Amps	8.0	8.2	8.5	-	8.7	8.9	9.2	-	9.4	9.6	10.0	-	10.1	10.3	10.6	-	10.7	11.0	11.3	-	11.3	11.6	12.0	-	
HiPR	230	247	250	-	260	279	283	-	295	317	322	-	336	362	367	-	363	390	396	-	430	463	469	-	
Lo PR	115	119	129	-	118	122	133	-	122	126	138	-	126	130	141	-	128	132	144	-	131	135	148	-	
MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-	
S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-	
ΔT	18	15	12	-	18	15	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	2.10	2.15	2.22	-	2.27	2.32	2.39	-	2.41	2.47	2.55	-	2.54	2.60	2.68	-	2.65	2.71	2.80	-	2.74	2.81	2.90	-	
Amps	8.0	8.2	8.4	-	8.6	8.8	9.1	-	9.3	9.6	9.9	-	10.0	10.2	10.5	-	10.6	10.9	11.2	-	11.2	11.5	11.9	-	
HiPR	227	244	248	-	257	276	280	-	292	314	319	-	333	358	363	-	360	387	392	-	426	458	465	-	
Lo PR	114	117	128	-	117	121	132	-	121	125	136	-	124	128	140	-	127	131	143	-	130	134	146	-	

75	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
	S/T	0.82	0.73	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	0.40	0.94	0.84	0.63	0.41
	ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9
	kW	2.14	2.18	2.25	2.33	2.31	2.36	2.43	2.51	2.45	2.51	2.59	2.68	2.58	2.64	2.73	2.82	2.69	2.76	2.85	2.95	2.79	2.85	2.95	3.05
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.1	11.4	11.9	11.4	11.7	12.1	12.6
	HiPR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	367	394	400	409	435	467	474	484
	Lo PR	116	120	131	139	119	123	135	143	124	127	139	148	127	131	143	152	129	133	146	155	133	137	149	159
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.61	0.39
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.49	2.43	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.73	2.82	2.92	2.77	2.83	2.93	3.03	
Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	10.0	10.3	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.3	11.6	12.0	12.4	
HiPR	230	247	250	256	260	279	283	289	295	317	322	329	336	362	367	375	363	390	396	405	430	463	469	480	
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	135	148	157	
MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	
S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.38	
ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10	
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.63	2.54	2.60	2.68	2.78	2.65	2.71	2.80	2.90	2.74	2.81	2.90	3.00	
Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.2	11.5	11.9	12.3	
HiPR	227	244	248	253	257	276	280	286	292	314	319	326	333	358	363	371	360	387	392	401	426	458	465	475	
Lo PR	114	117	128	136	117	121	132	140	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	

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

Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)  
 Design Subcooling @ AHR1 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160361A\* / 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	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	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	19	14	19	19	17	13
	kW	2.14	2.18	2.25	2.33	2.31	2.36	2.43	2.51	2.45	2.51	2.59	2.68	2.58	2.64	2.73	2.82	2.69	2.76	2.85	2.95	2.79	2.85	2.95	3.05
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.1	11.4	11.9	11.4	11.7	12.1	12.6
	HiPR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	367	394	400	409	435	467	474	484
	Lo PR	116	120	131	139	119	123	135	143	124	127	139	148	127	131	143	152	129	133	146	155	133	137	149	159
	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	0.85	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	17	14
kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.49	2.43	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.73	2.82	2.92	2.77	2.83	2.93	3.03	
Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	10.0	10.3	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.3	11.6	12.0	12.4	
HiPR	230	247	250	256	260	279	283	289	295	317	322	329	336	362	367	375	363	390	396	405	430	463	469	480	
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	135	148	157	
MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0	
S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.95	0.89	0.72	0.54	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14	
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.63	2.54	2.60	2.68	2.78	2.65	2.71	2.80	2.90	2.74	2.81	2.90	3.00	
Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.2	11.5	11.9	12.3	
HiPR	227	244	248	253	257	276	280	286	292	314	319	326	333	358	363	371	360	387	392	401	426	458	465	475	
Lo PR	114	117	128	136	117	121	132	140	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	
85	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
	ΔT	23	22	21	18	23	23	21	19	23	23	21	19	23	23	22	19	21	22	21	18	20	20	20	17
	kW	2.14	2.18	2.25	2.33	2.31	2.36	2.43	2.51	2.45	2.51	2.59	2.68	2.58	2.64	2.73	2.82	2.69	2.76	2.85	2.95	2.79	2.85	2.95	3.05
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.1	11.4	11.9	11.4	11.7	12.1	12.6
	HiPR	232	249	253	259	262	282	286	292	298	321	325	332	340	365	370	379	367	394	400	409	435	467	474	484
	Lo PR	116	120	131	139	119	123	135	143	124	127	139	148	127	131	143	152	129	133	146	155	133	137	149	159
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
	S/T	0.90	0.86	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	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.73
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	23	24	23	20	22	22	21	18
kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.49	2.43	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.73	2.82	2.92	2.77	2.83	2.93	3.03	
Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.3	11.6	12.0	12.4	
HiPR	230	247	250	256	260	279	283	289	295	317	322	329	336	362	367	375	363	390	396	405	430	463	469	480	
Lo PR	115	119	129	138	118	122	133	142	122	126	138	147	126	130	141	151	128	132	144	154	131	135	148	157	
MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8	
S/T	0.86	0.83	0.75	0.61	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	0.95	0.86	0.69	0.99	0.96	0.86	0.70	
ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	22	21	18	
kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.63	2.54	2.60	2.68	2.78	2.65	2.71	2.80	2.90	2.74	2.81	2.90	3.00	
Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.2	11.5	11.9	12.3	
HiPR	227	244	248	253	257	276	280	286	292	314	319	326	333	358	363	371	360	387	392	401	426	458	465	475	
Lo PR	114	117	128	136	117	121	132	140	121	125	136	145	124	128	140	149	127	131	143	152	130	134	146	156	

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

EXPANDED COOLING DATA — ASX160481A\* / 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	1238	MBh	33.9	35.2	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	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	2.04	2.09	2.16	-	2.21	2.26	2.33	-	2.35	2.41	2.49	-	2.48	2.54	2.62	-	2.59	2.65	2.74	-	2.68	2.74	2.84	-
		Amps	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.7	12.1	-
		HiPR	227	244	248	-	257	276	280	-	292	314	318	-	332	357	362	-	374	402	408	-	419	450	457	-
	1100	Lo PR	122	125	137	-	125	129	141	-	129	134	146	-	133	137	150	-	136	140	153	-	139	143	156	-
		MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.7	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	27.0	27.9	30.6	-
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	2.03	2.07	2.14	-	2.19	2.24	2.31	-	2.33	2.38	2.47	-	2.46	2.51	2.60	-	2.57	2.62	2.71	-	2.66	2.72	2.81	-
		Amps	8.1	8.2	8.5	-	8.7	8.9	9.2	-	9.4	9.6	10.0	-	10.1	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-
963	HiPR	225	242	245	-	254	273	277	-	289	311	315	-	329	354	359	-	370	398	404	-	415	446	452	-	
	Lo PR	120	124	136	-	124	128	140	-	128	132	144	-	132	136	148	-	134	138	151	-	138	142	155	-	
	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.3	-	
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-	
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	kW	2.01	2.05	2.12	-	2.17	2.22	2.29	-	2.31	2.36	2.44	-	2.44	2.49	2.58	-	2.54	2.60	2.69	-	2.64	2.70	2.79	-	
75	1238	Amps	8.0	8.2	8.4	-	8.6	8.8	9.1	-	9.3	9.6	9.9	-	10.0	10.2	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-
		HiPR	223	239	243	-	252	270	274	-	286	308	312	-	326	350	355	-	367	394	400	-	411	441	448	-
		Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	140	153	-
		MBh	34.5	35.5	38.4	41.3	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.0	35.8	38.4	30.5	31.4	34.0	36.5	28.2	29.1	31.5	33.8
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	1100	kW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94
		Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	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
		HiPR	227	244	248	253	257	276	280	286	292	314	318	325	332	357	362	370	374	402	408	417	419	450	457	467
		Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167
		MBh	33.5	34.5	37.3	40.1	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
963	ΔT	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
	kW	2.03	2.07	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.47	2.55	2.46	2.51	2.60	2.69	2.57	2.62	2.71	2.81	2.66	2.72	2.81	2.91	
	Amps	8.1	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4	
	HiPR	225	242	245	251	254	273	277	283	289	311	315	322	329	354	359	367	370	398	404	413	415	446	452	462	
	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
	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	28.8	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	
963	S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38	
	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	2.01	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	2.67	2.54	2.60	2.69	2.78	2.64	2.70	2.79	2.89	
	Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3	
	HiPR	223	239	243	248	252	270	274	280	286	308	312	319	326	350	355	363	367	394	400	409	411	441	448	458	
	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	

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

Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp. +fan)

Design Subcooling @ AHR1 95°F Conditions, 5° - 7°F @ the Service Valve

EXPANDED COOLING DATA — ASX160481A\* / 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	1238	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.1	32.7	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5	
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	24	22	16	21	22	19	15	
	1100	kW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94	
		Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	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	227	244	248	253	257	276	280	286	292	314	318	325	332	357	362	370	374	402	408	417	419	450	457	467	
	963	Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167	
		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	30.5	32.6	
		S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
	85	1238	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
			kW	2.03	2.07	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.47	2.55	2.46	2.51	2.60	2.69	2.57	2.62	2.71	2.81	2.66	2.72	2.81	2.91
			Amps	8.1	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4
1100		Hi PR	225	242	245	251	254	273	277	283	289	311	315	322	329	354	359	367	370	398	404	413	415	446	452	462	
		Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
		MBh	31.5	32.1	34.3	36.7	30.7	31.4	33.5	35.9	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.8	26.3	28.1	30.1	
963		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.96	0.90	0.74	0.55	
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	21	17	25	24	21	17	24	23	20	16	
		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	2.67	2.54	2.60	2.69	2.78	2.64	2.70	2.79	2.89	
85		1238	Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3
			Hi PR	223	239	243	248	252	270	274	280	286	308	312	319	326	350	355	363	367	394	400	409	411	441	448	458
			Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163
1100	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.1	34.7	36.4	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	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78		
	ΔT	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	22	21	22	22	22	19		
963	kW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94		
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	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	227	244	248	253	257	276	280	286	292	314	318	325	332	357	362	370	374	402	408	417	419	450	457	467		
85	1100	Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167	
		MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	
		S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.74	
963	ΔT	26	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	26	26	25	21	24	24	23	20		
	kW	2.03	2.07	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.47	2.55	2.46	2.51	2.60	2.69	2.57	2.62	2.71	2.81	2.66	2.72	2.81	2.91		
	Amps	8.1	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4		
85	1100	Hi PR	225	242	245	251	254	273	277	283	289	311	315	322	329	354	359	367	370	398	404	413	415	446	452	462	
		Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	138	142	155	165	
		MBh	32.0	32.6	34.2	36.5	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.8	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8	
963	S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.94	0.90	0.82	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71		
	ΔT	26.9	26	25	22	27	27	25	22	27	27	25	22	27	27	26	22	27	27	25	22	25	25	24	20		
	kW	2.01	2.05	2.12	2.19	2.17	2.22	2.29	2.37	2.31	2.36	2.44	2.53	2.44	2.49	2.58	2.67	2.54	2.60	2.69	2.78	2.64	2.70	2.79	2.89		
85	1100	Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3	
		Hi PR	223	239	243	248	252	270	274	280	286	308	312	319	326	350	355	363	367	394	400	409	411	441	448	458	
		Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	

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

EXPANDED COOLING DATA — ASX160481A\* / 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	1744	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-	
		S/T	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-	
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-	
	1550	KW	2.94	3.01	3.10	-	3.18	3.25	3.36	-	3.38	3.46	3.58	-	3.57	3.65	3.77	-	3.72	3.81	3.94	-	3.86	3.95	4.08	-	
		Amps	11.4	11.7	12.1	-	12.3	12.6	13.0	-	13.4	13.7	14.2	-	14.3	14.7	15.2	-	15.2	15.6	16.1	-	16.1	16.5	17.1	-	
		HiPR	241	259	262	-	272	292	297	-	309	333	337	-	352	379	384	-	396	426	432	-	444	477	484	-	
	1356	Lo PR	120	124	135	-	123	127	139	-	127	131	144	-	131	135	147	-	133	138	150	-	137	141	154	-	
		MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-	
		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	-	
	75	1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
			ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	19	15	11
1550		KW	2.94	3.01	3.10	3.21	3.18	3.25	3.36	3.47	3.38	3.46	3.58	3.70	3.57	3.65	3.77	3.90	3.72	3.81	3.94	4.08	3.86	3.95	4.08	4.23	
		Amps	11.4	11.7	12.1	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8	
		HiPR	241	259	262	268	272	292	297	303	309	333	337	345	352	379	384	393	396	426	432	442	444	477	484	495	
1356		Lo PR	120	124	135	144	123	127	139	148	127	131	144	153	131	135	147	157	133	138	150	160	137	141	154	164	
		MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5	
		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	
75		1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
			ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	19	15	11
	1550	KW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
		HiPR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
	1356	Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1	
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
	75	1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
			ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	19	15	11
1550		KW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
		HiPR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
1356		Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1	
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
75		1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
			ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	19	15	11
	1550	KW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
		HiPR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
	1356	Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1	
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
	75	1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
			ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	19	15	11
1550		KW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
		HiPR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
1356		Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1	
		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									

EXPANDED COOLING DATA — ASX160481A\* / 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	MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5
	S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
	ΔT	24	23	20	16	25	23	20	16	24	23	20	16	23	24	20	16	22	23	21	17	21	21	19	15
	kW	2.94	3.01	3.10	3.21	3.18	3.25	3.36	3.47	3.38	3.46	3.58	3.70	3.57	3.65	3.77	3.90	3.72	3.81	3.94	4.08	3.86	3.95	4.08	4.23
	Amps	11.4	11.7	12.1	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8
	Hi PR	241	259	262	268	272	292	297	303	309	333	337	345	352	379	384	393	396	426	432	442	444	477	484	495
	Lo PR	120	124	135	144	123	127	139	148	127	131	144	153	131	135	147	157	133	138	150	160	137	141	154	164
	MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2
	S/T	0.91	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	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	24	24	21	17	22	23	20	16
kW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
Hi PR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
MBh	42.7	43.6	46.6	49.9	41.7	42.6	45.6	48.7	40.7	41.6	44.5	47.5	39.7	40.6	43.4	46.4	37.8	38.6	41.2	44.1	35.0	35.7	38.2	40.8	
S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58	
ΔT	25	24	21	17	26	25	21	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16	
kW	2.89	2.96	3.05	3.16	3.12	3.19	3.30	3.41	3.33	3.40	3.52	3.64	3.51	3.59	3.71	3.84	3.66	3.74	3.87	4.01	3.79	3.88	4.01	4.15	
Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.3	13.2	13.5	13.9	14.4	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.4	15.9	16.2	16.8	17.4	
Hi PR	236	254	257	263	267	287	291	297	303	326	331	338	345	371	376	385	388	418	424	433	435	468	474	485	
Lo PR	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161	

85	MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2
	S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
	ΔT	26	25	24	21	25	25	24	21	24	25	24	21	24	24	24	21	23	23	23	20	21	21	22	19
	kW	2.94	3.01	3.10	3.21	3.18	3.25	3.36	3.47	3.38	3.46	3.58	3.70	3.57	3.65	3.77	3.90	3.72	3.81	3.94	4.08	3.86	3.95	4.08	4.23
	Amps	11.4	11.7	12.1	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8
	Hi PR	241	259	262	268	272	292	297	303	309	333	337	345	352	379	384	393	396	426	432	442	444	477	484	495
	Lo PR	120	124	135	144	123	127	139	148	127	131	144	153	131	135	147	157	133	138	150	160	137	141	154	164
	MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9
	S/T	0.96	0.92	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	27	26	25	21	27	27	25	22	27	27	25	22	26	26	25	22	26	25	25	22	23	23	23	20
kW	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19	
Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6	
Hi PR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490	
Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162	
MBh	43.5	44.3	46.4	49.5	42.5	43.3	45.3	48.4	41.4	42.2	44.2	47.2	40.4	41.2	43.2	46.0	38.4	39.2	41.0	43.7	35.6	36.3	38.0	40.5	
S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75	
ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	27	27	25	22	24	25	24	21	
kW	2.89	2.96	3.05	3.16	3.12	3.19	3.30	3.41	3.33	3.40	3.52	3.64	3.51	3.59	3.71	3.84	3.66	3.74	3.87	4.01	3.79	3.88	4.01	4.15	
Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.3	13.2	13.5	13.9	14.4	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.4	15.9	16.2	16.8	17.4	
Hi PR	236	254	257	263	267	287	291	297	303	326	331	338	345	371	376	385	388	418	424	433	435	468	474	485	
Lo PR	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161	

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

EXPANDED COOLING DATA — ASX160601A\* / 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	1575	MBh	41.8	43.3	47.5	-	40.8	42.3	46.3	-	39.8	41.3	45.2	-	38.9	40.3	44.1	-	36.9	38.3	41.9	-	34.2	35.5	38.8	-	
		S/T	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
		ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1400	KW	2.61	2.67	2.76	-	2.83	2.89	2.99	-	3.02	3.09	3.19	-	3.19	3.26	3.37	-	3.33	3.41	3.52	-	3.45	3.53	3.66	-	
		Amps	10.1	10.3	10.7	-	10.9	11.2	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.5	-	14.9	15.2	15.8	-	15.7	16.1	16.7	-	
		Hi PR	231	248	252	-	253	272	276	-	297	319	323	-	338	363	368	-	380	409	415	-	439	472	479	-	
	1225	Lo PR	120	124	136	-	124	128	140	-	128	132	144	-	132	136	148	-	134	139	151	-	138	142	155	-	
		MBh	40.6	42.0	46.1	-	39.6	41.1	45.0	-	38.7	40.1	43.9	-	37.7	39.1	42.9	-	35.9	37.2	40.7	-	33.2	34.4	37.7	-	
		S/T	0.71	0.60	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	-	
	75	1575	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
			KW	2.59	2.65	2.74	-	2.80	2.87	2.97	-	2.99	3.06	3.17	-	3.16	3.23	3.34	-	3.30	3.38	3.49	-	3.42	3.50	3.62	-
			Amps	10.0	10.2	10.6	-	10.8	11.1	11.5	-	11.8	12.1	12.5	-	12.6	12.9	13.4	-	14.7	15.1	15.6	-	15.6	15.9	16.5	-
1400		Hi PR	228	246	249	-	251	270	274	-	294	316	320	-	335	360	365	-	376	405	410	-	435	468	474	-	
		Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	141	153	-	
		MBh	37.4	38.8	42.5	-	36.6	37.9	41.5	-	35.7	37.0	40.5	-	34.8	36.1	39.6	-	33.1	34.3	37.6	-	30.7	31.8	34.8	-	
1225		S/T	0.69	0.57	0.40	-	0.71	0.60	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	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
		KW	2.57	2.63	2.72	-	2.78	2.84	2.94	-	2.97	3.03	3.14	-	3.13	3.20	3.31	-	3.27	3.35	3.46	-	3.39	3.47	3.59	-	
75		1575	Amps	9.9	10.1	10.5	-	10.7	11.0	11.4	-	11.7	12.0	12.4	-	12.5	12.8	13.2	-	14.6	15.0	15.5	-	15.4	15.8	16.3	-
			Hi PR	226	243	247	-	248	267	271	-	291	313	317	-	331	356	361	-	373	401	406	-	431	463	469	-
			Lo PR	118	122	133	-	122	125	137	-	126	130	142	-	129	133	145	-	132	136	148	-	135	139	152	-
	1400	MBh	42.5	43.8	47.4	50.8	41.5	42.7	46.3	49.6	40.5	41.7	45.2	48.5	39.5	40.7	44.1	47.3	37.6	38.7	41.9	44.9	34.8	35.8	38.8	41.6	
		S/T	0.85	0.76	0.58	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	0.87	0.66	0.42	0.98	0.87	0.66	0.43	
		ΔT	21	19	16	11	21	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	
	1225	KW	2.61	2.67	2.76	2.86	2.83	2.89	2.99	3.10	3.02	3.09	3.19	3.31	3.19	3.26	3.37	3.49	3.33	3.41	3.52	3.65	3.45	3.53	3.66	3.79	
		Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	14.9	15.2	15.8	16.4	15.7	16.1	16.7	17.3	
		Hi PR	231	248	252	257	253	272	276	282	297	319	323	331	338	363	368	377	380	409	415	424	439	472	479	490	
	75	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	139	151	161	138	142	155	165	
		MBh	41.3	42.5	46.0	49.3	40.3	41.5	44.9	48.2	39.3	40.5	43.8	47.1	38.4	39.5	42.8	45.9	36.5	37.5	40.6	43.6	33.8	34.8	37.6	40.4	
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41	
1400	ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
	KW	2.59	2.65	2.74	2.83	2.80	2.87	2.97	3.07	2.99	3.06	3.17	3.28	3.16	3.23	3.34	3.46	3.30	3.38	3.49	3.62	3.42	3.50	3.62	3.75		
	Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	12.9	13.4	13.9	14.7	15.1	15.6	16.2	15.6	15.9	16.5	17.1		
1225	Hi PR	228	246	249	255	251	270	274	280	294	316	320	327	335	360	365	373	376	405	410	419	435	468	474	485		
	Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	141	153	163		
	MBh	38.1	39.2	42.4	45.5	37.2	38.3	41.5	44.5	36.3	37.4	40.5	43.4	35.4	36.5	39.5	42.4	33.7	34.6	37.5	40.3	31.2	32.1	34.7	37.3		
75	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	0.80	0.60	0.39	0.90	0.80	0.61	0.39		
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11		
	KW	2.57	2.63	2.72	2.81	2.78	2.84	2.94	3.04	2.97	3.03	3.14	3.25	3.13	3.20	3.31	3.43	3.27	3.35	3.46	3.58	3.39	3.47	3.59	3.72		
75	Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.8	12.5	12.8	13.2	13.7	14.6	15.0	15.5	16.1	15.4	15.8	16.3	17.0		
	Hi PR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	373	401	406	415	431	463	469	480		
	Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162		

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

Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)

Design Subcooling @ AHRI 95°F Conditions, 5° - 7°F @ the Service Valve



EXPANDED COOLING DATA — ASX160601A\* / 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	MBh	43.3	44.2	47.2	50.5	42.2	43.2	46.1	49.3	41.2	42.1	45.0	48.1	40.2	41.1	43.9	47.0	38.2	39.1	41.7	44.6	35.4	36.2	38.7	41.3
	S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
	ΔT	24	23	20	16	24	23	20	16	23	23	20	16	23	23	20	16	22	21	18	15	21	21	18	15
	kW	2.61	2.67	2.76	2.86	2.83	2.89	2.99	3.10	3.02	3.09	3.19	3.31	3.19	3.26	3.37	3.49	3.33	3.41	3.52	3.65	3.45	3.53	3.66	3.79
	Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	14.9	15.2	15.8	16.4	15.7	16.1	16.7	17.3
	HIPR	231	248	252	257	253	272	276	282	297	319	323	331	338	363	368	377	380	409	415	424	439	472	479	490
	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	139	151	161	138	142	155	165
	MBh	42.0	42.9	45.8	49.0	41.0	41.9	44.8	47.9	40.0	40.9	43.7	46.7	39.1	39.9	42.6	45.6	37.1	37.9	40.5	43.3	34.4	35.1	37.5	40.1
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	23	22	19	15
kW	2.59	2.65	2.74	2.83	2.80	2.87	2.97	3.07	2.99	3.06	3.17	3.28	3.16	3.23	3.34	3.46	3.30	3.38	3.49	3.62	3.42	3.50	3.62	3.75	
Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	12.9	13.4	13.9	14.7	15.1	15.6	16.2	15.6	15.9	16.5	17.1	
HIPR	228	246	249	255	251	270	274	280	294	316	320	327	335	360	365	373	376	405	410	419	435	468	474	485	
Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	141	153	163	
MBh	38.8	39.6	42.3	45.2	37.9	38.7	41.3	44.2	37.0	37.8	40.3	43.1	36.1	36.8	39.4	42.1	34.3	35.0	37.4	40.0	31.7	32.4	34.6	37.0	
S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56	
ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	20	16	
kW	2.57	2.63	2.72	2.81	2.78	2.84	2.94	3.04	2.97	3.03	3.14	3.25	3.13	3.20	3.31	3.43	3.27	3.35	3.46	3.58	3.39	3.47	3.59	3.72	
Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.8	12.5	12.8	13.2	13.7	14.6	15.0	15.5	16.1	15.4	15.8	16.3	17.0	
HIPR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	373	401	406	415	431	463	469	480	
Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162	

85	MBh	44.0	44.9	47.0	50.1	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	40.9	41.7	43.7	46.6	38.9	39.6	41.5	44.3	36.0	36.7	38.5	41.0
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
	ΔT	25	25	23	20	25	25	24	20	24	24	25	24	24	24	24	21	23	23	23	20	21	21	22	19
	kW	2.61	2.67	2.76	2.86	2.83	2.89	2.99	3.10	3.02	3.09	3.19	3.31	3.19	3.26	3.37	3.49	3.33	3.41	3.52	3.65	3.45	3.53	3.66	3.79
	Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	14.9	15.2	15.8	16.4	15.7	16.1	16.7	17.3
	HIPR	231	248	252	257	253	272	276	282	297	319	323	331	338	363	368	377	380	409	415	424	439	472	479	490
	Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	139	151	161	138	142	155	165
	MBh	42.7	43.6	45.6	48.7	41.7	42.5	44.6	47.5	40.7	41.5	43.5	46.4	39.7	40.5	42.4	45.3	37.8	38.5	40.3	43.0	35.0	35.7	37.3	39.8
	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
	ΔT	26	26	24	21	26	26	25	21	27	26	25	21	26	26	25	21	26	26	25	21	23	23	23	20
kW	2.59	2.65	2.74	2.83	2.80	2.87	2.97	3.07	2.99	3.06	3.17	3.28	3.16	3.23	3.34	3.46	3.30	3.38	3.49	3.62	3.42	3.50	3.62	3.75	
Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	12.9	13.4	13.9	14.7	15.1	15.6	16.2	15.6	15.9	16.5	17.1	
HIPR	228	246	249	255	251	270	274	280	294	316	320	327	335	360	365	373	376	405	410	419	435	468	474	485	
Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	141	153	163	
MBh	39.4	40.2	42.1	44.9	38.5	39.3	41.1	43.9	37.6	38.3	40.1	42.8	36.7	37.4	39.2	41.8	34.8	35.5	37.2	39.7	32.3	32.9	34.5	36.8	
S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73	
ΔT	26.6	26	25	21	27	26	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20	
kW	2.57	2.63	2.72	2.81	2.78	2.84	2.94	3.04	2.97	3.03	3.14	3.25	3.13	3.20	3.31	3.43	3.27	3.35	3.46	3.58	3.39	3.47	3.59	3.72	
Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.8	12.5	12.8	13.2	13.7	14.6	15.0	15.5	16.1	15.4	15.8	16.3	17.0	
HIPR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	373	401	406	415	431	463	469	480	
Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162	

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

EXPANDED COOLING DATA — ASX160601A\* / 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	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	1800	KW	3.94	4.02	4.15	-	4.25	4.34	4.48	-	4.52	4.62	4.77	-	4.76	4.86	5.03	-	4.96	5.07	5.24	-	5.14	5.25	5.43	-	
		Amps	14.2	14.5	15.0	-	15.4	15.8	16.3	-	16.8	17.2	17.8	-	18.0	18.4	19.0	-	21.0	21.6	22.3	-	22.2	22.8	23.6	-	
		HI/PR	247	266	269	-	271	292	296	-	318	342	346	-	362	389	395	-	407	438	444	-	470	506	513	-	
	1575	Lo PR	118	121	132	-	121	125	136	-	125	129	141	-	128	132	145	-	131	135	148	-	134	138	151	-	
		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	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-	
	75	2025	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
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
			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
1800		KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	
		Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5	
		HI/PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524	
1575		Lo PR	118	121	132	141	121	125	136	145	125	129	141	150	128	132	145	154	131	135	148	157	134	138	151	161	
		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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42	
70		2025	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
			S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
			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
	1800	KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	
		Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5	
		HI/PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524	
	1575	Lo PR	118	121	132	141	121	125	136	145	125	129	141	150	128	132	145	154	131	135	148	157	134	138	151	161	
		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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42	

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

EXPANDED COOLING DATA — ASX160601A\* / 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	0.95	0.90	0.73	0.54	1.00	0.93	0.76	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
		ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	21	17	21	22	20	16	
	1800	KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	
		Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5
		HI/PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524	
	1575	Lo PR	118	121	132	141	121	125	136	145	125	129	141	150	128	132	145	154	131	135	148	157	134	138	151	161	
		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	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	
	85	2025	ΔT	26	25	22	17	26	25	22	18	27	26	22	18	27	26	22	18	25	25	22	17	23	24	20	16
			KW	3.91	3.99	4.12	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.73	4.89	4.72	4.82	4.98	5.15	4.92	5.03	5.20	5.38	5.09	5.21	5.39	5.57
			Amps	14.0	14.4	14.9	15.5	15.2	15.6	16.1	16.8	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	20.8	21.4	22.1	23.0	22.0	22.6	23.4	24.3
1800		HI/PR	245	263	267	273	269	289	293	299	314	338	343	350	358	385	391	399	403	433	439	449	466	501	508	519	
		Lo PR	116	120	131	140	120	124	135	144	124	128	139	149	127	131	143	153	130	134	146	156	133	137	150	159	
		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	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58	
		ΔT	27	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17	
		KW	3.87	3.96	4.08	4.22	4.18	4.27	4.41	4.55	4.44	4.54	4.69	4.85	4.68	4.78	4.94	5.11	4.88	4.99	5.16	5.33	5.05	5.17	5.34	5.52	
85		Amps	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.4	16.9	17.4	18.1	17.6	18.1	18.7	19.4	20.6	21.1	21.9	22.7	21.8	22.3	23.1	24.0	
		HI/PR	242	260	264	270	266	286	290	296	311	335	340	347	355	381	387	395	399	429	435	445	461	496	503	514	
		Lo PR	115	119	130	138	119	122	134	142	123	126	138	147	126	130	142	151	128	132	145	154	132	136	148	158	
85	2025	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	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81	
		ΔT	27	26	25	22	26	27	25	22	25	26	25	22	25	25	25	22	24	24	25	22	22	22	23	20	
	1800	KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	
		Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5	
		HI/PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524	
	1575	Lo PR	118	121	132	141	121	125	136	145	125	129	141	150	128	132	145	154	131	135	148	157	134	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	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	
	85	2025	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	27	28	26	23	26	26	26	23	24	24	21	17
			KW	3.91	3.99	4.12	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.73	4.89	4.72	4.82	4.98	5.15	4.92	5.03	5.20	5.38	5.09	5.21	5.39	5.57
			Amps	14.0	14.4	14.9	15.5	15.2	15.6	16.1	16.8	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	20.8	21.4	22.1	23.0	22.0	22.6	23.4	24.3
1800		HI/PR	245	263	267	273	269	289	293	299	314	338	343	350	358	385	391	399	403	433	439	449	466	501	508	519	
		Lo PR	116	120	131	140	120	124	135	144	124	128	139	149	127	131	143	153	130	134	146	156	133	137	150	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	0.92	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	0.75	
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	27	28	26	23	25	26	25	21	
		KW	3.87	3.96	4.08	4.22	4.18	4.27	4.41	4.55	4.44	4.54	4.69	4.85	4.68	4.78	4.94	5.11	4.88	4.99	5.16	5.33	5.05	5.17	5.34	5.52	
85		Amps	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.4	16.9	17.4	18.1	17.6	18.1	18.7	19.4	20.6	21.1	21.9	22.7	21.8	22.3	23.1	24.0	
		HI/PR	242	260	264	270	266	286	290	296	311	335	340	347	355	381	387	395	399	429	435	445	461	496	503	514	
		Lo PR	115	119	130	138	119	122	134	142	123	126	138	147	126	130	142	151	128	132	145	154	132	136	148	158	

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

AHRI PERFORMANCE DATA

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0241A*	AEPF183016C*+TXV		22,400	16,800	15.0	12.5	1492704
	AEPF303616C*+TXV		24,000	18,000	16.0	13.0	1443998
	AEPF313716A*+TXV		24,000	18,000	16.0	13.0	3305572
	CA*F3636*6B*+MBE1200**-1+TXV		24,000	18,000	16.0	13.0	1347450
	CA*F3636*6B*+TXV	A*V80703B**	24,000	18,000	16.0	13.0	1347451
	CA*F3636*6B*+TXV	A*V80704B**	24,000	18,000	16.0	13.0	1347452
	CA*F3636*6B*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	1347453
	CA*F3636*6B*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	1347454
	CA*F3636*6B*+TXV	G*V950453B**	24,000	18,000	16.0	13.0	3298346
	CA*F3636*6B*+TXV	G*V950704C**	24,000	18,000	16.0	13.0	1404288
	CA*F3642*6B*+TXV	A*V80704B**	24,000	18,000	16.0	13.0	3093703
	CA*F3642*6B*+TXV	A*V81155C**	24,000	18,000	16.0	13.0	1347455
	CA*F3642*6B*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	3093706
	CA*F3642*6B*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	1347456
	CA*F3642*6B*+TXV	A*V90905D**	24,000	18,000	16.0	13.0	1347457
	CA*F3642*6B*+TXV	G*V950704C**	24,000	18,000	16.0	13.0	1404289
	CA*F3642*6B*+TXV	G*V950905D**	24,000	18,000	16.0	13.0	3298347
	CHPF3636B6B*+MBE1200**-1A*+TXV		24,000	18,000	16.0	13.0	1347475
	CHPF3636B6B*+TXV	A*V80704B**	24,000	18,000	16.0	13.0	1347476
	CHPF3636B6B*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	1347477
	CHPF3636B6B*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	1347478
	CHPF3636B6B*+TXV	A/G*V80704B**	24,000	18,000	16.0	12.5	1347479
	CHPF3636B6B*+TXV	G*V950453B**	24,000	18,000	16.0	13.0	3298348
	CHPF3636B6B*+TXV	G*V950704C**	24,000	18,000	16.0	13.0	3298349
	CHPF3636B6C*+MBE1200**-1B*+TXV		24,000	18,000	16.0	13.0	3299556
	CHPF3636B6C*+TXV	A*V80704B**	24,000	18,000	16.0	12.5	3299557
	CHPF3636B6C*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	3299558
	CHPF3636B6C*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	3299559
	CHPF3636B6C*+TXV	G*V80704B**	24,000	18,000	16.0	12.5	3299560
	CHPF3642C6B*+TXV	A*V80704B**	24,000	18,000	16.0	13.0	3093704
	CHPF3642C6B*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	3093707
	CHPF3642C6B*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	3093709
	CHPF3642C6C*+TXV	A*V80704B**	24,000	18,000	16.0	12.0	3299565
	CHPF3642C6C*+TXV	A*V80905C**	24,000	18,000	16.0	12.5	3299561
	CHPF3642C6C*+TXV	A*V81155C**	24,000	18,000	16.0	12.5	3299562
	CHPF3642C6C*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	3299566
	CHPF3642C6C*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	3299567
	CHPF3642C6C*+TXV	G*V80704B**	24,000	18,000	16.0	12.0	3299568
	CHPF3642C6C*+TXV	G*V80905C**	24,000	18,000	16.0	12.5	3299563
	CHPF3642C6C*+TXV	G*V81155C**	24,000	18,000	16.0	12.5	3299564
	CHPF3743C6A*+TXV	A*V80905C**	24,000	18,000	16.0	13.0	1347480
	CHPF3743C6A*+TXV	A*V81155C**	24,000	18,000	16.0	13.0	1347481
CHPF3743C6A*+TXV	A/G*V80704B**	24,000	18,000	16.0	12.0	1347482	
CHPF3743C6A*+TXV	A/G*V80905C**	24,000	18,000	16.0	12.5	1347483	
CHPF3743C6A*+TXV	A/G*V81155C**	24,000	18,000	16.0	12.5	1347484	

See Notes on Page 25.

# AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0241A* (cont.)	CHPF3743C6B*+TXV	A*V80704B**	24,000	18,000	16.0	12.0	3299569
	CHPF3743C6B*+TXV	A*V80905C**	24,000	18,000	16.0	12.5	3299570
	CHPF3743C6B*+TXV	A*V81155C**	24,000	18,000	16.0	12.5	3299571
	CHPF3743C6B*+TXV	G*V80704B**	24,000	18,000	16.0	12.0	3299572
	CHPF3743C6B*+TXV	G*V80905C**	24,000	18,000	16.0	12.5	3299573
	CHPF3743C6B*+TXV	G*V81155C**	24,000	18,000	16.0	12.5	3299574
	CHTF3636B6A*+MBE1200**-1*+TXV		24,000	18,000	15.5	12.5	3186298
	CSCF3642N6C*+TXV	A*V80704B**	24,000	18,000	16.0	13.0	3093705
	CSCF3642N6C*+TXV	A*V90453B**	24,000	18,000	16.0	13.0	3093708
	CSCF3642N6C*+TXV	A*V90704C**	24,000	18,000	16.0	13.0	3093710
	CT*F3636*6A*+MBE1200**-1*+TXV		24,000	18,000	16.0	13.0	3186305
ASX16 0361A*	AEPF303616C*+TXV		35,000	24,900	16.0	12.8	1443999
	AEPF313716A*+TXV		35,000	24,900	16.0	12.8	3305573
	AEPF426016C*+TXV		36,000	25,600	16.0	12.8	1492705
	CA*F3636*6B*+MBE1600**-1+TXV		35,000	24,900	16.0	12.5	1347458
	CA*F3642*6B*+MBE1600**-1+TXV		35,000	24,900	16.0	12.5	1347474
	CA*F3642*6B*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3093732
	CA*F3642*6B*+TXV	A*V80905C**	35,000	24,900	16.0	12.5	1347459
	CA*F3642*6B*+TXV	A*V81155C**	34,600	24,600	16.0	12.5	1347460
	CA*F3642*6B*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3093711
	CA*F3642*6B*+TXV	A*V90704C**	34,600	24,600	16.0	12.0	1347461
	CA*F3642*6B*+TXV	A*V90905D**	34,600	24,600	16.0	12.3	1347462
	CA*F3642*6B*+TXV	A*V91155D**	34,600	24,600	16.0	12.3	1347463
	CA*F3642*6B*+TXV	G*V950453B**	34,000	24,100	16.0	12.5	3298355
	CA*F3642*6B*+TXV	G*V950704C**	34,600	24,600	16.0	12.0	1404291
	CA*F3642*6B*+TXV	G*V950905D**	34,600	24,600	16.0	12.3	1404292
	CA*F3642*6B*+TXV	G*V951155D**	34,600	24,600	16.0	12.3	1404296
	CA*F3743*6A*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3093733
	CA*F3743*6A*+TXV	A*V80905C**	34,000	24,100	16.0	12.5	3093740
	CA*F3743*6A*+TXV	A*V81155C**	34,000	24,100	16.0	12.5	3093745
	CA*F3743*6A*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3093712
	CA*F3743*6A*+TXV	A*V90704C**	34,000	24,100	16.0	12.5	3093719
	CA*F3743*6A*+TXV	A*V90905D**	34,000	24,100	16.0	12.5	3093724
	CA*F3743*6A*+TXV	A*V91155D**	34,000	24,100	16.0	12.5	3093728
	CA*F3743*6A*+TXV	G*V950704C**	34,000	24,100	16.0	12.5	3298358
	CA*F3743*6A*+TXV	G*V950905D**	34,000	24,100	16.0	12.5	3298360
	CA*F3743*6A*+TXV	G*V951155D**	34,000	24,100	16.0	12.5	3298362
	CA*F4860*6B*+TXV	A*V80704B**	34,600	24,600	16.0	12.5	3093734
	CA*F4860*6B*+TXV	A*V80905C**	35,000	24,900	16.0	12.5	3093741
	CA*F4860*6B*+TXV	A*V90453B**	35,000	24,900	16.0	12.5	3093713
	CA*F4860*6B*+TXV	A*V90704C**	34,600	24,600	16.0	12.5	3093720
	CA*F4860*6B*+TXV	A*V90905D**	35,000	24,900	16.0	12.5	3093725
	CA*F4860*6B*+TXV	A*V91155D**	35,000	24,900	16.0	12.5	3093729
	CA*F4860*6B*+TXV	G*V950453B**	35,000	24,900	16.0	12.5	3298356
CA*F4860*6B*+TXV	G*V950704C**	34,600	24,600	16.0	12.5	3298359	

See Notes on Page 25.

AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0361A* (cont.)	CA*F4860*6B*+TXV	G*V950905D**	35,000	24,900	16.0	12.5	3298361
	CA*F4860*6B*+TXV	G*V951155D**	35,000	24,900	16.0	12.5	3298363
	CHPF3642C6C*+MBE1600**-1B*+TXV		34,600	24,600	16.0	12.5	3299640
	CHPF3642C6C*+TXV	A*V80704B**	34,000	24,100	15.5	12.0	3299642
	CHPF3642C6C*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	3299643
	CHPF3642C6C*+TXV	A*V81155C**	34,600	24,600	16.0	12.5	3299644
	CHPF3642C6C*+TXV	A*V90704C**	34,600	24,600	16.0	12.0	3299645
	CHPF3642C6C*+TXV	G*V80704B**	34,000	24,100	15.5	12.0	3299648
	CHPF3642C6C*+TXV	G*V80905C**	34,600	24,600	16.0	12.5	3299649
	CHPF3642C6C*+TXV	G*V81155C**	34,600	24,600	16.0	12.5	3299650
	CHPF3642D6C*+MBE2000**-1B*+TXV		35,000	24,900	16.0	12.8	3299641
	CHPF3642D6C*+TXV	A*V90905D**	34,600	24,600	16.0	12.5	3299646
	CHPF3642D6C*+TXV	A*V91155D**	34,600	24,600	16.0	12.5	3299647
	CHPF3743C6A*+MBE1600**-1A*+TXV		34,600	24,600	16.0	12.5	1347485
	CHPF3743C6A*+MBE2000**-1A*+TXV		35,000	24,900	16.0	12.8	1347888
	CHPF3743C6A*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3093735
	CHPF3743C6A*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	1347486
	CHPF3743C6A*+TXV	A*V81155C**	34,600	24,600	16.0	12.5	1347487
	CHPF3743C6A*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3093714
	CHPF3743C6A*+TXV	A*V90704C**	34,600	24,600	16.0	12.0	1347488
	CHPF3743C6A*+TXV	A*V90905D**	34,600	24,600	16.0	12.5	1347880
	CHPF3743C6A*+TXV	A*V91155D**	34,600	24,600	16.0	12.5	1347881
	CHPF3743C6A*+TXV	A/G*V80704B**	34,000	24,100	15.5	12.0	1347489
	CHPF3743C6A*+TXV	A/G*V80905C**	34,600	24,600	16.0	12.5	1347490
	CHPF3743C6A*+TXV	A/G*V81155C**	34,600	24,600	16.0	12.5	1347491
	CHPF3743C6A*+TXV	G*V950453B**	34,000	24,100	16.0	12.5	3298357
	CHPF3743C6A*+TXV	G*V950905D**	34,600	24,600	16.0	12.5	3298351
	CHPF3743C6A*+TXV	G*V951155D**	34,600	24,600	16.0	12.5	3298352
	CHPF3743C6B*+MBE1600**-1B*+TXV		34,600	24,600	16.0	12.5	3299651
	CHPF3743C6B*+MBE2000**-1B*+TXV		35,000	24,900	16.0	12.8	3299652
	CHPF3743C6B*+TXV	A*V80704B**	34,000	24,100	15.5	12.0	3299653
	CHPF3743C6B*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	3299654
	CHPF3743C6B*+TXV	A*V81155C**	34,600	24,600	16.0	12.5	3299655
	CHPF3743C6B*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3299656
	CHPF3743C6B*+TXV	A*V90704C**	34,600	24,600	16.0	12.0	3299657
	CHPF3743C6B*+TXV	A*V90905D**	34,600	24,600	16.0	12.5	3299658
	CHPF3743C6B*+TXV	A*V91155D**	34,600	24,600	16.0	12.5	3299659
	CHPF3743C6B*+TXV	G*V80704B**	34,000	24,100	15.5	12.0	3299660
	CHPF3743C6B*+TXV	G*V80905C**	34,600	24,600	16.0	12.5	3299661
	CHPF3743C6B*+TXV	G*V81155C**	34,600	24,600	16.0	12.5	3299662
CHPF3743D6A*+MBE2000**-1A*+TXV		35,000	24,900	16.0	12.8	1347492	
CHPF3743D6A*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3093736	
CHPF3743D6A*+TXV	A*V80905C**	34,000	24,100	16.0	12.5	3093742	
CHPF3743D6A*+TXV	A*V81155C**	34,000	24,100	16.0	12.5	3093746	
CHPF3743D6A*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3093715	

See Notes on Page 25.

# AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0361A* (cont.)	CHPF3743D6A*+TXV	A*V90704C**	34,000	24,100	16.0	12.5	3093721
	CHPF3743D6A*+TXV	A*V90905D**	34,600	24,600	16.0	12.5	1347493
	CHPF3743D6A*+TXV	A*V91155D**	34,600	24,600	16.0	12.5	1347494
	CHPF3743D6B*+MBE2000**-1B*+TXV		35,000	24,900	16.0	12.8	3299663
	CHPF3743D6B*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3299664
	CHPF3743D6B*+TXV	A*V80905C**	34,000	24,100	16.0	12.5	3299665
	CHPF3743D6B*+TXV	A*V81155C**	34,000	24,100	16.0	12.5	3299666
	CHPF3743D6B*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3299667
	CHPF3743D6B*+TXV	A*V90704C**	34,000	24,100	16.0	12.5	3299668
	CHPF3743D6B*+TXV	A*V90905D**	34,600	24,600	16.0	12.5	3299669
	CHPF3743D6B*+TXV	A*V91155D**	34,600	24,600	16.0	12.5	3299670
	CHPF4860D6C*+TXV	A*V80704B**	34,600	24,600	16.0	12.5	3093737
	CHPF4860D6C*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	3093743
	CHPF4860D6C*+TXV	A*V81155C**	35,000	24,900	16.0	12.5	3093747
	CHPF4860D6C*+TXV	A*V90453B**	34,600	24,600	16.0	12.5	3093716
	CHPF4860D6C*+TXV	A*V90704C**	35,000	24,900	16.0	12.5	3093722
	CHPF4860D6C*+TXV	A*V90905D**	35,000	24,900	16.0	12.5	3093726
	CHPF4860D6C*+TXV	A*V91155D**	35,000	24,900	16.0	12.5	3093730
	CHPF4860D6C*+TXV	A/G*V80704B**	34,600	24,600	16.0	12.5	1347882
	CHPF4860D6C*+TXV	A/G*V80905C**	34,600	24,600	16.0	12.5	1347883
	CHPF4860D6D*+TXV	A*V80704B**	34,600	24,600	16.0	12.5	3299671
	CHPF4860D6D*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	3299672
	CHPF4860D6D*+TXV	A*V81155C**	35,000	24,900	16.0	12.5	3299673
	CHPF4860D6D*+TXV	A*V90453B**	34,600	24,600	16.0	12.5	3299674
	CHPF4860D6D*+TXV	A*V90704C**	35,000	24,900	16.0	12.5	3299675
	CHPF4860D6D*+TXV	A*V90905D**	35,000	24,900	16.0	12.5	3299676
	CHPF4860D6D*+TXV	A*V91155D**	35,000	24,900	16.0	12.5	3299677
	CHPF4860D6D*+TXV	G*V80704B**	34,600	24,600	16.0	12.5	3299678
	CHPF4860D6D*+TXV	G*V80905C**	34,600	24,600	16.0	12.5	3299679
	CHTF3743C6A*+MBE1600**-1*+TXV		34,600	24,600	16.0	12.5	3186299
	CSCF3642N6C*+TXV	A*V80704B**	34,000	24,100	16.0	12.5	3093738
	CSCF3642N6C*+TXV	A*V80905C**	34,200	24,300	16.0	12.3	1307002
	CSCF3642N6C*+TXV	A*V81155C**	34,200	24,300	16.0	12.3	1297031
	CSCF3642N6C*+TXV	A*V90453B**	34,000	24,100	16.0	12.5	3093717
	CSCF3642N6C*+TXV	A*V90704C**	34,200	24,300	16.0	12.0	1307003
	CSCF3642N6C*+TXV	A*V90905D**	34,600	24,600	16.0	12.3	1297032
	CSCF3642N6C*+TXV	A*V91155D**	34,600	24,600	16.0	12.3	1310123
	CSCF4860N6C*+TXV	A*V80704B**	35,000	24,900	16.0	12.5	3093739
	CSCF4860N6C*+TXV	A*V80905C**	34,600	24,600	16.0	12.5	3093744
	CSCF4860N6C*+TXV	A*V81155C**	35,000	24,900	16.0	12.5	3093748
	CSCF4860N6C*+TXV	A*V90453B**	35,000	24,900	16.0	12.5	3093718
	CSCF4860N6C*+TXV	A*V90704C**	35,000	24,900	16.0	12.5	3093723
CSCF4860N6C*+TXV	A*V90905D**	35,000	24,900	16.0	12.5	3093727	
CSCF4860N6C*+TXV	A*V91155D**	35,000	24,900	16.0	12.5	3093731	
CT*F3636*6A*+MBE1600**-1*+TXV		34,600	24,600	16.0	12.5	3186306	
CT*F3642*6A*+MBE1600**-1*+TXV		34,600	24,600	16.0	12.5	3186307	

See Notes on Page 25.

AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0481A*	AEPF426016C*+TXV		46,000	35,000	15.5	12.0	1492706
	CA*F4860*6B*+MBE1600**-1+TXV		46,000	35,000	15.0	12.0	3097713
	CA*F4860*6B*+MBE2000**-1+TXV		47,000	35,700	16.0	12.5	1347464
	CA*F4860*6B*+TXV	A*V80704B**	45,500	34,600	15.0	12.0	3097692
	CA*F4860*6B*+TXV	A*V80905C**	47,000	35,700	16.0	12.3	1486976
	CA*F4860*6B*+TXV	A*V81155C**	46,500	35,300	16.0	12.5	3097693
	CA*F4860*6B*+TXV	A*V90704C**	45,500	34,600	15.0	12.0	3097694
	CA*F4860*6B*+TXV	A*V90905D**	47,000	35,700	16.0	12.3	1347466
	CA*F4860*6B*+TXV	A*V91155D**	47,000	35,700	16.0	12.3	1347467
	CA*F4860*6B*+TXV	A/G*V80905C**	46,500	35,300	16.0	12.5	1347468
	CA*F4860*6B*+TXV	A/G*V81155C**	46,500	35,300	16.0	12.5	1347469
	CA*F4860*6B*+TXV	G*V950905D**	47,000	35,700	16.0	12.3	1404300
	CA*F4860*6B*+TXV	G*V951155D**	47,000	35,700	16.0	12.3	1404301
	CA*F4961*6A*+MBE1600**-1+TXV		46,000	35,000	15.0	12.0	3097714
	CA*F4961*6A*+MBE2000**-1+TXV		47,000	35,700	16.0	12.5	3097715
	CA*F4961*6A*+TXV	A*V80704B**	46,000	35,000	15.5	12.2	3097695
	CA*F4961*6A*+TXV	A*V80905C**	47,000	35,700	16.0	12.5	3097696
	CA*F4961*6A*+TXV	A*V81155C**	46,500	35,300	16.0	12.5	3097697
	CA*F4961*6A*+TXV	A*V90704C**	46,500	35,300	15.0	12.0	3097698
	CA*F4961*6A*+TXV	A*V90905D**	47,000	35,700	16.0	12.5	3097699
	CA*F4961*6A*+TXV	A*V91155D**	47,000	35,700	16.0	12.5	3097700
	CA*F4961*6A*+TXV	G*V950905D**	47,000	35,700	16.0	12.5	3298364
	CA*F4961*6A*+TXV	G*V951155D**	47,000	35,700	16.0	12.5	3298365
	CHPF4860*6A*+TXV	A*V80905C**	47,000	35,700	16.0	12.3	1486980
	CHPF4860D6C*+MBE1600**-1+TXV		46,000	35,000	15.0	12.0	3097716
	CHPF4860D6C*+MBE2000**-1A*+TXV		47,000	35,700	16.0	12.5	1347495
	CHPF4860D6C*+TXV	A*V80704B**	45,500	34,600	15.5	12.0	3097701
	CHPF4860D6C*+TXV	A*V80905C**	47,000	35,700	16.0	12.3	1486977
	CHPF4860D6C*+TXV	A*V81155C**	46,000	35,000	15.5	12.2	3097702
	CHPF4860D6C*+TXV	A*V90704C**	46,000	35,000	15.5	12.0	1347884
	CHPF4860D6C*+TXV	A*V90905D**	47,000	35,700	16.0	12.3	1347497
	CHPF4860D6C*+TXV	A*V91155D**	47,000	35,700	16.0	12.3	1347498
	CHPF4860D6C*+TXV	A/G*V80905C**	45,500	34,600	15.5	12.0	1347499
	CHPF4860D6C*+TXV	A/G*V81155C**	45,500	34,600	15.5	12.0	1347500
	CHPF4860D6D*+MBE1600**-1B*+TXV		46,000	35,000	15.0	12.0	3299791
	CHPF4860D6D*+MBE2000**-1B*+TXV		47,000	35,700	16.0	12.5	3299792
	CHPF4860D6D*+TXV	A*V80704B**	45,500	34,600	15.5	12.0	3299793
	CHPF4860D6D*+TXV	A*V80905C**	45,500	34,600	15.5	12.0	3299794
	CHPF4860D6D*+TXV	A*V81155C**	45,500	34,600	15.5	12.0	3299795
	CHPF4860D6D*+TXV	A*V90704C**	46,000	35,000	15.5	12.0	3299796
	CHPF4860D6D*+TXV	A*V90905D**	47,000	35,700	16.0	12.3	3299797
	CHPF4860D6D*+TXV	A*V91155D**	47,000	35,700	16.0	12.3	3299798
CHPF4860D6D*+TXV	G*V80905C**	45,500	34,600	15.5	12.0	3299799	
CHPF4860D6D*+TXV	G*V81155C**	45,500	34,600	15.5	12.0	3299800	
CHTF4860D6A*+MBE2000**-1*+TXV		47,000	35,700	16.0	12.5	3186312	
CSCF4860N6C*+TXV	A*V80704B**	45,500	34,600	15.5	12.0	3097703	
CSCF4860N6C*+TXV	A*V80905C**	47,000	35,700	16.0	12.3	1297056	



# AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX16 0481A* (cont.)	CSCF4860N6C*+TXV	A*V81155C**	46,000	35,000	15.5	12.0	3097704
	CSCF4860N6C*+TXV	A*V90704C**	45,500	34,600	15.0	12.0	3097705
	CSCF4860N6C*+TXV	A*V90905D**	46,000	35,000	16.0	12.5	1297054
	CSCF4860N6C*+TXV	A*V91155D**	46,000	35,000	16.0	12.5	1297055
	CT*F4860*6A*+MBE2000**-1*+TXV		47,000	35,700	16.0	12.5	3186314
ASX16 0601A*	AEPF426016C*+TXV		57,000	43,300	15.5	11.5	1492707
	CA*F4860*6B*+MBE2000**-1+TXV		57,000	43,300	16.0	12.0	1347470
	CA*F4860*6B*+TXV	A*V80905C**	57,000	43,300	15.5	11.5	1358478
	CA*F4860*6B*+TXV	A*V81155C**	56,000	42,600	15.0	12.0	3097706
	CA*F4860*6B*+TXV	A*V90905D**	57,500	43,700	15.5	11.5	1347472
	CA*F4860*6B*+TXV	A*V91155D**	57,500	43,700	15.5	11.5	1347473
	CA*F4860*6B*+TXV	G*V950905D**	57,500	43,700	15.5	11.5	1404302
	CA*F4860*6B*+TXV	G*V951155D**	57,500	43,700	15.5	11.5	1404373
	CA*F4961*6A*+MBE2000**-1+TXV		57,000	43,300	16.0	12.0	3097717
	CA*F4961*6A*+TXV	A*V80905C**	57,000	43,300	15.5	11.5	1358486
	CA*F4961*6A*+TXV	A*V81155C**	56,000	42,600	15.5	12.0	3012171
	CA*F4961*6A*+TXV	A*V90905D**	57,500	43,700	15.5	11.5	3097707
	CA*F4961*6A*+TXV	A*V91155D**	57,500	43,700	15.5	11.5	3097708
	CHPF4860D6C*+MBE2000**-1A*+TXV		57,000	43,300	16.0	12.0	1347390
	CHPF4860D6C*+TXV	A*V80905C**	57,000	43,300	15.5	12.5	1358479
	CHPF4860D6C*+TXV	A*V81155C**	56,000	42,600	15.5	11.5	3097709
	CHPF4860D6C*+TXV	A*V90905D**	57,000	43,300	15.5	12.5	1347502
	CHPF4860D6C*+TXV	A*V91155D**	57,000	43,300	15.5	11.5	1347503
	CHPF4860D6C*+TXV	A*V81155C**	56,000	42,600	15.5	12.0	1347504
	CHPF4860D6C*+TXV	A/G*V80905C**	56,000	42,600	15.5	12.0	1347505
	CHPF4860D6C*+TXV	A/G*V81155C**	56,000	42,600	15.5	11.5	1347506
	CHPF4860D6C*+TXV	G*V950905D**	57,000	43,300	15.5	12.5	3298350
	CHPF4860D6D*+MBE2000**-1B*+TXV		57,000	43,300	16.0	12.0	3299833
	CHPF4860D6D*+TXV	A*V80905C**	56,000	42,600	15.5	12.0	3299834
	CHPF4860D6D*+TXV	A*V81155C**	56,000	42,600	15.5	11.5	3299835
	CHPF4860D6D*+TXV	A*V90905D**	57,000	43,300	15.5	12.5	3299836
	CHPF4860D6D*+TXV	A*V91155D**	57,000	43,300	15.5	11.5	3299837
	CHPF4860D6D*+TXV	G*V80905C**	56,000	42,600	15.5	12.0	3299838
	CHPF4860D6D*+TXV	G*V81155C**	56,000	42,600	15.5	11.5	3299839
	CHTF4860D6A*+MBE2000**-1*+TXV		57,000	43,300	16.0	12.0	3186313
	CSCF4860N6C*+TXV	A*V80905C**	57,000	43,300	15.5	11.5	1358487
	CSCF4860N6C*+TXV	A*V81155C**	56,000	42,600	15.5	11.5	3097710
	CSCF4860N6C*+TXV	A*V90905D**	57,000	43,300	15.5	11.5	1299131
CSCF4860N6C*+TXV	A*V91155D**	57,000	43,300	15.5	11.5	1299133	
CT*F4860*6A*+MBE2000**-1*+TXV		57,000	43,300	16.0	12.0	3186315	

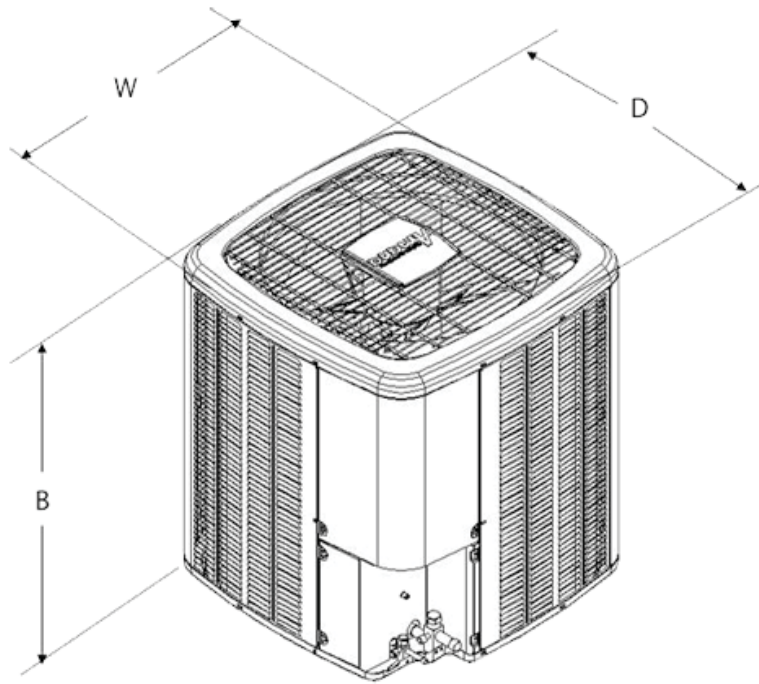
<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

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

**Notes:**

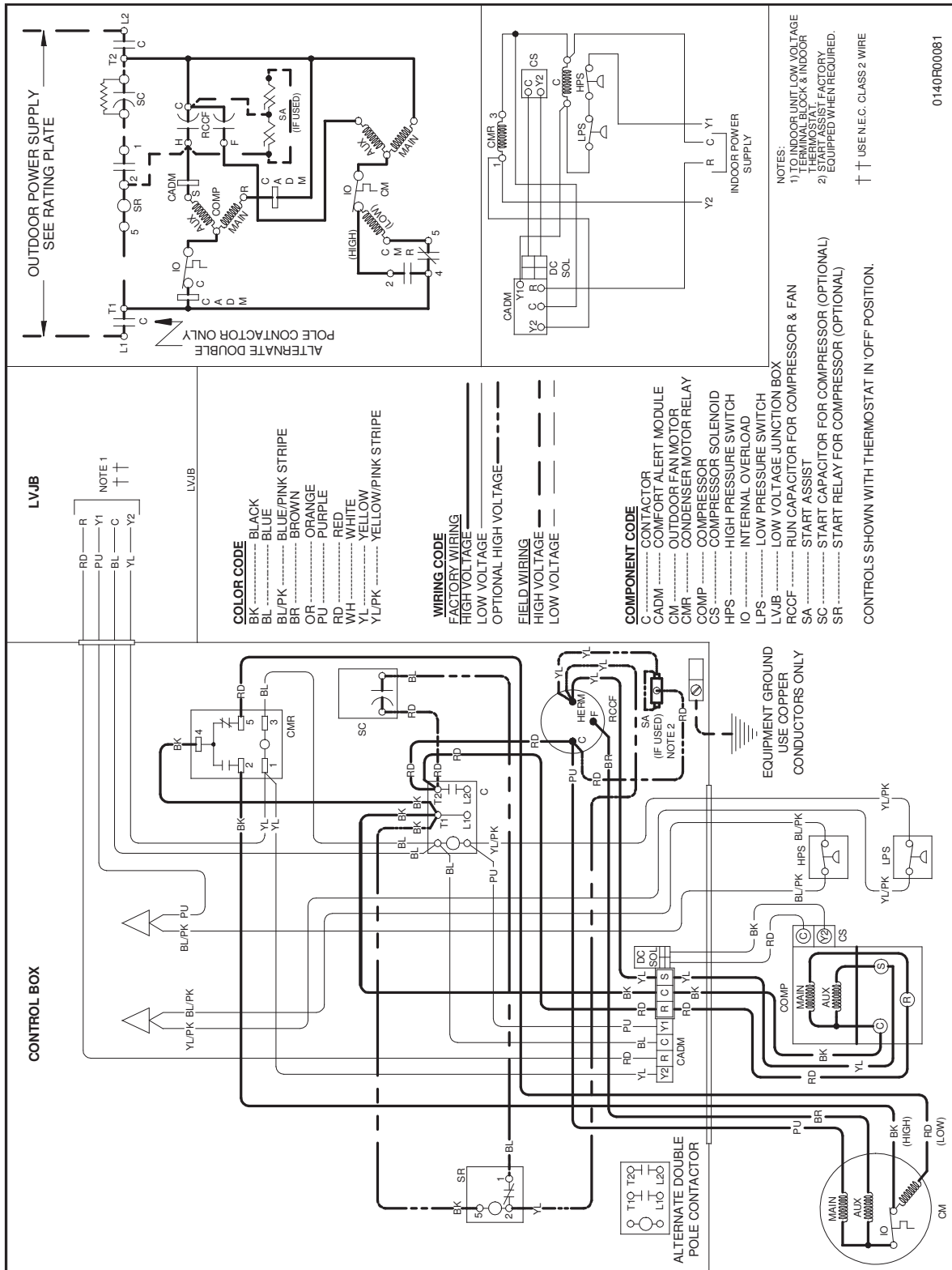
- Always check the S&R plate for electrical data on the UNit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 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
ASX160241A*	26x26x32 <sup>1</sup> / <sub>4</sub>
ASX160361A*	29x29x38 <sup>1</sup> / <sub>4</sub>
ASX160481A*	35 <sup>1</sup> / <sub>2</sub> x35 <sup>1</sup> / <sub>2</sub> x38 <sup>1</sup> / <sub>4</sub>
ASX160601A*	35 <sup>1</sup> / <sub>2</sub> x35 <sup>1</sup> / <sub>2</sub> x38 <sup>1</sup> / <sub>4</sub>

# ASX16 WIRING DIAGRAM



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



**WARNING**

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



## ACCESSORIES

Model	Description	ASX160241A*	ASX160361A*	ASX160481A*	ASX160601A*
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
LSK01A	Liquid Line Solenoid Kit	X	X	X	X
OT18-60A	Outdoor Thermostat / Lockout Stat	X	X	X	X
TX2N4 <sup>2</sup>	TXV Kit	X			
TX3N4 <sup>2</sup>	TXV Kit		X		
TX5N4 <sup>2</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> 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.

