

## SPLIT SYSTEM AIR CONDITIONER

### PRODUCT SPECIFICATIONS



**UP TO 18 SEER**

**R-410A**

**COOLING CAPACITY:**  
 34,000 - 56,000 BTU/H

The Amana<sup>®</sup> brand ASX18 18 SEER Air Conditioner uses the R-410A refrigerant. This unit features energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. The ASX18 features a new technology — the two-stage, high-efficiency Copeland<sup>®</sup> scroll compressor — that provides improved temperature and humidity control. The ASX18 is designed for the consumer who desires superb comfort, quiet operation, and an environmentally friendlier performance than the R-22 refrigerant.

#### Standard Features

- R-410A chlorine-free refrigerant
- Two-Stage Copeland<sup>®</sup> UltraTech scroll compressor
- High-density foam compressor sound blanket
- Copeland<sup>®</sup> ComfortAlert diagnostics
- High- and low-pressure switches
- Fully charged for 15' of tubing length
- Factory-installed filter dryer
- Super-efficient condenser fan motor
- Copper tube/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

#### Cabinet Features

- Amana<sup>®</sup> 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 the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

#### Contents

Nomenclature.....	2
Product Specifications.....	3
Expanded Cooling Data.....	4
AHRI Performance Ratings.....	16
Wiring Diagram.....	19
Dimensions.....	20
Accessories.....	20



\* 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).

# PRODUCT SPECIFICATIONS

## NOMENCLATURE

	A	S	X	18	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> 1 208/230 V, 1 Phase, 60 Hz 2 220/240 V, 1 Phase, 50 Hz 3 208/230 V, 3 Phase, 60 Hz 4 460 V, 3 Phase, 60 Hz 5 380/415 V, 3 Phase, 50 Hz					
<b>Efficiency</b>	13 13 SEER 14 14 SEER 16 16 SEER 18 18 SEER			<b>Nominal Capacity</b> 018 1½ Tons 048 4 Tons 024 2 Tons 060 5 Tons 030 2½ Tons 090 7½ tons 036 3 Tons 120 10 Tons 042 3½ Tons					

\* 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

	<b>ASX18 0361A</b>	<b>ASX18 0481A</b>	<b>ASX18 0601A</b>
<b>Cooling Capacity</b>			
Nominal Cooling (BTU/h)	35,000	47,000	57,000
Decibels	71	72	74
<b>Compressor</b>			
RLA	16.6	21.1	25.6
LRA	82	96	118
<b>Condenser Fan Motor</b>			
Horsepower (RPM)	1/3	1/3	1/3
FLA	2.80	2.80	2.80
<b>Refrigeration System</b>			
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat
Refrigerant Charge	190	265	265
Expansion Device	TXV	TXV	TXV
Superheat at Service Valve	7-9°F	7-9°F	7-9°F
Subcooling at Service Valve	5-7°F	5-7°F	5-7°F
<b>Electrical Data</b>			
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity <sup>1</sup>	23.6	29.2	34.8
Max. Overcurrent Protection <sup>2</sup>	30	40	50
Min / Max Volts	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>Ship Weight (lbs)</b>	270	320	330

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**Notes**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units that require a TXV Kit to be installed on the indoor coil.  
PLEASE NOTE: the specified TXV is determined by the outdoor unit, not the indoor coil.

EXPANDED COOLING DATA — ASX180361A\* / CA\*F4860D6A\* +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	930	MBh	25.3	26.2	28.8	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.6	24.4	26.8	-	22.4	23.2	25.4	-	20.7	21.5	23.5	-	
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
	825	KW	1.30	1.33	1.38	-	1.41	1.45	1.50	-	1.51	1.55	1.60	-	1.60	1.63	1.69	-	1.67	1.71	1.77	-	1.73	1.77	1.84	-	
		Amps	5.3	5.5	5.7	-	5.8	5.9	6.1	-	6.3	6.5	6.7	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.6	7.8	8.1	-	
		HI PR	210	226	229	-	237	255	259	-	270	290	295	-	308	331	335	-	332	357	362	-	394	423	429	-	
	720	Lo PR	124	128	140	-	128	132	144	-	132	136	149	-	135	140	153	-	138	143	156	-	142	146	159	-	
		MBh	24.6	25.5	27.9	-	24.0	24.9	27.3	-	23.4	24.3	26.6	-	22.9	23.7	26.0	-	21.7	22.5	24.7	-	20.1	20.9	22.9	-	
		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	-	
	75	930	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
			KW	1.29	1.32	1.37	-	1.40	1.43	1.48	-	1.50	1.53	1.59	-	1.58	1.62	1.68	-	1.65	1.69	1.75	-	1.72	1.76	1.82	-
			Amps	5.3	5.4	5.6	-	5.7	5.9	6.1	-	6.2	6.4	6.6	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.6	7.7	8.0	-
825		HI PR	208	224	227	-	235	253	256	-	267	288	292	-	305	327	332	-	329	354	359	-	390	419	425	-	
		Lo PR	123	127	138	-	126	130	142	-	131	135	147	-	134	138	151	-	137	141	154	-	140	145	158	-	
		MBh	22.7	23.5	25.8	-	22.2	23.0	25.2	-	21.6	22.4	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-	
720		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
		ΔT	20	18	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
		KW	1.28	1.31	1.36	-	1.39	1.42	1.47	-	1.48	1.52	1.57	-	1.57	1.60	1.66	-	1.64	1.68	1.74	-	1.70	1.74	1.80	-	
75		930	Amps	5.2	5.4	5.5	-	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.6	6.8	7.0	-	7.1	7.2	7.5	-	7.5	7.7	7.9	-
			HI PR	206	221	225	-	233	250	254	-	265	285	289	-	302	324	329	-	326	350	355	-	386	415	421	-
			Lo PR	122	125	137	-	125	129	141	-	129	133	146	-	133	137	150	-	135	140	153	-	139	143	156	-
	825	MBh	25.8	26.5	28.7	30.8	25.2	25.9	28.0	30.1	24.6	25.3	27.4	29.4	24.0	24.7	26.7	28.7	22.8	23.4	25.4	27.2	21.1	21.7	23.5	25.2	
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11	
	720	KW	1.30	1.33	1.38	1.43	1.41	1.45	1.50	1.55	1.51	1.55	1.60	1.66	1.60	1.63	1.69	1.75	1.67	1.71	1.77	1.83	1.73	1.77	1.84	1.90	
		Amps	5.3	5.5	5.7	5.9	5.8	5.9	6.1	6.4	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	
		HI PR	210	226	229	234	237	255	259	265	270	290	295	301	308	331	335	343	332	357	362	370	394	423	429	439	
	75	930	Lo PR	124	128	140	149	128	132	144	153	132	136	149	158	135	140	153	162	138	143	156	166	142	146	159	170
			MBh	25.0	25.7	27.9	29.9	24.4	25.1	27.2	29.2	23.8	24.5	26.6	28.5	23.3	23.9	25.9	27.8	22.1	22.8	24.6	26.4	20.5	21.1	22.8	24.5
			S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
825		ΔT	23	21	17	12	23	21	17	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11	
		KW	1.29	1.32	1.37	1.42	1.40	1.43	1.48	1.54	1.50	1.53	1.59	1.64	1.58	1.62	1.68	1.74	1.65	1.69	1.75	1.82	1.72	1.76	1.82	1.88	
		Amps	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.7	6.8	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	
720		HI PR	208	224	227	232	235	253	256	262	267	288	292	298	305	327	332	339	329	354	359	367	390	419	425	435	
		Lo PR	123	127	138	147	126	130	142	152	131	135	147	157	134	138	151	161	137	141	154	164	140	145	158	168	
		MBh	23.1	23.8	25.7	27.6	22.5	23.2	25.1	27.0	22.0	22.7	24.5	26.3	21.5	22.1	23.9	25.7	20.4	21.0	22.7	24.4	18.9	19.5	21.1	22.6	
720		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40	
		ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
		KW	1.28	1.31	1.36	1.40	1.39	1.42	1.47	1.52	1.48	1.52	1.57	1.63	1.57	1.60	1.66	1.72	1.64	1.68	1.74	1.80	1.70	1.74	1.80	1.87	
720	Amps	5.2	5.4	5.5	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	7.9	8.2		
	HI PR	206	221	225	230	233	250	254	259	265	285	289	295	302	324	329	336	326	350	355	363	386	415	421	430		
	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		

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

Shaded area is 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 — ASX180361A\* / CA\*F4860D6A\* +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	930	MBh	26.2	26.8	28.6	30.6	25.6	26.2	28.0	29.9	25.0	25.5	27.3	29.2	24.4	24.9	26.6	28.5	23.2	23.7	25.3	27.0	21.5	21.9	23.4	25.0
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	25	23	20	16	25	24	21	17	25	24	21	17	24	25	21	17	23	23	21	16	21	22	19	15
		kW	1.30	1.33	1.38	1.43	1.41	1.45	1.50	1.55	1.51	1.55	1.60	1.66	1.60	1.63	1.69	1.75	1.67	1.71	1.77	1.83	1.73	1.77	1.84	1.90
		Amps	5.3	5.5	5.7	5.9	5.8	5.9	6.1	6.4	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		Hi PR	210	226	229	234	237	255	259	265	270	290	295	301	308	331	335	343	332	357	362	370	394	423	429	439
	825	Lo PR	124	128	140	149	128	132	144	153	132	136	149	158	135	140	153	162	138	143	156	166	142	146	159	170
		MBh	25.4	26.0	27.8	29.7	24.9	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.8	27.6	22.5	23.0	24.6	26.2	20.8	21.3	22.7	24.3
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	21	17	23	23	20	16
		kW	1.29	1.32	1.37	1.42	1.40	1.43	1.48	1.54	1.50	1.53	1.59	1.64	1.58	1.62	1.68	1.74	1.65	1.69	1.75	1.82	1.72	1.76	1.82	1.88
		Amps	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.7	6.8	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3
720	Hi PR	208	224	227	232	235	253	256	262	267	288	292	298	305	327	332	339	329	354	359	367	390	419	425	435	
	Lo PR	123	127	138	147	126	130	142	152	131	135	147	157	134	138	151	161	137	141	154	164	140	145	158	168	
	MBh	23.5	24.0	25.6	27.4	22.9	23.4	25.0	26.8	22.4	22.9	24.5	26.1	21.9	22.3	23.9	25.5	20.8	21.2	22.7	24.2	19.2	19.6	21.0	22.4	
	S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57	
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	26	22	17	25	24	20	16	
	kW	1.28	1.31	1.36	1.40	1.39	1.42	1.47	1.52	1.48	1.52	1.57	1.63	1.57	1.60	1.66	1.72	1.64	1.68	1.74	1.80	1.70	1.74	1.80	1.87	
85	930	Amps	5.2	5.4	5.5	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	7.9	8.2
		Hi PR	206	221	225	230	233	250	254	259	265	285	289	295	302	324	329	336	326	350	355	363	386	415	421	430
		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	26.7	27.2	28.5	30.4	26.0	26.6	27.8	29.7	25.4	25.9	27.1	29.0	24.8	25.3	26.5	28.3	23.6	24.0	25.2	26.8	21.8	22.3	23.3	24.9
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	26	26	24	21	26	26	25	21	25	26	25	21	25	25	25	21	23	24	24	21	22	22	23	20
	825	kW	1.30	1.33	1.38	1.43	1.41	1.45	1.50	1.55	1.51	1.55	1.60	1.66	1.60	1.63	1.69	1.75	1.67	1.71	1.77	1.83	1.73	1.77	1.84	1.90
		Amps	5.3	5.5	5.7	5.9	5.8	5.9	6.1	6.4	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		Hi PR	210	226	229	234	237	255	259	265	270	290	295	301	308	331	335	343	332	357	362	370	394	423	429	439
		Lo PR	124	128	140	149	128	132	144	153	132	136	149	158	135	140	153	162	138	143	156	166	142	146	159	170
		MBh	25.9	26.4	27.6	29.5	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.4	22.9	23.3	24.4	26.1	21.2	21.6	22.6	24.1
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
720	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	25	26	26	22	24	24	24	21	
	kW	1.29	1.32	1.37	1.42	1.40	1.43	1.48	1.54	1.50	1.53	1.59	1.64	1.58	1.62	1.68	1.74	1.65	1.69	1.75	1.82	1.72	1.76	1.82	1.88	
	Amps	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.7	6.8	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	
	Hi PR	208	224	227	232	235	253	256	262	267	288	292	298	305	327	332	339	329	354	359	367	390	419	425	435	
	Lo PR	123	127	138	147	126	130	142	152	131	135	147	157	134	138	151	161	137	141	154	164	140	145	158	168	
	MBh	23.9	24.4	25.5	27.2	23.3	23.8	24.9	26.6	22.8	23.2	24.3	26.0	22.2	22.7	23.7	25.3	21.1	21.5	22.5	24.1	19.6	19.9	20.9	22.3	
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	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74		
ΔT	27.8	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	23	25	25	24	21		
kW	1.28	1.31	1.36	1.40	1.39	1.42	1.47	1.52	1.48	1.52	1.57	1.63	1.57	1.60	1.66	1.72	1.64	1.68	1.74	1.80	1.70	1.74	1.80	1.87		
Amps	5.2	5.4	5.5	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	7.9	8.2		
Hi PR	206	221	225	230	233	250	254	259	265	285	289	295	302	324	329	336	326	350	355	363	386	415	421	430		
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		

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

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 — ASX180361A\* / CA\*F4860D6A\* +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	1330	MBh	36.7	38.1	41.7	-	35.9	37.2	40.7	-	35.0	36.3	39.8	-	34.2	35.4	38.8	-	32.4	33.6	36.8	-	30.1	31.2	34.1	-	
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	
	1175	kW	2.09	2.14	2.21	-	2.26	2.31	2.39	-	2.41	2.47	2.56	-	2.55	2.61	2.70	-	2.66	2.73	2.82	-	2.76	2.83	2.93	-	
		Amps	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.7	9.9	10.3	-	10.4	10.7	11.0	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-	
		HI/PR	220	237	240	-	249	268	271	-	283	304	309	-	322	347	352	-	348	374	380	-	413	444	450	-	
	1025	Lo PR	118	122	133	-	122	126	137	-	126	130	142	-	129	134	146	-	132	136	149	-	135	140	152	-	
		MBh	35.6	36.9	40.5	-	34.8	36.1	39.5	-	34.0	35.2	38.6	-	33.2	34.4	37.7	-	31.5	32.7	35.8	-	29.2	30.2	33.1	-	
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	
	75	1330	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
			kW	2.07	2.12	2.19	-	2.24	2.29	2.37	-	2.39	2.45	2.53	-	2.53	2.59	2.68	-	2.64	2.70	2.80	-	2.74	2.80	2.90	-
			Amps	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.6	9.9	10.2	-	10.3	10.6	10.9	-	11.0	11.3	11.7	-	11.7	12.0	12.4	-
1175		HI/PR	218	234	238	-	246	265	269	-	280	301	306	-	319	343	348	-	345	371	376	-	409	439	446	-	
		Lo PR	117	121	132	-	121	125	136	-	125	129	141	-	128	132	144	-	131	135	147	-	134	138	151	-	
		MBh	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.1	33.0	-	26.9	27.9	30.6	-	
1025		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-	
		kW	2.05	2.10	2.17	-	2.22	2.27	2.35	-	2.37	2.43	2.51	-	2.50	2.56	2.65	-	2.62	2.68	2.77	-	2.71	2.78	2.88	-	
75		1330	Amps	8.1	8.3	8.5	-	8.7	9.0	9.3	-	9.5	9.8	10.1	-	10.2	10.5	10.8	-	10.9	11.2	11.5	-	11.6	11.8	12.3	-
			HI/PR	216	232	235	-	244	262	266	-	278	298	303	-	316	340	345	-	341	367	372	-	405	435	441	-
			Lo PR	116	120	131	-	120	123	135	-	124	127	139	-	127	131	143	-	129	134	146	-	133	137	149	-
	1175	MBh	37.3	38.4	41.6	44.7	36.5	37.5	40.6	43.6	35.6	36.7	39.7	42.6	34.7	35.8	38.7	41.5	33.0	34.0	36.8	39.5	30.6	31.5	34.1	36.6	
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11	
	1025	kW	2.09	2.14	2.21	2.28	2.26	2.31	2.39	2.48	2.41	2.47	2.56	2.65	2.55	2.61	2.70	2.80	2.66	2.73	2.82	2.92	2.76	2.83	2.93	3.03	
		Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.7	9.9	10.3	10.7	10.4	10.7	11.0	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	
		HI/PR	220	237	240	245	249	268	271	277	283	304	309	316	322	347	352	359	348	374	380	388	413	444	450	460	
	75	1330	Lo PR	118	122	133	142	122	126	137	146	126	130	142	151	129	134	146	155	132	136	149	158	135	140	152	162
			MBh	36.3	37.3	40.4	43.4	35.4	36.5	39.5	42.4	34.6	35.6	38.5	41.3	33.7	34.7	37.6	40.3	32.0	33.0	35.7	38.3	29.7	30.6	33.1	35.5
			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	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
1175		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	2.07	2.12	2.19	2.26	2.24	2.29	2.37	2.45	2.39	2.45	2.53	2.62	2.53	2.59	2.68	2.77	2.64	2.70	2.80	2.90	2.74	2.80	2.90	3.01	
		Amps	8.1	8.3	8.6	9.0	8.8	9.0	9.3	9.7	9.6	9.9	10.2	10.6	10.3	10.6	10.9	11.4	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	
1025		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	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161	
		MBh	33.5	34.5	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.6	38.2	31.1	32.0	34.7	37.2	29.6	30.4	33.0	35.4	27.4	28.2	30.5	32.8	
75		1175	S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39
			ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	24	22	18	12	22	20	16	11
			kW	2.05	2.10	2.17	2.24	2.22	2.27	2.35	2.43	2.37	2.43	2.51	2.60	2.50	2.56	2.65	2.75	2.62	2.68	2.77	2.87	2.71	2.78	2.88	2.98
	1025	Amps	8.1	8.3	8.5	8.9	8.7	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.8	12.3	12.7	
		HI/PR	216	232	235	241	244	262	266	272	278	298	303	309	316	340	345	352	341	367	372	380	405	435	441	451	
		Lo PR	116	120	131	139	120	123	135	143	124	127	139	148	127	131	143	152	129	134	146	155	133	137	149	159	

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

Shaded area is ACCA (TVA) conditions  
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — ASX180361A\* / CA\*F4860D6A\* + 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	1330	MBh	38.0	38.8	41.5	44.4	37.1	37.9	40.5	43.3	36.2	37.0	39.6	42.3	35.4	36.1	38.6	41.3	33.6	34.3	36.7	39.2	31.1	31.8	34.0	36.3					
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60	
		ΔT	24	23	20	16	24	23	20	16	25	23	20	16	24	24	21	16	23	24	20	16	22	22	19	15	22	22	19	15	
	1175	KW	2.09	2.14	2.21	2.28	2.26	2.31	2.39	2.48	2.41	2.47	2.56	2.65	2.55	2.61	2.70	2.80	2.66	2.73	2.82	2.92	2.76	2.83	2.93	3.03					
		Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.7	9.9	10.3	10.7	10.4	10.7	11.0	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0					
		HI PR	220	237	240	245	249	268	271	277	283	304	309	316	322	347	352	359	348	374	380	388	413	444	450	460					
	1025	Lo PR	118	122	133	142	122	126	137	146	126	130	142	151	129	134	146	155	132	136	149	158	135	140	152	162					
		MBh	36.9	37.7	40.3	43.1	36.0	36.8	39.3	42.1	35.2	35.9	38.4	41.1	34.3	35.1	37.5	40.1	32.6	33.3	35.6	38.1	30.2	30.9	33.0	35.2					
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57					
	85	1330	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16	24	23	20	16
			KW	2.07	2.12	2.19	2.26	2.24	2.29	2.37	2.45	2.39	2.45	2.53	2.62	2.53	2.59	2.68	2.77	2.64	2.70	2.80	2.90	2.74	2.80	2.90	3.01				
			Amps	8.1	8.3	8.6	9.0	8.8	9.0	9.3	9.7	9.6	9.9	10.2	10.6	10.3	10.6	10.9	11.4	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9				
1175		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	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161					
		MBh	34.1	34.8	37.2	39.7	33.3	34.0	36.3	38.8	32.5	33.2	35.4	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					
1025		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55					
		ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16	24	23	20	16	
		KW	2.05	2.10	2.17	2.24	2.22	2.27	2.35	2.43	2.37	2.43	2.51	2.60	2.50	2.56	2.65	2.75	2.62	2.68	2.77	2.87	2.71	2.78	2.88	2.98					
1330		Amps	8.1	8.3	8.5	8.9	8.7	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.8	12.3	12.7					
		HI PR	216	232	235	241	244	262	266	272	278	298	303	309	316	340	345	352	341	367	372	380	405	435	441	451					
		Lo PR	116	120	131	139	120	123	135	143	124	127	139	148	127	131	143	152	129	134	146	155	133	137	149	159					
85	1330	MBh	38.7	39.4	41.3	44.0	37.8	38.5	40.3	43.0	36.9	37.6	39.4	42.0	36.0	36.7	38.4	41.0	34.2	34.8	36.5	38.9	31.7	32.3	33.8	36.1					
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78					
		ΔT	26	25	24	21	26	26	24	21	25	25	24	21	25	25	24	21	24	24	21	17	22	22	23	19	22	22	23	19	
	1175	KW	2.09	2.14	2.21	2.28	2.26	2.31	2.39	2.48	2.41	2.47	2.56	2.65	2.55	2.61	2.70	2.80	2.66	2.73	2.82	2.92	2.76	2.83	2.93	3.03					
		Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.7	9.9	10.3	10.7	10.4	10.7	11.0	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0					
		HI PR	220	237	240	245	249	268	271	277	283	304	309	316	322	347	352	359	348	374	380	388	413	444	450	460					
	1025	Lo PR	118	122	133	142	122	126	137	146	126	130	142	151	129	134	146	155	132	136	149	158	135	140	152	162					
		MBh	37.5	38.3	40.1	42.8	36.7	37.4	39.1	41.8	35.8	36.5	38.2	40.8	34.9	35.6	37.3	39.8	33.2	33.8	35.4	37.8	30.7	31.3	32.8	35.0					
		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					
	1330	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	25	24	20	24	25	24	20	
		KW	2.07	2.12	2.19	2.26	2.24	2.29	2.37	2.45	2.39	2.45	2.53	2.62	2.53	2.59	2.68	2.77	2.64	2.70	2.80	2.90	2.74	2.80	2.90	3.01					
		Amps	8.1	8.3	8.6	9.0	8.8	9.0	9.3	9.7	9.6	9.9	10.2	10.6	10.3	10.6	10.9	11.4	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9					
1175	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	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161						
	MBh	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	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						
1025	S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72						
	ΔT	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21	25	25	24	21		
	KW	2.05	2.10	2.17	2.24	2.22	2.27	2.35	2.43	2.37	2.43	2.51	2.60	2.50	2.56	2.65	2.75	2.62	2.68	2.77	2.87	2.71	2.78	2.88	2.98						
1330	Amps	8.1	8.3	8.5	8.9	8.7	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.6	11.8	12.3	12.7						
	HI PR	216	232	235	241	244	262	266	272	278	298	303	309	316	340	345	352	341	367	372	380	405	435	441	451						
	Lo PR	116	120	131	139	120	123	135	143	124	127	139	148	127	131	143	152	129	134	146	155	133	137	149	159						

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

Shaded area is 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 — ASX180481A\* / CA\*F4860D6A\* +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	1325	MBh	34.6	35.8	39.3	-	33.8	35.0	38.3	-	33.0	34.2	37.4	-	32.2	33.3	36.5	-	30.5	31.7	34.7	-	28.3	29.3	32.1	-	
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1175	KW	1.87	1.91	1.97	-	2.02	2.07	2.14	-	2.16	2.21	2.29	-	2.28	2.34	2.42	-	2.39	2.44	2.53	-	2.47	2.53	2.62	-	
		Amps	7.2	7.4	7.6	-	7.8	8.0	8.3	-	8.5	8.7	9.0	-	9.1	9.4	9.7	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	
		HI PR	216	232	235	-	244	262	266	-	277	298	303	-	316	340	345	-	356	382	388	-	398	428	434	-	
	1025	Lo PR	121	125	137	-	125	129	141	-	129	133	146	-	133	137	149	-	135	140	152	-	139	143	156	-	
		MBh	33.6	34.8	38.1	-	32.8	34.0	37.2	-	32.0	33.2	36.3	-	31.2	32.4	35.5	-	29.7	30.7	33.7	-	27.5	28.5	31.2	-	
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	
	75	1325	ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
			KW	1.85	1.89	1.96	-	2.00	2.05	2.12	-	2.14	2.19	2.27	-	2.26	2.32	2.40	-	2.36	2.42	2.51	-	2.45	2.51	2.60	-
			Amps	7.1	7.3	7.6	-	7.7	7.9	8.2	-	8.4	8.7	9.0	-	9.0	9.3	9.6	-	9.7	9.9	10.2	-	10.3	10.5	10.9	-
1175		HI PR	214	230	233	-	242	260	263	-	275	295	300	-	313	336	341	-	352	378	384	-	394	424	430	-	
		Lo PR	120	124	135	-	124	128	139	-	128	132	144	-	131	136	148	-	134	138	151	-	137	142	155	-	
		MBh	31.0	32.1	35.2	-	30.3	31.4	34.4	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	27.4	28.4	31.1	-	25.4	26.3	28.8	-	
1025		S/T	0.70	0.58	0.40	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	1.83	1.88	1.94	-	1.99	2.03	2.10	-	2.12	2.17	2.25	-	2.24	2.29	2.38	-	2.34	2.40	2.48	-	2.43	2.49	2.58	-	
75		1325	Amps	7.1	7.2	7.5	-	7.7	7.9	8.1	-	8.4	8.6	8.9	-	9.0	9.2	9.5	-	9.6	9.8	10.1	-	10.2	10.4	10.8	-
			HI PR	212	227	231	-	239	257	261	-	272	292	297	-	310	333	338	-	348	375	380	-	390	420	426	-
			Lo PR	119	123	134	-	123	126	138	-	127	131	143	-	130	134	147	-	133	137	149	-	136	140	153	-
	1175	MBh	35.2	36.2	39.2	42.0	34.3	35.4	38.3	41.1	33.5	34.5	37.4	40.1	32.7	33.7	36.4	39.1	31.1	32.0	34.6	37.2	28.8	29.6	32.1	34.4	
		S/T	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	
	1025	KW	1.87	1.91	1.97	2.04	2.02	2.07	2.14	2.22	2.16	2.21	2.29	2.37	2.28	2.34	2.42	2.51	2.39	2.44	2.53	2.62	2.47	2.53	2.62	2.72	
		Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.4	9.7	10.1	9.7	10.0	10.3	10.8	10.4	10.6	11.0	11.4	
		HI PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	356	382	388	396	398	428	434	444	
	75	1175	Lo PR	121	125	137	146	125	129	141	150	129	133	146	155	133	137	149	159	135	140	152	162	139	143	156	166
			MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.2	39.9	32.5	33.5	36.3	38.9	31.7	32.7	35.4	38.0	30.2	31.1	33.6	36.1	27.9	28.8	31.1	33.4
			S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
1025		ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11	
		KW	1.85	1.89	1.96	2.03	2.00	2.05	2.12	2.20	2.14	2.19	2.27	2.35	2.26	2.32	2.40	2.48	2.36	2.42	2.51	2.60	2.45	2.51	2.60	2.69	
		Amps	7.1	7.3	7.6	7.9	7.7	7.9	8.2	8.5	8.4	8.7	9.0	9.3	9.0	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	
75		HI PR	214	230	233	238	242	260	263	269	275	295	300	306	313	336	341	349	352	378	384	392	394	424	430	439	
		Lo PR	120	124	135	144	124	128	139	148	128	132	144	154	131	136	148	158	134	138	151	161	137	142	155	165	
		MBh	31.5	32.4	35.1	37.7	30.8	31.7	34.3	36.8	30.0	30.9	33.5	35.9	29.3	30.2	32.7	35.1	27.8	28.7	31.0	33.3	25.8	26.6	28.7	30.8	
75		S/T	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.82	0.62	0.40	
		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	1.83	1.88	1.94	2.01	1.99	2.03	2.10	2.18	2.12	2.17	2.25	2.33	2.24	2.29	2.38	2.46	2.34	2.40	2.48	2.57	2.43	2.49	2.58	2.67	
75	Amps	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.4	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2		
	HI PR	212	227	231	236	239	257	261	267	272	292	297	303	310	333	338	345	348	375	380	388	390	420	426	435		
	Lo PR	119	123	134	143	123	126	138	147	127	131	143	152	130	134	147	156	133	137	149	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 is 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 — ASX180481A\* / CA\*F4860D6A\* +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	1325	MBh	35.8	36.6	39.1	41.8	34.9	35.7	38.2	40.8	34.1	34.9	37.2	39.8	33.3	34.0	36.3	38.8	31.6	32.3	34.5	36.9	29.3	29.9	32.0	34.2	
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62	
		ΔT	24	23	20	16	24	23	20	16	23	24	20	16	23	24	20	16	22	22	20	16	20	21	18	15	
	1175	KW	1.87	1.91	1.97	2.04	2.02	2.07	2.14	2.22	2.16	2.21	2.29	2.37	2.28	2.34	2.42	2.51	2.39	2.44	2.53	2.62	2.47	2.53	2.62	2.72	
		Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.4	9.7	10.1	9.7	10.0	10.3	10.8	10.4	10.6	11.0	11.4	
		Hi PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	356	382	388	396	398	428	434	444	
	1025	Lo PR	121	125	137	146	125	129	141	150	129	133	146	155	133	137	149	159	135	140	152	162	139	143	156	166	
		MBh	34.7	35.5	37.9	40.5	33.9	34.7	37.0	39.6	33.1	33.8	36.2	38.7	32.3	33.0	35.3	37.7	30.7	31.4	33.5	35.8	28.4	29.1	31.0	33.2	
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	
	85	1325	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15
			KW	1.85	1.89	1.96	2.03	2.00	2.05	2.12	2.20	2.14	2.19	2.27	2.35	2.26	2.32	2.40	2.48	2.36	2.42	2.51	2.60	2.45	2.51	2.60	2.69
			Amps	7.1	7.3	7.6	7.9	7.7	7.9	8.2	8.5	8.4	8.7	9.0	9.3	9.0	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3
1175		Hi PR	214	230	233	238	242	260	263	269	275	295	300	306	313	336	341	349	352	378	384	392	394	424	430	439	
		Lo PR	120	124	135	144	124	128	139	148	128	132	144	154	131	136	148	158	134	138	151	161	137	142	155	165	
		MBh	32.1	32.8	35.0	37.4	31.3	32.0	34.2	36.5	30.6	31.2	33.4	35.7	29.8	30.5	32.6	34.8	28.3	29.0	30.9	33.1	26.2	26.8	28.7	30.6	
1025		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	
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	26	25	21	17	24	23	20	16	
		KW	1.83	1.88	1.94	2.01	1.99	2.03	2.10	2.18	2.12	2.17	2.25	2.33	2.24	2.29	2.38	2.46	2.34	2.40	2.48	2.57	2.43	2.49	2.58	2.67	
85		1325	Amps	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.4	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2
			Hi PR	212	227	231	236	239	257	261	267	272	292	297	303	310	333	338	345	348	375	380	388	390	420	426	435
			Lo PR	119	123	134	143	123	126	138	147	127	131	143	152	130	134	147	156	133	137	149	159	136	140	153	163
	1175	MBh	36.4	37.1	38.9	41.5	35.6	36.2	38.0	40.5	34.7	35.4	37.1	39.5	33.9	34.5	36.2	38.6	32.2	32.8	34.3	36.6	29.8	30.4	31.8	33.9	
		S/T	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	0.99	0.81	
		ΔT	25	25	23	20	25	25	24	20	24	25	24	20	23	24	24	21	22	23	23	20	21	21	22	19	
	1025	KW	1.87	1.91	1.97	2.04	2.02	2.07	2.14	2.22	2.16	2.21	2.29	2.37	2.28	2.34	2.42	2.51	2.39	2.44	2.53	2.62	2.47	2.53	2.62	2.72	
		Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.4	9.7	10.1	9.7	10.0	10.3	10.8	10.4	10.6	11.0	11.4	
		Hi PR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	356	382	388	396	398	428	434	444	
	85	Lo PR	121	125	137	146	125	129	141	150	129	133	146	155	133	137	149	159	135	140	152	162	139	143	156	166	
		MBh	35.3	36.0	37.7	40.3	34.5	35.2	36.9	39.3	33.7	34.4	36.0	38.4	32.9	33.5	35.1	37.4	31.2	31.8	33.3	35.6	28.9	29.5	30.9	33.0	
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
85	1175	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	24	25	25	21	23	23	23	20	
		KW	1.85	1.89	1.96	2.03	2.00	2.05	2.12	2.20	2.14	2.19	2.27	2.35	2.26	2.32	2.40	2.48	2.36	2.42	2.51	2.60	2.45	2.51	2.60	2.69	
		Amps	7.1	7.3	7.6	7.9	7.7	7.9	8.2	8.5	8.4	8.7	9.0	9.3	9.0	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	
	1025	Hi PR	214	230	233	238	242	260	263	269	275	295	300	306	313	336	341	349	352	378	384	392	394	424	430	439	
		Lo PR	120	124	135	144	124	128	139	148	128	132	144	154	131	136	148	158	134	138	151	161	137	142	155	165	
		MBh	32.6	33.3	34.8	37.2	31.9	32.5	34.0	36.3	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	28.8	29.4	30.8	32.8	26.7	27.2	28.5	30.4	
	85	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
		ΔT	26.8	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20	
		KW	1.83	1.88	1.94	2.01	1.99	2.03	2.10	2.18	2.12	2.17	2.25	2.33	2.24	2.29	2.38	2.46	2.34	2.40	2.48	2.57	2.43	2.49	2.58	2.67	
	85	Amps	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.4	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2	
		Hi PR	212	227	231	236	239	257	261	267	272	292	297	303	310	333	338	345	348	375	380	388	390	420	426	435	
		Lo PR	119	123	134	143	123	126	138	147	127	131	143	152	130	134	147	156	133	137	149	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 is 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 — ASX180481A\* / CA\*F4860D6A\* + 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	1970	MBh	48.2	50.0	54.8	-	47.1	48.8	53.5	-	46.0	47.7	52.2	-	44.9	46.5	50.9	-	42.6	44.2	48.4	-	39.5	40.9	44.8	-	
		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	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	
	1750	KW	2.87	2.94	3.03	-	3.10	3.17	3.27	-	3.30	3.37	3.48	-	3.47	3.55	3.67	-	3.62	3.70	3.83	-	3.75	3.84	3.97	-	
		Amps	10.2	10.5	10.8	-	11.1	11.4	11.7	-	12.1	12.4	12.8	-	13.0	13.3	13.7	-	13.8	14.2	14.7	-	14.7	15.1	15.6	-	
		Hi PR	228	245	248	-	257	277	280	-	292	315	319	-	333	358	363	-	375	403	409	-	420	451	458	-	
	1530	Lo PR	121	124	136	-	124	128	140	-	128	132	145	-	132	136	148	-	134	139	151	-	138	142	155	-	
		MBh	46.8	48.5	53.2	-	45.7	47.4	51.9	-	44.6	46.3	50.7	-	43.5	45.1	49.5	-	41.4	42.9	47.0	-	38.3	39.7	43.5	-	
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	
	75	1970	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
			KW	2.85	2.91	3.01	-	3.07	3.14	3.24	-	3.27	3.34	3.45	-	3.44	3.52	3.64	-	3.59	3.67	3.80	-	3.72	3.80	3.93	-
			Amps	10.1	10.4	10.7	-	11.0	11.2	11.6	-	12.0	12.3	12.7	-	12.8	13.2	13.6	-	13.7	14.0	14.5	-	14.5	14.9	15.4	-
1750		Hi PR	225	242	246	-	255	274	278	-	290	311	316	-	330	355	360	-	371	399	405	-	416	447	453	-	
		Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	135	147	-	133	137	150	-	136	141	154	-	
		MBh	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.8	-	40.2	41.7	45.6	-	38.2	39.6	43.4	-	35.4	36.7	40.2	-	
1530		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
		KW	2.83	2.89	2.98	-	3.05	3.12	3.22	-	3.24	3.32	3.43	-	3.42	3.49	3.61	-	3.56	3.64	3.76	-	3.69	3.77	3.90	-	
75		1970	Amps	10.0	10.3	10.6	-	10.9	11.1	11.5	-	11.9	12.2	12.6	-	12.7	13.0	13.5	-	13.6	13.9	14.4	-	14.4	14.8	15.3	-
			Hi PR	223	240	243	-	252	271	275	-	287	308	313	-	327	351	356	-	367	395	401	-	411	442	449	-
			Lo PR	118	122	133	-	122	125	137	-	126	130	142	-	129	133	145	-	132	136	148	-	135	139	152	-
	1750	MBh	49.0	50.5	54.6	58.7	47.9	49.3	53.4	57.3	46.8	48.1	52.1	55.9	45.6	47.0	50.8	54.6	43.3	44.6	48.3	51.8	40.1	41.3	44.7	48.0	
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.92	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	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10	
	1530	KW	2.87	2.94	3.03	3.13	3.10	3.17	3.27	3.38	3.30	3.37	3.48	3.60	3.47	3.55	3.67	3.80	3.62	3.70	3.83	3.96	3.75	3.84	3.97	4.10	
		Amps	10.2	10.5	10.8	11.2	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.3	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2	
		Hi PR	228	245	248	254	257	277	280	287	292	315	319	326	333	358	363	371	375	403	409	418	420	451	458	468	
	75	1750	Lo PR	121	124	136	145	124	128	140	149	128	132	145	154	132	136	148	158	134	139	151	161	138	142	155	165
			MBh	47.6	49.0	53.1	56.9	46.5	47.9	51.8	55.6	45.4	46.7	50.6	54.3	44.3	45.6	49.4	53.0	42.1	43.3	46.9	50.3	39.0	40.1	43.4	46.6
			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	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
1530		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
		KW	2.85	2.91	3.01	3.10	3.07	3.14	3.24	3.35	3.27	3.34	3.45	3.57	3.44	3.52	3.64	3.76	3.59	3.67	3.80	3.93	3.72	3.80	3.93	4.07	
		Amps	10.1	10.4	10.7	11.1	11.0	11.2	11.6	12.1	12.0	12.3	12.7	13.2	12.8	13.2	13.6	14.2	13.7	14.0	14.5	15.1	14.5	14.9	15.4	16.0	
1530		Hi PR	225	242	246	251	255	274	278	284	290	311	316	323	330	355	360	368	371	399	405	414	416	447	453	463	
		Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	154	163	
		MBh	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.7	50.1	40.9	42.1	45.6	48.9	38.8	40.0	43.3	46.4	36.0	37.0	40.1	43.0	
1530		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	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	19	16	11	20	18	15	10	
		KW	2.83	2.89	2.98	3.08	3.05	3.12	3.22	3.32	3.24	3.32	3.43	3.54	3.42	3.49	3.61	3.73	3.56	3.64	3.76	3.89	3.69	3.77	3.90	4.03	
1530	Amps	10.0	10.3	10.6	11.0	10.9	11.1	11.5	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.6	13.9	14.4	15.0	14.4	14.8	15.3	15.9		
	Hi PR	223	240	243	249	252	271	275	281	287	308	313	320	327	351	356	364	367	395	401	409	411	442	449	459		
	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 Shaded area is ACCA (TVA) conditions High and low pressures are measured at the liquid and suction service valves.

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 — ASX180481A\* / CA\*F4860D6A\* + 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	1970	MBh	49.9	51.0	54.5	58.2	48.7	49.8	53.2	56.9	47.6	48.6	52.0	55.5	46.4	47.4	50.7	54.2	44.1	45.1	48.1	51.5	40.9	41.7	44.6	47.7	
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	
		ΔT	22	21	19	15	23	22	21	15	22	22	19	15	22	22	19	15	21	21	19	15	19	19	17	14	
	1750	KW	2.87	2.94	3.03	3.13	3.10	3.17	3.27	3.38	3.30	3.37	3.48	3.60	3.47	3.55	3.67	3.80	3.62	3.70	3.83	3.96	3.75	3.84	3.97	4.10	
		Amps	10.2	10.5	10.8	11.2	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.3	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2	
		Hi PR	228	245	248	254	257	277	280	287	292	315	319	326	333	358	363	371	375	403	409	418	420	451	458	468	
	1530	Lo PR	121	124	136	145	124	128	140	149	128	132	145	154	132	136	148	158	134	139	151	161	138	142	155	165	
		MBh	48.5	49.5	52.9	56.5	47.3	48.4	51.7	55.2	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	42.8	43.8	46.7	50.0	39.7	40.5	43.3	46.3	
		S/T	0.91	0.85	0.69	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	1970	ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	22	22	19	16	21	21	18	14
			KW	2.85	2.91	3.01	3.10	3.07	3.14	3.24	3.35	3.27	3.34	3.45	3.57	3.44	3.52	3.64	3.76	3.59	3.67	3.80	3.93	3.72	3.80	3.93	4.07
			Amps	10.1	10.4	10.7	11.1	11.0	11.2	11.6	12.1	12.0	12.3	12.7	13.2	12.8	13.2	13.6	14.2	13.7	14.0	14.5	15.1	14.5	14.9	15.4	16.0
1750		Hi PR	225	242	246	251	255	274	278	284	290	311	316	323	330	355	360	368	371	399	405	414	416	447	453	463	
		Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	154	163	
		MBh	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.6	46.6	49.8	41.6	42.5	45.4	48.6	39.5	40.4	43.1	46.1	36.6	37.4	40.0	42.7	
1530		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.01	0.94	0.77	0.57	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
		KW	2.83	2.89	2.98	3.08	3.05	3.12	3.22	3.32	3.24	3.32	3.43	3.54	3.42	3.49	3.61	3.73	3.56	3.64	3.76	3.89	3.69	3.77	3.90	4.03	
85		1970	Amps	10.0	10.3	10.6	11.0	10.9	11.1	11.5	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.6	13.9	14.4	15.0	14.4	14.8	15.3	15.9
			Hi PR	223	240	243	249	252	271	275	281	287	308	313	320	327	351	356	364	367	395	401	409	411	442	449	459
			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
1750	MBh	50.8	51.8	54.2	57.8	49.6	50.6	53.0	56.5	48.4	49.4	51.7	55.1	47.2	48.2	50.4	53.8	44.9	45.7	47.9	51.1	41.6	42.4	44.4	47.3		
	S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81		
	ΔT	24	23	22	19	23	24	22	19	23	23	22	19	22	22	22	19	21	21	22	19	19	20	21	18		
1530	KW	2.87	2.94	3.03	3.13	3.10	3.17	3.27	3.38	3.30	3.37	3.48	3.60	3.47	3.55	3.67	3.80	3.62	3.70	3.83	3.96	3.75	3.84	3.97	4.10		
	Amps	10.2	10.5	10.8	11.2	11.1	11.4	11.7	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.3	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2		
	Hi PR	228	245	248	254	257	277	280	287	292	315	319	326	333	358	363	371	375	403	409	418	420	451	458	468		
85	1750	Lo PR	121	124	136	145	124	128	140	149	128	132	145	154	132	136	148	158	134	139	151	161	138	142	155	165	
		MBh	49.3	50.3	52.6	56.2	48.2	49.1	51.4	54.8	47.0	47.9	50.2	53.5	45.9	46.7	49.0	52.2	43.6	44.4	46.5	49.6	40.4	41.1	43.1	46.0	
		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	
1530	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	25	23	20	23	23	23	20	21	22	22	19		
	KW	2.85	2.91	3.01	3.10	3.07	3.14	3.24	3.35	3.27	3.34	3.45	3.57	3.44	3.52	3.64	3.76	3.59	3.67	3.80	3.93	3.72	3.80	3.93	4.07		
	Amps	10.1	10.4	10.7	11.1	11.0	11.2	11.6	12.1	12.0	12.3	12.7	13.2	12.8	13.2	13.6	14.2	13.7	14.0	14.5	15.1	14.5	14.9	15.4	16.0		
85	1750	Hi PR	225	242	246	251	255	274	278	284	290	311	316	323	330	355	360	368	371	399	405	414	416	447	453	463	
		Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	154	163	
		MBh	45.5	46.4	48.6	51.8	44.4	45.3	47.5	50.6	43.4	44.2	46.3	49.4	42.3	43.1	45.2	48.2	40.2	41.0	42.9	45.8	37.3	38.0	39.8	42.4	
1530	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	25	25	23	20	25	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	23	22	19		
	KW	2.83	2.89	2.98	3.08	3.05	3.12	3.22	3.32	3.24	3.32	3.43	3.54	3.42	3.49	3.61	3.73	3.56	3.64	3.76	3.89	3.69	3.77	3.90	4.03		
85	1750	Amps	10.0	10.3	10.6	11.0	10.9	11.1	11.5	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.6	13.9	14.4	15.0	14.4	14.8	15.3	15.9	
		Hi PR	223	240	243	249	252	271	275	281	287	308	313	320	327	351	356	364	367	395	401	409	411	442	449	459	
		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 Shaded area is AHRI conditions High and low pressures are measured at the liquid and suction service valves.

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 — ASX180601A\* / CA\*F4860D6A\* +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	1520	MBh	42.4	43.9	48.1	-	41.4	42.9	47.0	-	40.4	41.9	45.9	-	39.4	40.8	44.7	-	37.4	38.8	42.5	-	34.7	35.9	39.4	-	
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	1350	kW	2.43	2.49	2.57	-	2.64	2.70	2.79	-	2.82	2.89	2.99	-	2.98	3.05	3.16	-	3.12	3.19	3.31	-	3.24	3.31	3.43	-	
		Amps	9.4	9.6	10.0	-	10.2	10.4	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	14.0	14.3	14.8	-	14.8	15.1	15.7	-	
		Hi PR	226	243	247	-	248	267	271	-	291	313	317	-	331	356	361	-	372	400	406	-	430	463	469	-	
	1180	Lo PR	118	122	133	-	121	125	137	-	125	129	141	-	129	133	145	-	131	136	148	-	135	139	152	-	
		MBh	41.1	42.6	46.7	-	40.2	41.6	45.6	-	39.2	40.6	44.5	-	38.3	39.6	43.4	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-	
		S/T	0.69	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	0.66	0.46	-	
	75	1520	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
			kW	2.41	2.47	2.55	-	2.61	2.68	2.77	-	2.80	2.86	2.96	-	2.95	3.03	3.13	-	3.09	3.16	3.28	-	3.21	3.28	3.40	-
			Amps	9.3	9.5	9.9	-	10.1	10.3	10.7	-	11.0	11.3	11.7	-	11.8	12.1	12.5	-	13.8	14.2	14.7	-	14.6	15.0	15.5	-
1350		Hi PR	224	241	244	-	246	264	268	-	288	309	314	-	328	352	357	-	369	397	402	-	426	458	465	-	
		Lo PR	117	120	131	-	120	124	135	-	124	128	140	-	128	132	144	-	130	134	146	-	133	137	150	-	
		MBh	38.0	39.3	43.1	-	37.1	38.4	42.1	-	36.2	37.5	41.1	-	35.3	36.6	40.1	-	33.5	34.8	38.1	-	31.1	32.2	35.3	-	
1180		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-	
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
		kW	2.39	2.44	2.53	-	2.59	2.65	2.75	-	2.77	2.84	2.94	-	2.93	3.00	3.10	-	3.06	3.14	3.25	-	3.18	3.25	3.37	-	
75		1520	Amps	9.2	9.4	9.8	-	10.0	10.2	10.6	-	10.9	11.2	11.6	-	11.7	12.0	12.4	-	13.7	14.0	14.5	-	14.5	14.8	15.4	-
			Hi PR	222	238	242	-	243	262	265	-	285	306	311	-	325	349	354	-	365	393	398	-	422	454	460	-
			Lo PR	116	119	130	-	119	123	134	-	123	127	138	-	126	130	142	-	129	133	145	-	132	136	149	-
	1350	MBh	43.1	44.3	48.0	51.5	42.1	43.3	46.9	50.3	41.1	42.3	45.8	49.1	40.1	41.3	44.7	47.9	38.1	39.2	42.4	45.5	35.3	36.3	39.3	42.2	
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
	1180	kW	2.43	2.49	2.57	2.67	2.64	2.70	2.79	2.89	2.82	2.89	2.99	3.10	2.98	3.05	3.16	3.28	3.12	3.19	3.31	3.43	3.24	3.31	3.43	3.56	
		Amps	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	14.0	14.3	14.8	15.4	14.8	15.1	15.7	16.3	
		Hi PR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	372	400	406	415	430	463	469	480	
	75	Lo PR	118	122	133	141	121	125	137	146	125	129	141	150	129	133	145	154	131	136	148	158	135	139	152	161	
		MBh	41.8	43.1	46.6	50.0	40.8	42.1	45.5	48.9	39.9	41.1	44.4	47.7	38.9	40.1	43.4	46.5	37.0	38.0	41.2	44.2	34.2	35.2	38.1	40.9	
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
75	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11		
	kW	2.41	2.47	2.55	2.64	2.61	2.68	2.77	2.87	2.80	2.86	2.96	3.07	2.95	3.03	3.13	3.25	3.09	3.16	3.28	3.40	3.21	3.28	3.40	3.53		
	Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	13.8	14.2	14.7	15.3	14.6	15.0	15.5	16.1		
75	Hi PR	224	241	244	250	246	264	268	274	288	309	314	321	328	352	357	365	369	397	402	411	426	458	465	475		
	Lo PR	117	120	131	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	146	156	133	137	150	160		
	MBh	38.6	39.7	43.0	46.2	37.7	38.8	42.0	45.1	36.8	37.9	41.0	44.0	35.9	37.0	40.0	42.9	34.1	35.1	38.0	40.8	31.6	32.5	35.2	37.8		
75	S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.75	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38		
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11		
	kW	2.39	2.44	2.53	2.62	2.59	2.65	2.75	2.84	2.77	2.84	2.94	3.04	2.93	3.00	3.10	3.22	3.06	3.14	3.25	3.37	3.18	3.25	3.37	3.49		
75	Amps	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.9	13.7	14.0	14.5	15.1	14.5	14.8	15.4	16.0		
	Hi PR	222	238	242	247	243	262	265	271	285	306	311	318	325	349	354	362	365	393	398	407	422	454	460	470		
	Lo PR	116	119	130	139	119	123	134	143	123	127	138	147	126	130	142	151	129	133	145	154	132	136	149	158		

IDB = Entering Indoor Dry Bulb Temperature      Shaded area is ACCA (TVA) conditions  
 High and low pressures are measured at the liquid and suction service valves.

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 — ASX180601A\* / CA\*F4860D6A\* +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	1520	MBh	43.8	44.8	47.9	51.2	42.8	43.8	46.7	50.0	41.8	42.7	45.6	48.8	40.8	41.7	44.5	47.6	38.7	39.6	42.3	45.2	35.9	36.7	39.2	41.9	
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59	
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	23	23	20	16	22	22	19	15	
	1350	KW	2.43	2.49	2.57	2.67	2.64	2.70	2.79	2.89	2.82	2.89	2.99	3.10	2.98	3.05	3.16	3.28	3.12	3.19	3.31	3.43	3.24	3.31	3.43	3.56	
		Amps	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	14.0	14.3	14.8	15.4	14.8	15.1	15.7	16.3	
		Hi PR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	372	400	406	415	430	463	469	480	
	1180	Lo PR	118	122	133	141	121	125	137	146	125	129	141	150	129	133	145	154	131	136	148	158	135	139	152	161	
		MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.2	46.2	37.6	38.4	41.1	43.9	34.8	35.6	38.0	40.7	
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
	85	1520	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	24	23	20	16
			KW	2.41	2.47	2.55	2.64	2.61	2.68	2.77	2.87	2.80	2.86	2.96	3.07	2.95	3.03	3.13	3.25	3.09	3.16	3.28	3.40	3.21	3.28	3.40	3.53
			Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	13.8	14.2	14.7	15.3	14.6	15.0	15.5	16.1
1350		Hi PR	224	241	244	250	246	264	268	274	288	309	314	321	328	352	357	365	369	397	402	411	426	458	465	475	
		Lo PR	117	120	131	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	146	156	133	137	150	160	
		MBh	39.3	40.1	42.9	45.8	38.4	39.2	41.9	44.8	37.5	38.3	40.9	43.7	36.5	37.3	39.9	42.6	34.7	35.5	37.9	40.5	32.2	32.9	35.1	37.5	
1180		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55	
		ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16	
		KW	2.39	2.44	2.53	2.62	2.59	2.65	2.75	2.84	2.77	2.84	2.94	3.04	2.93	3.00	3.10	3.22	3.06	3.14	3.25	3.37	3.18	3.25	3.37	3.49	
85		1520	Amps	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.9	13.7	14.0	14.5	15.1	14.5	14.8	15.4	16.0
			Hi PR	222	238	242	247	243	262	265	271	285	306	311	318	325	349	354	362	365	393	398	407	422	454	460	470
			Lo PR	116	119	130	139	119	123	134	143	123	127	138	147	126	130	142	151	129	133	145	154	132	136	149	158
	1350	MBh	44.6	45.5	47.6	50.8	43.6	44.4	46.5	49.6	42.5	43.4	45.4	48.4	41.5	42.3	44.3	47.3	39.4	40.2	42.1	44.9	36.5	37.2	39.0	41.6	
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19	
	1180	KW	2.43	2.49	2.57	2.67	2.64	2.70	2.79	2.89	2.82	2.89	2.99	3.10	2.98	3.05	3.16	3.28	3.12	3.19	3.31	3.43	3.24	3.31	3.43	3.56	
		Amps	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	14.0	14.3	14.8	15.4	14.8	15.1	15.7	16.3	
		Hi PR	226	243	247	252	248	267	271	277	291	313	317	324	331	356	361	369	372	400	406	415	430	463	469	480	
	85	Lo PR	118	122	133	141	121	125	137	146	125	129	141	150	129	133	145	154	131	136	148	158	135	139	152	161	
		MBh	43.3	44.1	46.2	49.3	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	38.3	39.0	40.9	43.6	35.4	36.1	37.8	40.4	
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.73	
85	1350	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20	
		KW	2.41	2.47	2.55	2.64	2.61	2.68	2.77	2.87	2.80	2.86	2.96	3.07	2.95	3.03	3.13	3.25	3.09	3.16	3.28	3.40	3.21	3.28	3.40	3.53	
		Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	13.8	14.2	14.7	15.3	14.6	15.0	15.5	16.1	
	1180	Hi PR	224	241	244	250	246	264	268	274	288	309	314	321	328	352	357	365	369	397	402	411	426	458	465	475	
		Lo PR	117	120	131	140	120	124	135	144	124	128	140	149	128	132	144	153	130	134	146	156	133	137	150	160	
		MBh	40.0	40.7	42.7	45.5	39.0	39.8	41.7	44.5	38.1	38.8	40.7	43.4	37.2	37.9	39.7	42.3	35.3	36.0	37.7	40.2	32.7	33.4	34.9	37.3	
	85	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.97	0.87	0.71	
		ΔT	27.2	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21	
		KW	2.39	2.44	2.53	2.62	2.59	2.65	2.75	2.84	2.77	2.84	2.94	3.04	2.93	3.00	3.10	3.22	3.06	3.14	3.25	3.37	3.18	3.25	3.37	3.49	
	85	Amps	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.9	13.7	14.0	14.5	15.1	14.5	14.8	15.4	16.0	
		Hi PR	222	238	242	247	243	262	265	271	285	306	311	318	325	349	354	362	365	393	398	407	422	454	460	470	
		Lo PR	116	119	130	139	119	123	134	143	123	127	138	147	126	130	142	151	129	133	145	154	132	136	149	158	

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

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 — ASX180601A\* / CA\*F4860D6A\* +TXV / MBE2000\*\* -1 HIGH STAGE

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	58.5	60.6	66.4	-	57.1	59.2	64.9	-	55.8	57.8	63.3	-	54.4	56.4	61.8	-	51.7	53.6	58.7	-	47.9	49.6	54.4	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
	KW	3.87	3.96	4.09	-	4.18	4.27	4.41	-	4.45	4.55	4.70	-	4.69	4.80	4.96	-	4.89	5.00	5.17	-	5.07	5.18	5.36	-
	Amps	13.8	14.2	14.7	-	15.0	15.4	15.9	-	16.4	16.8	17.4	-	17.6	18.0	18.7	-	20.6	21.2	21.9	-	21.8	22.4	23.2	-
	HI PR	241	259	263	-	265	285	289	-	310	333	338	-	353	380	385	-	397	427	433	-	459	493	500	-
	Lo PR	115	119	130	-	118	122	133	-	123	126	138	-	126	130	142	-	128	132	144	-	131	136	148	-
	MBh	56.8	58.9	64.5	-	55.5	57.5	63.0	-	54.2	56.1	61.5	-	52.8	54.8	60.0	-	50.2	52.0	57.0	-	46.5	48.2	52.8	-
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
KW	3.84	3.93	4.05	-	4.15	4.24	4.38	-	4.41	4.51	4.66	-	4.65	4.75	4.91	-	4.85	4.96	5.13	-	5.02	5.14	5.31	-	
Amps	13.7	14.0	14.5	-	14.9	15.2	15.8	-	16.2	16.6	17.2	-	17.4	17.8	18.5	-	20.4	21.0	21.7	-	21.6	22.2	23.0	-	
HI PR	239	257	260	-	262	282	286	-	307	330	335	-	349	376	381	-	393	423	429	-	454	488	495	-	
Lo PR	114	118	128	-	117	121	132	-	121	125	137	-	125	128	140	-	127	131	143	-	130	134	147	-	
MBh	52.4	54.3	59.5	-	51.2	53.1	58.1	-	50.0	51.8	56.8	-	48.8	50.5	55.4	-	46.3	48.0	52.6	-	42.9	44.5	48.7	-	
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	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
KW	3.81	3.89	4.02	-	4.11	4.20	4.34	-	4.38	4.47	4.62	-	4.61	4.71	4.87	-	4.81	4.92	5.08	-	4.98	5.09	5.27	-	
Amps	13.5	13.9	14.4	-	14.7	15.1	15.6	-	16.1	16.5	17.1	-	17.2	17.7	18.3	-	20.2	20.8	21.5	-	21.4	22.0	22.7	-	
HI PR	236	254	258	-	259	279	283	-	304	327	331	-	346	372	377	-	389	419	424	-	450	484	490	-	
Lo PR	113	116	127	-	116	120	131	-	120	124	135	-	123	127	139	-	126	130	142	-	129	133	145	-	

75	MBh	59.5	61.3	66.3	71.2	58.1	59.8	64.8	69.5	56.7	58.4	63.2	67.8	55.3	57.0	61.7	66.2	52.6	54.1	58.6	62.9	48.7	50.1	54.3	58.3
	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	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	KW	3.87	3.96	4.09	4.22	4.18	4.27	4.41	4.56	4.45	4.55	4.70	4.86	4.69	4.80	4.96	5.13	4.89	5.00	5.17	5.35	5.07	5.18	5.36	5.55
	Amps	13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.7	19.4	20.6	21.2	21.9	22.8	21.8	22.4	23.2	24.1
	HI PR	241	259	263	269	265	285	289	295	310	333	338	345	353	380	385	393	397	427	433	443	459	493	500	511
	Lo PR	115	119	130	138	118	122	133	142	123	126	138	147	126	130	142	151	128	132	144	154	131	136	148	158
	MBh	57.8	59.5	64.4	69.1	56.4	58.1	62.9	67.5	55.1	56.7	61.4	65.9	53.7	55.3	59.9	64.3	51.0	52.6	56.9	61.1	47.3	48.7	52.7	56.6
	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
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
KW	3.84	3.93	4.05	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.82	4.65	4.75	4.91	5.08	4.85	4.96	5.13	5.31	5.02	5.14	5.31	5.50	
Amps	13.7	14.0	14.5	15.1	14.9	15.2	15.8	16.4	16.2	16.6	17.2	17.9	17.4	17.8	18.5	19.2	20.4	21.0	21.7	22.6	21.6	22.2	23.0	23.9	
HI PR	239	257	260	266	262	282	286	292	307	330	335	342	349	376	381	389	393	423	429	438	454	488	495	506	
Lo PR	114	118	128	137	117	121	132	141	121	125	137	145	125	128	140	149	127	131	143	152	130	134	147	156	
MBh	53.3	54.9	59.4	63.8	52.1	53.6	58.0	62.3	50.8	52.3	56.7	60.8	49.6	51.1	55.3	59.3	47.1	48.5	52.5	56.4	43.6	44.9	48.6	52.2	
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	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
KW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.47	4.62	4.78	4.61	4.71	4.87	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.27	5.45	
Amps	13.5	13.9	14.4	14.9	14.7	15.1	15.6	16.2	16.1	16.5	17.1	17.7	17.2	17.7	18.3	19.0	20.2	20.8	21.5	22.3	21.4	22.0	22.7	23.6	
HI PR	236	254	258	263	259	279	283	289	304	327	331	339	346	372	377	386	389	419	424	434	450	484	490	501	
Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	142	151	129	133	145	155	

IDB = Entering Indoor Dry Bulb Temperature Shaded area is ACCA (TVA) conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 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 — ASX180601A\* / CA\*F4860D6A\* +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	2250	MBh	60.6	61.9	66.1	70.7	59.1	60.4	64.6	69.0	57.7	59.0	63.0	67.4	56.3	57.6	61.5	65.7	53.5	54.7	58.4	62.4	49.6	50.6	54.1	57.8	
		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	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14	
	2000	kW	3.87	3.96	4.09	4.22	4.18	4.27	4.41	4.56	4.45	4.55	4.70	4.86	4.69	4.80	4.96	5.13	4.89	5.00	5.17	5.35	5.07	5.18	5.36	5.55	
		Amps	13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.7	19.4	20.6	21.2	21.9	22.8	21.8	22.4	23.2	24.1	
		HI/PR	241	259	263	269	265	285	289	295	310	333	338	345	353	380	385	393	397	427	433	443	459	493	500	511	
	1750	Lo PR	115	119	130	138	118	122	133	142	123	126	138	147	126	130	142	151	128	132	144	154	131	136	148	158	
		MBh	58.8	60.1	64.2	68.6	57.4	58.7	62.7	67.0	56.1	57.3	61.2	65.4	54.7	55.9	59.7	63.8	52.0	53.1	56.7	60.6	48.1	49.2	52.5	56.2	
		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	2250	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
			kW	3.84	3.93	4.05	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.82	4.65	4.75	4.91	5.08	4.85	4.96	5.13	5.31	5.02	5.14	5.31	5.50
			Amps	13.7	14.0	14.5	15.1	14.9	15.2	15.8	16.4	16.2	16.6	17.2	17.9	17.4	17.8	18.5	19.2	20.4	21.0	21.7	22.6	21.6	22.2	23.0	23.9
2000		HI/PR	239	257	260	266	262	282	286	292	307	330	335	342	349	376	381	389	393	423	429	438	454	488	495	506	
		Lo PR	114	118	128	137	117	121	132	141	121	125	137	145	125	128	140	149	127	131	143	152	130	134	147	156	
		MBh	54.3	55.4	59.2	63.3	53.0	54.2	57.9	61.9	51.7	52.9	56.5	60.4	50.5	51.6	55.1	58.9	48.0	49.0	52.3	56.0	44.4	45.4	48.5	51.8	
1750		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	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15	
		kW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.47	4.62	4.78	4.61	4.71	4.87	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.27	5.45	
85		2250	Amps	13.5	13.9	14.4	14.9	14.7	15.1	15.6	16.2	16.1	16.5	17.1	17.7	17.2	17.7	18.3	19.0	20.2	20.8	21.5	22.3	21.4	22.0	22.7	23.6
			HI/PR	236	254	258	263	259	279	283	289	304	327	331	339	346	372	377	386	389	419	424	434	450	484	490	501
			Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	142	151	129	133	145	155
2000	MBh	61.6	62.8	65.8	70.2	60.2	61.3	64.2	68.5	58.7	59.9	62.7	66.9	57.3	58.4	61.2	65.3	54.4	55.5	58.1	62.0	50.4	51.4	53.8	57.4		
	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	24	24	22	19	24	23	20	16	24	24	23	20	23	24	23	20	22	23	23	20	21	21	21	18		
1750	kW	3.87	3.96	4.09	4.22	4.18	4.27	4.41	4.56	4.45	4.55	4.70	4.86	4.69	4.80	4.96	5.13	4.89	5.00	5.17	5.35	5.07	5.18	5.36	5.55		
	Amps	13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.6	16.4	16.8	17.4	18.1	17.6	18.0	18.7	19.4	20.6	21.2	21.9	22.8	21.8	22.4	23.2	24.1		
	HI/PR	241	259	263	269	265	285	289	295	310	333	338	345	353	380	385	393	397	427	433	443	459	493	500	511		
85	2000	Lo PR	115	119	130	138	118	122	133	142	123	126	138	147	126	130	142	151	128	132	144	154	131	136	148	158	
		MBh	59.8	61.0	63.9	68.1	58.4	59.6	62.4	66.5	57.0	58.1	60.9	65.0	55.6	56.7	59.4	63.4	52.9	53.9	56.4	60.2	49.0	49.9	52.3	55.8	
		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	
1750	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19		
	kW	3.84	3.93	4.05	4.19	4.15	4.24	4.38	4.52	4.41	4.51	4.66	4.82	4.65	4.75	4.91	5.08	4.85	4.96	5.13	5.31	5.02	5.14	5.31	5.50		
	Amps	13.7	14.0	14.5	15.1	14.9	15.2	15.8	16.4	16.2	16.6	17.2	17.9	17.4	17.8	18.5	19.2	20.4	21.0	21.7	22.6	21.6	22.2	23.0	23.9		
85	2000	HI/PR	239	257	260	266	262	282	286	292	307	330	335	342	349	376	381	389	393	423	429	438	454	488	495	506	
		Lo PR	114	118	128	137	117	121	132	141	121	125	137	145	125	128	140	149	127	131	143	152	130	134	147	156	
		MBh	55.2	56.3	58.9	62.9	53.9	55.0	57.6	61.4	52.6	53.7	56.2	60.0	51.4	52.4	54.8	58.5	48.8	49.7	52.1	55.6	45.2	46.1	48.2	51.5	
1750	S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	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	26	24	21	26	25	24	21	26	25	24	21	26	26	24	21	26	25	24	21	24	24	22	19		
	kW	3.81	3.89	4.02	4.15	4.11	4.20	4.34	4.49	4.38	4.47	4.62	4.78	4.61	4.71	4.87	5.04	4.81	4.92	5.08	5.26	4.98	5.09	5.27	5.45		
85	2000	Amps	13.5	13.9	14.4	14.9	14.7	15.1	15.6	16.2	16.1	16.5	17.1	17.7	17.2	17.7	18.3	19.0	20.2	20.8	21.5	22.3	21.4	22.0	22.7	23.6	
		HI/PR	236	254	258	263	259	279	283	289	304	327	331	339	346	372	377	386	389	419	424	434	450	484	490	501	
		Lo PR	113	116	127	135	116	120	131	139	120	124	135	144	123	127	139	148	126	130	142	151	129	133	145	155	

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

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 Unit		Cooling Capacity (Mbtuh)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX18 0361A*	AEPF303616C*+TXV		35,000	25,600	18.00	13.00	1444000
	AEPF313716A*+TXV		35,000	25,600	18.00	13.00	3305574
	AEPF426016C*+TXV		35,000	25,600	18.00	13.00	1492708
	CA*F3636*6B*+TXV	A*V80704B**	33,400	24,400	17.00	13.00	3204588
	CA*F3743*6A*+MBE1600**-1+TXV		35,000	25,600	18.00	13.00	1346921
	CA*F3743*6A*+MBE2000**-1+TXV		35,000	25,600	18.00	13.00	1347333
	CA*F3743*6A*+TXV	A*V80704B**	35,000	25,600	17.00	13.00	3080829
	CA*F3743*6A*+TXV	A*V80905C**	35,000	25,600	17.00	13.00	3080833
	CA*F3743*6A*+TXV	A*V81155C**	35,000	25,600	17.00	13.00	3080837
	CA*F3743*6A*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080841
	CA*F3743*6A*+TXV	A*V90704C**	35,000	25,600	17.50	13.00	1346922
	CA*F3743*6A*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	1346923
	CA*F3743*6A*+TXV	A*V91155D**	35,000	25,600	18.00	13.00	1346924
	CA*F3743*6A*+TXV	G*V950704C**	35,000	25,600	17.50	13.00	1404306
	CA*F3743*6A*+TXV	G*V950905D**	35,000	25,600	18.00	13.25	1404308
	CA*F3743*6A*+TXV	G*V951155D**	35,000	25,600	18.00	13.00	1404309
	CA*F4860*6B*+TXV	A*V90905D**	35,000	25,600	17.50	13.00	3177811
	CA*F4961*6A*+MBE2000**-1+TXV		36,000	26,300	19.00	13.50	1346925
	CA*F4961*6A*+TXV	A*V80704B**	36,000	26,300	17.50	13.20	1401996
	CA*F4961*6A*+TXV	A*V80905C**	36,000	26,300	18.00	13.70	1401998
	CA*F4961*6A*+TXV	A*V81155C**	36,000	26,300	18.00	13.70	1402000
	CA*F4961*6A*+TXV	A*V90453B**	35,000	25,600	17.00	13.00	3080842
	CA*F4961*6A*+TXV	A*V90704C**	35,000	25,600	17.50	13.30	3080848
	CA*F4961*6A*+TXV	A*V90905D**	35,000	25,600	18.00	13.50	3080855
	CA*F4961*6A*+TXV	A*V91155D**	36,000	26,300	18.30	13.25	1346926
	CA*F4961*6A*+TXV	MBE1600**-1	36,000	26,300	17.50	13.00	3080856
	CHPF3743C6A*+MBE1600**-1A*+TXV		35,000	25,600	18.00	13.00	1347374
	CHPF3743C6A*+TXV	A*V80704B**	35,000	25,600	17.00	13.00	3080830
	CHPF3743C6A*+TXV	A*V80905C**	35,000	25,600	17.00	13.00	3080834
	CHPF3743C6A*+TXV	A*V81155C**	35,000	25,600	17.00	13.00	3080838
	CHPF3743C6A*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080843
	CHPF3743C6A*+TXV	A*V90704C**	35,000	25,600	17.50	13.00	1347375
	CHPF3743C6A*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	1347885
	CHPF3743C6A*+TXV	A*V91155D**	35,000	25,600	18.00	13.00	1347886
	CHPF3743C6A*+TXV	G*V950704C**	35,000	25,600	17.50	13.00	3298343
	CHPF3743C6A*+TXV	G*V950905D**	35,000	25,600	18.00	13.25	3298353
	CHPF3743C6A*+TXV	G*V951155D**	35,000	25,600	18.00	13.00	3298354
	CHPF3743C6B*+MBE1600**-1B*+TXV		35,000	25,600	18.00	13.00	3299685
	CHPF3743C6B*+TXV	A*V80704B**	35,000	25,600	17.00	13.00	3299686
	CHPF3743C6B*+TXV	A*V80905C**	35,000	25,600	17.00	13.00	3299687
	CHPF3743C6B*+TXV	A*V81155C**	35,000	25,600	17.00	13.00	3299688
	CHPF3743C6B*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3299689
	CHPF3743C6B*+TXV	A*V90704C**	35,000	25,600	17.50	13.00	3299690
	CHPF3743C6B*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	3299691
	CHPF3743C6B*+TXV	A*V91155D**	35,000	25,600	18.00	13.00	3299692
	CHPF3743D6A*+MBE2000**-1A*+TXV		35,000	25,600	18.00	13.00	1347376
	CHPF3743D6A*+TXV	A*V80704B**	35,000	25,600	17.00	13.00	3080831
	CHPF3743D6A*+TXV	A*V80905C**	35,000	25,600	17.00	13.00	3080835
	CHPF3743D6A*+TXV	A*V81155C**	35,000	25,600	17.00	13.00	3080839
	CHPF3743D6A*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080844
CHPF3743D6A*+TXV	A*V90704C**	34,600	25,300	17.00	13.00	3080849	
CHPF3743D6A*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	1347372	
CHPF3743D6A*+TXV	A*V91155D**	35,000	25,600	18.00	13.00	1347373	



# AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Unit		Cooling Capacity (Mbtuh)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX18 0361A* (cont.)	CHPF3743D6B*+MBE2000**-1B*+TXV		35,000	25,600	18.00	13.00	3299693
	CHPF3743D6B*+TXV	A*V80704B**	35,000	25,600	17.00	13.00	3299694
	CHPF3743D6B*+TXV	A*V80905C**	35,000	25,600	17.00	13.00	3299695
	CHPF3743D6B*+TXV	A*V81155C**	35,000	25,600	17.00	13.00	3299696
	CHPF3743D6B*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3299697
	CHPF3743D6B*+TXV	A*V90704C**	34,600	25,300	17.00	13.00	3299698
	CHPF3743D6B*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	3299699
	CHPF3743D6B*+TXV	A*V91155D**	35,000	25,600	18.00	13.00	3299700
	CHPF4860D6C*+MBE2000**-1A*+TXV		35,000	25,600	18.30	13.00	1347887
	CHPF4860D6C*+TXV	A*V80704B**	36,000	26,300	17.50	13.20	1402002
	CHPF4860D6C*+TXV	A*V80905C**	36,000	26,300	18.00	13.70	1402004
	CHPF4860D6C*+TXV	A*V81155C**	36,000	26,300	18.00	13.70	1402006
	CHPF4860D6C*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080845
	CHPF4860D6C*+TXV	A*V90704C**	35,000	25,600	17.50	13.30	3080850
	CHPF4860D6C*+TXV	A*V90905D**	36,000	26,300	18.00	13.25	1347378
	CHPF4860D6C*+TXV	A*V91155D**	35,000	25,600	18.30	13.25	1347379
	CHPF4860D6C*+TXV	G*V950905D**	36,000	26,300	18.00	13.25	3298344
	CHPF4860D6C*+TXV	G*V951155D**	35,000	25,600	18.30	13.25	3298345
	CHPF4860D6D*+MBE2000**-1B*+TXV		35,000	25,600	18.30	13.00	3299701
	CHPF4860D6D*+TXV	A*V80704B**	36,000	26,300	17.50	13.20	3299702
	CHPF4860D6D*+TXV	A*V80905C**	36,000	26,300	18.00	13.70	3299703
	CHPF4860D6D*+TXV	A*V81155C**	36,000	26,300	18.00	13.70	3299704
	CHPF4860D6D*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3299705
	CHPF4860D6D*+TXV	A*V90704C**	35,000	25,600	17.50	13.30	3299706
	CHPF4860D6D*+TXV	A*V90905D**	36,000	26,300	18.00	13.25	3299707
	CHPF4860D6D*+TXV	A*V91155D**	35,000	25,600	18.30	13.25	3299708
	CHTF3743C6A*+MBE1600**-1*+TXV		35,000	25,600	18.00	13.00	3186300
	CHTF3743D6A*+MBE2000**-1*+TXV		35,000	25,600	18.00	13.00	3186301
	CHTF4860D6A*+MBE2000**-1*+TXV		36,000	26,300	18.30	13.00	3186302
	CSCF3642N6C*+MBE1600**-1+TXV		34,600	25,300	17.50	13.00	1296975
	CSCF3642N6C*+MBE2000**-1+TXV		35,000	25,600	18.00	13.00	1296974
	CSCF3642N6C*+TXV	A*V80704B**	34,600	25,300	17.00	13.00	3080832
	CSCF3642N6C*+TXV	A*V80905C**	34,600	25,300	17.00	13.00	3080836
	CSCF3642N6C*+TXV	A*V81155C**	34,600	25,300	17.00	13.00	3080840
	CSCF3642N6C*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080846
	CSCF3642N6C*+TXV	A*V90704C**	34,600	25,300	17.00	13.00	3080851
	CSCF3642N6C*+TXV	A*V90905D**	34,600	25,300	17.50	13.00	1296973
	CSCF3642N6C*+TXV	A*V91155D**	34,600	25,300	17.50	13.00	1296980
	CSCF4860N6C*+MBE1600**-1+TXV		35,000	25,600	18.00	13.00	1296981
	CSCF4860N6C*+MBE2000**-1+TXV		35,000	25,600	18.30	13.00	1296979
	CSCF4860N6C*+TXV	A*V80704B**	36,000	26,300	17.50	13.20	1402008
	CSCF4860N6C*+TXV	A*V80905C**	36,000	26,300	18.00	13.70	1402010
	CSCF4860N6C*+TXV	A*V81155C**	36,000	26,300	18.00	13.70	1402012
	CSCF4860N6C*+TXV	A*V90453B**	34,600	25,300	17.00	13.00	3080847
	CSCF4860N6C*+TXV	A*V90704C**	34,600	25,300	17.50	13.00	1296978
	CSCF4860N6C*+TXV	A*V90905D**	35,000	25,600	18.00	13.25	1296976
	CSCF4860N6C*+TXV	A*V91155D**	35,000	25,600	18.30	13.25	1296977
	CT*F3642*6A*+MBE1600**-1*+TXV		35,000	25,600	18.00	13.00	3186308
	CT*F4860*6A*+MBE2000**-1*+TXV		36,000	26,300	19.00	13.50	3186309

<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

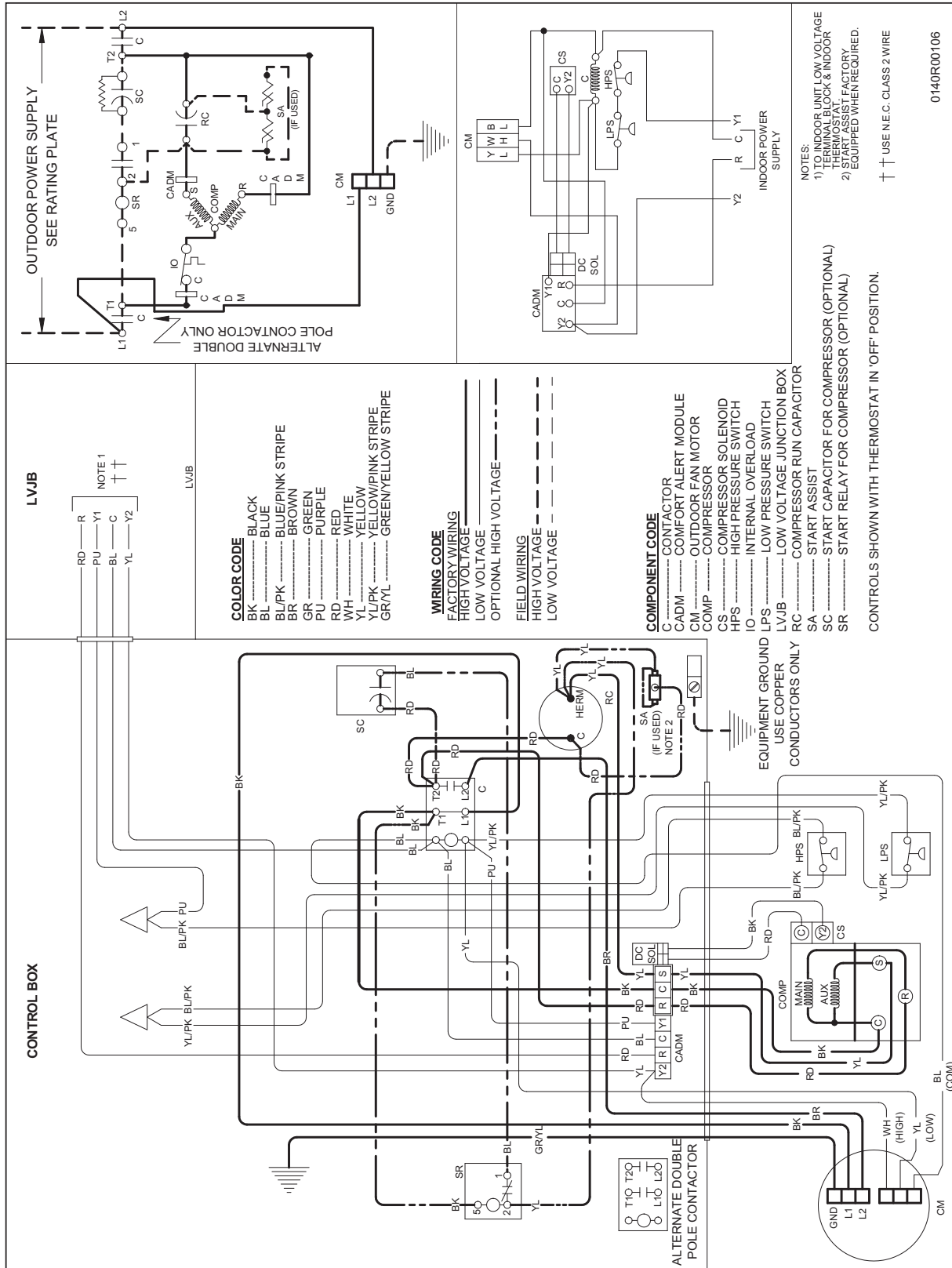
**Notes:**

- 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

# AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Unit		Cooling Capacity (Mbtuh)				AHRI #
	Indoor Coil & Blower	Furnace	Total	Sensible	SEER <sup>1</sup>	EER <sup>2</sup>	
ASX18 0481A*	AEPF426016C*+TXV		47,000	35,700	17.50	13.00	1492709
	CA*F4961*6A*+MBE2000**-1+TXV		47,500	36,100	18.30	13.25	1346927
	CA*F4961*6A*+TXV	A*V80905C**	48,000	36,500	17.00	13.00	1401972
	CA*F4961*6A*+TXV	A*V81155C**	48,000	36,500	17.00	13.00	1401974
	CA*F4961*6A*+TXV	A*V90704C**	46,000	35,000	17.00	13.00	3080852
	CA*F4961*6A*+TXV	A*V90905D**	47,000	35,700	17.50	13.00	1346928
	CA*F4961*6A*+TXV	A*V91155D**	47,500	36,100	18.00	13.00	1346929
	CA*F4961*6A*+TXV	G*V950905D**	47,000	35,700	17.50	13.00	1404310
	CA*F4961*6A*+TXV	G*V951155D**	47,000	35,700	18.00	13.00	1404311
	CA*F4961*6A*+TXV	MBE1600**-1	46,000	35,000	17.00	13.00	3080857
	CHPF4860D6C*+MBE2000**-1A*+TXV		47,500	36,100	18.30	13.25	1347380
	CHPF4860D6C*+TXV	A*V80905C**	48,000	36,500	17.00	13.00	1401976
	CHPF4860D6C*+TXV	A*V81155C**	48,000	36,500	17.00	13.00	1401978
	CHPF4860D6C*+TXV	A*V90704C**	46,000	35,000	17.00	13.00	3080853
	CHPF4860D6C*+TXV	A*V90905D**	47,000	35,700	17.50	13.00	1347381
	CHPF4860D6C*+TXV	A*V91155D**	47,500	36,100	18.00	13.00	1347382
	CHPF4860D6C*+TXV	MBE1600**-1	46,000	35,000	17.00	13.00	3080858
	CHPF4860D6D*+MBE1600**-1B*+TXV		46,000	35,000	17.00	13.00	3299801
	CHPF4860D6D*+MBE2000**-1B*+TXV		47,500	36,100	18.30	13.25	3299802
	CHPF4860D6D*+TXV	A*V80905C**	48,000	36,500	17.00	13.00	3299803
	CHPF4860D6D*+TXV	A*V81155C**	48,000	36,500	17.00	13.00	3299804
	CHPF4860D6D*+TXV	A*V90704C**	46,000	35,000	17.00	13.00	3299805
	CHPF4860D6D*+TXV	A*V90905D**	47,000	35,700	17.50	13.00	3299806
	CHPF4860D6D*+TXV	A*V91155D**	47,500	36,100	18.00	13.00	3299807
	CHTF4860D6A*+MBE2000**-1*+TXV		47,000	35,700	18.30	13.25	3186303
	CSCF4860N6C*+MBE2000**-1+TXV		47,500	36,100	18.30	13.25	1296982
	CSCF4860N6C*+TXV	A*V80905C**	48,000	36,500	17.00	13.00	1401980
	CSCF4860N6C*+TXV	A*V81155C**	48,000	36,500	17.00	13.00	1401982
	CSCF4860N6C*+TXV	A*V90704C**	46,000	35,000	17.00	13.00	3080854
	CSCF4860N6C*+TXV	A*V90905D**	47,000	35,700	17.50	13.00	1296983
	CSCF4860N6C*+TXV	A*V91155D**	47,500	36,100	18.00	13.00	1296984
	CSCF4860N6C*+TXV	MBE1600**-1	46,000	35,000	17.00	13.00	3080859
CT*F4860*6A*+MBE2000**-1*+TXV		47,000	35,700	18.30	13.25	3186310	
ASX18 0601A*	AEPF426016C*+TXV		58,000	42,300	16.00	11.75	1492710
	CA*F4961*6A*+MBE2000**-1+TXV		58,000	42,300	17.00	12.00	1346930
	CA*F4961*6A*+TXV	A*V80905C**	56,000	40,900	15.80	11.20	1401984
	CA*F4961*6A*+TXV	A*V81155C**	56,000	40,900	15.80	11.20	1401986
	CA*F4961*6A*+TXV	A*V90905D**	58,000	42,300	16.00	11.50	1346931
	CA*F4961*6A*+TXV	A*V91155D**	58,000	42,300	16.00	11.50	1346932
	CA*F4961*6A*+TXV	G*V950905D**	58,000	42,300	16.00	11.50	1404312
	CA*F4961*6A*+TXV	G*V951155D**	58,000	42,300	16.00	11.50	1404313
	CHPF4860D6C*+MBE2000**-1A*+TXV		58,000	42,300	17.00	12.00	1347383
	CHPF4860D6C*+TXV	A*V80905C**	56,000	40,900	15.80	11.20	1401988
	CHPF4860D6C*+TXV	A*V81155C**	56,000	40,900	15.80	11.20	1401990
	CHPF4860D6C*+TXV	A*V90905D**	58,000	42,300	16.00	11.50	1347384
	CHPF4860D6C*+TXV	A*V91155D**	58,000	42,300	16.00	11.75	1347385
	CHPF4860D6D*+MBE2000**-1B*+TXV		58,000	42,300	17.00	12.00	3299840
	CHPF4860D6D*+TXV	A*V80905C**	56,000	40,900	15.80	11.20	3299841
	CHPF4860D6D*+TXV	A*V81155C**	56,000	40,900	15.80	11.20	3299842
	CHPF4860D6D*+TXV	A*V90905D**	58,000	42,300	16.00	11.50	3299843
	CHPF4860D6D*+TXV	A*V91155D**	58,000	42,300	16.00	11.75	3299844
	CHTF4860D6A*+MBE2000**-1*+TXV		58,000	42,300	17.00	12.00	3186304
	CSCF4860N6C*+MBE2000**-1+TXV		58,000	42,300	16.50	11.75	1296985
	CSCF4860N6C*+TXV	A*V80905C**	56,000	40,900	15.80	11.20	1401992
	CSCF4860N6C*+TXV	A*V81155C**	56,000	40,900	15.80	11.20	1401994
	CSCF4860N6C*+TXV	A*V90905D**	58,000	42,300	16.00	11.50	1296986
	CSCF4860N6C*+TXV	A*V91155D**	58,000	42,300	16.00	11.75	1296987
CT*F4860*6A*+MBE2000**-1*+TXV		58,000	42,300	17.00	12.00	3186311	

# ASX18 WIRING DIAGRAM



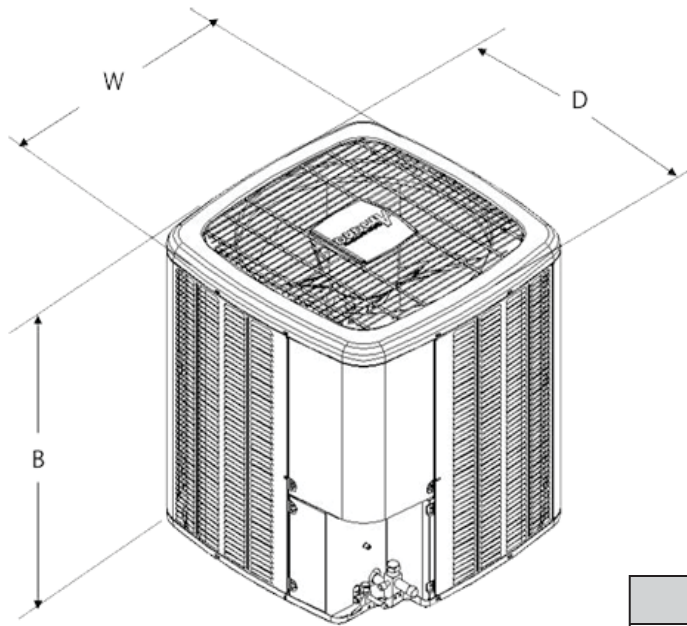
**WARNING**

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

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

## PRODUCT SPECIFICATIONS

### DIMENSIONS



Model	W	D	H
ASX180361A*	35½	35½	38¼
ASX180481A*	35½	35½	38¼
ASX180601A*	35½	35½	38¼

### ACCESSORIES

Model	Description	ASX18 036*	ASX18 048*	ASX18 060*
ABK-20	Anchor Bracket Kit ▼	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X
CSR-U-1	Hard-start Kit	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
LSK01A	Liquid Line Solenoid Kit	X	X	X
OT18-60A	Outdoor Thermostat / Lockout Stat	X	X	X
TX2N4 <sup>2</sup>	TXV Kit			
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.

