

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

ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
UP TO 15 SEER & 12.5 EER



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Standard Features

- Energy-efficient scroll compressor
- High-density foam compressor sound blanket
- Copeland® ComfortAlert™ diagnostics
- Single-speed PSC condenser fan motor
- Factory-installed filter drier
- Copper tube / enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Compact footprint
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	A	S	X	14	036	1	AA		
	1	2	3	4,5	6,7,8	9	10,11		
Brand							Engineering *		
A Amana® Brand							Major/ Minor Revisions * Not used for order or inventory control		
Product Category							Electrical		
S Split System							1 - 208/230 V, 1 Phase, 60 Hz		
N Nominal Split System									
Unit Type							Nominal Capacity		
X Condenser R-410A							018 1½ Tons	030 2½ Tons	042 3½ Tons
Z Heat Pump R-410A							019 1½ Tons	031 2½ Tons	043 3½ Tons
							024 2 Tons	036 3 Tons	048 4 Tons
							025 2 Tons	037 3 Tons	060 5 Tons
Efficiency									
13 13 SEER	16 16 SEER								
14 14 SEER	18 18 SEER								

	ASX14 0181L*	ASX14 0191K*	ASX14 0241L*	ASX14 0251L*	ASX14 0301K*	ASX14 0311K*
CAPACITIES						
Nominal Cooling (BTU/h)	18,000	18,000	24,000	24,000	30,000	30,000
SEER / EER	14 / 12	14 / 12.2	14 / 12.2	14 / 12.2	14 / 12	14 / 12.2
Decibels	70	70	71	71	71	71
COMPRESSOR						
RLA	9.0	9.0	13.5	13.5	12.8	12.8
LRA	47.5	47.5	58.3	58.3	64	67.8
CONDENSER FAN MOTOR						
Horsepower	1/8	1/8	1/8	1/8	1/6	1/6
FLA	0.7	0.7	0.7	0.7	0.95	0.95
REFRIGERATION SYSTEM						
Refrigerant Line Size						
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Connection Size						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{3 4}	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	68	68	75	75	80	90
Shipped with Orifice Size	0.053	0.053	0.057	0.057	0.065	0.063
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ¹	12	12	17.6	17.6	17.0	17.0
Max. Overcurrent Protection ²	20 amps	20 amps	30 amps	30 amps	25 amps	25 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"					
Equipment Weight (lbs)	131	131	136	136	162	162
Ship Weight (lbs)	146	146	153	153	180	180

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

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

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

⁴ Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 5/8" to 1 1/4" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

PRODUCT SPECIFICATIONS

	ASX14 0361K*	ASX14 0371K*	ASX14 0421K*	ASX14 0431K*	ASX14 0481K*	ASX14 0601K*
CAPACITIES						
Nominal Cooling (BTU/h)	36,000	36,000	42,000	42,000	48,000	60,000
SEER / EER	14 / 12	14 / 12.2	14 / 12	14 / 12.2	14 / 11.7	14 / 11.7
Decibels	72	72	72	73	73	74
COMPRESSOR						
RLA	14.1	14.1	16.7	16.7	19.9	25.0
LRA	77	72.2	79	79	109	134
CONDENSER FAN MOTOR						
Horsepower	1/6	1/6	1/6	1/6	1/4	1/4
FLA	0.95	0.95	0.95	0.95	1.3	1.3
REFRIGERATION SYSTEM						
Refrigerant Line Size						
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{3 4}	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	81	81	93	93	101	120
Shipped with Orifice Size	0.068	0.071	0.074	0.074	0.078	0.088
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ¹	18.6	18.6	21.8	21.8	26.2	32.6
Max. Overcurrent Protection ²	30 amps	30 amps	35 amps	35 amps	45 amps	50 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"					
Equipment Weight (lbs)	162	162	189	189	220	260
Ship Weight (lbs)	180	180	207	207	242	280

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240.

For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

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

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

⁴ Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	525	MBh	18.1	18.4	18.9	-	18.0	18.2	18.8	-	17.5	17.8	18.3	-	16.7	17.0	17.5	-	15.7	16.0	16.5	-	14.8	15.1	15.6	-	14.8	15.1	15.6	-	14.8	15.1	15.6	-			
		S/T	0.65	0.57	0.44	-	0.65	0.58	0.45	-	0.68	0.60	0.47	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-	1.00	0.69	0.56	-			
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	21	19	15	-	21	19	15	-	21	19	15	-			
		KW	1.05	1.05	1.05	-	1.17	1.17	1.16	-	1.30	1.30	1.29	-	1.44	1.44	1.43	-	1.59	1.59	1.59	-	1.78	1.78	1.77	-	1.78	1.78	1.77	-	1.78	1.78	1.77	-			
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.6	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-			
		HI PR	240	241	242	-	277	278	280	-	316	318	319	-	359	360	362	-	404	405	407	-	453	454	456	-	453	454	456	-	453	454	456	-			
	LO PR	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	156	158	161	-	156	158	161	-				
	600	MBh	18.3	18.6	19.1	-	18.2	18.4	19.0	-	17.7	18.0	18.5	-	16.9	17.2	17.7	-	15.9	16.2	16.7	-	15.0	15.3	15.8	-	15.0	15.3	15.8	-	15.0	15.3	15.8	-			
		S/T	0.67	0.60	0.47	-	0.68	0.61	0.47	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-	1.00	0.72	0.59	-			
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-	20	18	14	-	20	18	14	-			
		KW	1.05	1.05	1.05	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.44	1.44	1.44	-	1.60	1.60	1.59	-	1.78	1.78	1.78	-	1.78	1.78	1.78	-	1.78	1.78	1.78	-			
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-	7.2	7.2	7.2	-			
HI PR		241	242	244	-	279	280	281	-	318	319	321	-	360	361	363	-	406	407	409	-	455	456	457	-	455	456	457	-	455	456	457	-				
LO PR	126	128	131	-	133	135	138	-	140	142	145	-	146	147	150	-	151	152	156	-	158	159	162	-	158	159	162	-	158	159	162	-					
675	MBh	18.7	18.9	19.5	-	18.5	18.8	19.3	-	18.1	18.3	18.9	-	17.3	17.5	18.1	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-	15.4	15.6	16.2	-	15.4	15.6	16.2	-				
	S/T	0.69	0.62	0.49	-	0.70	0.62	0.49	-	0.72	0.65	0.52	-	1.00	0.67	0.53	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	1.00	0.74	0.61	-	1.00	0.74	0.61	-				
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-				
	KW	1.06	1.06	1.06	-	1.18	1.17	1.17	-	1.30	1.30	1.30	-	1.45	1.44	1.44	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-	1.79	1.79	1.78	-	1.79	1.79	1.78	-				
	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.1	5.1	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	7.3	7.3	7.2	-	7.3	7.3	7.2	-				
	HI PR	243	244	246	-	281	282	283	-	320	321	323	-	362	363	365	-	408	409	411	-	457	458	459	-	457	458	459	-	457	458	459	-				
LO PR	128	130	133	-	136	137	141	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	160	162	165	-	160	162	165	-					
75	525	MBh	18.2	18.4	18.9	19.8	18.0	18.2	18.8	19.6	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4	14.8	15.1	15.6	16.4							
		S/T	0.77	0.70	0.57	0.43	0.78	0.70	0.57	0.43	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55	1.00	1.00	0.69	0.55							
		ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	15	24	22	18	14	25	23	19	16	25	23	19	16							
		KW	1.05	1.05	1.05	1.06	1.17	1.16	1.16	1.17	1.30	1.29	1.29	1.30	1.44	1.43	1.43	1.44	1.59	1.59	1.59	1.60	1.78	1.78	1.77	1.78	1.78	1.78	1.77	1.78							
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.6	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2							
		HI PR	240	241	243	247	277	278	280	284	317	318	319	324	359	360	362	366	405	406	407	411	453	454	456	460	453	454	456	460							
	LO PR	125	126	129	134	132	134	137	142	139	140	143	148	144	146	149	154	150	151	154	159	156	158	161	166	156	158	161	166								
	600	MBh	18.4	18.6	19.1	20.0	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	15.0	15.3	15.8	16.6							
		S/T	0.80	0.73	0.59	0.45	1.00	0.73	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.53	1.00	1.00	0.71	0.58	1.00	1.00	0.71	0.58							
		ΔT	23	21	18	14	23	21	18	14	24	22	18	14	23	21	18	14	23	21	17	14	24	22	19	15	24	22	19	15							
		KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.60	1.78	1.78	1.78	1.79	1.78	1.78	1.78	1.79							
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	7.2	7.2	7.2	7.3							
HI PR		241	242	244	248	279	280	282	286	318	319	321	325	360	361	363	367	406	407	409	413	455	456	457	462	455	456	457	462								
LO PR	126	128	131	136	133	135	138	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168	158	159	162	168									
675	MBh	18.7	19.0	19.5	20.3	18.5	18.8	19.3	20.2	18.1	18.3	18.9	19.7	17.3	17.5	18.1	18.9	16.3	16.5	17.1	17.9	15.4	15.6	16.2	17.0	15.4	15.6	16.2	17.0								
	S/T	0.82	0.74	0.61	0.47	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	1.00	0.68	0.54	1.00	1.00	0.73	0.59	1.00	1.00	0.73	0.59								
	ΔT	22	20	17	13	22	20	17	13	23	21	17	13	22	20	17	13	22	20	16	13	23	21	18	14	23	21	18	14								
	KW	1.06	1.06	1.06	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.79	1.78	1.78	1.79	1.79	1.78	1.78	1.79								
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.4	4.5	5.1	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3								
	HI PR	244	245	246	250	281	282	284	288	320	321	323	327	363	364	365	369	408	409	411	415	457	458	460	464	457	458	460	464								
LO PR	128	130	133	138	136	137	141	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	160	162	165	170									

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)

EXPANDED COOLING DATA — ASX140181L* + CA*F3636*6D* + EEP + TXV (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		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	525	18.2	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.6	17.9	18.4	19.2	16.8	17.1	17.6	18.4	15.8	16.1	16.6	17.4	14.9	15.2	15.7	16.5
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.69	0.56	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67
	ΔT	28	26	23	19	28	26	23	19	29	27	23	19	28	26	23	19	28	26	22	19	29	27	24	20
	KW	1.05	1.05	1.05	1.1	1.17	1.17	1.16	1.17	1.30	1.30	1.29	1.3	1.44	1.44	1.43	1.44	1.59	1.59	1.59	1.6	1.78	1.78	1.77	1.78
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.0	5.7	5.7	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2
	HI PR	240	241	243	247	278	279	281	285	317	318	320	324	359	360	362	366	405	406	408	412	454	455	456	461
LO PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	155	152	152	155	160	157	158	162	167	
600	MBh	18.4	18.7	19.2	20.0	18.3	18.5	19.1	19.9	17.8	18.1	18.6	19.4	17.0	17.3	17.8	18.6	16.0	16.3	16.8	17.6	15.1	15.4	15.9	16.7
	S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.72	0.58	1.00	0.88	0.75	0.6	1.00	1.00	0.76	0.63	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.70
	ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	27	25	22	18	28	27	23	19
	KW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.6	1.78	1.78	1.78	1.79
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3
	HI PR	242	243	244	249	279	280	282	286	319	320	321	325	361	362	364	368	406	408	409	413	455	456	458	462
LO PR	127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	
675	MBh	18.8	19.1	19.6	20.4	18.6	18.9	19.4	20.2	18.2	18.4	19.0	19.8	17.4	17.6	18.2	19.0	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1
	S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.60	1.00	0.89	0.76	0.6	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.71
	ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	26	24	21	17	28	26	22	18
	KW	1.06	1.06	1.06	1.1	1.18	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.45	1.44	1.44	1.45	1.60	1.60	1.60	1.6	1.79	1.78	1.78	1.79
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.4	4.5	5.1	5.1	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.2	7.3
	HI PR	244	245	247	251	281	282	284	288	321	322	323	328	363	364	366	370	409	410	411	416	457	458	460	464
LO PR	129	130	134	139	136	138	141	146	143	144	148	153	149	150	153	158	154	155	159	164	161	162	165	171	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	525	18.5	18.8	19.3	20.2	18.4	18.6	19.2	20.0	17.9	18.2	18.7	19.5	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.8
	S/T	1.00	0.92	0.79	0.65	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77
	ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	27	24
	KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.17	1.30	1.30	1.30	1.30	1.44	1.44	1.44	1.44	1.60	1.59	1.59	1.60	1.78	1.78	1.78	1.79
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3
	HI PR	241	242	244	248	279	280	282	286	318	319	321	325	361	362	363	367	406	407	409	413	455	456	458	462
LO PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	156	152	153	157	162	159	160	163	169	
600	MBh	18.7	19.0	19.5	20.4	18.6	18.8	19.4	20.2	18.1	18.4	18.9	19.7	17.3	17.6	18.1	18.9	16.3	16.6	17.1	17.9	15.4	15.7	16.2	17.0
	S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.71	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.75	1.00	1.00	1.00	0.80
	ΔT	31	29	26	22	31	29	26	22	32	30	26	22	31	29	26	22	31	29	26	22	32	30	27	23
	KW	1.06	1.06	1.06	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79
	Amps	3.9	3.9	3.9	3.9	4.5	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3
	HI PR	243	244	246	250	280	281	283	287	320	321	322	327	362	363	365	369	408	409	410	414	456	457	459	463
LO PR	128	130	133	138	136	137	141	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	
675	MBh	19.1	19.4	19.9	20.7	18.9	19.2	19.7	20.5	18.5	18.7	19.3	20.1	17.7	17.9	18.5	19.3	16.7	16.9	17.5	18.3	15.8	16.0	16.6	17.4
	S/T	1.00	0.96	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.81
	ΔT	30	28	25	21	30	28	25	21	31	29	25	21	30	28	25	21	30	28	25	21	31	29	26	22
	KW	1.06	1.06	1.06	1.07	1.18	1.18	1.17	1.18	1.31	1.31	1.30	1.31	1.45	1.45	1.44	1.45	1.60	1.60	1.60	1.61	1.79	1.79	1.79	1.79
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3
	HI PR	245	246	248	252	283	284	285	289	322	323	325	329	364	365	367	371	410	411	412	417	458	459	461	465
LO PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	160	166	163	164	167	172	

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																	
		65						75						85						95						105						115											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
70	550	MBh	18.1	18.4	18.9	-	18.0	18.2	18.8	-	17.5	17.8	18.3	-	16.7	17.0	17.5	-	15.7	16.0	16.5	-	14.8	15.1	15.6	-	15.7	16.0	16.5	-	14.8	15.1	15.6	-	15.7	16.0	16.5	-	14.8	15.1	15.6	-	
		S/T	0.65	0.57	0.44	-	0.65	0.58	0.45	-	0.68	0.60	0.47	-	1.00	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-	
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	21	19	15	-	19	18	14	-	21	19	15	-	19	18	14	-	21	19	15	-	
		KW	1.05	1.05	1.05	-	1.17	1.17	1.16	-	1.30	1.30	1.29	-	1.44	1.44	1.43	-	1.59	1.59	1.59	-	1.78	1.78	1.77	-	1.59	1.59	1.59	-	1.78	1.78	1.77	-	1.59	1.59	1.59	-	1.78	1.78	1.77	-	
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.6	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	
		HI PR	240	241	242	-	277	278	280	-	316	318	319	-	359	360	362	-	404	405	407	-	453	454	456	-	404	405	407	-	453	454	456	-	404	405	407	-	453	454	456	-	
	LO PR	125	126	129	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-		
	600	MBh	18.3	18.6	19.1	-	18.2	18.4	19.0	-	17.7	18.0	18.5	-	16.9	17.2	17.7	-	15.9	16.2	16.7	-	15.0	15.3	15.8	-	15.9	16.2	16.7	-	15.0	15.3	15.8	-	15.9	16.2	16.7	-	15.0	15.3	15.8	-	
		S/T	0.67	0.60	0.47	-	0.68	0.61	0.47	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-	
		KW	1.05	1.05	1.05	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.44	1.44	1.44	-	1.60	1.60	1.59	-	1.78	1.78	1.78	-	1.60	1.60	1.59	-	1.78	1.78	1.78	-	1.60	1.60	1.59	-	1.78	1.78	1.78	-	
		Amps	3.9	3.9	3.9	-	4.4	4.4	4.4	-	5.0	5.0	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	6.4	6.4	6.4	-	7.2	7.2	7.2	-	
HI PR		241	242	244	-	279	280	281	-	318	319	321	-	360	361	363	-	406	407	409	-	455	456	457	-	406	407	409	-	455	456	457	-	406	407	409	-	455	456	457	-		
LO PR	126	128	131	-	133	135	138	-	140	142	145	-	146	147	150	-	151	152	156	-	158	159	162	-	151	152	156	-	158	159	162	-	151	152	156	-	158	159	162	-			
675	MBh	18.7	18.9	19.5	-	18.5	18.8	19.3	-	18.1	18.3	18.9	-	17.3	17.5	18.1	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-		
	S/T	0.69	0.62	0.49	-	0.70	0.62	0.49	-	0.72	0.65	0.52	-	1.00	0.67	0.53	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-		
	ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	18	16	12	-	19	17	13	-	18	16	12	-	19	17	13	-		
	KW	1.06	1.06	1.06	-	1.18	1.17	1.17	-	1.30	1.30	1.30	-	1.45	1.44	1.44	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-	1.60	1.60	1.60	-	1.79	1.79	1.78	-		
	Amps	3.9	3.9	3.9	-	4.5	4.5	4.5	-	5.1	5.1	5.0	-	5.7	5.7	5.7	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-	6.4	6.4	6.4	-	7.3	7.3	7.2	-		
	HI PR	243	244	246	-	281	282	283	-	320	321	323	-	362	363	365	-	408	409	411	-	457	458	459	-	408	409	411	-	457	458	459	-	408	409	411	-	457	458	459	-		
LO PR	128	130	133	-	136	137	141	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-	153	155	158	-	160	162	165	-	153	155	158	-	160	162	165	-			
75	550	MBh	18.2	18.4	18.9	19.8	18.0	18.2	18.8	19.6	17.5	17.8	18.3	19.1	16.7	17.0	17.5	18.3	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4	15.7	16.0	16.5	17.3	14.8	15.1	15.6	16.4	
		S/T	0.77	0.70	0.57	0.43	0.78	0.70	0.57	0.43	0.80	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.80	0.69	0.55	1.00	0.77	0.64	0.50	1.00	0.80	0.69	0.55	1.00	0.77	0.64	0.50	1.00	0.80	0.69	0.55	
		ΔT	24	22	18	15	24	22	18	15	24	22	19	15	24	22	18	14	15	24	22	18	14	25	23	19	16	24	22	18	14	25	23	19	16	24	22	18	14	25	23	19	16
		KW	1.05	1.05	1.05	1.06	1.17	1.16	1.16	1.17	1.18	1.30	1.29	1.29	1.30	1.44	1.43	1.43	1.44	1.59	1.59	1.59	1.60	1.78	1.78	1.77	1.78	1.59	1.59	1.59	1.60	1.78	1.78	1.77	1.78	1.59	1.59	1.59	1.60	1.78	1.78	1.77	1.78
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.6	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2
		HI PR	240	241	243	247	277	278	280	284	284	317	318	319	324	359	360	362	366	405	406	407	411	453	454	456	460	405	406	407	411	453	454	456	460	405	406	407	411	453	454	456	460
	LO PR	125	126	129	134	132	134	137	142	142	139	140	143	148	144	146	149	154	150	151	154	159	156	158	161	166	150	151	154	159	156	158	161	166	150	151	154	159	156	158	161	166	
	600	MBh	18.4	18.6	19.1	20.0	18.2	18.4	19.0	19.8	17.7	18.0	18.5	19.3	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	15.9	16.2	16.7	17.5	15.0	15.3	15.8	16.6	
		S/T	0.80	0.73	0.59	0.45	1.00	0.73	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.53	1.00	0.80	0.71	0.58	1.00	0.77	0.66	0.53	1.00	0.80	0.71	0.58	1.00	0.77	0.66	0.53	1.00	0.80	0.71	0.58	
		ΔT	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	14	23	21	17	14	24	22	19	15	23	21	17	14	24	22	19	15	23	21	17	14	24	22	19	15
		KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.18	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.60	1.78	1.78	1.79	1.79	1.60	1.60	1.59	1.60	1.78	1.78	1.78	1.79	1.60	1.60	1.59	1.60	1.78	1.78	1.78	1.79
		Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3
HI PR		241	242	244	248	279	280	282	286	286	318	319	321	325	360	361	363	367	406	407	409	413	455	456	457	462	406	407	409	413	455	456	457	462	406	407	409	413	455	456	457	462	
LO PR	126	128	131	136	133	135	138	143	143	140	142	145	150	146	147	150	155	151	153	156	161	158	159	162	168	151	153	156	161	158	159	162	168	151	153	156	161	158	159	162	168		
675	MBh	18.7	19.0	19.5	20.3	18.5	18.8	19.3	20.2	18.1	18.3	18.9	19.7	17.3	17.5	18.1	18.9	16.3																									

EXPANDED COOLING DATA — ASX140191K* + CA*F3636*6** + EEP + TXV (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
550	MBh	18.2	18.5	19.0	19.8	18.1	18.3	18.9	19.7	17.6	17.9	18.4	19.2	16.8	17.1	17.6	18.4	15.8	16.1	16.6	17.4	14.9	15.2	15.7	16.5	
	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.69	0.56	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67	
	ΔT	28	26	23	19	28	26	23	19	29	27	23	19	28	26	23	19	28	26	22	19	29	27	24	20	
	KW	1.05	1.05	1.05	1.1	1.17	1.17	1.16	1.17	1.30	1.30	1.29	1.3	1.44	1.44	1.43	1.44	1.59	1.59	1.59	1.6	1.78	1.78	1.77	1.78	
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.0	5.7	5.7	5.6	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	
	HI PR	240	241	243	247	278	279	281	285	317	318	320	324	359	360	362	366	405	406	408	412	454	455	456	461	
	LO PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	155	152	152	155	160	157	158	162	167	
	600	MBh	18.4	18.7	19.2	20.0	18.3	18.5	19.1	19.9	17.8	18.1	18.6	19.4	17.0	17.3	17.8	18.6	16.0	16.3	16.8	17.6	15.1	15.4	15.9	16.7
		S/T	1.00	0.85	0.72	0.6	1.00	0.85	0.72	0.58	1.00	0.88	0.75	0.6	1.00	1.00	0.76	0.63	1.00	1.00	0.79	0.7	1.00	1.00	0.84	0.70
		ΔT	28	26	22	18	28	26	22	18	28	26	22	19	28	26	22	18	27	25	22	18	28	27	23	19
KW		1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.44	1.44	1.44	1.45	1.60	1.60	1.59	1.6	1.78	1.78	1.78	1.79	
Amps		3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	
HI PR		242	243	244	249	279	280	282	286	319	320	321	325	361	362	364	368	406	408	409	413	455	456	458	462	
LO PR		127	128	131	136	134	136	139	144	141	142	145	150	146	148	151	156	152	153	156	161	158	160	163	168	
675		MBh	18.8	19.1	19.6	20.4	18.6	18.9	19.4	20.2	18.2	18.4	19.0	19.8	17.4	17.6	18.2	19.0	16.4	16.6	17.2	18.0	15.5	15.7	16.3	17.1
		S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.60	1.00	0.89	0.76	0.6	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.71
		ΔT	27	25	21	17	27	25	21	17	27	25	21	18	27	25	21	17	26	24	21	17	28	26	22	18
	KW	1.06	1.06	1.06	1.1	1.18	1.17	1.17	1.18	1.30	1.30	1.30	1.3	1.45	1.44	1.44	1.45	1.60	1.60	1.60	1.6	1.79	1.78	1.78	1.79	
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.4	4.5	5.1	5.1	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	
	HI PR	244	245	247	251	281	282	284	288	321	322	323	328	363	364	366	370	409	410	411	416	457	458	460	464	
	LO PR	129	130	134	139	136	138	141	146	143	144	148	153	149	150	153	158	154	155	159	164	161	162	165	171	

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
550	MBh	18.5	18.8	19.3	20.2	18.4	18.6	19.2	20.0	17.9	18.2	18.7	19.5	17.1	17.4	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.5	16.0	16.8	
	S/T	1.00	0.92	0.79	0.65	1.00	1.00	0.79	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77	
	ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	27	24	
	KW	1.05	1.05	1.05	1.06	1.17	1.17	1.17	1.17	1.30	1.30	1.30	1.30	1.44	1.44	1.44	1.44	1.60	1.59	1.59	1.60	1.78	1.78	1.78	1.79	
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	
	HI PR	241	242	244	248	279	280	282	286	318	319	321	325	361	362	363	367	406	407	409	413	455	456	458	462	
	LO PR	127	128	132	137	134	136	139	144	141	143	146	151	147	148	151	156	152	153	157	162	159	160	163	169	
	600	MBh	18.7	19.0	19.5	20.4	18.6	18.8	19.4	20.2	18.1	18.4	18.9	19.7	17.3	17.6	18.1	18.9	16.3	16.6	17.1	17.9	15.4	15.7	16.2	17.0
		S/T	1.00	0.95	0.81	0.67	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.71	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.75	1.00	1.00	1.00	0.80
		ΔT	31	29	26	22	31	29	26	22	32	30	26	22	31	29	26	22	31	29	26	22	32	30	27	23
KW		1.06	1.06	1.05	1.06	1.17	1.17	1.17	1.18	1.30	1.30	1.30	1.31	1.44	1.44	1.44	1.45	1.60	1.60	1.60	1.61	1.78	1.78	1.78	1.79	
Amps		3.9	3.9	3.9	3.9	4.5	4.4	4.4	4.5	5.0	5.0	5.0	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.3	
HI PR		243	244	246	250	280	281	283	287	320	321	322	327	362	363	365	369	408	409	410	414	456	457	459	463	
LO PR		128	130	133	138	136	137	141	146	142	144	147	152	148	149	153	158	153	155	158	163	160	162	165	170	
675		MBh	19.1	19.4	19.9	20.7	18.9	19.2	19.7	20.5	18.5	18.7	19.3	20.1	17.7	17.9	18.5	19.3	16.7	16.9	17.5	18.3	15.8	16.0	16.6	17.4
		S/T	1.00	0.96	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.81
		ΔT	30	28	25	21	30	28	25	21	31	29	25	21	30	28	25	21	30	28	25	21	31	29	26	22
	KW	1.06	1.06	1.06	1.07	1.18	1.18	1.17	1.18	1.31	1.31	1.30	1.31	1.45	1.45	1.44	1.45	1.60	1.60	1.60	1.61	1.79	1.79	1.79	1.79	
	Amps	3.9	3.9	3.9	4.0	4.5	4.5	4.5	4.5	5.1	5.1	5.1	5.1	5.7	5.7	5.7	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.3	
	HI PR	245	246	248	252	283	284	285	289	322	323	325	329	364	365	367	371	410	411	412	417	458	459	461	465	
	LO PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	160	166	163	164	167	172	

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)

		Outdoor Ambient Temperature												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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		-2977		-2981		-2985		-2989		-2993		-2997		-3001		-3005		-3009		-3013		-3017		-3021		-3025		-3029		-3033		-3037		-3041		-3045		-3049		-3053		-3057		-3061		-3065		-3069		-3073		-3077		-3081		-3085		-3089		-3093		-3097		-3101		-3105		-3109		-3113		-3117		-3121		-3125		-3129		-3133		-3137		-3141		-3145		-3149		-3153		-3157		-3161		-3165		-3169		-3173		-3177		-3181		-3185		-3189		-3193		-3197		-3201		-3205		-3209		-3213		-3217		-3221		-3225		-3229		-3233		-3237		-3241		-3245		-3249		-3253		-3257		-3261		-3265		-3269		-3273		-3277		-3281		-3285		-3289		-3293		-3297		-3301		-3305		-3309		-3313		-3317		-3321		-3325		-3329		-3333		-3337		-3341		-3345		-3349		-3353		-3357		-3361		-3365		-3369		-3373		-3377		-3381		-3385		-3389		-3393		-3397		-3401		-3405		-3409		-3413		-3417		-3421		-3425		-3429		-3433		-3437		-3441		-3445		-3449		-3453		-3457		-3461		-3465		-3469		-3473		-3477		-3481		-3485		-3489		-3493		-3497		-3501		-3505		-3509		-3513		-3517		-3521		-3525		-3529		-3533		-3537		-3541		-3545		-3549		-3553		-3557		-3561		-3565		-3569		-3573		-3577		-3581		-3585		-3589		-3593		-3597		-3601		-3605		-3609		-3613		-3617		-3621		-3625		-3629		-3633		-3637		-3641		-3645		-3649		-3653		-3657		-3661		-3665		-3669		-3673		-3677		-3681		-3685		-3689		-3693		-3697		-3701		-3705		-3709		-3713		-3717		-3721		-3725		-3729		-3733		-3737		-3741		-3745		-3749		-3753		-3757		-3761	

EXPANDED COOLING DATA — ASX140241L* + CA*F3636*6** + EEP (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	MBh	24.0	24.4	25.1	26.2	23.8	24.2	24.9	26.0	23.2	23.6	24.3	25.3	22.2	22.5	23.2	24.3	20.9	21.2	21.9	23.0	19.7	20.0	20.7	21.8	
	S/T	1.0	0.8	0.7	0.5	1.0	0.8	0.7	0.5	1.0	0.8	0.7	0.6	1.0	0.9	0.7	0.6	1.0	1.0	1.0	0.7	0.6	1.0	1.0	0.8	0.7
	ΔT	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	28	26	23	19	30	28	24	20	
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.9	1.9	1.9	1.9	1.9	2.2	2.2	2.1	2.2	2.4	2.4	2.4	2.4
	Amps	5.2	5.2	5.2	5.2	5.9	5.9	5.9	6.0	6.7	6.7	6.7	6.8	7.6	7.6	7.6	7.7	8.6	8.6	8.6	8.6	9.8	9.8	9.8	9.9	
	HI PR	255	256	258	262	294	296	297	302	336	337	339	343	381	382	384	388	429	430	432	437	481	482	484	488	
LO PR	126	126	129	134	132	133	136	141	138	140	143	148	143	145	148	153	149	150	153	159	156	157	160	165		
80	MBh	24.5	24.8	25.5	26.6	24.3	24.6	25.3	26.4	23.7	24.0	24.7	25.8	22.6	22.9	23.6	24.7	21.3	21.6	22.3	23.4	20.1	20.4	21.2	22.2	
	S/T	1.0	0.8	0.7	0.6	1.0	0.8	0.7	0.6	1.0	0.9	0.7	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.7	
	ΔT	28	26	22	18	28	26	22	18	28	26	22	18	27	26	22	18	27	25	22	18	28	26	23	19	
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.9	1.9	1.9	2.0	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4
	Amps	5.2	5.2	5.2	5.3	6.0	5.9	5.9	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.9	9.8	9.8	9.9	
	HI PR	257	258	260	264	297	298	300	304	338	340	341	346	383	384	386	391	432	433	435	439	483	484	486	490	
LO PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	159	163	168		
900	MBh	25.0	25.3	26.1	27.1	24.8	25.1	25.8	26.9	24.2	24.5	25.2	26.3	23.1	23.5	24.2	25.2	21.8	22.2	22.9	23.9	20.6	21.0	21.7	22.8	
	S/T	1.0	0.8	0.7	0.6	1.0	0.9	0.7	0.6	1.0	0.9	0.7	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	
	ΔT	27	25	21	17	27	25	21	17	27	25	21	17	26	25	21	17	26	24	21	17	27	25	22	18	
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.8	1.8	1.7	1.8	1.9	1.9	1.9	2.0	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4
	Amps	5.2	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9	
	HI PR	260	261	262	267	299	300	302	307	341	342	344	348	386	387	389	393	434	435	437	441	486	487	489	493	
LO PR	129	131	134	139	136	138	141	146	143	144	148	153	148	150	153	158	154	155	158	164	161	162	165	170		

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
700	MBh	24.4	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	24.0	24.7	25.7	22.6	22.9	23.6	24.7	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2	
	S/T	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	1.0	0.8	
	ΔT	33	31	27	23	32	31	27	23	33	31	27	23	32	31	27	23	32	30	27	23	33	31	28	24	2.4
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.9	1.9	1.9	1.9	1.9	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4
	Amps	5.2	5.2	5.2	5.2	5.9	5.9	5.9	6.0	6.8	6.8	6.7	6.8	7.7	7.6	7.6	7.7	8.7	8.7	8.6	8.7	9.8	9.8	9.8	9.9	
	HI PR	256	257	259	263	296	297	299	303	337	338	340	345	382	383	385	389	430	432	433	438	482	483	485	489	
LO PR	126	127	131	136	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	160	157	159	162	167		
800	MBh	24.9	25.2	25.9	27.0	24.7	25.0	25.7	26.8	24.1	24.4	25.1	26.2	23.0	23.3	24.0	25.1	21.7	22.0	22.7	23.8	20.5	20.8	21.5	22.6	
	S/T	1.0	0.9	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	
	ΔT	31	29	26	22	31	29	26	22	32	30	26	22	31	29	26	22	31	29	25	22	32	30	27	23	
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.8	1.8	1.7	1.8	1.9	1.9	1.9	2.0	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4
	Amps	5.2	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.7	9.9	9.9	9.9	9.9	
	HI PR	258	259	261	266	298	299	301	305	340	341	343	347	384	386	387	392	433	434	436	440	484	486	487	492	
LO PR	128	130	133	138	136	137	140	145	142	144	147	152	148	149	152	157	153	154	158	163	160	161	164	170		
900	MBh	25.4	25.7	26.4	27.5	25.2	25.5	26.2	27.3	24.6	24.9	25.6	26.7	23.5	23.9	24.6	25.6	22.2	22.6	23.3	24.3	21.0	21.4	22.1	23.2	
	S/T	1.0	0.9	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	
	ΔT	30	28	25	21	30	28	25	21	31	29	25	21	30	28	25	21	30	28	24	21	31	29	26	22	
	kW	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4
	Amps	5.3	5.3	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.7	7.7	7.7	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	9.9	
	HI PR	261	262	264	268	300	302	303	308	342	343	345	349	387	388	390	394	435	436	438	443	487	488	490	494	
LO PR	131	132	135	141	138	140	143	148	145	146	149	155	150	152	155	160	156	157	160	165	162	164	167	172		

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																		
		65						75						85						95						105						115												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71											
70	AIRFLOW	24.5	24.9	25.6	-	24.3	24.7	25.4	-	23.7	24.0	24.7	-	22.6	22.9	23.7	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-			
	MBh	0.63	0.56	0.43	-	0.63	0.56	0.43	-	0.66	0.59	0.46	-	0.68	0.60	0.48	-	1.00	0.62	0.50	-	1.00	0.67	0.55	-	1.00	0.62	0.50	-	1.00	0.67	0.55	-	1.00	0.62	0.50	-	1.00	0.67	0.55	-			
	S/T	20	18	15	-	20	18	15	-	21	19	15	-	20	18	15	-	20	18	14	-	21	19	16	-	20	18	14	-	21	19	16	-	20	18	14	-	21	19	16	-			
	ΔT	1.41	1.40	1.40	-	1.57	1.57	1.57	-	1.75	1.75	1.75	-	1.95	1.95	1.95	-	2.17	2.17	2.17	-	2.43	2.43	2.43	-	2.17	2.17	2.17	-	2.43	2.43	2.43	-	2.17	2.17	2.17	-	2.43	2.43	2.43	-			
	KW	5.3	5.3	5.2	-	6.0	6.0	6.0	-	6.9	6.8	6.8	-	7.8	7.8	7.7	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-			
	Amps	253	254	256	-	293	294	296	-	334	335	337	-	379	380	382	-	427	428	430	-	478	480	481	-	427	428	430	-	478	480	481	-	427	428	430	-	478	480	481	-			
	HI PR	121	123	126	-	128	130	133	-	135	136	139	-	140	142	145	-	145	147	150	-	152	153	156	-	140	142	145	-	145	147	150	-	140	142	145	-	145	147	150	-			
	LO PR	25.0	25.3	26.0	-	24.8	25.1	25.8	-	24.1	24.5	25.2	-	23.0	23.4	24.1	-	21.7	22.1	22.8	-	20.5	20.8	21.6	-	23.0	23.4	24.1	-	21.7	22.1	22.8	-	23.0	23.4	24.1	-	21.7	22.1	22.8	-			
	MBh	0.66	0.59	0.46	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-			
	S/T	19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-			
	ΔT	1.41	1.41	1.41	-	1.58	1.58	1.57	-	1.76	1.76	1.76	-	1.96	1.96	1.96	-	2.18	2.18	2.18	-	2.44	2.44	2.44	-	1.96	1.96	1.96	-	2.18	2.18	2.18	-	1.96	1.96	1.96	-	2.18	2.18	2.18	-			
	KW	5.3	5.3	5.3	-	6.1	6.0	6.0	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-			
Amps	255	257	258	-	295	296	298	-	337	338	339	-	381	382	384	-	429	430	432	-	481	482	484	-	337	338	339	-	381	382	384	-	337	338	339	-	381	382	384	-				
HI PR	123	125	128	-	131	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	137	138	141	-	142	144	147	-	137	138	141	-	142	144	147	-				
LO PR	25.5	25.9	26.6	-	25.3	25.6	26.4	-	24.7	25.0	25.7	-	23.6	23.9	24.6	-	22.3	22.6	23.3	-	21.0	21.4	22.1	-	24.7	25.0	25.7	-	23.6	23.9	24.6	-	24.7	25.0	25.7	-	23.6	23.9	24.6	-				
MBh	0.67	0.60	0.47	-	0.68	0.60	0.48	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-				
S/T	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-	19	17	13	-				
ΔT	1.42	1.42	1.42	-	1.59	1.58	1.58	-	1.77	1.77	1.76	-	1.97	1.97	1.96	-	2.19	2.19	2.19	-	2.45	2.45	2.45	-	1.77	1.77	1.76	-	1.97	1.97	1.96	-	1.77	1.77	1.76	-	1.97	1.97	1.96	-				
KW	5.3	5.3	5.3	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-				
Amps	258	259	261	-	298	299	300	-	339	340	342	-	384	385	387	-	432	433	435	-	483	484	486	-	298	299	300	-	339	340	342	-	298	299	300	-	339	340	342	-				
HI PR	126	127	130	-	133	135	138	-	140	141	144	-	145	146	149	-	150	152	155	-	157	158	161	-	140	141	144	-	145	146	149	-	140	141	144	-	145	146	149	-				
LO PR	24.5	24.9	25.6	26.7	24.3	24.7	25.4	26.5	23.7	24.0	24.8	25.9	22.6	23.0	23.7	24.8	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2	23.7	24.0	24.8	25.9	22.6	23.0	23.7	24.8	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2				
MBh	0.75	0.68	0.55	0.42	0.76	0.68	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.80	0.67	0.53	0.71	0.61	0.48	1.00	0.76	0.63	0.50	1.00	0.78	0.65	0.52	1.00	1.00	0.70	0.57					
S/T	25	23	19	15	25	23	19	15	25	23	19	15	25	23	19	15	24	23	21	18	25	23	19	15	25	23	19	15	24	22	18	14	23	21	18	14	25	23	19	15				
ΔT	1.40	1.40	1.40	1.41	1.57	1.57	1.56	1.58	1.75	1.75	1.75	1.76	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.18	2.43	2.43	2.43	2.44	1.75	1.75	1.75	1.76	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.19	2.44	2.44	2.44	2.45				
KW	5.3	5.2	5.2	5.3	6.0	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.7	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0				
Amps	253	254	256	261	293	294	296	300	334	335	337	342	379	380	382	386	427	428	430	434	479	480	481	486	293	294	296	300	334	335	337	342	379	380	382	386	427	428	430	434	479	480	481	486
HI PR	121	123	126	131	128	130	133	138	135	136	139	144	140	142	145	150	145	147	150	155	152	153	157	162	121	123	126	131	128	130	133	138	140	142	145	150	152	155	157	158	161	162		
LO PR	25.0	25.3	26.1	27.2	24.8	25.1	25.8	26.9	24.1	24.5	25.2	26.3	23.1	23.4	24.1	25.2	21.7	22.1	22.8	23.9	20.5	20.9	21.6	22.7	24.1	24.5	25.2	26.3	23.1	23.4	24.1	25.2	21.7	22.1	22.8	23.9	20.5	20.9	21.6	22.7				
MBh	0.78	0.71	0.58	0.45	0.79	0.72	0.59	0.46	1.00	0.74	0.61	0.48	1.00	0.76	0.63	0.50	1.00	0.78	0.65	0.52	1.00	1.00	0.70	0.57	0.74	0.61	0.48	1.00	0.76	0.63	0.50	1.00	0.78	0.65	0.52	1.00	1.00	0.70	0.57					
S/T	24	22	18	14	24	22	18	14	24	22	18	14	24	22	18	14	23	21	18	14	25	23	19	15	24	22	18	14	24	22	18	14	23	21	18	14	25	23	19	15				
ΔT	1.41	1.41	1.41	1.42	1.58	1.58	1.57	1.59	1.76	1.76	1.76	1.77	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.19	2.44	2.44	2.44	2.45	1.76	1.76	1.76	1.77	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.19	2.44	2.44	2.44	2.45				
KW	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0				
Amps	256	257	259	263	295	296	298	303	337	338	340	344	381	383	384	389	430	431	432	437	481	482	484	488	295	296	298	303	337	338	340	344	381	383	384	389	430	431	432	437	481	482	484	488
HI PR	123	125	128	133	131	132	135	140	137	138	141	147	142	144	147	152	148	149	152	157	154	156	159	164	123	125	128	133	131	132	135	140	142	144	147	152	154	156	159	164				
LO PR	25.5	25.9	26.6	27.7	25.3	25.7	26.4	27.5	24.7	25.0	25.8	26.9	23.6	23.9	24.7	25.8	22.3	22.6	23.3	24.4	21.1	21.4	22.1	23.2	25.0	25.3	26.0	27.1	23.6	23														

EXPANDED COOLING DATA — ASX140251L* + CA*F3636*6** + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	700	MBh	24.7	25.0	25.7	26.8	24.5	24.8	25.5	26.6	23.8	24.2	24.9	26.0	22.7	23.1	23.8	24.9	21.4	21.7	22.5	23.6	20.2	20.5	21.3	22.4
		S/T	0.87	0.80	0.67	0.5	1.00	0.80	0.67	0.54	1.00	0.83	0.70	0.6	1.00	0.84	0.72	0.58	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.65
		ΔT	29	27	23	20	29	27	23	20	29	27	24	20	29	27	23	20	29	27	23	19	30	28	24	21
		KW	1.41	1.40	1.40	1.4	1.57	1.57	1.57	1.58	1.75	1.75	1.75	1.8	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.2	2.43	2.43	2.43	2.44
		Amps	5.3	5.3	5.2	5.3	6.0	6.0	6.0	6.1	6.9	6.8	6.8	6.9	7.8	7.8	7.7	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0
	HI PR	254	255	257	261	293	294	296	301	335	336	338	342	380	381	382	387	428	429	431	435	479	480	482	486	
	LO PR	122	123	126	131	129	130	133	139	135	137	140	145	141	142	145	150	146	147	150	156	153	154	157	162	
	MBh	25.1	25.5	26.2	27.3	24.9	25.2	26.0	27.1	24.3	24.6	25.3	26.4	23.2	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	21.0	21.7	22.8	
	S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.6	1.00	0.88	0.75	0.62	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.69	
	ΔT	28	26	22	18	28	26	22	18	28	26	23	19	28	26	22	18	28	26	22	18	29	27	23	19	
KW	1.41	1.41	1.41	1.4	1.58	1.58	1.57	1.59	1.76	1.76	1.76	1.8	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.2	2.44	2.44	2.44	2.45		
Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.0		
HI PR	256	257	259	263	296	297	299	303	337	338	340	344	382	383	385	389	430	431	433	437	481	483	484	489		
LO PR	124	125	128	133	131	133	136	141	138	139	142	147	143	144	147	152	148	150	153	158	155	156	159	164		
MBh	25.7	26.0	26.7	27.8	25.4	25.8	26.5	27.6	24.8	25.2	25.9	27.0	23.7	24.1	24.8	25.9	22.4	22.7	23.5	24.6	21.2	21.5	22.2	23.3		
S/T	1.00	0.84	0.71	0.6	1.00	0.84	0.72	0.58	1.00	0.87	0.74	0.6	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.69		
ΔT	27	25	21	17	27	25	21	17	27	25	22	18	27	25	21	17	27	25	21	17	28	26	22	18		
KW	1.42	1.42	1.42	1.4	1.58	1.58	1.58	1.59	1.77	1.77	1.76	1.8	1.97	1.97	1.96	1.98	2.19	2.19	2.19	2.2	2.45	2.45	2.45	2.46		
Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1		
HI PR	259	260	261	266	298	299	301	305	340	341	343	347	384	385	387	392	433	434	435	440	484	485	487	491		
LO PR	126	128	131	136	134	135	138	143	140	142	145	150	145	147	150	155	151	152	155	160	157	159	162	167		

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	700	MBh	25.1	25.4	26.1	27.2	24.9	25.2	25.9	27.0	24.2	24.6	25.3	26.4	23.1	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	20.9	21.7	22.8
		S/T	1.00	0.89	0.76	0.63	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.66	1.00	1.00	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00	1.00	0.75
		ΔT	33	31	27	24	33	31	27	23	33	31	28	24	33	31	27	23	33	31	27	23	34	32	28	24
		KW	1.41	1.41	1.40	1.42	1.57	1.57	1.57	1.58	1.76	1.76	1.75	1.76	1.96	1.95	1.95	1.96	2.18	2.18	2.17	2.19	2.44	2.44	2.43	2.45
		Amps	5.3	5.3	5.3	5.3	6.0	6.0	6.0	6.1	6.9	6.9	6.8	6.9	7.8	7.8	7.8	7.8	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.0
	HI PR	255	256	258	262	295	296	297	302	336	337	339	343	381	382	384	388	429	430	432	436	480	481	483	488	
	LO PR	123	125	128	133	131	132	135	140	137	139	142	147	142	144	147	152	148	149	152	157	154	156	159	164	
	MBh	25.5	25.9	26.6	27.7	25.3	25.6	26.4	27.5	24.7	25.0	25.7	26.8	23.6	23.9	24.7	25.8	22.3	22.6	23.3	24.4	21.0	21.4	22.1	23.2	
	S/T	1.00	0.93	0.80	0.66	1.00	0.93	0.80	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.78	
	ΔT	32	30	26	22	32	30	26	22	32	30	26	23	32	30	26	22	32	30	26	22	33	31	27	23	
KW	1.42	1.42	1.41	1.42	1.58	1.58	1.58	1.59	1.76	1.76	1.76	1.77	1.96	1.96	1.96	1.97	2.19	2.18	2.18	2.19	2.45	2.44	2.44	2.45		
Amps	5.3	5.3	5.3	5.3	6.1	6.1	6.0	6.1	6.9	6.9	6.9	6.9	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1		
HI PR	257	258	260	265	297	298	300	304	338	339	341	346	383	384	386	390	431	432	434	438	483	484	485	490		
LO PR	126	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	151	154	160	157	158	161	166		
MBh	26.1	26.4	27.1	28.2	25.9	26.2	26.9	28.0	25.2	25.6	26.3	27.4	24.1	24.5	25.2	26.3	22.8	23.1	23.9	25.0	21.6	21.9	22.7	23.8		
S/T	1.00	0.93	0.81	0.67	1.00	1.00	0.81	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.85	0.72	1.00	1.00	0.87	0.74	1.00	1.00	1.00	0.79		
ΔT	31	29	25	21	31	29	25	21	31	29	25	22	31	29	25	21	31	29	25	21	32	30	26	22		
KW	1.42	1.42	1.42	1.43	1.59	1.59	1.58	1.60	1.77	1.77	1.77	1.78	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.45	2.45	2.45	2.46		
Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.9	8.9	8.8	8.9	10.1	10.0	10.0	10.1		
HI PR	260	261	263	267	299	300	302	307	341	342	344	348	386	387	388	393	434	435	437	441	485	486	488	492		
LO PR	128	130	133	138	136	137	140	145	142	143	146	151	147	149	152	157	153	154	157	162	159	161	164	169		

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	AIRFLOW	29.3	29.7	30.6	31.4	29.0	29.5	30.3	31.2	28.3	28.7	29.6	30.4	27.0	27.4	28.2	29.0	25.3	25.8	26.6	27.4	23.9	24.3	25.2	-	-	-	-	-	-	-	-					
	MBh	0.59	0.52	0.38	0.44	0.60	0.52	0.39	0.45	0.62	0.55	0.42	0.47	1.00	0.57	0.43	0.49	1.00	0.59	0.46	0.57	1.00	0.64	0.51	-	-	-	-	-	-	-	-					
	S/T	20	18	15	13	20	18	15	13	20	18	15	13	20	18	15	13	20	18	14	15	21	19	15	-	-	-	-	-	-	-	-					
	ΔT	1.76	1.75	1.75	1.76	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.18	2.41	2.41	2.41	2.42	2.68	2.68	2.67	2.67	2.99	2.99	2.99	-	-	-	-	-	-	-	-					
	KW	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	-	-	-	-	-	-	-	-					
	Amps	250	251	252	254	289	290	292	294	330	331	333	335	375	376	377	379	422	424	425	425	474	475	476	-	-	-	-	-	-	-	-					
	HI PR	124	125	128	130	131	133	136	142	138	139	142	144	145	145	148	148	149	150	154	154	156	157	160	-	-	-	-	-	-	-	-					
	LO PR	29.7	30.1	31.0	31.4	29.4	29.8	30.7	31.2	28.7	29.1	29.9	30.4	27.8	27.8	28.6	29.1	25.7	26.1	27.0	27.0	24.3	24.7	25.6	-	-	-	-	-	-	-	-					
	MBh	0.65	0.58	0.44	0.48	0.66	0.58	0.45	0.48	0.68	0.61	0.47	0.47	1.00	0.63	0.49	0.49	1.00	0.65	0.51	0.51	1.00	0.70	0.56	-	-	-	-	-	-	-	-					
	S/T	19	17	13	13	19	17	13	13	19	17	14	14	18	16	12	12	18	17	13	13	20	18	14	-	-	-	-	-	-	-	-					
ΔT	1.77	1.77	1.76	1.76	1.96	1.96	1.96	1.96	2.18	2.18	2.18	2.18	2.42	2.42	2.42	2.42	2.69	2.69	2.68	2.68	3.00	3.00	3.00	-	-	-	-	-	-	-	-						
KW	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.6	12.1	12.1	12.1	-	-	-	-	-	-	-	-						
Amps	252	253	254	254	291	292	294	294	332	333	335	335	377	378	379	379	425	426	427	427	476	477	478	-	-	-	-	-	-	-	-						
HI PR	125	127	130	132	133	135	138	144	140	141	144	144	145	145	147	150	151	152	155	155	157	159	162	-	-	-	-	-	-	-	-	-					
LO PR	30.1	30.6	31.4	31.4	29.9	30.3	31.2	31.2	29.1	29.5	30.4	30.4	27.8	28.2	29.1	29.1	26.2	26.6	27.5	27.5	24.7	25.1	26.0	-	-	-	-	-	-	-	-						
MBh	0.68	0.61	0.48	0.48	0.69	0.61	0.48	0.48	0.71	0.64	0.51	0.51	1.00	0.66	0.53	0.53	1.00	0.68	0.55	0.55	1.00	0.73	0.60	-	-	-	-	-	-	-	-						
S/T	18	16	13	13	18	16	12	12	18	16	13	13	18	16	12	12	17	16	12	12	19	17	13	-	-	-	-	-	-	-	-						
ΔT	1.78	1.77	1.77	1.77	1.97	1.97	1.97	1.97	2.19	2.19	2.19	2.19	2.43	2.43	2.43	2.43	2.70	2.70	2.69	2.69	3.01	3.01	3.01	-	-	-	-	-	-	-	-						
KW	6.5	6.5	6.4	6.4	7.4	7.4	7.3	7.3	8.4	8.4	8.3	8.3	9.5	9.5	9.4	9.4	10.7	10.7	10.7	10.7	12.1	12.1	12.1	-	-	-	-	-	-	-	-						
Amps	254	255	257	257	293	294	296	296	334	335	337	337	379	380	382	382	427	428	429	429	478	479	481	-	-	-	-	-	-	-	-	-					
HI PR	128	129	132	132	135	137	140	140	142	143	146	146	147	149	152	152	153	154	157	157	160	161	164	-	-	-	-	-	-	-	-	-					
LO PR	29.3	29.7	30.6	31.9	29.1	29.5	30.3	31.7	28.3	28.7	29.6	30.9	27.0	27.4	28.3	29.6	25.4	25.8	26.7	28.0	23.9	24.3	25.2	-	-	-	-	-	-	-	-	-					
MBh	0.72	0.64	0.51	0.37	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	1.00	0.63	0.49	-	-	-	-	-	-	-	-					
S/T	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16	-	-	-	-	-	-	-	-					
ΔT	1.76	1.75	1.75	1.77	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.18	2.41	2.41	2.41	2.42	2.68	2.68	2.67	2.69	2.99	2.99	2.99	-	-	-	-	-	-	-	-	-					
KW	6.4	6.4	6.3	6.4	7.3	7.3	7.2	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.3	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	-	-	-	-	-	-	-	-	-					
Amps	250	251	253	257	289	290	292	296	330	331	333	338	375	376	378	382	423	424	425	430	474	475	477	-	-	-	-	-	-	-	-	-	-				
HI PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	154	159	156	157	160	-	-	-	-	-	-	-	-	-	-				
LO PR	29.7	30.1	31.0	32.3	29.4	29.9	30.7	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.6	30.0	25.8	26.2	27.0	28.4	24.3	24.7	25.6	-	-	-	-	-	-	-	-	-					
MBh	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	1.00	0.69	0.55	-	-	-	-	-	-	-	-					
S/T	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	24	22	18	15	-	-	-	-	-	-	-	-					
ΔT	1.77	1.76	1.76	1.78	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.19	2.42	2.42	2.42	2.43	2.69	2.69	2.68	2.70	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-				
KW	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.6	10.6	10.6	10.7	12.1	12.1	12.0	-	-	-	-	-	-	-	-	-	-				
Amps	252	253	255	259	291	292	294	298	332	334	335	340	377	378	380	384	425	426	428	432	476	477	479	-	-	-	-	-	-	-	-	-	-				
HI PR	126	127	130	135	133	135	138	143	140	141	144	150	145	147	150	155	151	152	155	161	158	159	162	-	-	-	-	-	-	-	-	-	-				
LO PR	30.2	30.6	31.5	32.8	29.9	30.3	31.2	32.5	29.1	29.6	30.4	31.8	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.2	26.0	-	-	-	-	-	-	-	-	-	-				
MBh	0.81	0.73	0.60	0.46	1.00	0.74	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	1.00	0.72	0.58	-	-	-	-	-	-	-	-					
S/T	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14	-	-	-	-	-	-	-	-	-				
ΔT	1.77	1.77	1.77	1.78	1.97	1.97	1.97	1.98	2.19	2.19	2.19	2.20	2.43	2.43	2.43	2.44	2.70	2.70	2.69	2.71	3.01	3.01	3.00	-	-	-	-	-	-	-	-	-	-				
KW	6.5	6.4	6.4	6.5	7.4	7.4	7.3	7.4	8.4	8.4	8.3	8.4	9.5	9.5	9.4	9.5	10.7	10.7	10.7	10.7	12.1	12.1	12.1	-	-	-	-	-	-	-	-	-	-				
Amps	254	255	257	261	293	294	296	300	335	336	337	342	379	380	382	386	427	428	430	434	478	479	481	-	-	-	-	-	-	-	-	-	-	-			
HI PR	128	129	132	137	135	137	140	145	142	143	146	152	147	149	152	157	153	154	157	163	160	161	164	-	-	-	-	-	-	-	-	-	-	-			
LO PR	29.7	30.1	31.0	32.3	29.4	29.9	30.7	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.6	30.0	25.8	26.2	27.0	28.4	24.3	24.7	25.6	-	-	-	-	-	-	-	-	-	-				

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)

EXPANDED COOLING DATA — ASX140301K* + CA*F3642*6** + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	875	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.4	28.9	29.7	31.1	27.1	27.5	28.4	29.8	25.5	25.9	26.8	28.1	24.0	24.5	25.3	26.7
		S/T	1.00	0.77	0.63	0.5	1.00	0.77	0.64	0.50	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.54	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.61
		ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	23	20
		KW	1.76	1.75	1.75	1.8	1.95	1.95	1.95	1.96	2.17	2.17	2.17	2.2	2.41	2.41	2.41	2.42	2.68	2.68	2.67	2.7	2.99	2.99	2.99	3.00
		Amps	6.4	6.4	6.3	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.6	12.0	12.0	12.0	12.1
	1000	HI PR	250	251	253	257	290	291	292	297	331	332	334	338	375	376	378	382	423	424	426	430	474	475	477	481
		LO PR	124	126	129	134	132	133	136	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166
		MBh	29.9	30.3	31.1	32.5	29.6	30.0	30.9	32.2	28.8	29.2	30.1	31.5	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	24.4	24.8	25.7	27.1
		S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.6	1.00	1.00	0.74	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67
		ΔT	27	25	22	18	27	25	21	18	27	25	22	18	27	25	21	18	26	25	21	18	28	26	22	19
1125	KW	1.77	1.76	1.76	1.8	1.96	1.96	1.96	1.97	2.18	2.18	2.18	2.2	2.42	2.42	2.42	2.43	2.69	2.69	2.68	2.7	3.00	3.00	3.00	3.01	
	Amps	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.6	10.6	10.6	10.7	12.1	12.1	12.0	12.1	
	HI PR	252	253	255	259	292	293	295	299	333	334	336	340	377	378	380	385	425	426	428	432	476	477	479	484	
	LO PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	160	163	168	
	MBh	30.3	30.7	31.6	32.9	30.1	30.5	31.3	32.7	29.3	29.7	30.6	31.9	28.0	28.4	29.3	30.6	26.4	26.8	27.7	29.0	24.9	25.3	26.2	27.5	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	875	MBh	30.0	30.4	31.3	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.6	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.5	25.0	25.8	27.2
		S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71
		ΔT	31	30	26	23	31	30	26	23	32	30	26	23	31	30	26	23	31	29	26	22	32	30	27	24
		KW	1.76	1.76	1.76	1.77	1.96	1.96	1.95	1.97	2.18	2.18	2.17	2.19	2.42	2.41	2.41	2.43	2.68	2.68	2.68	2.69	3.00	2.99	2.99	3.01
		Amps	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.6	10.6	10.6	10.7	12.0	12.0	12.0	12.1
	1000	HI PR	251	252	254	259	291	292	294	298	332	333	335	339	376	377	379	384	424	425	427	431	475	476	478	483
		LO PR	126	128	131	136	134	135	138	144	140	142	145	150	146	147	150	156	151	153	156	161	158	160	163	168
		MBh	30.0	31.0	32.0	33.0	30.0	30.0	31.0	33.0	29.0	30.0	31.0	32.0	28.0	28.0	29.0	31.0	26.0	27.0	28.0	29.0	25.0	25.0	26.0	28.0
		S/T	1.00	0.92	0.79	0.65	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77
		ΔT	30	29	25	22	30	29	25	22	31	29	25	22	30	28	25	22	30	28	25	21	31	29	26	22
1125	KW	1.77	1.77	1.77	1.78	1.97	1.97	1.96	1.98	2.19	2.19	2.18	2.20	2.43	2.42	2.42	2.44	2.69	2.69	2.69	2.70	3.01	3.00	3.00	3.02	
	Amps	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.7	10.7	10.6	10.7	12.1	12.1	12.1	12.1	
	HI PR	253	255	256	261	293	294	296	300	334	335	337	341	379	380	381	386	426	427	429	434	477	479	480	485	
	LO PR	128	129	133	138	135	137	140	145	142	144	147	152	148	149	152	158	153	155	158	163	160	161	165	170	
	MBh	31.0	31.0	32.0	33.0	31.0	31.0	32.0	33.0	30.0	30.0	31.0	32.0	28.0	29.0	30.0	31.0	27.0	27.0	28.0	29.0	25.0	26.0	27.0	28.0	

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	875	MBh	29.1	29.5	30.4	-	28.8	29.2	30.1	-	28.1	28.5	29.4	-	26.8	27.2	28.0	-	25.2	25.6	26.5	-	23.7	24.1	25.0	-	23.7	24.1	25.0	-	23.7	24.1	25.0	-			
		S/T	0.63	0.55	0.41	-	0.63	0.56	0.42	-	0.66	0.58	0.44	-	0.68	0.60	0.46	-	1.00	0.62	0.48	-	1.00	0.68	0.54	-	1.00	0.68	0.54	-	1.00	0.68	0.54	-			
		ΔT	20	18	15	-	20	18	15	-	20	19	15	-	20	18	15	-	20	18	15	-	21	19	16	-	21	19	16	-	21	19	16	-			
		KW	1.72	1.72	1.72	-	1.91	1.91	1.91	-	2.13	2.12	2.12	-	2.36	2.35	2.35	-	2.61	2.61	2.61	-	2.92	2.92	2.91	-	2.92	2.92	2.91	-	2.92	2.92	2.91	-			
		Amps	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.0	8.0	-	9.1	9.1	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-			
		HI PR	244	245	247	-	282	283	285	-	323	324	325	-	366	367	369	-	413	414	416	-	463	464	466	-	463	464	466	-	463	464	466	-			
	LO PR	123	124	127	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	154	156	159	-	154	156	159	-				
	1000	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-	24.1	24.5	25.4	-	24.1	24.5	25.4	-			
		S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.72	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.74	0.60	-	1.00	0.74	0.60	-			
		ΔT	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	15	-	20	18	15	-	20	18	15	-			
		KW	1.73	1.73	1.73	-	1.92	1.92	1.92	-	2.14	2.13	2.13	-	2.37	2.36	2.36	-	2.62	2.62	2.62	-	2.93	2.93	2.92	-	2.93	2.93	2.92	-	2.93	2.93	2.92	-			
		Amps	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.1	8.1	-	9.2	9.2	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-	11.7	11.7	11.7	-			
HI PR		246	247	249	-	284	286	287	-	325	326	328	-	368	369	371	-	415	416	418	-	465	466	468	-	465	466	468	-	465	466	468	-				
LO PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	149	-	149	151	154	-	156	158	161	-	156	158	161	-	156	158	161	-					
1125	MBh	29.9	30.3	31.2	-	29.7	30.1	31.0	-	28.9	29.3	30.2	-	27.6	28.0	28.9	-	26.0	26.4	27.3	-	24.6	25.0	25.8	-	24.6	25.0	25.8	-	24.6	25.0	25.8	-				
	S/T	0.73	0.65	0.51	-	0.73	0.65	0.51	-	0.76	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.72	0.58	-	1.00	0.78	0.63	-	1.00	0.78	0.63	-	1.00	0.78	0.63	-				
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	19	17	14	-	19	17	14	-	19	17	14	-				
	KW	1.74	1.74	1.73	-	1.93	1.93	1.92	-	2.14	2.14	2.14	-	2.37	2.37	2.37	-	2.63	2.63	2.63	-	2.94	2.93	2.93	-	2.94	2.93	2.93	-	2.94	2.93	2.93	-				
	Amps	6.3	6.3	6.3	-	7.2	7.2	7.1	-	8.1	8.1	8.1	-	9.2	9.2	9.2	-	10.4	10.4	10.4	-	11.8	11.8	11.7	-	11.8	11.8	11.7	-	11.8	11.8	11.7	-				
	HI PR	248	249	251	-	286	288	289	-	327	328	330	-	370	371	373	-	417	418	420	-	467	468	470	-	467	468	470	-	467	468	470	-				
LO PR	126	128	131	-	134	135	138	-	140	142	145	-	146	147	151	-	151	153	156	-	158	160	163	-	158	160	163	-	158	160	163	-					
75	875	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.1	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.1	25.0	26.3											
		S/T	0.76	0.68	0.54	0.39	0.77	0.69	0.55	0.40	1.00	0.72	0.57	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.52											
		ΔT	24	22	19	15	24	22	19	15	25	23	19	16	24	22	19	15	24	22	19	15	25	23	20	16											
		KW	1.72	1.72	1.71	1.73	1.91	1.91	1.91	1.92	2.12	2.12	2.12	2.13	2.36	2.35	2.35	2.36	2.61	2.61	2.61	2.62	2.92	2.92	2.91	2.93											
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7											
		HI PR	244	245	247	251	283	284	285	290	323	324	326	330	366	367	369	373	413	414	416	420	463	464	466	470											
	LO PR	123	124	127	132	130	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164												
	1000	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	27.6	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7											
		S/T	0.82	0.75	0.60	0.46	0.83	0.75	0.61	0.46	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	0.82	0.68	0.53	1.00	1.00	0.73	0.59											
		ΔT	23	21	18	14	23	21	18	14	23	22	18	14	23	21	18	14	23	21	18	14	24	22	19	15											
		KW	1.73	1.73	1.72	1.74	1.92	1.92	1.92	1.93	2.13	2.13	2.13	2.14	2.37	2.36	2.36	2.37	2.62	2.62	2.62	2.63	2.93	2.92	2.92	2.94											
		Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8											
HI PR		246	247	249	253	285	286	287	292	325	326	328	332	368	369	371	375	415	416	418	422	465	466	468	472												
LO PR	124	126	129	134	132	133	137	142	138	140	143	148	144	145	149	154	149	151	154	159	156	158	161	166													
1125	MBh	30.0	30.4	31.2	32.6	29.7	30.1	31.0	32.3	28.9	29.3	30.2	31.5	27.6	28.0	28.9	30.2	26.0	26.4	27.3	28.6	24.6	25.0	25.9	27.2												
	S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	0.86	0.72	0.57	1.00	1.00	0.77	0.62												
	ΔT	22	20	17	13	22	20	17	13	22	21	17	13	22	20	17	13	22	20	17	13	23	21	18	14												
	KW	1.74	1.74	1.73	1.75	1.93	1.93	1.92	1.94	2.14	2.14	2.14	2.15	2.37	2.37	2.37	2.38	2.63	2.63	2.63	2.64	2.93	2.93	2.93	2.94												
	Amps	6.3	6.3	6.3	6.3	7.2	7.1	7.1	7.2	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.2	10.4	10.4	10.4	10.4	11.8	11.8	11.7	11.8												
	HI PR	248	249	251	255	287	288	289	294	327	328	330	334	370	371	373	377	417	418	420	424	467	468	470	474												
LO PR	126	128	131	136	134	135	139	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168													

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)

EXPANDED COOLING DATA — ASX140311K* + CA*F3137*6** + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		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	875	MBh	29.3	29.7	30.5	31.9	29.0	29.4	30.3	31.6	28.2	28.7	29.5	30.9	26.9	27.3	28.2	29.5	25.3	25.8	26.6	27.9	23.9	24.3	25.2	26.5
		S/T	1.00	0.81	0.67	0.5	1.00	0.82	0.68	0.53	1.00	0.85	0.70	0.6	1.00	0.87	0.73	0.58	1.00	1.00	0.75	0.6	1.00	1.00	0.80	0.65
		ΔT	28	27	23	19	28	27	23	19	29	27	23	20	28	27	23	19	28	26	23	19	29	27	24	20
		KW	1.72	1.72	1.72	1.7	1.91	1.91	1.91	1.92	2.12	2.12	2.12	2.1	2.36	2.35	2.35	2.37	2.61	2.61	2.61	2.6	2.92	2.92	2.91	2.93
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.0	8.0	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7
	1000	HI PR	245	246	247	252	283	284	286	290	323	324	326	330	367	368	370	374	414	415	416	421	464	465	466	471
		LO PR	123	125	128	133	131	132	135	140	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165
		MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9
		S/T	1.00	0.88	0.73	0.6	1.00	0.88	0.74	0.59	1.00	0.91	0.77	0.6	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.72
		ΔT	27	25	22	18	27	25	22	18	28	26	22	19	27	25	22	18	27	25	22	18	28	26	23	19
1125	KW	1.73	1.73	1.72	1.7	1.92	1.92	1.92	1.93	2.13	2.13	2.13	2.1	2.37	2.36	2.36	2.38	2.62	2.62	2.62	2.6	2.93	2.93	2.92	2.94	
	Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.2	9.2	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8	
	HI PR	247	248	249	254	285	286	288	292	325	326	328	332	369	370	372	376	416	417	418	423	466	467	468	473	
	LO PR	125	126	130	135	132	134	137	142	139	140	144	149	144	146	149	154	150	151	155	160	157	158	161	167	
	MBh	30.1	30.5	31.4	32.7	29.8	30.3	31.1	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.7	25.1	26.0	27.3	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	875	MBh	29.8	30.2	31.0	32.4	29.5	29.9	30.8	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.2	27.1	28.4	24.4	24.8	25.7	27.0
		S/T	1.00	0.92	0.78	0.63	1.00	0.92	0.78	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.76
		ΔT	32	30	27	23	32	30	27	23	32	30	27	23	32	30	27	23	32	30	26	23	33	31	28	24
		KW	1.72	1.72	1.72	1.73	1.91	1.91	1.91	1.92	2.13	2.13	2.12	2.14	2.36	2.36	2.36	2.37	2.62	2.62	2.61	2.63	2.92	2.92	2.92	2.93
		Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.1	8.1	8.1	8.0	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.7
	1000	HI PR	246	247	248	253	284	285	287	291	325	326	327	332	368	369	371	375	415	416	417	422	465	466	467	472
		LO PR	125	127	130	135	132	134	137	142	139	141	144	149	145	146	149	154	150	151	155	160	157	158	161	167
		MBh	30.1	30.5	31.4	32.7	29.9	30.3	31.2	32.5	29.1	29.5	30.4	31.7	27.8	28.2	29.1	30.4	26.2	26.6	27.5	28.8	24.8	25.2	26.0	27.4
		S/T	1.00	0.98	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	0.92	0.77	1.00	1.00	1.00	0.82
		ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	32	30	26	23
1125	KW	1.73	1.73	1.73	1.74	1.92	1.92	1.92	1.93	2.14	2.14	2.13	2.15	2.37	2.37	2.36	2.38	2.63	2.63	2.62	2.64	2.93	2.93	2.93	2.94	
	Amps	6.3	6.3	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.2	9.2	9.2	9.2	9.2	10.4	10.4	10.3	10.4	11.7	11.7	11.7	11.8	
	HI PR	248	249	251	255	286	287	289	293	327	328	329	334	370	371	373	377	417	418	420	424	467	468	470	474	
	LO PR	127	128	131	137	134	136	139	144	141	142	145	151	146	148	151	156	152	153	156	162	159	160	163	168	
	MBh	30.6	31.0	31.9	33.2	30.3	30.7	31.6	32.9	29.6	30.0	30.9	32.2	28.3	28.7	29.5	30.9	26.7	27.1	28.0	29.3	25.2	25.6	26.5	27.8	

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																				
		65						75						85						95						105						115																		
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																	
70	AIRFLOW	34.8	35.3	36.3	-	34.5	35.0	36.0	-	33.6	34.1	35.1	-	32.0	32.5	33.5	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	
	MBh	34.8	35.3	36.3	-	34.5	35.0	36.0	-	33.6	34.1	35.1	-	32.0	32.5	33.5	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	30.1	30.6	31.6	-	28.4	28.8	29.9	-	
	S/T	0.59	0.52	0.38	-	0.60	0.52	0.39	-	0.62	0.55	0.42	-	0.64	0.57	0.43	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-	1.00	0.59	0.46	-	1.00	0.64	0.51	-	
	ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-	
	KW	2.09	2.09	2.09	-	2.32	2.32	2.32	-	2.58	2.58	2.58	-	2.87	2.86	2.86	-	3.18	3.18	3.17	-	3.55	3.55	3.54	-	3.18	3.18	3.17	-	3.55	3.55	3.54	-	3.18	3.18	3.17	-	3.55	3.55	3.54	-	3.18	3.18	3.17	-	3.55	3.55	3.54	-	
	Amps	7.6	7.6	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	
	HI PR	254	255	257	-	294	295	297	-	336	337	339	-	381	382	384	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-	
	LO PR	121	123	126	-	129	130	133	-	135	137	140	-	141	142	145	-	146	147	151	-	153	154	157	-	146	147	151	-	153	154	157	-	146	147	151	-	153	154	157	-	146	147	151	-	153	154	157	-	
	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-	
	S/T	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-	
ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-		
KW	2.10	2.10	2.10	-	2.34	2.33	2.33	-	2.60	2.59	2.59	-	2.88	2.88	2.87	-	3.19	3.19	3.19	-	3.56	3.56	3.55	-	3.19	3.19	3.19	-	3.56	3.56	3.55	-	3.19	3.19	3.19	-	3.56	3.56	3.55	-	3.19	3.19	3.19	-	3.56	3.56	3.55	-		
Amps	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.1	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-		
HI PR	256	257	259	-	296	297	299	-	338	339	341	-	384	385	386	-	432	433	435	-	484	485	487	-	432	433	435	-	484	485	487	-	432	433	435	-	484	485	487	-	432	433	435	-	484	485	487	-		
LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	148	149	152	-	154	156	159	-	148	149	152	-	154	156	159	-	148	149	152	-	154	156	159	-		
MBh	35.8	36.3	37.3	-	35.5	36.0	37.0	-	34.6	35.1	36.1	-	33.0	33.5	34.5	-	31.1	31.6	32.6	-	29.4	29.9	30.9	-	31.1	31.6	32.6	-	29.4	29.9	30.9	-	31.1	31.6	32.6	-	29.4	29.9	30.9	-	31.1	31.6	32.6	-	29.4	29.9	30.9	-		
S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-		
ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-		
KW	2.11	2.11	2.11	-	2.35	2.34	2.34	-	2.61	2.60	2.60	-	2.89	2.89	2.88	-	3.20	3.20	3.20	-	3.57	3.57	3.56	-	3.20	3.20	3.20	-	3.57	3.57	3.56	-	3.20	3.20	3.20	-	3.57	3.57	3.56	-	3.20	3.20	3.20	-	3.57	3.57	3.56	-		
Amps	7.7	7.7	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.6	12.6	-	14.3	14.3	14.3	-	12.7	12.6	12.6	-	14.3	14.3	14.3	-	12.7	12.6	12.6	-	14.3	14.3	14.3	-	12.7	12.6	12.6	-	14.3	14.3	14.3	-		
HI PR	258	259	261	-	298	300	301	-	340	342	343	-	386	387	389	-	434	435	437	-	486	488	489	-	434	435	437	-	486	488	489	-	434	435	437	-	486	488	489	-	434	435	437	-	486	488	489	-		
LO PR	125	127	130	-	132	134	137	-	139	140	143	-	144	146	149	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-		
75	AIRFLOW	34.8	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.0	32.5	33.6	35.2	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	
	MBh	34.8	35.3	36.3	37.9	34.5	35.0	36.0	37.6	33.6	34.1	35.1	36.7	32.0	32.5	33.6	35.2	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	30.1	30.6	31.7	33.2	28.4	28.9	29.9	31.5	
	S/T	0.72	0.64	0.51	0.37	0.72	0.65	0.52	0.38	1.00	0.67	0.54	0.40	1.00	0.69	0.56	0.42	1.00	0.71	0.58	0.44	1.00	0.76	0.63	0.49	1.00	0.71	0.58	0.44	1.00	0.76	0.63	0.49	1.00	0.71	0.58	0.44	1.00	0.76	0.63	0.49	1.00	0.71	0.58	0.44	1.00	0.76	0.63	0.49	
	ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	23	21	18	15	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15
	KW	2.09	2.09	2.08	2.10	2.32	2.32	2.32	2.33	2.58	2.58	2.58	2.59	2.86	2.86	2.86	2.88	3.18	3.18	3.17	3.19	3.55	3.54	3.54	3.56	3.18	3.18	3.17	3.19	3.55	3.54	3.54	3.56	3.18	3.18	3.17	3.19	3.55	3.54	3.54	3.56	3.18	3.18	3.17	3.19	3.55	3.54	3.54	3.56	
	Amps	7.6	7.6	7.5	8.0	8.6	8.6	8.6	8.7	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.2	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.3	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.3	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.3	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.3	
	HI PR	254	255	257	262	294	295	297	302	336	337	339	344	382	383	384	389	430	431	433	438	482	484	485	490	430	431	433	438	482	484	485	490	430	431	433	438	482	484	485	490	430	431	433	438	482	484	485	490	
	LO PR	121	123	126	131	129	130	133	138	135	137	140	145	141	142	145	150	146	147	151	156	153	154	157	162	146	147	151	156	153	154	157	162	146	147	151	156	153	154	157	162	146	147	151	156	153	154	157	162	
	MBh	35.3	35.8	36.8	38.4	35.0	35.5																																											

EXPANDED COOLING DATA — ASX140361K* + CA*F3642*D6 + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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		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	1050	MBh	35.0	35.5	36.5	38.1	34.7	35.2	36.2	37.8	33.8	34.3	35.3	36.9	32.2	32.7	33.7	35.3	30.3	30.8	31.8	33.4	28.6	29.0	30.1	31.7	S/T	0.84	0.77	0.63	0.5	1.00	0.77	0.64	0.50	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.6	1.00	1.00	0.75	0.61	ΔT	27	25	22	19	27	25	22	18	27	25	22	18	28	26	23	19	KW	2.09	2.09	2.09	2.1	2.32	2.32	2.32	2.34	2.58	2.58	2.58	2.6	2.86	2.86	2.86	2.88	3.18	3.18	3.17	3.2	3.55	3.55	3.54	3.56	Amps	7.6	7.6	7.5	8.0	8.6	8.6	8.6	9.0	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.0	12.5	12.5	12.5	13.0	14.2	14.2	14.2	14.0	14.0	14.0	14.0	14.0	HI PR	255	256	258	262	295	296	298	302	337	338	340	344	382	383	385	389	431	432	434	438	483	484	486	490	LO PR	122	123	126	132	129	131	134	139	136	137	140	145	141	143	146	151	148	148	151	156	153	155	158	163	1200	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	S/T	1.00	0.82	0.69	0.6	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.6	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.67	ΔT	26	24	21	17	26	24	21	18	26	24	21	17	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	KW	2.10	2.10	2.10	2.1	2.34	2.33	2.33	2.35	2.60	2.59	2.59	2.6	2.88	2.87	2.87	2.89	3.19	3.19	3.19	3.2	3.56	3.56	3.55	3.57	Amps	7.6	7.6	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.1	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0	14.0	14.0	14.0	14.0	HI PR	257	258	260	264	297	298	300	304	339	340	342	346	384	385	387	392	433	434	436	440	485	486	488	492	LO PR	124	125	128	133	131	132	136	141	137	139	142	147	143	144	147	153	148	150	153	158	155	156	160	165	1350	MBh	36.0	36.5	37.5	39.1	35.7	36.2	37.2	38.8	34.8	35.3	36.3	37.9	33.2	33.7	34.7	36.3	31.3	31.8	32.8	34.4	29.6	30.1	31.1	32.7	S/T	1.00	0.86	0.72	0.6	1.00	0.86	0.73	0.59	1.00	0.89	0.76	0.6	1.00	1.00	0.77	0.63	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.71	ΔT	25	23	20	17	25	24	20	17	25	24	20	17	25	23	20	16	25	23	20	16	26	24	21	17	26	24	21	17	26	24	21	17	KW	2.11	2.11	2.11	2.1	2.35	2.34	2.34	2.36	2.61	2.60	2.60	2.6	2.89	2.89	2.88	2.90	3.20	3.20	3.20	3.2	3.57	3.57	3.56	3.56	Amps	7.7	7.7	7.6	8.0	9.0	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.0	12.7	12.6	12.6	13.0	14.3	14.3	14.3	14.0	14.0	14.0	14.0	14.0	HI PR	259	260	262	266	299	300	302	306	341	342	344	348	386	387	389	394	435	436	438	442	487	488	490	494	LO PR	126	127	130	135	133	134	138	143	139	141	144	149	145	146	149	155	150	152	155	160	157	158	162	167

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
85	1050	MBh	35.6	36.1	37.1	38.7	35.3	35.8	36.8	38.4	34.4	34.9	35.9	37.5	32.8	33.3	34.3	35.9	30.9	31.4	32.4	34.0	29.1	29.6	30.7	32.3	S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71	ΔT	31	29	25	22	30	29	26	22	31	29	26	22	30	29	25	22	30	28	25	22	31	30	26	23	KW	2.10	2.09	2.09	2.11	2.33	2.33	2.32	2.34	2.59	2.59	2.58	2.60	2.87	2.87	2.86	2.88	3.18	3.18	3.18	3.20	3.55	3.55	3.55	3.56	Amps	7.6	7.6	7.6	8.0	8.7	8.6	8.6	9.0	9.8	9.8	9.8	10.0	11.1	11.1	11.1	11.0	12.6	12.6	12.5	13.0	14.3	14.3	14.2	14.0	14.0	14.0	14.0	14.0	HI PR	256	257	259	263	296	297	299	303	338	339	341	345	383	384	386	391	432	433	435	439	484	485	487	491	LO PR	124	125	128	133	131	133	136	141	137	139	142	147	143	144	148	153	148	150	153	158	155	157	160	165	1200	MBh	36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7	S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.77	ΔT	29	28	24	21	29	28	24	21	30	28	25	21	29	28	24	21	29	27	24	21	30	28	25	22	30	28	25	22	30	28	25	22	30	28	25	22	KW	2.11	2.11	2.10	2.12	2.34	2.34	2.33	2.35	2.60	2.60	2.59	2.61	2.88	2.88	2.88	2.89	3.20	3.19	3.19	3.21	3.56	3.56	3.56	3.58	Amps	7.6	7.6	7.6	8.0	8.7	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.0	12.6	12.6	12.6	13.0	14.3	14.3	14.3	14.0	14.0	14.0	14.0	14.0	HI PR	258	259	261	265	298	299	301	306	340	341	343	348	385	387	388	393	434	435	437	442	486	487	489	494	LO PR	125	127	130	135	133	134	137	143	139	141	144	149	145	146	149	154	150	152	155	160	157	158	161	167	1350	MBh	36.6	37.1	38.1	39.7	36.3	36.8	37.8	39.4	35.4	35.9	36.9	38.5	33.8	34.3	35.3	36.9	31.9	32.4	33.4	35.0	30.1	30.6	31.7	33.3	S/T	1.00	0.96	0.82	0.68	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.76	1.00	1.00	1.00	0.81	ΔT	29	27	23	20	29	27	24	20	29	27	24	20	28	27	23	20	28	26	23	20	29	28	24	21	29	28	24	21	29	28	24	21	KW	2.12	2.12	2.11	2.13	2.35	2.35	2.34	2.36	2.61	2.61	2.60	2.62	2.89	2.89	2.89	2.90	3.21	3.20	3.20	3.22	3.57	3.57	3.57	3.59	Amps	7.7	7.7	7.7	8.0	8.8	8.7	8.7	9.0	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.0	12.7	12.7	12.6	13.0	14.4	14.3	14.3	14.0	14.0	14.0	14.0	14.0	HI PR	260	261	263	268	300	301	303	308	342	343	345	350	388	389	390	395	436	437	439	444	488	489	491	496	LO PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	156	152	154	157	162	159	160	163	169

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1100	MBh	35.0	35.5	36.6	-	34.7	35.2	36.3	-	33.8	34.3	35.4	-	32.3	32.8	33.8	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-	30.4	30.9	31.9	-	28.6	29.1	30.2	-			
		S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.70	0.62	0.48	-	0.71	0.64	0.50	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-	1.00	0.66	0.53	-	1.00	0.71	0.58	-			
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	20	19	15	-	19	17	14	-	20	19	15	-			
		KW	2.03	2.03	2.02	-	2.26	2.26	2.26	-	2.53	2.53	2.52	-	2.81	2.81	2.81	-	3.13	3.13	3.13	-	3.51	3.50	3.50	-	3.13	3.13	3.13	-	3.51	3.50	3.50	-			
	Amps	7.4	7.4	7.4	-	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-				
	HI PR	255	256	258	-	295	296	298	-	337	338	340	-	382	383	385	-	430	431	433	-	482	483	485	-	430	431	433	-	482	483	485	-				
	LO PR	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	146	148	151	-	153	154	157	-				
	MBh	35.4	35.9	37.0	-	35.1	35.6	36.6	-	34.2	34.7	35.7	-	32.7	33.2	34.2	-	30.8	31.3	32.3	-	29.0	29.5	30.6	-	30.8	31.3	32.3	-	29.0	29.5	30.6	-				
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	0.74	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-				
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	19	17	13	-	20	18	14	-	19	17	13	-	20	18	14	-				
	KW	2.04	2.03	2.03	-	2.27	2.27	2.27	-	2.54	2.53	2.53	-	2.82	2.82	2.82	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-				
	Amps	7.5	7.5	7.5	-	8.6	8.6	8.5	-	9.8	9.8	9.7	-	11.1	11.1	11.0	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-	12.5	12.5	12.5	-	14.2	14.2	14.2	-				
HI PR	257	258	259	-	296	298	299	-	338	339	341	-	383	384	386	-	432	433	435	-	484	485	486	-	432	433	435	-	484	485	486	-					
LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	147	149	152	-	154	156	159	-	147	149	152	-	154	156	159	-					
MBh	36.1	36.6	37.6	-	35.8	36.3	37.3	-	34.9	35.4	36.4	-	33.4	33.8	34.9	-	31.5	31.9	33.0	-	29.7	30.2	31.2	-	31.5	31.9	33.0	-	29.7	30.2	31.2	-					
S/T	0.71	0.63	0.50	-	0.71	0.64	0.50	-	0.74	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-	1.00	0.71	0.57	-	1.00	0.76	0.62	-					
ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	18	16	12	-	19	17	13	-					
KW	2.05	2.04	2.04	-	2.28	2.28	2.28	-	2.55	2.54	2.54	-	2.83	2.83	2.83	-	3.15	3.15	3.14	-	3.52	3.52	3.52	-	3.15	3.15	3.14	-	3.52	3.52	3.52	-					
Amps	7.5	7.5	7.5	-	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-	12.6	12.6	12.6	-	14.3	14.3	14.3	-					
HI PR	259	260	262	-	299	300	302	-	341	342	343	-	386	387	388	-	434	435	437	-	486	487	489	-	434	435	437	-	486	487	489	-					
LO PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	149	-	150	151	154	-	156	158	161	-	150	151	154	-	156	158	161	-					
75	1100	MBh	35.1	35.6	36.6	38.2	34.8	35.2	36.3	37.9	33.9	34.3	35.4	37.0	32.3	32.8	33.8	35.4	30.4	30.9	31.9	33.5	28.7	29.2	30.2	31.8	30.4	30.9	31.9	33.5	28.7	29.2	30.2	31.8			
		S/T	0.79	0.72	0.58	0.44	0.80	0.72	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.65	0.51	1.00	0.84	0.71	0.56	1.00	0.79	0.65	0.51	1.00	0.84	0.71	0.56			
		ΔT	24	22	18	15	24	22	18	15	24	22	18	15	24	22	18	14	23	22	18	14	25	23	19	15	23	22	18	14	25	23	19	15			
		KW	2.03	2.02	2.02	2.04	2.26	2.26	2.26	2.28	2.53	2.52	2.52	2.54	2.81	2.81	2.81	2.82	3.13	3.13	3.12	3.14	3.50	3.50	3.50	3.52	3.13	3.13	3.12	3.14	3.50	3.50	3.50	3.52			
	Amps	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.5	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.5	14.2	14.2	14.2	14.3				
	HI PR	255	256	258	263	295	296	298	302	337	338	340	344	382	383	385	389	430	432	433	438	482	483	485	490	430	432	433	438	482	483	485	490				
	LO PR	122	123	126	131	129	130	134	139	135	137	140	145	141	142	145	150	146	148	151	156	153	154	157	162	146	148	151	156	153	154	157	162				
	MBh	35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.2	34.2	34.7	35.8	37.3	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2	30.8	31.3	32.3	33.9	29.1	29.5	30.6	32.2				
	S/T	0.82	0.74	0.61	0.47	0.83	0.75	0.61	0.47	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.73	0.59	1.00	0.82	0.68	0.54	1.00	1.00	0.73	0.59				
	ΔT	23	21	18	14	23	21	17	14	23	21	18	14	23	21	17	14	23	21	17	14	24	22	18	15	23	21	17	14	24	22	18	15				
	KW	2.03	2.03	2.03	2.05	2.27	2.27	2.26	2.28	2.53	2.53	2.53	2.55	2.82	2.82	2.81	2.83	3.14	3.14	3.13	3.15	3.51	3.51	3.51	3.52	3.14	3.14	3.13	3.15	3.51	3.51	3.51	3.52				
	Amps	7.5	7.5	7.4	7.5	8.6	8.5	8.5	8.6	9.8	9.8	9.7	9.8	11.1	11.1	11.0	11.1	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3				
HI PR	257	258	260	264	297	298	300	304	338	340	341	346	383	385	386	391	432	433	435	439	484	485	487	491	432	433	435	439	484	485	487	491					
LO PR	123	125	128	133	130	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	156	159	164	147	149	152	157	154	156	159	164					
MBh	36.1	36.6	37.7	39.2	35.8	36.3	37.4	38.9	34.9	35.4	36.4	38.0	33.4	33.9	34.9	36.5	31.5	32.0	33.0	34.6	29.7	30.2	31.3	32.8	31.5	32.0	33.0	34.6	29.7	30.2	31.3	32.8					
S/T	0.84	0.76	0.63	0.48	0.84	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	0.83	0.70	0.56	1.00	1.00	0.75	0.61	1.00	0.83	0.70	0.56	1.00	1.00	0.75	0.61					
ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14	22	20	16	13	23	21	17	14					
KW	2.04	2.04	2.04	2.06	2.28	2.28	2.27	2.29	2.54	2.54	2.54	2.56	2.83	2.83	2.82	2.84	3.15	3.15	3.14	3.16	3.52	3.52	3.52	3.53	3.15	3.15	3.14	3.16	3.52	3.52	3.52	3.53					
Amps	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.3	12.6	12.6	12.5	12.6	14.3	14.3	14.3	14.3					
HI PR	259	260	262	266	299	300	302	306	341	342	344	348	386	387	389	393	434	435	437	442	486	487	489	493	434	435	437	442	486	487	489	493					
LO PR	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	154	150	151	154	159	156	158	161	166	150	151	154	159	156	158	161	166					

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)

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EXPANDED COOLING DATA — ASX140371K* + CA*F3137*6** + EEP (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																																																																																																																																																	
		65						75						85						95						105						115																																																																																																																																											
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																						
1100		MBh	35.2	35.7	36.8	38.3	34.9	35.4	36.5	38.0	34.0	34.5	35.6	37.1	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	31.9	0.92	0.84	0.71	0.6	1.00	0.85	0.71	0.57	1.00	0.87	0.74	0.6	1.00	0.89	0.76	0.61	1.00	1.00	1.00	0.78	0.6	1.00	1.00	0.83	0.69	28	26	23	19	28	26	22	19	28	26	23	19	28	26	22	18	29	27	23	20	2.03	2.03	2.02	2.0	2.26	2.26	2.26	2.28	2.53	2.53	2.52	2.5	2.81	2.81	2.81	2.83	3.13	3.13	3.13	3.1	3.51	3.50	3.50	3.52	7.4	7.4	7.4	7.5	8.5	8.5	8.5	8.6	9.7	9.7	9.7	9.8	11.0	11.0	11.0	11.1	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	256	257	259	263	296	297	298	303	337	339	340	345	382	384	385	390	431	432	434	438	483	484	486	490	122	124	127	132	130	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163				
1200		MBh	35.6	36.1	37.2	38.7	35.3	35.8	36.8	38.4	34.4	34.9	35.9	37.5	32.9	33.4	34.4	36.0	31.0	31.5	32.5	34.1	29.2	29.7	30.8	32.3	1.00	0.87	0.73	0.6	1.00	0.87	0.74	0.60	1.00	0.90	0.76	0.6	1.00	0.92	0.78	0.64	1.00	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.72	27	25	22	18	27	25	22	18	27	26	22	18	27	25	22	18	27	25	21	18	28	26	23	19	2.04	2.03	2.03	2.1	2.27	2.27	2.27	2.28	2.54	2.53	2.53	2.6	2.82	2.82	2.81	2.83	3.14	3.14	3.13	3.2	3.51	3.51	3.51	3.53	7.5	7.5	7.5	7.5	8.6	8.6	8.5	8.6	9.8	9.8	9.7	9.8	11.1	11.1	11.0	11.1	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	257	258	260	265	297	298	300	304	339	340	342	346	384	385	387	391	432	434	435	440	484	485	487	492	124	125	128	133	131	132	135	141	137	139	142	147	143	144	147	152	148	150	153	158	155	156	159	164
1350		MBh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.1	35.6	36.6	38.2	33.6	34.0	35.1	36.7	31.7	32.1	33.2	34.8	29.9	30.4	31.4	33.0	1.00	0.89	0.75	0.6	1.00	0.89	0.76	0.61	1.00	0.92	0.78	0.6	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.82	0.7	1.00	1.00	0.88	0.73	26	24	21	17	26	24	21	17	27	25	21	17	26	24	21	17	26	24	20	17	27	25	22	18	2.05	2.04	2.04	2.1	2.28	2.28	2.28	2.29	2.55	2.54	2.54	2.6	2.83	2.83	2.83	2.84	3.15	3.15	3.14	3.2	3.52	3.52	3.52	3.54	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.6	14.3	14.3	14.3	14.3	260	261	262	267	299	301	302	307	341	342	344	349	386	387	389	394	435	436	438	442	487	488	489	494	126	127	131	136	133	135	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115																																																																																																																																																					
		65						75						85						95						105						115																																																																																																																																															
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																																																										
1100		MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.1	33.5	34.6	36.2	31.2	31.7	32.7	34.3	29.4	29.9	30.9	32.5	1.00	0.94	0.81	0.67	1.00	0.95	0.81	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.82	32	30	26	23	32	30	26	23	32	30	26	23	32	30	26	22	31	29	25	22	31	29	25	22	33	31	27	23	2.03	2.03	2.03	2.04	2.27	2.27	2.26	2.28	2.53	2.53	2.53	2.54	2.82	2.82	2.81	2.83	3.14	3.13	3.13	3.15	3.51	3.51	3.50	3.52	7.5	7.5	7.4	7.5	8.5	8.5	8.5	8.6	9.8	9.7	9.7	9.8	11.1	11.1	11.0	11.1	12.5	12.5	12.5	12.6	14.2	14.2	14.2	14.3	257	258	260	264	297	298	300	304	339	340	341	346	384	385	386	391	432	433	435	439	484	485	487	491	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165
1200		MBh	36.2	36.7	37.7	39.3	35.9	36.4	37.4	39.0	35.0	35.5	36.5	38.1	33.4	33.9	35.0	36.5	31.5	32.0	33.1	34.6	29.8	30.3	31.3	32.9	1.00	0.97	0.83	0.69	1.00	0.98	0.84	0.70	1.00	1.00	0.87	0.72	1.00	1.00	0.89	0.74	1.00	1.00	1.00	0.91	0.76	1.00	1.00	1.00	0.82	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	31	29	25	22	32	30	26	23	2.04	2.04	2.03	2.05	2.28	2.27	2.27	2.29	2.54	2.54	2.53	2.55	2.83	2.82	2.82	2.84	3.14	3.14	3.14	3.16	3.52	3.52	3.51	3.53	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.6	9.8	9.8	9.8	9.8	11.1	11.1	11.1	11.2	12.6	12.5	12.5	12.6	14.3	14.3	14.2	14.3	258	260	261	266	298	299	301	306	340	341	343	347	385	386	388	392	434	435	437	441	485	487	488	493	125	127	130	135	133	134	137	142	139	141	144	149	145	146	149	154	150	151	154	159	156	158	161	166				
1350		MBh	36.9	37.4	38.4	40.0	36.6	37.1	38.1	39.7	35.7	36.2	37.2	38.8	34.1	34.6	35.7	37.2	32.2	32.7	33.8	35.3	30.5	31.0	32.0	33.6	1.00	0.99	0.85	0.71	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.92	0.78	1.00	1.00	1.00	0.83	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	31	29	25	22	2.05	2.05	2.04	2.06	2.29	2.28	2.28	2.30	2.55	2.55	2.54	2.56	2.84	2.83	2.83	2.85	3.15	3.15	3.15	3.17	3.53	3.53	3.52	3.54	7.5	7.5	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.9	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.3	14.3	14.3	14.4	261	262	264	268	301	302	304	308	342	344	345	350	387	389	390	395	436	437	439	443	488	489	491	495	128	129	132	137	135	137	140	145	141	143	146	151	147	148	151	157	152	154	157	162	159	160	163	168				

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	39.7	40.2	41.4	-	39.3	39.9	41.1	-	38.3	38.8	40.0	-	36.5	37.1	38.2	-	34.3	34.9	36.1	-	32.3	32.9	34.1	-
	S/T	0.63	0.55	0.41	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-
	KW	2.32	2.32	2.31	-	2.59	2.59	2.58	-	2.89	2.89	2.88	-	3.21	3.21	3.21	-	3.58	3.57	3.57	-	4.00	4.00	4.00	-
	Amps	8.3	8.3	8.3	-	9.5	9.5	9.5	-	10.9	10.9	10.9	-	12.4	12.4	12.3	-	14.0	14.0	14.0	-	16.0	16.0	16.0	-
	HI PR	264	266	267	-	306	307	309	-	350	351	353	-	397	398	400	-	448	449	451	-	502	503	505	-
	LO PR	126	128	131	-	134	135	139	-	140	142	145	-	146	148	151	-	152	153	157	-	159	160	163	-
	MBh	40.2	40.8	41.9	-	39.8	40.4	41.6	-	38.8	39.4	40.6	-	37.0	37.6	38.8	-	34.8	35.4	36.6	-	32.9	33.4	34.6	-
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-
	KW	2.34	2.33	2.33	-	2.60	2.60	2.60	-	2.90	2.90	2.90	-	3.23	3.23	3.22	-	3.59	3.59	3.58	-	4.02	4.01	4.01	-
	Amps	8.4	8.3	8.3	-	9.6	9.6	9.6	-	11.0	10.9	10.9	-	12.4	12.4	12.4	-	14.1	14.1	14.1	-	16.0	16.0	16.0	-
HI PR	267	268	270	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-	
LO PR	128	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-	
MBh	40.8	41.4	42.6	-	40.5	41.0	42.2	-	39.4	40.0	41.2	-	37.7	38.2	39.4	-	35.5	36.0	37.2	-	33.5	34.0	35.2	-	
S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.58	-	1.00	1.00	0.64	-	
ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-	
KW	2.35	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.91	2.91	-	3.24	3.24	3.23	-	3.60	3.60	3.60	-	4.03	4.03	4.02	-	
Amps	8.4	8.4	8.4	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.2	14.1	14.1	-	16.1	16.1	16.1	-	
HI PR	269	270	272	-	311	312	314	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-	
LO PR	130	132	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	163	164	167	-	
75	MBh	39.7	40.3	41.4	43.3	39.3	39.9	41.1	42.9	38.3	38.9	40.1	41.9	36.5	37.1	38.3	40.1	34.3	34.9	36.1	37.9	32.4	32.9	34.1	35.9
	S/T	0.77	0.69	0.55	0.40	1.00	0.69	0.55	0.40	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.53
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16
	KW	2.32	2.32	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.89	2.88	2.90	3.21	3.21	3.21	3.23	3.58	3.57	3.57	3.59	4.00	4.00	3.99	4.01
	Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	9.6	10.9	10.9	10.9	11.0	12.4	12.4	12.3	12.4	14.0	14.0	14.0	14.0	16.0	16.0	15.9	16.0
	HI PR	265	266	268	272	306	307	309	314	350	351	353	358	397	398	400	405	448	449	451	455	502	503	505	510
	LO PR	126	128	131	136	134	135	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169
	MBh	40.2	40.8	42.0	43.8	39.9	40.4	41.6	43.4	38.8	39.4	40.6	42.4	37.0	37.6	38.8	40.6	34.9	35.4	36.6	38.4	32.9	33.4	34.6	36.4
	S/T	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.47	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59
	ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	24	22	18	15
	KW	2.33	2.33	2.33	2.35	2.60	2.60	2.60	2.62	2.90	2.90	2.90	2.92	3.23	3.22	3.22	3.24	3.59	3.59	3.58	3.60	4.01	4.01	4.01	4.03
	Amps	8.3	8.3	8.3	8.0	9.6	9.6	9.5	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.4	12.0	14.1	14.1	14.1	14.0	16.0	16.0	16.0	16.1
HI PR	267	268	270	274	309	310	312	316	352	353	355	360	399	400	402	407	450	451	453	458	504	505	507	512	
LO PR	128	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171	
MBh	40.8	41.4	42.6	44.4	40.5	41.1	42.2	44.0	39.5	40.0	41.2	43.0	37.7	38.2	39.4	41.2	35.5	36.1	37.2	39.1	33.5	34.1	35.3	37.1	
S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62	
ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14	
KW	2.35	2.34	2.34	2.36	2.61	2.61	2.61	2.63	2.91	2.91	2.91	2.93	3.24	3.24	3.23	3.25	3.60	3.60	3.59	3.61	4.03	4.02	4.02	4.04	
Amps	8.4	8.4	8.4	8.0	9.6	9.6	9.6	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	14.1	14.1	14.1	14.0	16.1	16.1	16.1	16.2	
HI PR	269	270	272	277	311	312	314	318	354	356	357	362	402	403	405	409	452	453	455	460	506	508	509	514	
LO PR	130	132	135	140	138	139	142	148	144	146	149	155	150	152	155	160	156	157	160	166	163	164	167	173	

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

EXPANDED COOLING DATA — ASX140421K* + CA*F4961*6*** + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		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	39.9	40.5	41.7	43.5	39.6	40.1	41.3	43.1	38.5	39.1	40.3	42.1	36.7	37.3	38.5	40.3	34.6	35.1	36.3	38.1	32.6	33.1	34.3	36.1
	S/T	1.00	0.82	0.68	0.5	1.00	0.82	0.68	0.53	1.00	0.85	0.71	0.6	1.00	1.00	0.73	0.58	1.00	1.00	0.75	0.6	1.00	1.00	0.81	0.66
	ΔT	28	26	23	19	28	26	23	19	28	26	23	19	28	26	23	19	28	26	22	19	29	27	23	20
	KW	2.32	2.32	2.31	2.3	2.59	2.59	2.58	2.60	2.89	2.89	2.88	2.9	3.21	3.21	3.21	3.23	3.58	3.57	3.57	3.6	4.00	4.00	4.00	4.02
	Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.3	12.0	14.0	14.0	14.0	14.0	16.0	16.0	16.0	16.0
	HI PR	265	266	268	273	307	308	310	314	351	352	354	358	398	399	401	405	448	449	451	456	502	504	505	510
	LO PR	127	128	131	137	134	136	139	144	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169
	MBh	40.4	41.0	42.2	44.0	40.1	40.6	41.8	43.6	39.0	39.6	40.8	42.6	37.3	37.8	39.0	40.8	35.1	35.6	36.8	38.6	33.1	33.6	34.8	36.6
	S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.74	0.60	1.00	0.91	0.77	0.6	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.7	1.00	1.00	0.87	0.72
	ΔT	27	25	22	18	27	25	21	18	27	25	22	18	27	25	21	18	26	25	21	18	28	26	22	19
KW	2.33	2.33	2.33	2.4	2.60	2.60	2.60	2.62	2.90	2.90	2.90	2.9	3.23	3.23	3.22	3.24	3.59	3.59	3.58	3.6	4.02	4.01	4.01	4.03	
Amps	8.4	8.3	8.3	8.0	9.6	9.6	9.6	10.0	11.0	11.0	10.9	11.0	12.4	12.4	12.4	12.0	14.1	14.1	14.1	14.0	16.0	16.0	16.0	16.1	
HI PR	267	268	270	275	309	310	312	317	353	354	356	360	400	401	403	407	451	452	454	458	505	506	508	512	
LO PR	129	130	133	139	136	138	141	146	143	144	148	153	149	150	153	159	154	156	159	164	161	163	166	171	
MBh	41.1	41.6	42.8	44.6	40.7	41.3	42.4	44.3	39.7	40.2	41.4	43.2	37.9	38.4	39.6	41.4	35.7	36.3	37.4	39.3	33.7	34.3	35.5	37.3	
S/T	1.00	0.91	0.77	0.6	1.00	0.92	0.78	0.63	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.68	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.75	
ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	21	17	26	24	20	17	27	25	21	18	
KW	2.35	2.34	2.34	2.4	2.62	2.61	2.61	2.63	2.92	2.91	2.91	2.9	3.24	3.24	3.23	3.25	3.60	3.60	3.60	3.6	4.03	4.03	4.02	4.00	
Amps	8.4	8.4	8.4	8.0	9.6	9.6	9.6	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	14.2	14.1	14.1	14.0	16.1	16.1	16.1	16.2	
HI PR	270	271	273	277	311	312	314	319	355	356	358	363	402	403	405	410	453	454	456	460	507	508	510	514	
LO PR	131	132	135	141	138	140	143	148	145	147	150	155	151	152	155	161	156	158	161	166	163	165	168	173	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	MBh	40.6	41.1	42.3	44.1	40.2	40.8	42.0	43.8	39.2	39.7	40.9	42.7	37.4	38.0	39.1	41.0	35.2	35.8	37.0	38.8	33.2	33.8	35.0	36.8
	S/T	1.00	0.92	0.78	0.63	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	1.00	0.71	1.00	1.00	1.00	0.76
	ΔT	31	30	26	23	31	30	26	23	32	30	26	23	31	30	26	23	31	29	26	22	32	30	27	24
	KW	2.33	2.32	2.32	2.34	2.59	2.59	2.59	2.61	2.89	2.89	2.89	2.91	3.22	3.22	3.21	3.23	3.58	3.58	3.58	3.60	4.01	4.01	4.00	4.02
	Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.4	12.0	14.1	14.0	14.0	14.0	16.0	16.0	16.0	16.1
	HI PR	266	267	269	274	308	309	311	316	352	353	355	359	399	400	402	406	450	451	453	457	504	505	507	511
	LO PR	129	130	133	139	136	138	141	146	143	145	148	153	149	150	153	159	154	156	159	164	161	163	166	171
	MBh	41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3
	S/T	1.00	0.99	0.84	0.69	1.00	1.00	0.85	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
	ΔT	30	29	25	22	30	28	25	22	31	29	25	22	30	28	25	22	30	28	25	21	31	29	26	22
KW	2.34	2.34	2.33	2.35	2.61	2.61	2.60	2.62	2.91	2.91	2.90	2.92	3.23	3.23	3.23	3.25	3.60	3.59	3.59	3.61	4.02	4.02	4.01	4.04	
Amps	8.4	8.4	8.3	8.0	9.6	9.6	9.6	10.0	11.0	11.0	10.9	11.0	12.5	12.5	12.4	13.0	14.1	14.1	14.1	14.0	16.1	16.1	16.0	16.1	
HI PR	269	270	272	276	310	311	313	318	354	355	357	362	401	402	404	409	452	453	455	459	506	507	509	514	
LO PR	130	132	135	141	138	140	143	148	145	146	150	155	150	152	155	161	156	158	161	166	163	165	168	173	
MBh	41.7	42.3	43.5	45.3	41.4	41.9	43.1	44.9	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	36.4	36.9	38.1	39.9	34.4	34.9	36.1	37.9	
S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.86	
ΔT	29	28	24	21	29	28	24	21	30	28	24	21	29	28	24	21	29	27	24	20	30	28	25	21	
KW	2.35	2.35	2.34	2.37	2.62	2.62	2.61	2.63	2.92	2.92	2.91	2.93	3.24	3.24	3.24	3.26	3.61	3.61	3.60	3.62	4.03	4.03	4.03	4.05	
Amps	8.4	8.4	8.4	8.0	9.7	9.6	9.6	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	14.2	14.2	14.1	14.0	16.1	16.1	16.1	16.2	
HI PR	271	272	274	278	312	314	315	320	356	357	359	364	403	404	406	411	454	455	457	462	508	509	511	516	
LO PR	132	134	137	143	140	142	145	150	147	148	152	157	153	154	157	163	158	160	163	168	165	167	170	175	

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
		AIRFLOW												ENTERING INDOOR WET BULB TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
70	MBh	39.7	40.2	41.4	-	39.3	39.9	41.1	-	38.3	38.8	40.0	-	36.5	37.1	38.2	-	34.3	34.9	36.1	-	32.3	32.9	34.1	-	32.3	32.9	34.1	-								
	S/T	0.63	0.55	0.41	-	0.64	0.56	0.42	-	0.66	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-	1.00	0.68	0.54	-								
	ΔT	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-	21	19	15	-								
	KW	2.32	2.32	2.31	-	2.59	2.59	2.58	-	2.89	2.89	2.88	-	3.21	3.21	3.21	-	3.58	3.57	3.57	-	4.00	4.00	4.00	-	4.00	4.00	4.00	-								
	Amps	8.3	8.3	8.3	-	9.5	9.5	9.5	-	10.9	10.9	10.9	-	12.4	12.4	12.3	-	14.0	14.0	14.0	-	16.0	16.0	16.0	-	16.0	16.0	16.0	-								
	HI PR	264	266	267	-	306	307	309	-	350	351	353	-	397	398	400	-	448	449	451	-	502	503	505	-	502	503	505	-								
	LO PR	126	128	131	-	134	135	139	-	140	142	145	-	146	148	151	-	152	153	157	-	159	160	163	-	159	160	163	-								
	MBh	40.2	40.8	41.9	-	39.8	40.4	41.6	-	38.8	39.4	40.6	-	37.0	37.6	38.8	-	34.8	35.4	36.6	-	32.9	33.4	34.6	-	32.9	33.4	34.6	-								
	S/T	0.69	0.61	0.47	-	0.70	0.62	0.48	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-	1.00	0.74	0.60	-								
	ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	20	18	14	-	20	18	14	-								
KW	2.34	2.33	2.33	-	2.60	2.60	2.60	-	2.90	2.90	2.90	-	3.23	3.23	3.22	-	3.59	3.59	3.58	-	4.02	4.01	4.01	-	4.02	4.01	4.01	-									
Amps	8.4	8.3	8.3	-	9.6	9.6	9.6	-	11.0	10.9	10.9	-	12.4	12.4	12.4	-	14.1	14.1	14.1	-	16.0	16.0	16.0	-	16.0	16.0	16.0	-									
HI PR	267	268	270	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-	504	505	507	-									
LO PR	128	130	133	-	136	137	140	-	142	144	147	-	148	150	153	-	154	155	158	-	161	162	165	-	161	162	165	-									
MBh	40.8	41.4	42.6	-	40.5	41.0	42.2	-	39.4	40.0	41.2	-	37.7	38.2	39.4	-	35.5	36.0	37.2	-	33.5	34.0	35.2	-	33.5	34.0	35.2	-									
S/T	0.73	0.65	0.51	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.56	-	1.00	0.73	0.58	-	1.00	1.00	0.64	-	1.00	1.00	0.64	-									
ΔT	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	17	16	12	-	19	17	13	-	19	17	13	-									
KW	2.35	2.34	2.34	-	2.62	2.61	2.61	-	2.92	2.91	2.91	-	3.24	3.24	3.23	-	3.60	3.60	3.60	-	4.03	4.03	4.02	-	4.03	4.03	4.02	-									
Amps	8.4	8.4	8.4	-	9.6	9.6	9.6	-	11.0	11.0	11.0	-	12.5	12.5	12.5	-	14.2	14.1	14.1	-	16.1	16.1	16.1	-	16.1	16.1	16.1	-									
HI PR	269	270	272	-	311	312	314	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-	506	507	509	-									
LO PR	130	132	135	-	138	139	142	-	144	146	149	-	150	152	155	-	156	157	160	-	163	164	167	-	163	164	167	-									
75	MBh	39.7	40.3	41.4	43.3	39.3	39.9	41.1	42.9	38.3	38.9	40.1	41.9	36.5	37.1	38.3	40.1	34.3	34.9	36.1	37.9	32.4	32.9	34.1	35.9	32.4	32.9	34.1	35.9								
	S/T	0.77	0.69	0.55	0.40	1.00	0.69	0.55	0.40	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.47	1.00	1.00	0.67	0.53	1.00	1.00	0.67	0.53								
	ΔT	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	19	16	25	23	19	16								
	KW	2.32	2.32	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.89	2.88	2.90	3.21	3.21	3.21	3.23	3.58	3.57	3.57	3.59	4.00	4.00	3.99	4.01	4.00	4.00	3.99	4.01								
	Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	9.6	10.9	10.9	10.9	11.0	12.4	12.4	12.3	12.4	14.0	14.0	14.0	14.0	16.0	16.0	15.9	16.0	16.0	16.0	15.9	16.0								
	HI PR	265	266	268	272	306	307	309	314	350	351	353	358	397	398	400	405	448	449	451	455	502	503	505	510	502	503	505	510								
	LO PR	126	128	131	136	134	135	139	144	141	142	145	151	146	148	151	156	152	153	157	162	159	160	164	169	159	160	164	169								
	MBh	40.2	40.8	42.0	43.8	39.9	40.4	41.6	43.4	38.8	39.4	40.6	42.4	37.0	37.6	38.8	40.6	34.9	35.4	36.6	38.4	32.9	33.4	34.6	36.4	32.9	33.4	34.6	36.4								
	S/T	0.83	0.75	0.61	0.46	1.00	0.76	0.61	0.47	1.00	0.78	0.64	0.49	1.00	0.80	0.66	0.51	1.00	1.00	0.68	0.53	1.00	1.00	0.74	0.59	1.00	1.00	0.74	0.59								
	ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	24	22	18	15	24	22	18	15								
KW	2.33	2.33	2.33	2.35	2.60	2.60	2.60	2.62	2.90	2.90	2.90	2.92	3.23	3.23	3.22	3.24	3.59	3.59	3.58	3.60	4.01	4.01	4.01	4.03	4.01	4.01	4.01	4.03									
Amps	8.3	8.3	8.3	8.0	9.6	9.6	9.5	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.4	12.0	14.1	14.1	14.1	14.0	16.0	16.0	16.0	16.1	16.0	16.0	16.0	16.1									
HI PR	267	268	270	274	309	310	312	316	352	353	355	360	399	400	402	407	450	451	453	458	504	505	507	512	504	505	507	512									
LO PR	128	130	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	158	164	161	162	165	171	161	162	165	171									
MBh	40.8	41.4	42.6	44.4	40.5	41.1	42.2	44.0	39.5	40.0	41.2	43.0	37.7	38.2	39.4	41.2	35.5	36.1	37.2	39.1	33.5	34.1	35.3	37.1	33.5	34.1	35.3	37.1									
S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.65	0.50	1.00	0.82	0.68	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.77	0.62	1.00	1.00	0.77	0.62									
ΔT	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14	23	21	17	14									
KW	2.35	2.34	2.34	2.36	2.61	2.61	2.61	2.63	2.91	2.91	2.91	2.93	3.24	3.24	3.23	3.25	3.60	3.60	3.59	3.61	4.03	4.02	4.02	4.04	4.03	4.02	4.02	4.04									
Amps	8.4	8.4	8.4	8.0	9.6	9.6	9.6	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	14.1	14.1	14.1	14.0	16.1	16.1	16.1	16.2	16.1	16.1	16.1	16.2									
HI PR	269	270	272	277	311	312	314	318	354	356	357	362	402	403	405	409	452	453	455	460	506	508	509	514	506	508	509	514									
LO PR	130	132	135	140	138	139	142	148	144	146	149	155	150	152	155	160	156	157	160	166	163	164	167	173	163	164	167	173									

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)

EXPANDED COOLING DATA — ASX140431K* + CA*F4961*6*** + EEP (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	85	59	63	67	71	95	59	63	67	71	105	59	63	67	71	115
		ENTERING INDOOR WET BULB TEMPERATURE																													
1225		MBh	39.9	40.5	41.7	43.5	39.6	40.1	41.3	43.1	43.1	38.5	39.1	40.3	42.1	36.7	37.3	38.5	40.3	40.3	34.6	35.1	36.3	38.1	32.6	33.1	34.3	36.1			
		S/T	1.00	0.82	0.68	0.5	1.00	0.82	0.68	0.53	0.53	1.00	0.85	0.71	0.6	1.00	1.00	0.73	0.58	0.58	1.00	1.00	0.75	0.6	1.00	1.00	0.81	0.66			
		ΔT	28	26	23	19	28	26	23	19	19	28	26	23	19	28	26	23	19	19	28	26	22	19	29	27	23	20			
		KW	2.32	2.32	2.31	2.3	2.59	2.59	2.58	2.60	2.60	2.89	2.89	2.88	2.9	3.21	3.21	3.21	3.23	3.23	3.58	3.57	3.57	3.6	4.00	4.00	4.00	4.02			
		Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	10.0	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.3	12.0	12.0	14.0	14.0	14.0	14.0	16.0	16.0	16.0	16.0			
		HI PR	265	266	268	273	307	308	310	314	314	351	352	354	358	398	399	401	405	405	448	449	451	456	502	504	505	510			
		LO PR	127	128	131	137	134	136	139	144	144	141	143	146	151	147	148	152	157	157	152	154	157	162	159	161	164	169			
80		MBh	40.4	41.0	42.2	44.0	40.1	40.6	41.8	43.6	43.6	39.0	39.6	40.8	42.6	37.3	37.8	39.0	40.8	40.8	35.1	35.6	36.8	38.6	33.1	33.6	34.8	36.6			
		S/T	1.00	0.88	0.74	0.6	1.00	0.89	0.74	0.60	0.60	1.00	0.91	0.77	0.6	1.00	1.00	0.79	0.64	0.64	1.00	1.00	0.81	0.7	1.00	1.00	0.87	0.72			
		ΔT	27	25	22	18	27	25	21	18	18	27	25	22	18	27	25	21	18	18	26	25	21	18	28	26	22	19			
		KW	2.33	2.33	2.33	2.4	2.60	2.60	2.60	2.62	2.62	2.90	2.90	2.90	2.9	3.23	3.23	3.23	3.24	3.24	3.59	3.59	3.58	3.6	4.02	4.01	4.01	4.03			
		Amps	8.4	8.3	8.3	8.0	9.6	9.6	9.6	10.0	10.0	11.0	11.0	10.9	11.0	12.4	12.4	12.4	12.0	12.0	14.1	14.1	14.1	14.0	16.0	16.0	16.0	16.1			
		HI PR	267	268	270	275	309	310	312	317	317	353	354	356	360	400	401	403	407	407	451	452	454	458	505	506	508	512			
		LO PR	129	130	133	139	136	138	141	146	146	143	144	148	153	149	150	153	159	159	154	156	159	164	161	163	166	171			
1575		MBh	41.1	41.6	42.8	44.6	40.7	41.3	42.4	44.3	44.3	39.7	40.2	41.4	43.2	37.9	38.4	39.6	41.4	41.4	35.7	36.3	37.4	39.3	33.7	34.3	35.5	37.3			
		S/T	1.00	0.91	0.77	0.6	1.00	0.92	0.78	0.63	0.63	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.68	0.68	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.75			
		ΔT	26	24	21	17	26	24	21	17	17	26	24	21	17	26	24	21	17	17	26	24	20	17	27	25	21	18			
		KW	2.35	2.34	2.34	2.4	2.62	2.61	2.61	2.63	2.63	2.92	2.91	2.91	2.9	3.24	3.24	3.23	3.25	3.25	3.60	3.60	3.60	3.6	4.03	4.03	4.02	4.00			
		Amps	8.4	8.4	8.4	8.0	9.6	9.6	9.6	10.0	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	13.0	14.2	14.1	14.1	14.0	16.1	16.1	16.1	16.2			
		HI PR	270	271	273	277	311	312	314	319	319	355	356	358	363	402	403	405	410	410	453	454	456	460	507	508	510	514			
		LO PR	131	132	135	141	138	140	143	148	148	145	147	150	155	151	152	155	161	161	156	158	161	166	163	165	168	173			

1225		MBh	40.6	41.1	42.3	44.1	40.2	40.8	42.0	43.8	43.8	39.2	39.7	40.9	42.7	37.4	38.0	39.1	41.0	41.0	35.2	35.8	37.0	38.8	33.2	33.8	35.0	36.8
		S/T	1.00	0.92	0.78	0.63	1.00	1.00	0.79	0.64	0.64	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	0.69	1.00	1.00	1.00	0.71	1.00	1.00	1.00	0.76
		ΔT	31	30	26	23	31	30	26	23	23	32	30	26	23	31	30	26	23	23	31	29	26	22	32	30	27	24
		KW	2.33	2.32	2.32	2.34	2.59	2.59	2.59	2.61	2.61	2.89	2.89	2.89	2.91	3.22	3.22	3.21	3.23	3.23	3.58	3.58	3.58	3.60	4.01	4.01	4.00	4.02
		Amps	8.3	8.3	8.3	8.0	9.5	9.5	9.5	10.0	10.0	10.9	10.9	10.9	11.0	12.4	12.4	12.4	12.0	12.0	14.1	14.0	14.0	14.0	16.0	16.0	16.0	16.1
		HI PR	266	267	269	274	308	309	311	316	316	352	353	355	359	399	400	402	406	406	450	451	453	457	504	505	507	511
		LO PR	129	130	133	139	136	138	141	146	146	143	145	148	153	149	150	153	159	159	154	156	159	164	161	163	166	171
85		MBh	41.1	41.7	42.8	44.7	40.7	41.3	42.5	44.3	44.3	39.7	40.3	41.5	43.3	37.9	38.5	39.7	41.5	41.5	35.7	36.3	37.5	39.3	33.8	34.3	35.5	37.3
		S/T	1.00	0.99	0.84	0.69	1.00	1.00	0.85	0.70	0.70	1.00	1.00	0.88	0.73	1.00	1.00	0.90	0.75	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
		ΔT	30	29	25	22	30	28	25	22	22	31	29	25	22	30	28	25	22	22	30	28	25	21	31	29	26	22
		KW	2.34	2.34	2.33	2.35	2.61	2.61	2.60	2.62	2.62	2.91	2.91	2.90	2.92	3.23	3.23	3.23	3.25	3.25	3.60	3.59	3.59	3.61	4.02	4.02	4.01	4.04
		Amps	8.4	8.4	8.3	8.0	9.6	9.6	9.6	10.0	10.0	11.0	11.0	10.9	11.0	12.5	12.5	12.4	13.0	13.0	14.1	14.1	14.1	14.0	16.1	16.1	16.0	16.1
		HI PR	269	270	272	276	310	311	313	318	318	354	355	357	362	401	402	404	409	409	452	453	455	459	506	507	509	514
		LO PR	130	132	135	141	138	140	143	148	148	145	146	150	155	150	152	155	161	161	156	158	161	166	163	165	168	173
1575		MBh	41.7	42.3	43.5	45.3	41.4	41.9	43.1	44.9	44.9	40.3	40.9	42.1	43.9	38.5	39.1	40.3	42.1	42.1	36.4	36.9	38.1	39.9	34.4	34.9	36.1	37.9
		S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.89	0.74	0.74	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.86
		ΔT	29	28	24	21	29	28	24	21	21	30	28	24	21	29	28	24	21	21	29	27	24	20	30	28	25	21
		KW	2.35	2.35	2.34	2.37	2.62	2.62	2.61	2.63	2.63	2.92	2.92	2.91	2.93	3.24	3.24	3.24	3.26	3.26	3.61	3.61	3.60	3.62	4.03	4.03	4.03	4.05
		Amps	8.4	8.4	8.4	8.0	9.7	9.6	9.6	10.0	10.0	11.0	11.0	11.0	11.0	12.5	12.5	12.5	13.0	13.0	14.2	14.2	14.1	14.0	16.1	16.1	16.1	16.2
		HI PR	271	272	274	278	312	314	315	320	320	356	357	359	364	403	404	406	411	411	454	455	457	462	508	509	511	516
		LO PR	132	134	137	143	140	142	145	150	150	147	148	152	157	153	154	157	163	163	158	160	163	168	165	167	170	175

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1400	MBh	46.4	47.1	48.5	-	46.0	46.7	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.8	-	40.2	40.8	42.2	-	37.9	38.5	39.9	-	40.2	40.8	42.2	-	37.9	38.5	39.9	-			
		S/T	0.61	0.54	0.41	-	0.62	0.55	0.41	-	0.65	0.57	0.44	-	0.66	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.66	0.53	-	1.00	0.61	0.48	-	1.00	0.66	0.53	-			
		ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	19	17	14	-	20	18	15	-			
		KW	2.77	2.77	2.76	-	3.09	3.08	3.08	-	3.44	3.44	3.43	-	3.83	3.82	3.82	-	4.26	4.25	4.25	-	4.76	4.76	4.75	-	4.26	4.25	4.25	-	4.76	4.76	4.75	-			
	Amps	10.1	10.1	10.0	-	11.5	11.5	11.5	-	13.2	13.2	13.1	-	14.9	14.9	14.9	-	16.9	16.9	16.9	-	19.2	19.2	19.2	-	16.9	16.9	16.9	-	19.2	19.2	19.2	-				
	HI PR	259	259	260	-	298	299	301	-	341	342	343	-	386	387	389	-	436	437	438	-	488	489	491	-	436	437	438	-	488	489	491	-				
	LO PR	123	125	128	-	131	132	136	-	137	139	142	-	143	145	148	-	148	150	153	-	155	157	160	-	148	150	153	-	155	157	160	-				
	MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-				
	S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-				
	ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	19	17	14	-	18	16	13	-	19	17	14	-				
	KW	2.78	2.78	2.77	-	3.10	3.10	3.09	-	3.45	3.45	3.45	-	3.84	3.84	3.83	-	4.27	4.27	4.26	-	4.77	4.77	4.76	-	4.27	4.27	4.26	-	4.77	4.77	4.76	-				
	Amps	10.1	10.1	10.1	-	11.6	11.6	11.6	-	13.2	13.2	13.2	-	15.0	15.0	14.9	-	16.9	16.9	16.9	-	19.3	19.2	19.2	-	16.9	16.9	16.9	-	19.3	19.2	19.2	-				
HI PR	259	260	262	-	300	301	303	-	342	343	345	-	388	389	391	-	437	438	440	-	490	491	493	-	437	438	440	-	490	491	493	-					
LO PR	127	126	129	-	132	134	137	-	139	140	144	-	144	146	149	-	150	151	154	-	157	158	161	-	150	151	154	-	157	158	161	-					
MBh	47.9	48.5	49.9	-	47.5	48.1	49.5	-	46.2	46.9	48.3	-	44.2	44.8	46.2	-	41.6	42.3	43.7	-	39.3	40.0	41.3	-	41.6	42.3	43.7	-	39.3	40.0	41.3	-					
S/T	0.70	0.62	0.49	-	0.70	0.63	0.49	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-	1.00	0.69	0.56	-	1.00	0.74	0.61	-					
ΔT	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-	17	15	12	-	18	16	13	-					
KW	2.80	2.80	2.79	-	3.12	3.11	3.11	-	3.47	3.47	3.46	-	3.86	3.85	3.85	-	4.29	4.28	4.28	-	4.79	4.79	4.78	-	4.29	4.28	4.28	-	4.79	4.79	4.78	-					
Amps	10.2	10.2	10.2	-	11.7	11.7	11.6	-	13.3	13.3	13.3	-	15.1	15.0	15.0	-	17.0	17.0	17.0	-	19.3	19.3	19.3	-	17.0	17.0	17.0	-	19.3	19.3	19.3	-					
HI PR	262	263	265	-	302	304	305	-	345	346	348	-	391	392	394	-	440	441	443	-	493	494	496	-	440	441	443	-	493	494	496	-					
LO PR	127	129	132	-	135	136	140	-	141	143	146	-	147	149	152	-	152	154	157	-	159	161	164	-	152	154	157	-	159	161	164	-					
75	1400	MBh	46.4	47.1	48.5	50.6	46.0	46.7	48.1	50.2	44.8	45.5	46.9	49.0	42.7	43.4	44.8	46.9	40.2	40.9	42.2	44.4	37.9	38.5	39.9	42.0	40.2	40.9	42.2	44.4	37.9	38.5	39.9	42.0			
		S/T	0.74	0.67	0.53	0.39	0.75	0.67	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.74	0.60	0.46	1.00	1.00	0.66	0.51	1.00	0.74	0.60	0.46	1.00	1.00	0.66	0.51			
		ΔT	23	21	18	15	23	21	18	14	23	22	18	15	23	21	18	14	23	21	18	14	24	22	19	15	23	21	18	14	24	22	19	15			
		KW	2.77	2.76	2.76	2.78	3.08	3.08	3.08	3.10	3.44	3.44	3.43	3.46	3.82	3.82	3.82	3.84	4.25	4.25	4.25	4.27	4.76	4.76	4.75	4.77	4.25	4.25	4.25	4.27	4.76	4.76	4.75	4.77			
	Amps	10.1	10.1	10.0	10.1	11.5	11.5	11.5	11.6	13.2	13.1	13.1	13.2	14.9	14.9	14.9	15.0	16.9	16.9	16.8	17.0	19.2	19.2	19.1	19.3	16.9	16.9	16.8	17.0	19.2	19.2	19.1	19.3				
	HI PR	258	259	261	265	298	299	301	306	341	342	344	348	386	388	389	394	436	437	439	443	488	490	491	496	436	437	439	443	488	490	491	496				
	LO PR	123	125	128	133	131	132	136	141	137	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165	148	150	153	158	155	157	160	165				
	MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.5	43.2	43.9	45.3	47.4	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5				
	S/T	0.79	0.71	0.58	0.44	0.79	0.72	0.58	0.44	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56				
	ΔT	22	21	17	14	22	20	17	14	23	21	17	14	22	20	17	14	22	20	17	13	23	21	18	15	22	20	17	13	23	21	18	15				
	KW	2.78	2.78	2.77	2.80	3.10	3.09	3.09	3.11	3.45	3.45	3.44	3.47	3.84	3.83	3.83	3.85	4.27	4.26	4.26	4.28	4.77	4.77	4.76	4.79	4.27	4.26	4.26	4.28	4.77	4.77	4.76	4.79				
	Amps	10.1	10.1	10.1	10.2	11.6	11.6	11.5	11.7	13.2	13.2	13.2	13.3	15.0	15.0	14.9	15.0	16.9	16.9	16.9	17.0	19.2	19.2	19.2	19.3	16.9	16.9	16.9	17.0	19.2	19.2	19.2	19.3				
HI PR	259	260	262	267	300	301	303	307	342	344	345	350	388	389	391	396	437	439	440	445	490	491	493	498	437	439	440	445	490	491	493	498					
LO PR	125	126	129	135	132	134	137	142	139	140	144	149	144	146	149	154	150	151	155	160	157	158	161	167	150	151	155	160	157	158	161	167					
MBh	47.9	48.5	49.9	52.0	47.5	48.1	49.5	51.6	46.3	46.9	48.3	50.4	44.2	44.8	46.2	48.3	41.7	42.3	43.7	45.8	39.3	40.0	41.4	43.5	41.7	42.3	43.7	45.8	39.3	40.0	41.4	43.5					
S/T	0.82	0.75	0.62	0.47	1.00	0.76	0.62	0.48	1.00	0.78	0.65	0.50	1.00	0.80	0.67	0.52	1.00	0.82	0.69	0.55	1.00	1.00	0.74	0.60	1.00	0.82	0.69	0.55	1.00	1.00	0.74	0.60					
ΔT	21	19	16	13	21	19	16	12	21	20	16	13	21	19	16	12	21	19	16	12	22	20	17	13	21	19	16	12	22	20	17	13					
KW	2.80	2.79	2.79	2.81	3.11	3.11	3.11	3.13	3.47	3.47	3.46	3.49	3.85	3.85	3.85	3.87	4.28	4.28	4.28	4.30	4.79	4.79	4.78	4.80	4.28	4.28	4.28	4.30	4.79	4.79	4.78	4.80					
Amps	10.2	10.2	10.2	10.3	11.7	11.7	11.6	11.7	13.3	13.3	13.3	13.4	15.1	15.0	15.0	15.1	17.0	17.0	17.0	17.1	19.3	19.3	19.3	19.4	17.0	17.0	17.0	17.1	19.3	19.3	19.3	19.4					
HI PR	262	263	265	270	303	304	306	310	345	346	348	353	391	392	394	398	440	441	443	448	493	494	496	500	440	441	443	448	493	494	496	500					
LO PR	127	129	132	137	135	136	140	145	142	143	146	151	147	149	152	157	152	154	157	162	159	161	164	169	152	154	157	162	159	161	164	169					

EXPANDED COOLING DATA — ASX140481K* + CA*F4860*6** + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	46.7	47.3	48.7	50.8	46.3	46.9	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.6	45.0	47.1	40.4	41.1	42.5	44.6	38.1	38.8	40.2	42.3
	S/T	1.00	0.79	0.66	0.5	1.00	0.80	0.66	0.52	1.00	0.82	0.69	0.6	1.00	0.84	0.71	0.57	1.00	1.00	0.73	0.6	1.00	1.00	0.78	0.64
	ΔT	27	25	22	19	27	25	22	18	27	26	22	19	27	25	22	18	27	25	22	18	28	26	23	19
	KW	2.77	2.77	2.76	2.8	3.09	3.08	3.08	3.10	3.44	3.44	3.43	3.5	3.83	3.82	3.82	3.84	4.26	4.25	4.25	4.3	4.76	4.76	4.75	4.78
	Amps	10.1	10.1	10.0	10.2	11.5	11.5	11.5	11.6	13.2	13.1	13.1	13.2	14.9	14.9	14.9	15.0	16.9	16.9	16.9	17.0	19.2	19.2	19.2	19.3
	HI PR	258	259	261	266	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	444	489	490	492	496
	LO PR	124	125	129	134	131	133	136	141	138	140	143	148	144	145	148	153	149	151	154	159	156	157	160	166
	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	40.9	41.6	43.0	45.1	38.6	39.3	40.6	42.8
	S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.6	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.68
	ΔT	26	25	21	18	26	24	21	18	27	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18
KW	2.78	2.78	2.77	2.8	3.10	3.10	3.09	3.12	3.45	3.45	3.45	3.5	3.84	3.84	3.83	3.86	4.27	4.27	4.26	4.3	4.77	4.77	4.76	4.79	
Amps	10.1	10.1	10.1	10.2	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	15.0	15.0	14.9	15.1	16.9	16.9	16.9	17.0	19.3	19.2	19.2	19.3	
HI PR	260	261	263	267	300	302	303	308	343	344	346	350	389	390	392	396	438	439	441	445	491	492	493	498	
LO PR	125	127	130	135	133	134	138	143	139	141	144	149	145	146	150	155	150	152	155	160	157	159	162	167	
MBh	48.1	48.8	50.2	52.3	47.7	48.4	49.8	51.9	46.5	47.2	48.5	50.7	44.4	45.1	46.5	48.6	41.9	42.5	43.9	46.0	39.6	40.2	41.6	43.7	
S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.75	0.60	1.00	0.90	0.77	0.6	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.7	1.00	1.00	0.86	0.72	
ΔT	25	23	20	17	25	23	20	16	25	24	20	17	25	23	20	16	25	23	20	16	26	24	21	17	
KW	2.80	2.80	2.79	2.8	3.12	3.11	3.11	3.13	3.47	3.47	3.46	3.5	3.86	3.85	3.85	3.87	4.29	4.28	4.28	4.3	4.79	4.79	4.78	4.81	
Amps	10.2	10.2	10.2	10.3	11.7	11.7	11.6	11.7	13.3	13.3	13.3	13.4	15.1	15.0	15.0	15.1	17.0	17.0	17.0	17.1	19.3	19.3	19.3	19.4	
HI PR	263	264	266	270	303	304	306	311	346	347	349	353	391	392	394	399	441	442	444	448	493	494	496	501	
LO PR	128	130	133	138	136	137	140	145	142	144	147	152	148	149	152	157	153	155	158	163	160	161	165	170	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
85	MBh	47.5	48.1	49.5	51.6	47.1	47.7	49.1	51.2	45.8	46.5	47.9	50.0	43.8	44.4	45.8	47.9	41.2	41.9	43.3	45.4	38.9	39.6	40.9	43.0
	S/T	1.00	0.89	0.76	0.62	1.00	0.90	0.76	0.62	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	1.00	0.74
	ΔT	31	29	26	22	31	29	25	22	31	29	26	22	31	29	25	22	30	29	25	22	31	30	26	23
	KW	2.77	2.77	2.77	2.79	3.09	3.09	3.08	3.11	3.45	3.45	3.44	3.46	3.83	3.83	3.82	3.85	4.26	4.26	4.25	4.28	4.77	4.76	4.76	4.78
	Amps	10.1	10.1	10.1	10.2	11.6	11.6	11.5	11.6	13.2	13.2	13.2	13.3	14.9	14.9	14.9	15.0	16.9	16.9	16.9	17.0	19.2	19.2	19.2	19.3
	HI PR	259	261	262	267	300	301	303	307	342	344	345	350	388	389	391	396	437	439	440	445	490	491	493	498
	LO PR	126	127	130	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	168
	MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	41.7	42.4	43.7	45.9	39.4	40.0	41.4	43.5
	S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.78
	ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	31	29	26	22
KW	2.79	2.78	2.78	2.80	3.10	3.10	3.10	3.12	3.46	3.46	3.45	3.48	3.84	3.84	3.84	3.86	4.27	4.27	4.27	4.29	4.78	4.78	4.77	4.79	
Amps	10.2	10.2	10.1	10.2	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	15.0	15.0	15.0	15.1	17.0	17.0	16.9	17.0	19.3	19.3	19.2	19.4	
HI PR	261	262	264	268	302	303	305	309	344	345	347	351	390	391	393	397	439	440	442	447	492	493	495	499	
LO PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	151	157	152	154	157	162	159	161	164	169	
MBh	48.9	49.6	51.0	53.1	48.5	49.2	50.5	52.6	47.3	47.9	49.3	51.4	45.2	45.9	47.2	49.4	42.7	43.3	44.7	46.8	40.3	41.0	42.4	44.5	
S/T	1.00	0.97	0.84	0.70	1.00	1.00	0.85	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82	
ΔT	29	27	24	20	29	27	23	20	29	27	24	20	29	27	23	20	28	27	23	20	30	28	24	21	
KW	2.80	2.80	2.80	2.82	3.12	3.12	3.11	3.14	3.48	3.48	3.47	3.49	3.86	3.86	3.85	3.88	4.29	4.29	4.28	4.31	4.80	4.79	4.79	4.81	
Amps	10.2	10.2	10.2	10.3	11.7	11.7	11.7	11.8	13.3	13.3	13.3	13.4	15.1	15.1	15.0	15.2	17.1	17.0	17.0	17.1	19.4	19.3	19.3	19.4	
HI PR	264	265	267	271	304	305	307	312	347	348	350	354	393	394	395	400	442	443	445	449	495	496	497	502	
LO PR	130	131	135	140	137	139	142	147	144	145	149	154	149	151	154	159	155	156	160	165	162	163	166	172	

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)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115												
		65						75						85						95						105						115						
		AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
70	1550	MBh	58.8	59.6	61.3	-	58.2	59.1	60.8	-	56.7	57.5	59.3	-	54.1	54.9	56.7	-	50.9	51.7	53.5	-	48.0	48.8	50.6	-	48.0	48.8	50.6	-	48.0	48.8	50.6	-	48.0	48.8	50.6	-
		S/T	0.62	0.55	0.42	-	0.62	0.55	0.43	-	0.65	0.58	0.45	-	0.66	0.59	0.47	-	0.69	0.61	0.49	-	1.00	0.66	0.54	-	1.00	0.66	0.54	-	1.00	0.66	0.54	-	1.00	0.66	0.54	-
		ΔT	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	22	20	16	-	22	20	16	-	22	20	16	-	22	20	16	-
		KW	3.43	3.42	3.42	-	3.85	3.85	3.84	-	4.33	4.33	4.32	-	4.84	4.84	4.83	-	5.42	5.42	5.41	-	6.09	6.09	6.08	-	6.09	6.09	6.08	-	6.09	6.09	6.08	-	6.09	6.09	6.08	-
		Amps	13.2	13.2	13.1	-	15.1	15.1	15.1	-	17.3	17.3	17.3	-	19.7	19.6	19.6	-	22.3	22.3	22.2	-	25.4	25.4	25.3	-	25.4	25.4	25.3	-	25.4	25.4	25.3	-	25.4	25.4	25.3	-
		HI PR	270	271	273	-	312	313	315	-	356	358	359	-	404	405	407	-	455	457	459	-	510	511	513	-	510	511	513	-	510	511	513	-	510	511	513	-
	LO PR	117	118	121	-	124	125	128	-	130	131	134	-	135	136	139	-	140	141	144	-	146	148	151	-	146	148	151	-	146	148	151	-	146	148	151	-	
	1750	MBh	59.7	60.5	62.3	-	59.2	60.0	61.7	-	57.7	58.5	60.2	-	55.1	55.9	57.6	-	51.9	52.7	54.4	-	49.0	49.8	51.5	-	49.0	49.8	51.5	-	49.0	49.8	51.5	-	49.0	49.8	51.5	-
		S/T	0.65	0.58	0.45	-	0.66	0.58	0.46	-	0.68	0.61	0.48	-	0.70	0.63	0.50	-	0.72	0.65	0.52	-	1.00	0.69	0.57	-	1.00	0.69	0.57	-	1.00	0.69	0.57	-	1.00	0.69	0.57	-
		ΔT	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	19	17	14	-	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-
		KW	3.45	3.44	3.43	-	3.87	3.87	3.86	-	4.35	4.34	4.34	-	4.86	4.86	4.85	-	5.44	5.43	5.43	-	6.11	6.11	6.10	-	6.11	6.11	6.10	-	6.11	6.11	6.10	-	6.11	6.11	6.10	-
		Amps	13.3	13.3	13.2	-	15.2	15.2	15.2	-	17.4	17.4	17.3	-	19.8	19.7	19.7	-	22.4	22.4	22.3	-	25.5	25.5	25.4	-	25.5	25.5	25.4	-	25.5	25.5	25.4	-	25.5	25.5	25.4	-
HI PR		272	273	275	-	314	316	318	-	359	360	362	-	406	408	409	-	458	459	461	-	513	514	516	-	513	514	516	-	513	514	516	-	513	514	516	-	
LO PR	118	120	123	-	125	127	130	-	132	133	136	-	137	138	141	-	142	143	146	-	148	150	153	-	148	150	153	-	148	150	153	-	148	150	153	-		
2000	MBh	61.2	62.0	63.7	-	60.6	61.5	63.2	-	59.1	60.0	61.7	-	56.5	57.3	59.1	-	53.3	54.2	55.9	-	50.4	51.3	53.0	-	50.4	51.3	53.0	-	50.4	51.3	53.0	-	50.4	51.3	53.0	-	
	S/T	0.66	0.59	0.46	-	0.66	0.59	0.47	-	0.69	0.62	0.49	-	0.71	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.70	0.58	-	1.00	0.70	0.58	-	1.00	0.70	0.58	-					
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	20	18	14	-	20	18	14	-	20	18	14	-	20	18	14	-	
	KW	3.47	3.46	3.46	-	3.89	3.89	3.88	-	4.37	4.37	4.36	-	4.88	4.88	4.87	-	5.46	5.46	5.45	-	6.13	6.13	6.12	-	6.13	6.13	6.12	-	6.13	6.13	6.12	-	6.13	6.13	6.12	-	
	Amps	13.4	13.3	13.3	-	15.3	15.3	15.3	-	17.5	17.5	17.4	-	19.8	19.8	19.8	-	22.5	22.5	22.4	-	25.6	25.6	25.5	-	25.6	25.6	25.5	-	25.6	25.6	25.5	-	25.6	25.6	25.5	-	
	HI PR	275	276	278	-	317	319	320	-	362	363	365	-	409	410	412	-	461	462	464	-	516	517	519	-	516	517	519	-	516	517	519	-	516	517	519	-	
LO PR	121	123	126	-	128	130	133	-	134	136	139	-	140	141	144	-	145	146	149	-	151	152	155	-	151	152	155	-	151	152	155	-	151	152	155	-		
75	1550	MBh	58.8	59.6	61.3	64.0	58.3	59.1	60.8	63.5	56.8	57.6	59.3	62.0	54.1	55.0	56.7	59.3	51.0	51.8	53.5	56.2	48.1	48.9	50.6	53.3	48.1	48.9	50.6	53.3	48.1	48.9	50.6	53.3				
		S/T	0.74	0.67	0.54	0.41	0.74	0.67	0.55	0.41	0.77	0.70	0.57	0.44	1.00	0.71	0.59	0.46	1.00	0.73	0.61	0.48	1.00	0.78	0.66	0.52	1.00	0.78	0.66	0.52	1.00	0.78	0.66	0.52				
		ΔT	25	23	20	16	25	23	19	16	26	24	20	16	25	23	19	16	25	23	19	15	26	24	20	17	26	24	20	17	26	24	20	17				
		KW	3.42	3.42	3.41	3.45	3.85	3.85	3.84	3.87	4.33	4.32	4.32	4.35	4.84	4.84	4.83	4.86	5.42	5.41	5.41	5.44	6.09	6.09	6.08	6.11	6.09	6.09	6.08	6.11	6.09	6.09	6.08	6.11				
		Amps	13.2	13.1	13.1	13.3	15.1	15.1	15.1	15.2	17.3	17.3	17.2	17.4	19.7	19.6	19.6	19.8	22.3	22.3	22.2	22.4	25.4	25.4	25.3	25.5	25.4	25.4	25.3	25.5	25.4	25.4	25.3	25.5				
		HI PR	270	271	273	278	312	314	315	320	357	358	360	364	404	405	407	412	456	457	459	463	511	512	514	518	511	512	514	518	511	512	514	518				
	LO PR	117	118	121	126	124	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	148	151	155	146	148	151	155	146	148	151	155					
	1750	MBh	59.7	60.6	62.3	64.9	59.2	60.0	61.8	64.4	57.7	58.5	60.3	62.9	55.1	55.9	57.6	60.3	51.9	52.7	54.5	57.1	49.0	49.8	51.6	54.2	49.0	49.8	51.6	54.2	49.0	49.8	51.6	54.2				
		S/T	0.77	0.70	0.57	0.44	0.78	0.70	0.58	0.45	0.80	0.73	0.60	0.47	1.00	0.75	0.62	0.49	1.00	0.77	0.64	0.51	1.00	0.81	0.69	0.56	1.00	0.81	0.69	0.56	1.00	0.81	0.69	0.56				
		ΔT	24	22	18	15	24	22	18	14	25	23	19	15	24	22	18	14	24	22	18	14	25	23	19	15	25	23	19	15	25	23	19	15				
		KW	3.44	3.44	3.43	3.46	3.87	3.87	3.86	3.89	4.34	4.34	4.33	4.37	4.86	4.86	4.85	4.88	5.44	5.43	5.42	5.46	6.11	6.11	6.10	6.13	6.11	6.11	6.10	6.13	6.11	6.11	6.10	6.13				
		Amps	13.3	13.2	13.2	13.4	15.2	15.2	15.2	15.3	17.4	17.4	17.3	17.5	19.7	19.7	19.7	19.8	22.4	22.4	22.3	22.5	25.5	25.5	25.4	25.6	25.5	25.5	25.4	25.6	25.5	25.5	25.4	25.6				
HI PR		272	274	276	280	315	316	318	322	359	360	362	367	407	408	410	414	458	459	461	466	513	514	516	521	513	514	516	521	513	514	516	521					
LO PR	118	120	123	128	125	127	130	135	132	133	136	141	137	138	141	146	142	143	146	151	148	150	153	157	148	150	153	157	148	150	153	157						
2000	MBh	61.2	62.0	63.8	66.4	60.7	61.5	63.2	65.9	59.2	60.0	61.7	64.4	56.6	57.4	59.1	61.8	53.4	54.2	55.9	58.6	50.5	51.3	53.0	55.7	50.5	51.3	53.0	55.7	50.5	51.3	53.0	55.7					
	S/T	0.78	0.71	0.58	0.45	0.78	0.71	0.59	0.46	1.00	0.74	0.61	0.48	1.00	0.75	0.63	0.50	1.00	0.78	0.65	0.52	1.00	0.82	0.70	0.56	1.00	0.82	0.70	0.56	1.00	0.82	0.70	0.56					
	ΔT	23	21	17	13	23	21	17	13	23	21	18	14	23	21	17	13	23	21	17	13	24	22	18	14	24	22	18	14	24	22	18	14					
	KW	3.46	3.46	3.45	3.49	3.89	3.89	3.88	3.91	4.37	4.36	4.36	4.39	4.88	4.88	4.87	4.90	5.46	5.45	5.45	5.48	6.13	6.13	6.12	6.15	6.13	6.13	6.12	6.15	6.13	6.13	6.12	6.15					
	Amps	13.3	13.3	13.3	13.4	15.3	15.3	15.3	15.4	17.5	17.5	17.4	17.6	19.8	19.8	19.8	19.9	22.5	22.5	22.4	22.6	25.6	25.6	25.5	25.7	25.6	25.6	25.5	25.7	25.6	25.6	25.5	25.7					
	HI PR</																																					

EXPANDED COOLING DATA — ASX140601K* +CA*F4961*6** + EEP + TXV (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		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	1550	59.1	59.9	61.6	64.3	58.6	59.4	61.1	63.8	57.1	57.9	59.6	62.3	54.4	55.3	57.0	59.6	51.3	52.1	53.8	56.5	48.4	49.2	50.9	53.6
		0.85	0.78	0.66	0.5	1.00	0.79	0.66	0.53	1.00	0.81	0.69	0.6	1.00	0.83	0.70	0.57	1.00	0.85	0.72	0.6	1.00	1.00	0.77	0.64
	ΔT	30	28	24	20	30	28	24	20	30	28	24	20	30	28	24	20	30	28	24	20	31	29	25	21
	KW	3.43	3.42	3.42	3.5	3.85	3.85	3.84	3.87	4.33	4.32	4.32	4.4	4.84	4.84	4.83	4.87	5.42	5.42	5.41	5.4	6.09	6.09	6.08	6.12
	Amps	13.2	13.2	13.1	13.3	15.1	15.1	15.1	15.2	17.3	17.3	17.3	17.4	19.7	19.6	19.6	19.8	22.3	22.3	22.2	22.4	25.4	25.4	25.3	25.5
	HI PR	271	272	274	278	313	314	316	321	357	358	360	365	405	406	408	413	456	457	459	464	511	512	514	519
	LO PR	117	118	121	126	124	125	128	133	130	132	135	139	135	137	140	145	140	142	145	150	147	148	151	156
		60.0	60.9	62.6	65.2	59.5	60.3	62.1	64.7	58.0	58.8	60.6	63.2	55.4	56.2	57.9	60.6	52.2	53.0	54.8	57.4	49.3	50.1	51.9	54.5
	S/T	0.89	0.81	0.69	0.6	1.00	0.82	0.70	0.56	1.00	0.84	0.72	0.6	1.00	0.86	0.74	0.60	1.00	0.88	0.76	0.6	1.00	1.00	0.80	0.67
	ΔT	29	27	23	19	29	27	23	19	29	27	23	19	29	27	23	19	29	26	23	19	30	28	24	20
KW	3.44	3.44	3.43	3.5	3.87	3.87	3.86	3.89	4.35	4.34	4.34	4.4	4.86	4.86	4.85	4.88	5.44	5.43	5.43	5.5	6.11	6.11	6.10	6.13	
Amps	13.3	13.2	13.2	13.4	15.2	15.2	15.2	15.3	17.4	17.4	17.3	17.5	19.7	19.7	19.7	19.8	22.4	22.4	22.3	22.5	25.5	25.5	25.4	25.6	
HI PR	273	274	276	281	315	316	318	323	359	361	362	367	407	408	410	415	458	460	462	466	513	514	516	521	
LO PR	119	120	123	128	126	127	130	135	132	134	136	141	137	139	142	146	142	144	147	152	149	150	153	158	
	61.5	62.3	64.1	66.7	61.0	61.8	63.5	66.2	59.5	60.3	62.0	64.7	56.9	57.7	59.4	62.1	53.7	54.5	56.2	58.9	50.8	51.6	53.3	56.0	
S/T	0.89	0.82	0.70	0.6	1.00	0.83	0.70	0.57	1.00	0.85	0.73	0.6	1.00	0.87	0.75	0.61	1.00	1.00	0.77	0.6	1.00	1.00	0.81	0.68	
ΔT	28	26	22	18	28	26	22	18	28	26	22	18	28	26	22	18	27	25	21	18	29	27	23	19	
KW	3.47	3.46	3.46	3.5	3.89	3.89	3.88	3.91	4.37	4.36	4.36	4.4	4.88	4.88	4.87	4.90	5.46	5.46	5.45	5.5	6.13	6.13	6.12	6.16	
Amps	13.4	13.3	13.3	13.5	15.3	15.3	15.3	15.4	17.5	17.5	17.4	17.6	19.8	19.8	19.8	19.9	22.5	22.5	22.4	22.6	25.6	25.6	25.5	25.7	
HI PR	276	277	279	284	318	319	321	326	362	364	365	370	410	411	413	418	461	463	464	469	516	517	519	524	
LO PR	122	123	126	131	129	130	133	138	135	136	139	144	140	142	144	149	145	147	150	154	152	153	156	161	

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
85	1550	60.1	60.9	62.6	65.3	59.5	60.4	62.1	64.7	58.0	58.8	60.6	63.2	55.4	56.2	58.0	60.6	52.2	53.1	54.8	57.4	49.3	50.2	51.9	54.5
		1.00	0.88	0.75	0.62	1.00	0.88	0.76	0.62	1.00	0.91	0.78	0.65	1.00	1.00	0.80	0.67	1.00	1.00	0.82	0.69	1.00	1.00	0.87	0.73
	ΔT	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24	34	32	28	24	35	33	29	25
	KW	3.43	3.43	3.42	3.46	3.86	3.86	3.85	3.88	4.34	4.33	4.33	4.36	4.85	4.85	4.84	4.87	5.43	5.42	5.42	5.45	6.10	6.10	6.09	6.12
	Amps	13.2	13.2	13.2	13.3	15.2	15.1	15.1	15.3	17.3	17.3	17.3	17.4	19.7	19.7	19.7	19.8	22.3	22.3	22.3	22.4	25.4	25.4	25.4	25.5
	HI PR	272	273	275	280	314	315	317	322	358	360	361	366	406	407	409	414	457	459	460	465	512	513	515	520
	LO PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	142	144	146	151	148	150	153	158
		61.0	61.8	63.6	66.2	60.5	61.3	63.0	65.7	59.0	59.8	61.5	64.2	56.4	57.2	58.9	61.6	53.2	54.0	55.7	58.4	50.3	51.1	52.8	55.5
	S/T	1.00	0.91	0.78	0.65	1.00	0.91	0.79	0.66	1.00	0.94	0.81	0.68	1.00	1.00	0.83	0.70	1.00	1.00	0.85	0.72	1.00	1.00	0.90	0.77
	ΔT	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23	33	31	27	23	34	32	28	24
KW	3.45	3.45	3.44	3.48	3.88	3.88	3.87	3.90	4.36	4.35	4.34	4.38	4.87	4.87	4.86	4.89	5.45	5.44	5.44	5.47	6.12	6.12	6.11	6.14	
Amps	13.3	13.3	13.3	13.4	15.3	15.2	15.2	15.4	17.4	17.4	17.4	17.5	19.8	19.8	19.7	19.9	22.4	22.4	22.4	22.5	25.5	25.5	25.5	25.6	
HI PR	274	275	277	282	316	318	319	324	361	362	364	368	408	410	411	416	460	461	463	467	515	516	518	522	
LO PR	121	122	125	130	128	129	132	137	134	135	138	143	139	140	143	148	144	145	148	153	150	152	155	160	
	62.5	63.3	65.0	67.7	62.0	62.8	64.5	67.2	60.4	61.3	63.0	65.6	57.8	58.7	60.4	63.0	54.7	55.5	57.2	59.9	51.7	52.6	54.3	56.9	
S/T	1.00	0.92	0.79	0.66	1.00	0.92	0.80	0.67	1.00	1.00	0.82	0.69	1.00	1.00	0.84	0.71	1.00	1.00	0.86	0.73	1.00	1.00	0.91	0.77	
ΔT	32	30	26	22	32	30	26	22	32	30	26	22	32	30	26	22	31	29	26	22	33	31	27	23	
KW	3.47	3.47	3.46	3.50	3.90	3.90	3.89	3.92	4.38	4.37	4.37	4.40	4.89	4.89	4.88	4.91	5.47	5.46	5.46	5.49	6.14	6.14	6.13	6.16	
Amps	13.4	13.4	13.3	13.5	15.3	15.3	15.3	15.4	17.5	17.5	17.5	17.6	19.9	19.9	19.8	20.0	22.5	22.5	22.5	22.6	25.6	25.6	25.6	25.7	
HI PR	277	278	280	285	319	321	322	327	364	365	367	371	411	412	414	419	463	464	466	470	518	519	521	525	
LO PR	124	125	128	133	131	132	135	140	137	138	141	146	142	143	146	151	147	148	151	156	153	155	158	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)

ASX140181K* / CA*F3636*6** W/.052" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 600 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	19,300	13,124	6,176	1,220
80	19,050	13,142	5,908	1,290
85	18,800	13,160	5,640	1,360
90	18,400	13,060	5,340	1,435
95	18,000	12,960	5,040	1,510
100	17,500	12,770	4,730	1,595
105	17,000	12,580	4,420	1,680
110	16,550	12,650	3,901	1,780
115	16,100	12,719	3,381	1,880
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,400	12,700	4,700	1,510

ASX140191K* / CA*F3636*6** W/.053" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 550 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	18,900	13,041	5,859	1,160
80	18,650	13,145	5,506	1,225
85	18,400	13,248	5,152	1,290
90	18,000	13,136	4,864	1,360
95	17,600	13,024	4,576	1,430
100	17,100	12,820	4,280	1,530
105	16,600	12,616	3,984	1,590
110	16,150	12,667	3,484	1,680
115	15,700	12,717	2,983	1,770
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,000	12,750	4,250	1,430

ASX140241L* / CA*F3636*6** W/.057" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 700 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	24,877	16,961	7,916	1,554
80	24,568	17,040	7,528	1,644
85	24,260	17,120	7,140	1,735
90	23,730	16,961	6,769	1,833
95	23,200	16,802	6,397	1,931
100	22,552	16,564	5,988	2,040
105	21,904	16,326	5,578	2,149
110	21,312	16,393	4,919	2,278
115	20,721	16,461	4,260	2,406
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,400	16,802	5,598	1,931

ASX140251L* / CA*F3636*6** W/.057" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 700 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	25,500	17,085	8,415	1,570
80	25,200	17,258	7,943	1,660
85	24,900	17,430	7,470	1,750
90	24,350	17,283	7,067	1,850
95	23,800	17,136	6,664	1,950
100	23,150	16,893	6,257	2,060
105	22,500	16,650	5,850	2,170
110	21,900	16,739	5,162	2,300
115	21,300	16,827	4,473	2,430
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	23,000	16,790	6,210	1,950

ASX140301K* / CA*F3642*6** W/.065" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,900	21,630	9,270	1,960
80	30,500	21,651	8,849	2,070
85	30,100	21,672	8,428	2,180
90	29,450	21,492	7,958	2,300
95	28,800	21,312	7,488	2,420
100	28,000	20,992	7,008	2,550
105	27,200	20,672	6,528	2,680
110	26,450	20,745	5,706	2,840
115	25,700	20,817	4,883	3,000
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,800	20,850	6,950	2,420

ASX140311K* / CA*F3137*6** W/.063" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1000 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,700	22,718	7,982	1,920
80	30,300	22,871	7,430	2,025
85	29,900	23,023	6,877	2,130
90	29,250	22,809	6,442	2,245
95	28,600	22,594	6,006	2,360
100	27,800	22,232	5,568	2,490
105	27,000	21,870	5,130	2,620
110	26,250	21,900	4,350	2,770
115	25,500	21,930	3,570	2,920
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,600	20,080	5,520	2,360

ASX140361K* / CA*F3642*6** W/.068" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1200 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	36,700	25,690	11,010	2,330
80	36,250	25,733	10,517	2,460
85	35,800	25,776	10,024	2,590
90	35,000	25,542	9,458	2,730
95	34,200	25,308	8,892	2,870
100	33,250	24,928	8,322	3,030
105	32,300	24,548	7,752	3,190
110	31,400	24,627	6,774	3,370
115	30,500	24,705	5,795	3,550
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,000	24,750	8,250	2,870

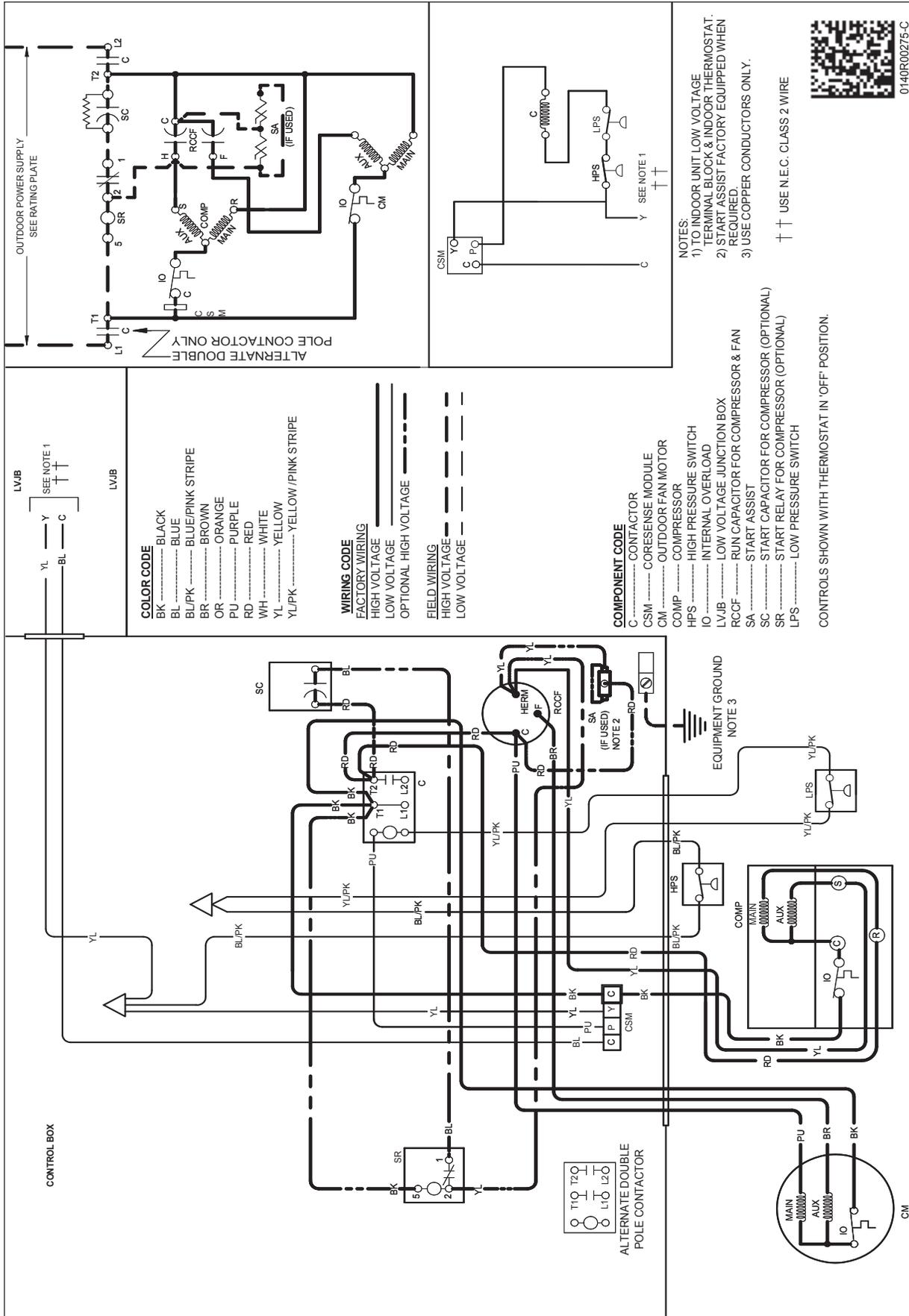
ASX140371K* / CA*F3137*6** W/.071" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1100 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	36,500	25,915	10,585	2,260
80	36,050	26,130	9,921	2,400
85	35,600	26,344	9,256	2,540
90	34,800	26,092	8,708	2,675
95	34,000	25,840	8,160	2,810
100	33,050	25,439	7,611	2,970
105	32,100	25,038	7,062	3,130
110	31,250	25,135	6,115	3,315
115	30,400	25,232	5,168	3,500
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	32,800	25,256	7,544	2,810

ASX140421K* / CA*F4961*6** W/.074" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	41,800	30,932	10,868	2,600
80	41,300	31,174	10,126	2,750
85	40,800	31,416	9,384	2,900
90	39,900	31,113	8,787	3,060
95	39,000	30,810	8,190	3,220
100	37,900	30,309	7,591	3,400
105	36,800	29,808	6,992	3,580
110	35,800	30,042	5,758	3,795
115	34,800	30,276	4,524	4,010
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,600	30,080	7,520	3,220

ASX140431K* / CA*F4961*6D* W/.074" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	41,800	30,932	10,868	2,600
80	41,300	31,174	10,126	2,750
85	40,800	31,416	9,384	2,900
90	39,900	31,113	8,787	3,060
95	39,000	30,810	8,190	3,220
100	37,900	30,309	7,591	3,400
105	36,800	29,808	6,992	3,580
110	35,800	30,042	5,758	3,795
115	34,800	30,276	4,524	4,010
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,600	30,080	7,520	3,220

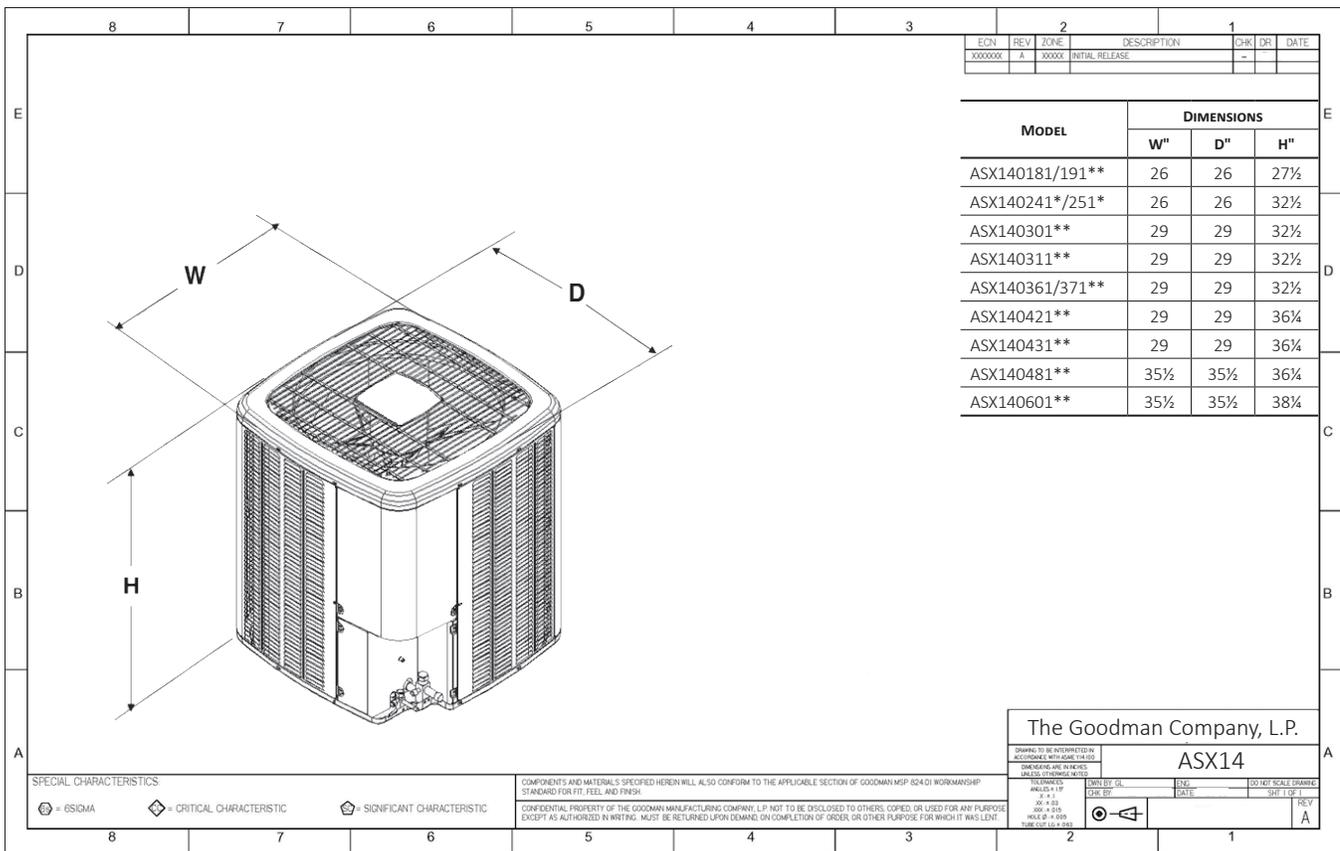
ASX140481K / CA*F4860*6** W/.078" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	48,300	31,878	16,422	3,080
80	47,700	32,189	15,511	3,255
85	47,100	32,500	14,600	3,430
90	46,050	32,225	13,825	3,625
95	45,000	31,950	13,050	3,820
100	43,750	31,488	12,263	4,035
105	42,500	31,025	11,475	4,250
110	41,350	31,191	10,160	4,500
115	40,200	31,356	8,844	4,750
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	43,400	31,248	12,152	3,820

ASX140601K* / CA*F4961*6** W/.088" ORIFICE CONDITIONS: 80 °F IBD, 67 °F IWB @ 1550 CFM				
OUTDOOR TEM. ° F.	TOTAL BTUH	SENSIBLE BTUH	LATENT BTUH	TOTAL WATTS
75	61,100	40,326	20,774	3,840
80	60,350	40,725	19,625	4,080
85	59,600	41,124	18,476	4,320
90	58,300	40,512	17,788	4,575
95	57,000	39,900	17,100	4,830
100	55,400	39,318	16,082	5,120
105	53,800	38,736	15,064	5,410
110	52,350	38,965	13,386	5,745
115	50,900	39,193	11,707	6,080
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	55,000	39,050	15,950	4,840



0140R00275-C

DIMENSIONS



ACCESSORIES

Model #	Description	ASX14 018/19	ASX14 024/25	ASX14 030/31	ASX14 036/37	ASX14 042/43	ASX14 048	ASX14 060
ABK-20	Anchor Bracket Kit ⬠			X	X	X	X	X
ABK-21	Anchor Bracket Kit ⬠	X	X					
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LSK02A ²	Liquid Line Solenoid Kit	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X
TX2N4A ²	TXV Kit	X	X					
TX3N4 ²	TXV Kit			X	X			
TX5N4 ²	TXV Kit					X	X	X

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

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating or rotary compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

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