

HIGH-EFFICIENCY SPLIT SYSTEM AIR CONDITIONER

PRODUCT SPECIFICATIONS



UP TO 16 SEER

R-410A

2 TO 5 TONS

COOLING CAPACITY

24,000 BTU/h TO 57,000 BTU/h



The Whirlpool® brand WAC46 Air Conditioner uses the chlorine-free refrigerant R-410A. This unit features a high-efficiency scroll compressor and operating sound levels that are among the best in the heating and cooling industry. The WAC46 is designed for the consumer who desires superb comfort and quiet operation.

Standard Features

- R-410A chlorine-free refrigerant
- High efficiency Single Stage Scroll Compressor
- High-quality compressor sound blanket
- High and Low Pressure Switches
- Factory-installed filter dryer
- 850-RPM condenser fan motor
- 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

- Whirlpool Quiet Partner brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Hannah Slate Gray powder-paint finish with 500-hour salt-spray approval
- Top and side compressor and tubing access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

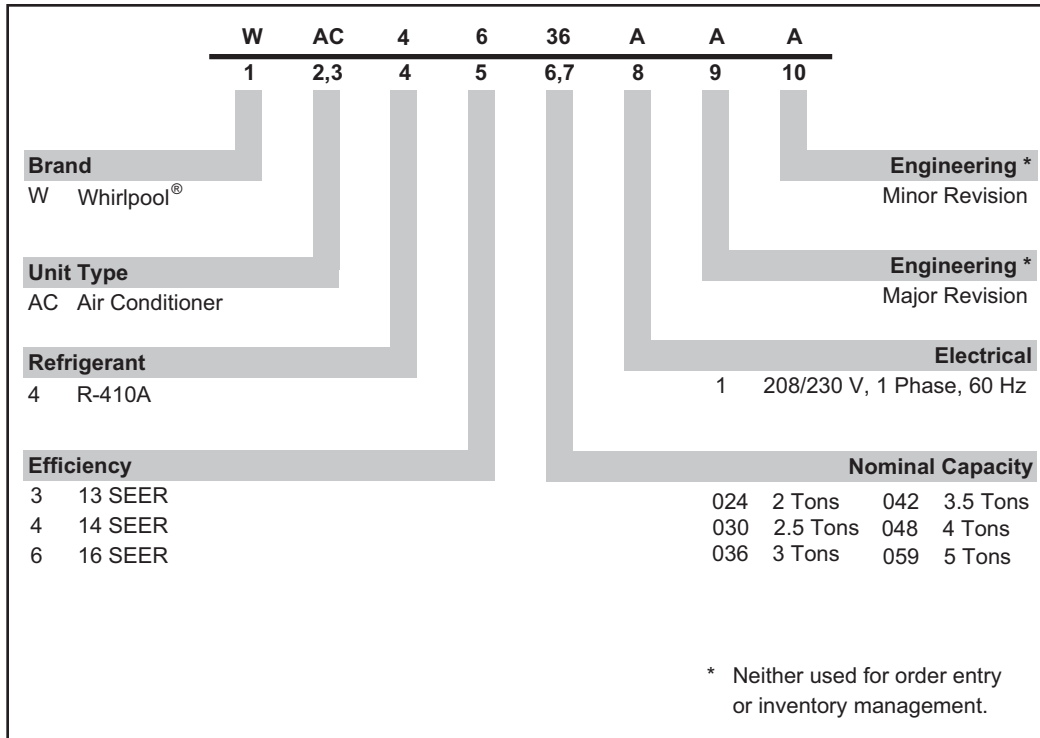
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* To receive the Lifetime Compressor Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. Full warranty details available at www.whirlpoolcomfort.com.

PRODUCT SPECIFICATIONS

NOMENCLATURE



WAC46									
Model	Nominal Cooling Capacity (Tons)	Voltage Phase	Dimensions			Service Valve		dBs	Ship Weight (lbs)
			W"	D"	H"	Liquid	Suction		
WAC4624AB*	2	208/230-1	29	29	32¼	¾"	¾"	73.5	173
WAC4630AA*	2.5	208/230-1	29	29	32¼	¾"	¾"	73.5	174
WAC4636AB*	3	208/230-1	29	29	32¼	¾"	¾"	73.5	182
WAC4642AA*	3.5	208/230-1	29	29	36¼	¾"	7/8"	73.5	185
WAC4648AB*	4	208/230-1	35½	35½	36¼	¾"	7/8"	74.0	236
WAC4659AA*	5	208/230-1	35½	35½	36¼	¾"	7/8"	73.5	287

Specifications or designs are subject to change without notice.

Important EnergyStar Notice: Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

	WAC 4624AB*	WAC 4630AA*	WAC 4636AB*	WAC 4642AA*	WAC 4648AB*	WAC 4659AA*
Cooling Capacity						
Nominal Cooling (BTU/h)	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	73.5	73.5	73.5	75	74.0	73.5
Compressor						
RLA	13.5	12.8	14.1	16.7	19.9	25.0
LRA	58.3	64	77	79	109	134
Condenser Fan Motor						
Horsepower (RPM)	1/6	1/6	1/6	1/4	1/4	1/4
FLA	1.10	1.10	1.10	1.50	1.50	1.50
Refrigeration System						
Refrigerant Line Size ¹						
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"	7/8"	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"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	97	96	102	109	138	251
Electrical Data						
Voltage-Hz-Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ²	18.0	17.1	18.7	22.4	26.4	32.8
Max. Overcurrent Protection ³	30	25	30	35	45	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	173	174	182	185	236	287

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

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

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

Notes

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4624AB* / CA*F3636*6**+TXV+EEP

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
900	MBh	22.9	23.8	26.0	-	22.4	23.2	25.4	-	21.9	22.7	24.8	-	21.3	22.1	24.2	-	20.3	21.0	23.0	-	18.8	19.5	21.3	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	12	-	17	15	11	-	16	14	11	-
	kW	1.49	1.52	1.57	-	1.60	1.63	1.67	-	1.69	1.72	1.77	-	1.77	1.80	1.86	-	1.83	1.87	1.93	-	1.89	1.93	1.99	-
	Amps	5.5	5.7	5.8	-	6.0	6.1	6.3	-	6.5	6.6	6.9	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.8	8.0	8.3	-
	Hi PR	213	230	242	-	239	258	272	-	272	293	309	-	310	334	352	-	349	375	396	-	385	415	438	-
	Lo PR	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-
	MBh	22.3	23.1	25.3	-	21.7	22.5	24.7	-	21.2	22.0	24.1	-	20.7	21.5	23.5	-	19.7	20.4	22.3	-	18.2	18.9	20.7	-
	S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
800	kW	1.48	1.51	1.55	-	1.59	1.62	1.66	-	1.67	1.71	1.76	-	1.75	1.79	1.84	-	1.82	1.86	1.91	-	1.88	1.92	1.97	-
	Amps	5.5	5.6	5.8	-	5.9	6.1	6.3	-	6.4	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-
	Hi PR	211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	392	-	382	411	434	-
	Lo PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	MBh	20.5	21.3	23.3	-	20.1	20.8	22.8	-	19.6	20.3	22.2	-	19.1	19.8	21.7	-	18.2	18.8	20.6	-	16.8	17.4	19.1	-
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	1.45	1.48	1.52	-	1.55	1.58	1.63	-	1.64	1.67	1.72	-	1.71	1.75	1.80	-	1.78	1.81	1.87	-	1.83	1.87	1.93	-
	Amps	5.3	5.5	5.6	-	5.8	5.9	6.1	-	6.3	6.4	6.6	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.5	7.7	8.0	-
	Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	298	320	338	-	335	361	381	-	370	398	421	-
Lo PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	139	-	124	132	144	-	

900	MBh	23.3	24.0	26.0	27.9	22.8	23.5	25.4	27.2	22.2	22.9	24.8	26.6	21.7	22.3	24.2	25.9	20.6	21.2	23.0	24.6	19.1	19.7	21.3	22.8
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
	kW	1.51	1.53	1.58	1.62	1.61	1.64	1.69	1.74	1.70	1.73	1.78	1.84	1.78	1.82	1.87	1.93	1.85	1.89	1.94	2.00	1.91	1.95	2.01	2.07
	Amps	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7
	Hi PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	400	418	389	419	442	461
	Lo PR	104	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	MBh	22.6	23.3	25.2	27.1	22.1	22.8	24.6	26.4	21.6	22.2	24.1	25.8	21.1	21.7	23.5	25.2	20.0	20.6	22.3	23.9	18.5	19.1	20.7	22.2
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
800	kW	1.49	1.52	1.57	1.61	1.60	1.63	1.67	1.72	1.69	1.72	1.77	1.82	1.77	1.80	1.86	1.91	1.83	1.87	1.93	1.99	1.89	1.93	1.99	2.05
	Amps	5.5	5.7	5.8	6.1	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6
	Hi PR	213	230	242	253	239	258	272	284	272	293	309	323	310	334	352	368	349	375	396	414	386	415	438	457
	Lo PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
	MBh	20.9	21.5	23.3	25.0	20.4	21.0	22.7	24.4	19.9	20.5	22.2	23.8	19.4	20.0	21.7	23.3	18.5	19.0	20.6	22.1	17.1	17.6	19.1	20.5
	S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.46	1.49	1.53	1.58	1.56	1.59	1.64	1.69	1.65	1.68	1.73	1.78	1.73	1.76	1.81	1.87	1.79	1.83	1.88	1.94	1.85	1.89	1.94	2.00
	Amps	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.4	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
	Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	357	338	364	385	401	374	402	425	443
Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves: kW = Total system power Design Subcooling 7 ±2 °F @ the liquid service valve, ARI 95 test conditions
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4624AB* / CA*F3636*6** +TXV+EEP (CONT.)

IDB	Outdoor Ambient Temperature																									
	65°F				75°F				85°F				95°F				105°F				115°F					
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
900	Airflow	23.7	24.3	25.9	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	22.1	22.6	24.1	25.8	21.0	21.4	22.9	24.5	19.4	19.9	21.2	22.7	
	MBh	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60	
	S/T	22	21	18	15	22	21	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	17	14	
	ΔT	1.52	1.54	1.59	1.63	1.62	1.65	1.70	1.75	1.71	1.75	1.80	1.85	1.79	1.83	1.88	1.94	1.86	1.90	1.96	2.02	1.92	1.96	2.02	2.08	
	Amps	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	8.0	8.3	8.0	8.2	8.4	8.8	
	Hi-PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466	
	Lo-PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163	
	MBh	23.0	23.5	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.4	24.0	25.6	21.4	21.9	23.4	25.0	20.4	20.8	22.2	23.8	18.9	19.3	20.6	22.0	
	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
	ΔT	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14	
	80	KW	1.51	1.53	1.58	1.62	1.61	1.64	1.69	1.74	1.70	1.73	1.78	1.84	1.78	1.82	1.87	1.93	1.85	1.89	1.94	2.00	1.91	1.95	2.01	2.07
	Amps	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	
Hi-PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	401	418	389	419	443	462		
Lo-PR	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162		
MBh	21.3	21.7	23.2	24.8	20.8	21.2	22.7	24.2	20.3	20.7	22.1	23.7	19.8	20.2	21.6	23.1	18.8	19.2	20.5	21.9	17.4	17.8	19.0	20.3		
S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55		
ΔT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15		
700	KW	1.47	1.50	1.54	1.59	1.57	1.60	1.65	1.70	1.66	1.69	1.74	1.80	1.74	1.77	1.83	1.88	1.81	1.84	1.90	1.96	1.86	1.90	1.96	2.02	
Amps	5.4	5.6	5.7	5.9	5.9	6.0	6.2	6.4	6.4	6.5	6.7	7.0	6.8	7.0	7.2	7.5	7.2	7.4	7.7	8.0	7.7	7.9	8.1	8.4		
Hi-PR	209	225	238	248	235	252	267	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448		
Lo-PR	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157		
900	Airflow	24.1	24.6	25.8	27.5	23.6	24.0	25.2	26.9	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	21.3	21.8	22.8	24.3	19.8	20.2	21.1	22.5	
	MBh	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	S/T	24	23	22	19	24	24	22	19	24	24	22	19	23	22	22	19	22	22	22	19	20	21	21	18	
	ΔT	1.53	1.56	1.60	1.65	1.63	1.66	1.71	1.76	1.72	1.76	1.81	1.87	1.81	1.84	1.90	1.96	1.88	1.91	1.97	2.03	1.94	1.98	2.04	2.10	
	Amps	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8	
	Hi-PR	220	237	250	261	247	265	280	292	281	302	319	333	320	344	363	379	360	387	409	426	397	427	451	471	
	Lo-PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	
	MBh	23.4	23.9	25.0	26.7	22.9	23.3	24.4	26.1	22.4	22.8	23.9	25.5	21.8	22.2	23.3	24.8	20.7	21.1	22.1	23.6	19.2	19.6	20.5	21.9	
	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19	
	800	KW	1.52	1.54	1.59	1.63	1.62	1.65	1.70	1.75	1.71	1.75	1.80	1.85	1.79	1.83	1.88	1.94	1.86	1.90	1.96	2.02	1.92	1.96	2.02	2.08
	Amps	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	8.0	8.3	8.0	8.2	8.4	8.8	
Hi-PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466		
Lo-PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163		
MBh	21.6	22.1	23.1	24.6	21.1	21.5	22.6	24.1	20.6	21.0	22.0	23.5	20.1	20.5	21.5	22.9	19.1	19.5	20.4	21.8	17.7	18.1	18.9	20.2		
S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.94	0.90	0.82	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71		
ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	23	23	22	19		
700	KW	1.48	1.51	1.55	1.60	1.58	1.62	1.66	1.71	1.67	1.71	1.76	1.81	1.75	1.79	1.84	1.90	1.82	1.86	1.91	1.97	1.88	1.92	1.97	2.04	
Amps	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5		
Hi-PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	382	411	434	452		
Lo-PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valve: kW = Total system power Design Subcooling 7 ±2 °F @ the liquid service valve, ARI 95 test conditions
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp. +fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4630AA* / CA*F3642*6C* + TXV + EEP

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	25.6	26.5	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.8	24.7	27.1	-	22.6	23.5	25.7	-	21.0	21.7	23.8	-
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	1.73	1.76	1.81	-	1.85	1.88	1.94	-	1.95	1.99	2.05	-	2.04	2.08	2.15	-	2.12	2.16	2.23	-	2.19	2.23	2.30	-
	Amps	6.3	6.4	6.7	-	6.8	7.0	7.2	-	7.4	7.5	7.8	-	7.9	8.0	8.3	-	8.4	8.6	8.8	-	8.8	9.1	9.4	-
	HiPR	220	237	250	-	247	266	281	-	281	303	320	-	320	345	364	-	360	388	410	-	398	429	453	-
	LoPR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-
	MBh	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.5	27.4	30.0	-	25.8	26.8	29.3	-	24.5	25.4	27.9	-	22.7	23.5	25.8	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
kW	1.77	1.80	1.85	-	1.89	1.92	1.98	-	1.99	2.03	2.09	-	2.09	2.13	2.20	-	2.17	2.21	2.28	-	2.24	2.29	2.36	-	
Amps	6.5	6.6	6.8	-	7.0	7.1	7.4	-	7.6	7.7	8.0	-	8.1	8.3	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-	
HiPR	227	245	258	-	255	274	290	-	290	312	330	-	330	355	375	-	372	400	422	-	411	442	467	-	
LoPR	116	124	135	-	123	131	143	-	128	136	148	-	134	143	156	-	141	150	163	-	145	155	169	-	
MBh	28.7	29.8	32.6	-	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	25.4	26.3	28.8	-	23.5	24.4	26.7	-	
S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
ΔT	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	14	12	9	-	
kW	1.79	1.82	1.88	-	1.91	1.95	2.01	-	2.02	2.06	2.13	-	2.12	2.16	2.23	-	2.20	2.25	2.32	-	2.27	2.32	2.39	-	
Amps	6.6	6.7	7.0	-	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.2	8.4	8.7	-	8.7	9.0	9.2	-	9.3	9.5	9.8	-	
HiPR	232	249	263	-	260	280	296	-	296	318	336	-	337	363	383	-	379	408	431	-	419	451	476	-	
LoPR	119	126	138	-	125	133	146	-	130	139	151	-	137	146	159	-	143	153	167	-	148	158	172	-	

850	MBh	26.0	26.8	29.0	31.2	25.4	26.2	28.4	30.4	24.8	25.6	27.7	29.7	24.2	24.9	27.0	29.0	23.0	23.7	25.7	27.5	21.3	22.0	23.8	25.5
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
	kW	1.74	1.77	1.82	1.88	1.86	1.90	1.95	2.01	1.96	2.00	2.06	2.12	2.06	2.10	2.16	2.23	2.14	2.18	2.25	2.32	2.20	2.25	2.32	2.39
	Amps	6.4	6.5	6.7	7.0	6.9	7.0	7.2	7.5	7.4	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.1	9.4	9.8
	HiPR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477
	LoPR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	138	147	160	170	143	152	166	176
	MBh	28.2	29.1	31.5	33.8	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	26.3	27.0	29.3	31.4	24.9	25.7	27.8	29.8	23.1	23.8	25.7	27.6
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
kW	1.78	1.81	1.86	1.92	1.90	1.94	1.99	2.05	2.01	2.05	2.11	2.17	2.11	2.15	2.21	2.28	2.19	2.23	2.30	2.37	2.26	2.30	2.37	2.45	
Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.2	8.3	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	
HiPR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	427	445	415	446	471	492	
LoPR	118	125	136	145	124	132	144	154	129	137	150	160	136	144	157	168	142	151	165	176	147	156	171	182	
MBh	29.2	30.1	32.6	34.9	28.5	29.4	31.8	34.1	27.9	28.7	31.0	33.3	27.2	28.0	30.3	32.5	25.8	26.6	28.8	30.9	23.9	24.6	26.6	28.6	
S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
ΔT	17	16	13	9	18	16	13	9	18	16	13	9	18	16	13	9	18	16	13	9	16	15	12	9	
kW	1.80	1.84	1.89	1.95	1.93	1.97	2.02	2.09	2.04	2.08	2.14	2.21	2.14	2.18	2.25	2.32	2.22	2.27	2.34	2.41	2.29	2.34	2.41	2.49	
Amps	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.6	9.9	10.3	
HiPR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	501	
LoPR	120	128	139	148	127	135	147	157	132	140	153	163	138	147	161	171	145	154	168	179	150	159	174	185	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TXV) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4630AA* / CA*F3642*6C* + TXV + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
850	MBh	26.5	27.1	28.9	30.9	25.9	26.5	28.3	30.2	25.3	25.8	27.6	29.5	24.7	25.2	26.9	28.8	23.4	23.9	25.6	27.3	21.7	22.2	23.7	25.3
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
	kW	1.75	1.79	1.84	1.89	1.87	1.91	1.96	2.02	1.98	2.02	2.08	2.14	2.07	2.12	2.18	2.25	2.15	2.20	2.26	2.33	2.22	2.27	2.34	2.41
	Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9
1000	Hi-PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	387	368	396	418	436	406	437	462	482
	Lo-PR	115	122	134	142	122	129	141	150	126	134	147	156	133	141	154	164	139	148	162	172	144	153	167	178
	MBh	28.7	29.4	31.4	33.5	28.1	28.7	30.6	32.7	27.4	28.0	29.9	32.0	26.7	27.3	29.2	31.2	25.4	25.9	27.7	29.6	23.5	24.0	25.7	27.4
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	15
1350	kW	1.79	1.83	1.88	1.93	1.92	1.95	2.01	2.07	2.02	2.07	2.13	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.39	2.27	2.32	2.39	2.47
	Amps	6.6	6.7	7.0	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	9.0	9.3	9.6	9.3	9.5	9.8	10.2
	Hi-PR	232	250	264	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	497
	Lo-PR	119	126	138	147	125	133	146	155	130	139	151	161	137	146	159	169	143	153	167	177	148	158	172	184
	MBh	29.7	30.4	32.5	34.7	29.0	29.7	31.7	33.9	28.3	29.0	30.9	33.1	27.7	28.3	30.2	32.3	26.3	26.8	28.7	30.7	24.3	24.9	26.6	28.4
80	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.63
	ΔT	20	19	16	13	20	19	16	13	19	19	16	13	19	19	17	13	18	18	16	13	17	17	15	12
	kW	1.82	1.85	1.90	1.96	1.94	1.98	2.04	2.10	2.06	2.10	2.16	2.23	2.15	2.20	2.26	2.33	2.24	2.28	2.35	2.43	2.31	2.36	2.43	2.51
	Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	9.4	9.7	10.0	10.4
	Hi-PR	237	255	269	280	265	286	302	315	302	325	343	358	344	370	391	407	387	416	439	458	427	460	486	506
85	Lo-PR	121	129	141	150	128	136	149	158	133	141	154	164	140	149	162	173	146	156	170	181	151	161	176	187
	MBh	27.0	27.5	28.8	30.7	26.3	26.9	28.1	30.0	25.7	26.2	27.5	29.3	25.1	25.6	26.8	28.6	23.8	24.3	25.4	27.2	22.1	22.5	23.6	25.2
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20
	kW	1.77	1.80	1.85	1.90	1.89	1.92	1.98	2.04	1.99	2.03	2.09	2.16	2.09	2.13	2.20	2.26	2.17	2.21	2.28	2.35	2.24	2.29	2.36	2.43
850	Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.6	7.7	8.0	8.3	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0
	Hi-PR	227	244	258	269	255	274	290	302	290	312	329	344	330	355	375	391	371	400	422	440	410	442	466	486
	Lo-PR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	141	150	163	174	145	155	169	180
	MBh	29.2	29.8	31.2	33.3	28.5	29.1	30.5	32.5	27.9	28.4	29.7	31.7	27.2	27.7	29.0	31.0	25.8	26.3	27.6	29.4	23.9	24.4	25.5	27.2
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
1000	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19
	kW	1.80	1.84	1.89	1.95	1.93	1.97	2.02	2.09	2.04	2.08	2.14	2.21	2.14	2.18	2.25	2.32	2.22	2.27	2.34	2.41	2.29	2.34	2.41	2.49
	Amps	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.6	9.9	10.3
	Hi-PR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	502
	Lo-PR	120	128	139	148	127	135	147	157	132	140	153	163	138	147	161	171	145	154	168	179	150	159	174	185
1350	MBh	30.2	30.8	32.3	34.5	29.5	30.1	31.5	33.7	28.8	29.4	30.8	32.8	28.1	28.7	30.0	32.0	26.7	27.2	28.5	30.4	24.8	25.2	26.4	28.2
	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	ΔT	21	20	19	17	20	21	20	17	20	20	20	17	19	20	20	17	18	19	19	17	17	17	18	16
	kW	1.83	1.87	1.92	1.98	1.96	2.00	2.06	2.12	2.07	2.11	2.18	2.24	2.17	2.21	2.28	2.35	2.25	2.30	2.37	2.45	2.33	2.38	2.45	2.53
	Amps	6.8	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	8.9	9.3	9.0	9.2	9.5	9.9	9.5	9.7	10.1	10.4
85	Hi-PR	239	257	271	283	268	288	305	318	305	328	346	361	347	374	395	412	391	420	444	463	432	464	490	512
	Lo-PR	122	130	142	151	129	137	150	160	134	143	156	166	141	150	164	174	148	157	172	183	153	163	178	189

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4630AA* / CA*F3642*6C* + TXV / WMAHV1600A*

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	850	MBh	25.6	26.5	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.8	24.7	27.1	-	22.6	23.5	25.7	-	21.0	21.7	23.8	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	1.73	1.76	1.81	-	1.85	1.88	1.94	-	1.95	1.99	2.05	-	2.04	2.08	2.15	-	2.12	2.16	2.23	-	2.19	2.23	2.30	-
		Amps	6.3	6.4	6.7	-	6.8	7.0	7.2	-	7.4	7.5	7.8	-	7.9	8.0	8.3	-	8.4	8.6	8.8	-	8.8	9.1	9.4	-
		Hi/PR	220	237	250	-	247	266	281	-	281	303	320	-	320	345	364	-	360	388	410	-	398	429	453	-
	1000	Lo/PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-
		MBh	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.5	27.4	30.0	-	25.8	26.8	29.3	-	24.5	25.4	27.9	-	22.7	23.5	25.8	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	1.77	1.80	1.85	-	1.89	1.92	1.98	-	1.99	2.03	2.09	-	2.09	2.13	2.20	-	2.17	2.21	2.28	-	2.24	2.29	2.36	-
		Amps	6.5	6.6	6.8	-	7.0	7.1	7.4	-	7.6	7.7	8.0	-	8.1	8.3	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.6	-
1350	Hi/PR	227	245	258	-	255	274	290	-	290	312	330	-	330	355	375	-	372	400	422	-	411	442	467	-	
	Lo/PR	116	124	135	-	123	131	143	-	128	136	148	-	134	143	156	-	141	150	163	-	145	155	169	-	
	MBh	28.7	29.8	32.6	-	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	25.4	26.3	28.8	-	23.5	24.4	26.7	-	
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
	ΔT	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	15	13	10	-	14	12	9	-	
	KW	1.79	1.82	1.88	-	1.91	1.95	2.01	-	2.02	2.06	2.13	-	2.12	2.16	2.23	-	2.20	2.25	2.32	-	2.27	2.32	2.39	-	
75	850	Amps	6.6	6.7	7.0	-	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.2	8.4	8.7	-	8.7	9.0	9.2	-	9.3	9.5	9.8	-
		Hi/PR	232	249	263	-	260	280	296	-	296	318	336	-	337	363	383	-	379	408	431	-	419	451	476	-
		Lo/PR	119	126	138	-	125	133	146	-	130	139	151	-	137	146	159	-	143	153	167	-	148	158	172	-
		MBh	26.0	26.8	29.0	31.2	25.4	26.2	28.4	30.4	24.8	25.6	27.7	29.7	24.2	24.9	27.0	29.0	23.0	23.7	25.7	27.5	21.3	22.0	23.8	25.5
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
	1000	KW	1.74	1.77	1.82	1.88	1.86	1.90	1.95	2.01	1.96	2.00	2.06	2.12	2.06	2.10	2.16	2.23	2.14	2.18	2.25	2.32	2.20	2.25	2.32	2.39
		Amps	6.4	6.5	6.7	7.0	6.9	7.0	7.2	7.5	7.4	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3	8.9	9.1	9.4	9.8
		Hi/PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477
		Lo/PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	163	138	147	160	170	143	152	166	176
		MBh	28.2	29.1	31.5	33.8	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	26.3	27.0	29.3	31.4	24.9	25.7	27.8	29.8	23.1	23.8	25.7	27.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
1350	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
	KW	1.78	1.81	1.86	1.92	1.90	1.94	1.99	2.05	2.01	2.05	2.11	2.17	2.11	2.15	2.21	2.28	2.19	2.23	2.30	2.37	2.26	2.30	2.37	2.45	
	Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.2	8.3	8.6	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	
	Hi/PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	427	445	415	446	471	492	
	Lo/PR	118	125	136	145	124	132	144	154	129	137	150	160	136	144	157	168	142	151	165	176	147	156	171	182	
	MBh	29.2	30.1	32.6	34.9	28.5	29.4	31.8	34.1	27.9	28.7	31.0	33.3	27.2	28.0	30.3	32.5	25.8	26.6	28.8	30.9	23.9	24.6	26.6	28.6	
1350	S/T	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	
	ΔT	17	16	13	9	18	16	13	9	18	16	13	9	18	16	13	9	18	16	13	9	16	15	12	9	
	KW	1.80	1.84	1.89	1.95	1.93	1.97	2.02	2.09	2.04	2.08	2.14	2.21	2.14	2.18	2.25	2.32	2.22	2.27	2.34	2.41	2.29	2.34	2.41	2.49	
	Amps	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.6	9.9	10.3	
	Hi/PR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	501	
	Lo/PR	120	128	139	148	127	135	147	157	132	140	153	163	138	147	161	171	145	154	168	179	150	159	174	185	

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 — WAC4630AA* / CA*F3642*6C* + TXV / WMAHV1600A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	850	MBh	26.5	27.1	28.9	30.9	25.9	26.5	28.3	30.2	25.3	25.8	27.6	29.5	24.7	25.2	26.9	28.8	23.4	23.9	25.6	27.3	21.7	22.2	23.7	25.3	
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	
	1000	KW	1.75	1.79	1.84	1.89	1.87	1.91	1.96	2.02	1.95	2.02	2.08	2.14	2.07	2.12	2.18	2.25	2.15	2.20	2.26	2.33	2.22	2.27	2.34	2.41	
		Amps	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.9	
		HiPR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	387	368	396	418	436	406	437	462	482	
	1350	LoPR	115	122	134	142	122	129	141	150	126	134	147	156	133	141	154	164	139	148	162	172	144	153	167	178	
		MBh	28.7	29.4	31.4	33.5	28.1	28.7	30.6	32.7	27.4	28.0	29.9	32.0	26.7	27.3	29.2	31.2	25.4	25.9	27.7	29.6	23.5	24.0	25.7	27.4	
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59	
	85	850	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	15
			KW	1.79	1.83	1.88	1.93	1.92	1.95	2.01	2.07	2.02	2.07	2.13	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.39	2.27	2.32	2.39	2.47
			Amps	6.6	6.7	7.0	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	9.0	9.3	9.6	9.3	9.5	9.8	10.2
1000		HiPR	232	250	264	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	497	
		LoPR	119	126	138	147	125	133	146	155	130	139	151	161	137	146	159	169	143	153	167	177	148	158	172	184	
		MBh	29.7	30.4	32.5	34.7	29.0	29.7	31.7	33.9	28.3	29.0	30.9	33.1	27.7	28.3	30.2	32.3	26.3	26.8	28.7	30.7	24.3	24.9	26.6	28.4	
1350		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.85	0.63	
		ΔT	20	19	16	13	19	19	16	13	19	19	16	13	19	19	17	13	18	18	16	13	17	17	15	12	
		KW	1.82	1.85	1.90	1.96	1.94	1.98	2.04	2.10	2.06	2.10	2.16	2.23	2.15	2.20	2.26	2.33	2.24	2.28	2.35	2.43	2.31	2.36	2.43	2.51	
850		Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8	9.4	9.7	10.0	10.4	
		HiPR	237	255	269	280	265	286	302	315	302	325	343	358	344	370	391	407	387	416	439	458	427	460	486	506	
		LoPR	121	129	141	150	128	136	149	158	133	141	154	164	140	149	162	173	146	156	170	181	151	161	176	187	
85	850	MBh	27.0	27.5	28.8	30.7	26.3	26.9	28.1	30.0	25.7	26.2	27.5	29.3	25.1	25.6	26.8	28.6	23.8	24.3	25.4	27.2	22.1	22.5	23.6	25.2	
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	
		ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20	
	1000	KW	1.77	1.80	1.85	1.90	1.89	1.92	1.98	2.04	1.99	2.03	2.09	2.16	2.09	2.13	2.20	2.26	2.17	2.21	2.28	2.35	2.24	2.29	2.36	2.43	
		Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.6	7.7	8.0	8.3	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.4	9.1	9.3	9.6	10.0	
		HiPR	227	244	258	269	255	274	290	302	290	312	329	344	330	355	375	391	371	400	422	440	410	442	466	486	
	1350	LoPR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	141	150	163	174	145	155	169	180	
		MBh	29.2	29.8	31.2	33.3	28.5	29.1	30.5	32.5	27.9	28.4	29.7	31.7	27.2	27.7	29.0	31.0	25.8	26.3	27.6	29.4	23.9	24.4	25.5	27.2	
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	
	850	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
		KW	1.80	1.84	1.89	1.95	1.93	1.97	2.02	2.09	2.04	2.08	2.14	2.21	2.14	2.18	2.25	2.32	2.22	2.27	2.34	2.41	2.29	2.34	2.41	2.49	
		Amps	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7	9.3	9.6	9.9	10.3	
1000	HiPR	234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	502		
	LoPR	120	128	139	148	127	135	147	157	132	140	153	163	138	147	161	171	145	154	168	179	150	159	174	185		
	MBh	30.2	30.8	32.3	34.5	29.5	30.1	31.5	33.7	28.8	29.4	30.8	32.8	28.1	28.7	30.0	32.0	26.7	27.2	28.5	30.4	24.8	25.2	26.4	28.2		
1350	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82		
	ΔT	21	20	19	17	20	21	20	17	20	20	20	17	19	20	20	17	18	19	19	17	17	17	18	16		
	KW	1.83	1.87	1.92	1.98	1.96	2.00	2.06	2.12	2.07	2.11	2.18	2.24	2.17	2.21	2.28	2.35	2.25	2.30	2.37	2.45	2.33	2.38	2.45	2.53		
850	Amps	6.8	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	8.9	9.3	9.0	9.2	9.5	9.9	9.5	9.7	10.1	10.4		
	HiPR	239	257	271	283	268	288	305	318	305	328	346	361	347	374	395	412	391	420	444	463	432	464	490	512		
	LoPR	122	130	142	151	129	137	150	160	134	143	156	166	141	150	164	174	148	157	172	183	153	163	178	189		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRl(TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4636AB* / CA*F4860*6** +TXV+EEP

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	33.7	34.9	38.3	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.8	-	27.6	28.6	31.3	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
	kW	2.16	2.20	2.26	-	2.31	2.36	2.43	-	2.44	2.49	2.57	-	2.56	2.62	2.70	-	2.67	2.72	2.81	-	2.75	2.81	2.90	-
	Amps	9.1	9.3	9.6	-	9.8	10.0	10.3	-	10.6	10.8	11.1	-	11.3	11.5	11.9	-	12.0	12.2	12.6	-	12.6	12.9	13.4	-
	Hi PR	225	242	256	-	253	272	287	-	288	309	327	-	328	352	372	-	368	396	419	-	407	438	463	-
	Lo PR	109	116	127	-	116	123	134	-	120	128	139	-	126	134	146	-	132	141	154	-	137	145	159	-
	MBh	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	2.14	2.18	2.25	-	2.29	2.34	2.41	-	2.43	2.48	2.55	-	2.54	2.60	2.68	-	2.64	2.70	2.78	-	2.73	2.79	2.88	-
	Amps	9.0	9.2	9.5	-	9.7	9.9	10.2	-	10.5	10.7	11.1	-	11.2	11.4	11.8	-	11.8	12.1	12.5	-	12.5	12.8	13.2	-
Hi PR	223	240	254	-	250	269	284	-	285	306	324	-	324	349	368	-	365	393	415	-	403	434	458	-	
Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	
MBh	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.1	31.9	-	26.7	27.7	30.3	-	24.7	25.6	28.1	-	
S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
kW	2.09	2.13	2.19	-	2.24	2.28	2.35	-	2.37	2.42	2.49	-	2.49	2.54	2.61	-	2.58	2.64	2.72	-	2.67	2.72	2.81	-	
Amps	8.7	8.9	9.2	-	9.4	9.6	9.9	-	10.2	10.4	10.8	-	10.9	11.1	11.5	-	11.5	11.8	12.2	-	12.2	12.5	12.9	-	
Hi PR	216	233	246	-	243	261	276	-	276	297	314	-	315	338	357	-	354	381	402	-	391	421	444	-	
Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	153	-	
1350	MBh	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.8	36.2	28.1	28.9	31.3	33.6
	S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	kW	2.17	2.21	2.28	2.35	2.33	2.37	2.44	2.52	2.46	2.51	2.59	2.67	2.58	2.64	2.72	2.81	2.69	2.74	2.83	2.92	2.78	2.83	2.92	3.02
	Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.6	12.0	12.4	12.1	12.3	12.7	13.2	12.8	13.1	13.5	14.0
	Hi PR	228	245	259	270	255	275	290	303	290	313	330	344	331	356	376	392	372	401	423	441	411	443	467	487
	Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171
	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	2.16	2.20	2.26	2.33	2.31	2.36	2.43	2.50	2.44	2.49	2.57	2.65	2.56	2.62	2.70	2.78	2.67	2.72	2.81	2.90	2.75	2.81	2.90	2.99
	Amps	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.5	11.9	12.3	12.0	12.2	12.6	13.1	12.6	12.9	13.4	13.9
Hi PR	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483	
Lo PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	147	156	132	141	154	164	137	145	159	169	
MBh	30.7	31.6	34.2	36.7	30.0	30.9	33.4	35.9	29.3	30.2	32.6	35.0	28.6	29.4	31.8	34.2	27.1	28.0	30.3	32.5	25.1	25.9	28.0	30.1	
S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
kW	2.11	2.15	2.21	2.28	2.26	2.30	2.37	2.44	2.39	2.44	2.51	2.59	2.50	2.56	2.63	2.72	2.60	2.66	2.74	2.83	2.69	2.74	2.83	2.92	
Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.2	11.0	11.2	11.6	12.0	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	
Hi PR	219	235	248	259	245	264	279	291	279	300	317	331	318	342	361	377	357	385	406	424	395	425	449	468	
Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves. kW = Total system power Design Subcooling 7 ±2 °F @ the liquid service valve, ARI 95 test condition
 Shaded area reflects ACCA (TVA) conditions Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4636AB* / CA*F4860*6**+TXV+EFP (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	34.9	35.7	38.1	40.7	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.4	37.9	30.8	31.5	33.7	36.0	28.6	29.2	31.2	33.3
	S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	21	19	15	19	20	18	14
	kW	2.19	2.23	2.30	2.37	2.34	2.39	2.46	2.54	2.48	2.53	2.61	2.69	2.60	2.66	2.74	2.83	2.71	2.77	2.85	2.94	2.80	2.86	2.95	3.04
	Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.7	11.0	11.4	11.8	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
	Hi PR	230	247	261	273	258	278	293	306	293	316	333	348	334	360	380	396	376	405	427	446	415	447	472	492
	Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	149	159	135	143	157	167	140	148	162	173
	MBh	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
1200	kW	2.17	2.21	2.28	2.35	2.33	2.37	2.44	2.52	2.46	2.51	2.59	2.67	2.58	2.64	2.72	2.81	2.69	2.74	2.83	2.92	2.78	2.83	2.92	3.02
	Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.6	12.0	12.4	12.1	12.3	12.7	13.2	12.8	13.1	13.5	14.0
	Hi PR	228	245	259	270	255	275	290	303	291	313	330	344	331	356	376	392	372	401	423	441	411	443	467	487
	Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171
	MBh	31.3	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.5	32.5	34.8	29.1	29.7	31.8	33.9	27.6	28.2	30.2	32.2	25.6	26.2	27.9	29.9
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15
	kW	2.12	2.16	2.23	2.29	2.27	2.32	2.39	2.46	2.41	2.46	2.53	2.61	2.52	2.58	2.66	2.74	2.62	2.68	2.76	2.85	2.71	2.77	2.85	2.94
	Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.3	11.1	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.7	13.1	13.6
	Hi PR	221	238	251	262	248	267	282	294	282	303	320	334	321	345	365	380	361	389	410	428	399	429	453	473
Lo PR	107	114	124	133	113	120	132	140	118	125	137	146	124	132	144	153	130	138	150	160	134	143	156	166	
1050	MBh	35.5	36.2	37.9	40.4	34.7	35.3	37.0	39.5	33.8	34.5	36.1	38.6	33.0	33.7	35.3	37.6	31.4	32.0	33.5	35.7	29.1	29.6	31.0	33.1
	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	ΔT	24	24	22	19	24	24	23	20	23	23	23	20	23	23	20	16	21	22	23	20	20	20	21	18
	kW	2.20	2.25	2.31	2.38	2.36	2.41	2.48	2.56	2.50	2.55	2.63	2.71	2.63	2.68	2.76	2.85	2.73	2.79	2.88	2.97	2.82	2.88	2.97	3.07
	Amps	9.3	9.5	9.8	10.2	10.0	10.2	10.6	10.9	10.8	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2
	Hi PR	232	250	264	275	261	280	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	451	477	497
	Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174
	MBh	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	24	20	22	22	22	19
1200	kW	2.19	2.23	2.30	2.37	2.34	2.39	2.46	2.54	2.48	2.53	2.61	2.69	2.60	2.66	2.74	2.83	2.71	2.77	2.85	2.94	2.80	2.86	2.95	3.04
	Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.7	11.0	11.4	11.8	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
	Hi PR	230	247	261	273	258	278	293	306	293	316	333	348	334	360	380	396	376	405	427	446	415	447	472	492
	Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	149	159	135	143	157	167	140	148	162	173
	MBh	31.8	32.4	34.0	36.2	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.5	29.6	30.2	31.6	33.7	28.1	28.7	30.0	32.0	26.0	26.5	27.8	29.7
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19
	kW	2.14	2.18	2.24	2.31	2.29	2.34	2.41	2.48	2.43	2.47	2.55	2.63	2.54	2.60	2.68	2.76	2.64	2.70	2.78	2.87	2.73	2.79	2.88	2.97
	Amps	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.5	10.7	11.0	11.4	11.2	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.2	13.7
	Hi PR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	478
Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	

IDB: Entering Indoor Dry Bulb Temp
 High and low pressures are measured at the liquid and suction
 Shaded area reflects AHRI conditions
 kW = Total system pov
 Design Subcooling 7 ±2 °F @ the liquid service valve, ARI 95 test condition
 Amps = outdoor unit amps (comp+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4642AA* / CA*F4860*6B*+TXV+EEP

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1225	MBh	34.2	35.4	38.8	-	33.4	34.6	37.9	-	32.6	33.8	37.0	-	31.8	33.0	36.1	-	30.2	31.3	34.3	-	28.0	29.0	31.8	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.56	2.60	2.66	-	2.71	2.75	2.82	-	2.84	2.89	2.96	-	2.96	3.01	3.09	-	3.05	3.11	3.19	-	3.14	3.19	3.28	-
		Amps	7.7	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.6	9.8	10.1	-	10.2	10.4	10.8	-	10.8	11.0	11.4	-
		HIPR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-
	1400	LO PR	111	119	129	-	118	125	137	-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	-
		MBh	37.0	38.4	42.1	-	36.2	37.5	41.1	-	35.3	36.6	40.1	-	34.5	35.7	39.1	-	32.7	33.9	37.2	-	30.3	31.4	34.4	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.61	2.65	2.71	-	2.76	2.81	2.88	-	2.90	2.95	3.02	-	3.02	3.07	3.15	-	3.12	3.17	3.26	-	3.20	3.26	3.35	-
		Amps	7.9	8.1	8.4	-	8.6	8.7	9.0	-	9.3	9.5	9.8	-	9.9	10.1	10.4	-	10.5	10.7	11.1	-	11.1	11.3	11.7	-
1575	HIPR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	460	-	
	LO PR	115	122	133	-	121	129	141	-	126	134	146	-	132	141	154	-	139	148	161	-	144	153	167	-	
	MBh	38.2	39.5	43.3	-	37.3	38.6	42.3	-	36.4	37.7	41.3	-	35.5	36.8	40.3	-	33.7	35.0	38.3	-	31.2	32.4	35.5	-	
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	
	kW	2.62	2.67	2.73	-	2.78	2.83	2.90	-	2.92	2.97	3.04	-	3.04	3.09	3.17	-	3.14	3.19	3.28	-	3.23	3.28	3.37	-	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
75	1225	MBh	34.8	35.8	38.8	41.6	34.0	35.0	37.9	40.6	33.2	34.1	37.0	39.7	32.3	33.3	36.0	38.7	30.7	31.6	34.2	36.8	28.5	29.3	31.7	34.0	
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	21	19	16	11	20	18	15	10
		kW	2.58	2.62	2.68	2.75	2.73	2.77	2.84	2.91	2.86	2.91	2.98	3.06	3.06	2.98	3.03	3.11	3.19	3.07	3.13	3.21	3.30	3.16	3.22	3.30	3.39
		Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9	
		HIPR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	
	1400	LO PR	113	120	131	139	119	127	138	147	124	131	144	153	130	138	151	161	136	145	158	168	141	150	163	174	
		MBh	37.7	38.8	42.0	45.1	36.8	37.9	41.0	44.0	35.9	37.0	40.0	43.0	35.0	36.1	39.1	41.9	33.3	34.3	37.1	39.8	30.8	31.8	34.4	36.9	
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	21	19	16	11	19	18	15	10
		kW	2.62	2.67	2.73	2.80	2.78	2.83	2.90	2.97	2.92	2.97	3.04	3.12	3.04	3.09	3.17	3.26	3.14	3.19	3.28	3.37	3.23	3.28	3.37	3.47	
		Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.2	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.4	11.8	12.2	
1575	HIPR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	370	399	421	439	409	441	465	485		
	LO PR	116	123	135	144	123	130	142	152	127	136	148	158	134	142	155	166	140	149	163	173	145	154	168	179		
	MBh	38.8	40.0	43.2	46.4	37.9	39.0	42.2	45.3	37.0	38.1	41.2	44.3	36.1	37.2	40.2	43.2	34.3	35.3	38.2	41.0	31.8	32.7	35.4	38.0		
	S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44		
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	20	18	15	10	19	17	14	10	
	kW	2.64	2.68	2.75	2.82	2.80	2.84	2.92	2.99	2.93	2.99	3.06	3.14	3.06	3.11	3.19	3.28	3.16	3.22	3.30	3.39	3.25	3.31	3.40	3.49		

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 — WAC4642AA* / CA*F4860*6B*+TXV+EEP (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
80	1225	MBh	35.4	36.2	38.6	41.3	34.6	35.3	37.7	40.3	33.7	34.5	36.8	39.4	32.9	33.6	35.9	38.4	31.3	32.0	34.1	36.5	29.0	29.6	31.6	33.8
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		kW	2.59	2.63	2.70	2.76	2.74	2.79	2.86	2.93	2.88	2.93	3.00	3.08	3.00	3.05	3.13	3.21	3.10	3.15	3.23	3.32	3.18	3.24	3.33	3.42
		Amps	7.9	8.1	8.3	8.6	8.5	8.7	8.9	9.3	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0
		HIPR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
	1400	LO PR	114	121	132	141	120	128	139	149	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176
		MBh	38.3	39.2	41.9	44.7	37.5	38.3	40.9	43.7	36.6	37.4	39.9	42.7	35.7	36.4	38.9	41.6	33.9	34.6	37.0	39.5	31.4	32.1	34.3	36.6
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	23	23	20	16	22	22	19	16	21	21	18	14
		kW	2.64	2.68	2.75	2.82	2.80	2.84	2.92	2.99	2.93	2.99	3.06	3.14	3.06	3.11	3.19	3.28	3.16	3.22	3.30	3.39	3.25	3.31	3.40	3.49
		Amps	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.3
1575	HIPR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	413	445	470	490	
	LO PR	117	125	136	145	124	132	144	153	129	137	149	159	135	144	157	167	142	151	165	175	147	156	170	181	
	MBh	39.5	40.4	43.1	46.1	38.6	39.4	42.1	45.0	37.7	38.5	41.1	43.9	36.7	37.5	40.1	42.9	34.9	35.7	38.1	40.7	32.3	33.0	35.3	37.7	
	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	
	ΔT	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	20	21	19	15	19	19	17	14	
	kW	2.66	2.70	2.77	2.84	2.81	2.86	2.93	3.01	2.95	3.00	3.08	3.16	3.08	3.13	3.21	3.30	3.18	3.24	3.32	3.42	3.27	3.33	3.42	3.52	

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
85	1225	MBh	36.0	36.7	38.4	41.0	35.2	35.9	37.6	40.1	34.3	35.0	36.7	39.1	33.5	34.1	35.8	38.2	31.8	32.4	34.0	36.2	29.5	30.0	31.5	33.6
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	23	22	19
		kW	2.61	2.65	2.71	2.78	2.76	2.81	2.88	2.95	2.90	2.95	3.02	3.10	3.01	3.07	3.15	3.23	3.12	3.17	3.26	3.35	3.20	3.26	3.35	3.44
		Amps	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.3	11.7	12.1
		HIPR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480
	1400	LO PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	164	139	148	161	172	144	153	167	178
		MBh	39.0	39.8	41.7	44.4	38.1	38.8	40.7	43.4	37.2	37.9	39.7	42.4	36.3	37.0	38.7	41.3	34.5	35.1	36.8	39.3	31.9	32.6	34.1	36.4
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	23	23	23	20	21	21	22	19
		kW	2.66	2.70	2.77	2.84	2.81	2.86	2.93	3.01	2.95	3.00	3.08	3.16	3.08	3.13	3.21	3.30	3.18	3.24	3.32	3.42	3.27	3.33	3.42	3.52
		Amps	8.2	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.4	11.8	11.4	11.6	12.0	12.5
1575	HIPR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	
	LO PR	118	126	137	146	125	133	145	155	130	138	151	161	137	145	159	169	143	152	166	177	148	157	172	183	
	MBh	40.2	41.0	42.9	45.8	39.2	40.0	41.9	44.7	38.3	39.1	40.9	43.6	37.4	38.1	39.9	42.6	35.5	36.2	37.9	40.4	32.9	33.5	35.1	37.5	
	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82	
	ΔT	23	23	22	19	23	23	22	19	22	23	22	19	22	22	22	19	21	21	22	19	19	20	20	18	
	kW	2.67	2.72	2.78	2.85	2.83	2.88	2.95	3.03	2.97	3.02	3.10	3.19	3.10	3.15	3.24	3.32	3.20	3.26	3.35	3.44	3.29	3.35	3.44	3.54	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TV) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4642AA* / CA*F4860*6B* + TXV / WMAHV2000A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	MBh	34.6	35.9	39.3	-	33.8	35.1	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	30.6	31.7	34.8	-	28.4	29.4	32.2	-
	S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.83	0.69	0.48	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
1225	KW	2.28	2.32	2.39	-	2.44	2.49	2.56	-	2.58	2.64	2.72	-	2.71	2.77	2.85	-	2.82	2.88	2.97	-	2.91	2.97	3.07	-
	Amps	8.7	8.9	9.1	-	9.3	9.6	9.9	-	10.1	10.4	10.7	-	10.8	11.1	11.5	-	11.5	11.8	12.2	-	12.2	12.5	12.9	-
	Hi-PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-
	Lo-PR	111	119	129	-	118	125	137	-	122	130	142	-	128	137	149	-	135	143	156	-	139	148	162	-
	MBh	37.5	38.9	42.6	-	36.6	38.0	41.6	-	35.8	37.1	40.6	-	34.9	36.2	39.6	-	33.2	34.4	37.7	-	30.7	31.8	34.9	-
	S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
70	KW	2.33	2.37	2.44	-	2.50	2.55	2.62	-	2.64	2.70	2.78	-	2.78	2.83	2.92	-	2.89	2.95	3.04	-	2.98	3.05	3.14	-
	Amps	8.9	9.1	9.4	-	9.6	9.8	10.2	-	10.4	10.7	11.0	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-	12.5	12.8	13.3	-
	Hi-PR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	460	-
	Lo-PR	115	122	133	-	121	129	141	-	126	134	146	-	132	141	154	-	139	148	161	-	144	153	167	-
	MBh	38.6	40.1	43.9	-	37.7	39.1	42.9	-	36.9	38.2	41.8	-	36.0	37.3	40.8	-	34.2	35.4	38.8	-	31.6	32.8	35.9	-
	S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
	ΔT	18	15	12	-	18	15	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
1575	KW	2.34	2.39	2.46	-	2.51	2.57	2.64	-	2.66	2.72	2.80	-	2.80	2.86	2.95	-	2.91	2.97	3.07	-	3.01	3.07	3.17	-
	Amps	9.0	9.2	9.5	-	9.7	9.9	10.2	-	10.5	10.8	11.1	-	11.2	11.5	11.9	-	12.0	12.2	12.6	-	12.7	13.0	13.4	-
	Hi-PR	227	244	257	-	254	274	289	-	289	311	328	-	329	354	374	-	370	399	421	-	409	440	465	-
	Lo-PR	116	123	135	-	123	130	142	-	127	136	148	-	134	142	155	-	140	149	163	-	145	154	168	-

	MBh	35.2	36.3	39.3	42.1	34.4	35.4	38.3	41.1	33.6	34.6	37.4	40.2	32.8	33.7	36.5	39.2	31.1	32.0	34.7	37.2	28.8	29.7	32.1	34.5
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	16	11	20	19	15	11
1225	KW	2.29	2.34	2.41	2.48	2.46	2.51	2.58	2.66	2.60	2.66	2.74	2.82	2.73	2.79	2.88	2.97	2.84	2.90	2.99	3.09	2.93	3.00	3.09	3.19
	Amps	8.7	8.9	9.2	9.6	9.4	9.7	10.0	10.3	10.2	10.5	10.8	11.2	10.9	11.2	11.6	12.0	11.6	11.9	12.3	12.8	12.3	12.6	13.0	13.5
	Hi-PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471
	Lo-PR	113	120	131	139	119	127	138	147	124	131	144	153	130	138	151	161	136	145	158	168	141	150	163	174
	MBh	38.2	39.3	42.5	45.6	37.3	38.4	41.5	44.6	36.4	37.5	40.5	43.5	35.5	36.5	39.6	42.5	33.7	34.7	37.6	40.3	31.2	32.2	34.8	37.4
	S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
1400	KW	2.35	2.39	2.46	2.54	2.52	2.57	2.64	2.73	2.67	2.72	2.80	2.89	2.80	2.86	2.95	3.04	2.91	2.97	3.07	3.17	3.01	3.07	3.17	3.27
	Amps	9.0	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.5	10.8	11.1	11.5	11.2	11.5	11.9	12.3	12.0	12.2	12.7	13.1	12.7	13.0	13.4	13.9
	Hi-PR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	370	399	421	439	409	441	465	485
	Lo-PR	116	123	135	144	123	130	142	152	127	136	148	158	134	142	155	166	140	149	163	173	145	154	168	179
	MBh	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.5	38.6	41.8	44.8	36.6	37.6	40.7	43.7	34.7	35.8	38.7	41.5	32.2	33.1	35.9	38.5
	S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	16	11	19	18	14	10
1575	KW	2.36	2.41	2.48	2.56	2.53	2.59	2.67	2.75	2.69	2.74	2.83	2.92	2.82	2.88	2.97	3.06	2.93	3.00	3.09	3.19	3.03	3.10	3.20	3.30
	Amps	9.1	9.3	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.8	13.1	13.5	14.0
	Hi-PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490
	Lo-PR	117	125	136	145	124	132	144	153	129	137	149	159	135	144	157	167	142	151	165	175	147	156	170	181

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)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4648AB* / CA*F4860*6D* + TXV

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1750	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
	1550	KW	2.99	3.05	3.14	-	3.20	3.27	3.37	-	3.39	3.46	3.56	-	3.56	3.63	3.74	-	3.70	3.77	3.89	-	3.82	3.90	4.02	-	
		Amps	10.9	11.2	11.6	-	11.9	12.2	12.7	-	13.0	13.4	13.9	-	14.0	14.4	14.9	-	15.0	15.4	16.0	-	16.0	16.4	17.0	-	
		Hi PR	222	239	252	-	249	268	283	-	288	305	322	-	322	347	366	-	363	390	412	-	401	431	455	-	
	1350	Lo PR	108	115	125	-	114	121	132	-	118	126	138	-	124	132	145	-	130	139	151	-	135	143	157	-	
		MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
	75	1750	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-
			KW	2.97	3.03	3.12	-	3.18	3.24	3.34	-	3.37	3.43	3.54	-	3.53	3.60	3.71	-	3.67	3.74	3.86	-	3.79	3.87	3.99	-
			Amps	10.8	11.1	11.5	-	11.8	12.1	12.5	-	12.9	13.2	13.7	-	13.9	14.2	14.8	-	14.8	15.2	15.8	-	15.8	16.2	16.8	-
1550		Hi PR	220	236	249	-	246	265	280	-	280	301	318	-	319	343	363	-	359	386	408	-	397	427	451	-	
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
		MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
1350		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
		KW	2.91	2.96	3.05	-	3.11	3.17	3.26	-	3.29	3.36	3.46	-	3.45	3.52	3.62	-	3.58	3.66	3.77	-	3.70	3.77	3.89	-	
75		1750	Amps	10.5	10.8	11.2	-	11.4	11.7	12.2	-	12.5	12.9	13.3	-	13.5	13.8	14.3	-	14.4	14.8	15.3	-	15.3	15.7	16.3	-
			Hi PR	213	229	242	-	239	257	272	-	272	292	309	-	310	333	352	-	348	375	396	-	385	414	437	-
			Lo PR	104	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	130	138	150	-
	1550	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88	
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43	
		ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
	1350	KW	3.02	3.07	3.16	3.26	3.23	3.29	3.39	3.49	3.42	3.49	3.59	3.70	3.58	3.66	3.77	3.89	3.72	3.80	3.92	4.04	3.85	3.93	4.05	4.18	
		Amps	11.0	11.3	11.7	12.2	12.0	12.3	12.8	13.3	13.2	13.5	14.0	14.6	14.2	14.5	15.1	15.7	15.1	15.6	16.1	16.8	16.1	16.6	17.2	17.9	
		Hi PR	224	241	255	265	251	270	286	298	286	308	325	339	326	350	370	386	366	394	416	434	405	435	460	480	
	75	1550	Lo PR	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	169
			MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
			S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
1350		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10	
		KW	2.99	3.05	3.14	3.23	3.21	3.27	3.37	3.47	3.39	3.46	3.56	3.67	3.56	3.63	3.74	3.86	3.70	3.77	3.89	4.01	3.82	3.90	4.02	4.15	
		Amps	10.9	11.2	11.6	12.1	11.9	12.2	12.7	13.2	13.0	13.4	13.9	14.4	14.0	14.4	14.9	15.5	15.0	15.4	16.0	16.6	16.0	16.4	17.0	17.7	
1350		Hi PR	222	239	252	263	249	268	283	295	283	305	322	335	322	347	366	382	363	390	412	430	401	431	455	475	
		Lo PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	
		MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
1350		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	
		ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	
		KW	2.93	2.99	3.07	3.16	3.13	3.20	3.29	3.39	3.31	3.38	3.48	3.59	3.47	3.54	3.65	3.77	3.61	3.68	3.80	3.92	3.73	3.80	3.92	4.05	
1350	Amps	10.6	10.9	11.3	11.7	11.5	11.9	12.3	12.8	12.6	13.0	13.5	14.0	13.6	14.0	14.5	15.1	14.5	14.9	15.5	16.1	15.5	15.9	16.5	17.2		
	Hi PR	215	231	244	255	241	260	274	286	275	295	312	325	313	336	355	371	352	379	400	417	389	418	442	461		
	Lo PR	105	111	122	129	111	118	128	137	115	122	133	142	121	128	140	149	127	135	147	156	131	139	152	162		

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

Shaded area reflects ACCA (TVA) conditions

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

EXPANDED COOLING DATA — WAC4648AB* / CA*F4860*6D* + TXV (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1750	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57	
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
		ΔT	23	22	19	15	23	22	19	15	23	22	19	16	22	22	19	16	22	22	19	15	20	21	18	14	
	1550	kW	3.04	3.10	3.19	3.28	3.25	3.32	3.42	3.52	3.44	3.51	3.62	3.73	3.61	3.69	3.80	3.92	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21	
		Amps	11.1	11.4	11.9	12.3	12.1	12.5	12.9	13.4	13.3	13.7	14.1	14.7	14.3	14.7	15.2	15.8	15.3	15.7	16.3	16.9	16.3	16.7	17.3	18.0	
		Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	465	484	
	1350	Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
		MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3	
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58	
	80	1550	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
			kW	3.02	3.07	3.16	3.26	3.23	3.29	3.39	3.49	3.42	3.49	3.59	3.70	3.58	3.66	3.77	3.89	3.73	3.80	3.92	4.04	3.85	3.93	4.05	4.18
			Amps	11.0	11.3	11.7	12.2	12.0	12.3	12.8	13.3	13.2	13.5	14.0	14.6	14.2	14.5	15.1	15.7	15.2	15.6	16.1	16.8	16.1	16.6	17.2	17.9
1350		Hi PR	224	241	255	266	251	271	286	298	286	308	325	339	326	350	370	386	366	394	416	434	405	436	460	480	
		Lo PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	169	
		MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	
80		1350	S/T	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56
			ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15
			kW	2.95	3.01	3.09	3.18	3.16	3.22	3.31	3.41	3.34	3.41	3.51	3.62	3.50	3.57	3.68	3.80	3.64	3.71	3.83	3.95	3.76	3.83	3.95	4.08
		1350	Amps	10.7	11.0	11.4	11.8	11.7	12.0	12.4	12.9	12.8	13.1	13.6	14.1	13.7	14.1	14.6	15.2	14.7	15.1	15.6	16.3	15.6	16.1	16.6	17.3
			Hi PR	217	234	247	258	244	262	277	289	277	298	315	329	316	340	359	374	355	382	404	421	393	422	446	465
			Lo PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	154	163

85	1750	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26	
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
		ΔT	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	18	
	1550	kW	3.06	3.12	3.21	3.31	3.28	3.34	3.44	3.55	3.47	3.54	3.65	3.76	3.64	3.71	3.83	3.95	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	
		Amps	11.3	11.6	12.0	12.5	12.3	12.6	13.0	13.6	13.4	13.8	14.3	14.9	14.4	14.8	15.4	16.0	15.5	15.9	16.4	17.1	16.5	16.9	17.5	18.2	
		Hi PR	229	246	260	271	256	276	291	304	292	314	331	346	332	357	377	394	374	402	425	443	413	444	469	489	
	1350	Lo PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172	
		MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0	
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76	
	85	1550	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	25	24	21	22	23	22	19
			kW	3.04	3.10	3.19	3.28	3.25	3.32	3.42	3.52	3.44	3.51	3.62	3.73	3.61	3.69	3.80	3.92	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21
			Amps	11.1	11.4	11.9	12.3	12.1	12.5	12.9	13.4	13.3	13.7	14.1	14.7	14.3	14.7	15.2	15.8	15.3	15.7	16.3	16.9	16.3	16.7	17.3	18.0
1350		Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	465	484	
		Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
		MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7	
1350		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73	
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20	
		kW	2.97	3.03	3.12	3.21	3.18	3.24	3.34	3.44	3.36	3.43	3.54	3.65	3.53	3.60	3.71	3.83	3.67	3.74	3.86	3.98	3.79	3.86	3.99	4.11	
1350		Amps	10.8	11.1	11.5	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.7	14.3	13.9	14.2	14.8	15.4	14.8	15.2	15.8	16.4	15.8	16.2	16.8	17.5	
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	362	378	359	386	408	425	397	427	451	470	
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4659AA* / CA*F4961*6A* + TXV + EEP

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	1350	MBh	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.5	52.3	57.3	-	49.3	51.1	56.0	-	46.8	48.5	53.2	-	43.4	44.9	49.2	-
		S/T	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.73	0.61	0.42	-	0.73	0.61	0.42	-
		ΔT	23	20	15	-	23	20	15	-	23	20	15	-	23	20	15	-	23	20	15	-	22	19	14	-
		kW	3.46	3.53	3.63	-	3.71	3.79	3.91	-	3.94	4.02	4.15	-	4.14	4.23	4.36	-	4.31	4.40	4.55	-	4.46	4.55	4.70	-
		Amps	13.2	13.5	14.0	-	14.3	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.6	-	17.6	18.1	18.7	-	18.7	19.2	19.8	-
		Hi PR	222	239	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-
	Lo PR	115	122	134	-	122	129	141	-	126	134	147	-	133	141	154	-	139	148	162	-	144	153	167	-	
	MBh	53.8	55.7	61.1	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.3	54.0	-	44.0	45.6	50.0	-	
	S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-	
	ΔT	22	19	14	-	22	19	14	-	22	19	15	-	22	19	15	-	22	19	14	-	20	18	13	-	
	kW	3.50	3.57	3.68	-	3.76	3.84	3.96	-	3.99	4.08	4.21	-	4.20	4.29	4.43	-	4.37	4.47	4.61	-	4.52	4.62	4.77	-	
	Amps	13.4	13.7	14.2	-	14.5	14.8	15.3	-	15.7	16.1	16.7	-	16.8	17.3	17.8	-	17.9	18.4	19.0	-	19.0	19.5	20.1	-	
Hi PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-		
Lo PR	117	125	136	-	124	132	144	-	129	137	149	-	135	144	157	-	141	151	164	-	146	156	170	-		
MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	60.0	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-		
S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-		
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-		
kW	3.53	3.60	3.71	-	3.79	3.87	3.99	-	4.03	4.11	4.24	-	4.23	4.32	4.46	-	4.41	4.50	4.65	-	4.56	4.66	4.81	-		
Amps	13.5	13.8	14.3	-	14.6	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	18.0	-	18.1	18.5	19.2	-	19.2	19.7	20.3	-		
Hi PR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-		
Lo PR	118	126	137	-	125	133	145	-	130	138	151	-	136	145	158	-	143	152	166	-	148	157	172	-		
75	1350	MBh	53.9	55.5	60.9	64.4	52.6	54.2	58.6	62.9	51.4	52.9	57.2	61.4	50.1	51.6	55.8	59.9	47.6	49.0	53.0	56.9	44.1	45.4	49.1	52.7
		S/T	0.72	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.83	0.74	0.56	0.36
		ΔT	27	24	20	14	27	25	20	14	27	25	20	14	27	25	20	14	27	25	20	14	25	23	19	13
		kW	3.48	3.55	3.66	3.78	3.74	3.82	3.94	4.07	3.97	4.06	4.18	4.32	4.17	4.26	4.40	4.54	4.35	4.44	4.58	4.74	4.49	4.59	4.74	4.90
		Amps	13.3	13.6	14.1	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	17.1	17.7	18.4	17.8	18.3	18.9	19.6	18.9	19.3	20.0	20.8
		Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	405	435	460	479
	Lo PR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	140	149	163	174	145	155	169	180	
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.4	50.9	52.4	56.7	60.8	48.3	49.8	53.9	57.8	44.8	46.1	49.9	53.5	
	S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38	
	ΔT	25	23	19	13	25	23	19	13	26	23	19	13	26	24	19	13	25	23	19	13	24	22	18	12	
	kW	3.53	3.60	3.71	3.83	3.79	3.87	3.99	4.12	4.03	4.11	4.24	4.38	4.23	4.32	4.46	4.61	4.41	4.50	4.65	4.80	4.56	4.66	4.81	4.97	
	Amps	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.9	16.3	16.8	17.5	17.0	17.4	18.0	18.7	18.1	18.5	19.2	19.9	19.2	19.7	20.3	21.1	
Hi PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488		
Lo PR	118	126	137	146	125	133	145	155	130	138	151	161	136	145	158	169	143	152	166	177	148	157	172	183		
MBh	56.3	58.0	62.8	67.4	55.0	56.6	61.3	65.8	53.7	55.3	59.9	64.2	52.4	53.9	58.4	62.7	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1		
S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
ΔT	24	22	18	13	24	22	18	13	24	22	18	13	24	23	18	13	24	22	18	13	23	21	17	12		
kW	3.56	3.63	3.74	3.86	3.82	3.90	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.36	4.50	4.65	4.44	4.54	4.69	4.84	4.60	4.70	4.85	5.01		
Amps	13.6	14.0	14.4	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.2	17.6	18.2	18.9	18.3	18.7	19.4	20.1	19.4	19.8	20.5	21.3		
Hi PR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	427	446	416	447	472	493		
Lo PR	119	127	139	148	126	134	147	156	131	140	152	162	138	147	160	170	144	154	168	179	149	159	173	185		

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 — WAC4659AA* / CA*F4961*6A* + TXV + EEP (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1350	MBh	54.8	56.0	59.8	64.0	53.5	54.7	58.5	62.5	52.3	53.4	57.1	61.0	51.0	52.1	55.7	59.5	48.4	49.5	52.9	56.5	44.9	45.9	49.0	52.4
		S/T	0.79	0.75	0.61	0.45	0.82	0.77	0.63	0.47	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.91	0.86	0.70	0.52
		ΔT	30	28	25	20	30	29	25	20	30	29	25	20	30	29	25	20	30	29	25	20	28	27	23	19
		kW	3.51	3.58	3.69	3.81	3.77	3.85	3.97	4.10	4.00	4.09	4.22	4.36	4.21	4.30	4.44	4.58	4.38	4.48	4.62	4.78	4.53	4.63	4.78	4.94
		Amps	13.4	13.8	14.2	14.7	14.5	14.9	15.4	16.0	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.4	19.0	19.8	19.1	19.5	20.2	21.0
		Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	464	484
	Lo PR	117	125	136	145	124	132	144	153	129	137	150	159	135	144	157	168	142	151	165	176	147	156	170	182	
	1500	MBh	55.7	56.9	60.8	65.0	54.4	55.5	59.3	63.4	53.1	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.3	53.7	57.4	45.6	46.6	49.7	53.2
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		ΔT	28	27	23	19	28	27	24	19	28	27	24	19	27	26	22	18	27	26	22	18	26	25	22	18
		kW	3.56	3.63	3.74	3.86	3.82	3.90	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.36	4.50	4.65	4.44	4.54	4.69	4.84	4.60	4.70	4.85	5.01
		Amps	13.6	14.0	14.4	15.0	14.8	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.2	17.6	18.2	18.9	18.3	18.7	19.4	20.1	19.4	19.8	20.5	21.3
Hi PR		230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	428	446	416	447	472	493	
Lo PR	119	127	139	148	126	134	147	156	131	140	152	162	138	147	160	170	144	154	168	179	149	159	173	185		
1700	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.7	55.9	59.7	63.8	53.3	54.5	58.2	62.2	50.7	51.8	55.3	59.1	46.9	48.0	51.2	54.8	
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.93	0.76	0.57	
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17	
	kW	3.58	3.66	3.77	3.89	3.85	3.93	4.06	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.54	4.69	4.48	4.58	4.73	4.88	4.63	4.74	4.89	5.06	
	Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5	
	Hi PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	
Lo PR	121	128	140	149	127	136	148	158	132	141	154	164	139	148	162	172	146	155	169	180	151	160	175	187		
85	1350	MBh	55.8	56.9	59.5	63.5	54.5	55.5	58.2	62.1	53.2	54.2	56.8	60.6	51.9	52.9	55.4	59.1	49.3	50.2	52.6	56.1	45.7	46.5	48.7	52.0
		S/T	0.83	0.80	0.73	0.59	0.86	0.83	0.75	0.61	0.89	0.85	0.77	0.63	0.91	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.96	0.92	0.83	0.68
		ΔT	32	31	29	25	32	32	30	26	32	32	30	26	32	32	30	26	32	31	30	26	30	29	28	24
		kW	3.54	3.61	3.72	3.84	3.80	3.88	4.00	4.13	4.04	4.12	4.25	4.39	4.24	4.33	4.47	4.62	4.42	4.51	4.66	4.82	4.57	4.67	4.82	4.98
		Amps	13.6	13.9	14.3	14.9	14.7	15.0	15.5	16.1	15.9	16.3	16.9	17.5	17.0	17.5	18.0	18.7	18.1	18.6	19.2	20.0	19.2	19.7	20.4	21.2
		Hi PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	374	402	424	443	413	444	469	489
	Lo PR	119	126	138	147	125	133	146	155	130	139	151	161	137	146	159	169	143	152	166	177	148	158	172	183	
	1500	MBh	56.6	57.7	60.5	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.4	47.3	49.5	52.8
		S/T	0.86	0.83	0.75	0.61	0.90	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70
		ΔT	30	29	28	24	30	30	28	24	30	30	28	24	31	30	28	25	30	30	28	24	28	28	26	23
		kW	3.58	3.66	3.77	3.89	3.85	3.93	4.06	4.19	4.09	4.18	4.31	4.45	4.30	4.39	4.54	4.69	4.48	4.58	4.73	4.88	4.63	4.74	4.89	5.06
		Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5
Hi PR		232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	
Lo PR	121	128	140	149	127	136	148	158	132	141	154	164	139	148	162	172	146	155	169	180	151	160	175	187		
1700	MBh	58.3	59.5	62.3	66.4	57.0	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.3	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4	
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.73	
	ΔT	29	28	27	23	29	28	27	23	29	29	28	24	29	29	27	23	28	28	27	23	26	26	25	22	
	kW	3.61	3.69	3.80	3.92	3.88	3.97	4.09	4.22	4.12	4.21	4.35	4.49	4.34	4.43	4.57	4.73	4.52	4.62	4.77	4.93	4.67	4.78	4.93	5.10	
	Amps	13.9	14.2	14.7	15.3	15.0	15.4	15.9	16.5	16.3	16.7	17.3	18.0	17.5	17.9	18.5	19.2	18.6	19.1	19.7	20.5	19.7	20.2	20.9	21.7	
	Hi PR	235	253	267	278	263	283	299	312	300	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503	
Lo PR	122	130	142	151	129	137	150	159	134	142	155	165	141	150	163	174	147	157	171	182	152	162	177	188		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WAC4659AA* / CA*F4961*6A* + TXV / WMAHV2000A*

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	1350	MBh	54.6	56.6	62.1	-	53.4	55.3	60.6	-	52.1	54.0	59.2	-	50.8	52.7	57.7	-	48.3	50.1	54.8	-	44.7	46.4	50.8	-	
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-	
		ΔT	24	21	16	-	25	21	16	-	25	21	16	-	25	22	16	-	25	21	16	-	25	20	15	-	
	1500	kW	3.26	3.33	3.43	-	3.51	3.59	3.71	-	3.74	3.82	3.95	-	3.94	4.03	4.16	-	4.11	4.20	4.35	-	4.26	4.35	4.50	-	
		Amps	13.2	13.5	14.0	-	14.3	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.6	-	17.6	18.1	18.7	-	18.7	19.2	19.8	-	
		Hi PR	222	239	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-	
	1700	Lo PR	115	122	134	-	122	129	141	-	126	134	147	-	133	141	154	-	139	148	162	-	144	153	167	-	
		MBh	55.5	57.5	63.0	-	54.2	56.2	61.5	-	52.9	54.8	60.1	-	51.6	53.5	58.6	-	49.0	50.8	55.7	-	45.4	47.1	51.6	-	
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
	75	1350	ΔT	23	20	15	-	23	20	15	-	23	20	15	-	24	20	16	-	23	20	15	-	22	19	14	-
			kW	3.30	3.37	3.48	-	3.56	3.64	3.76	-	3.79	3.88	4.01	-	4.00	4.09	4.23	-	4.17	4.27	4.41	-	4.32	4.42	4.57	-
			Amps	13.4	13.7	14.2	-	14.5	14.9	15.3	-	15.8	16.1	16.7	-	16.8	17.3	17.8	-	17.9	18.4	19.0	-	19.0	19.5	20.1	-
1500		Hi PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-	
		Lo PR	117	125	136	-	124	132	144	-	129	137	149	-	135	144	157	-	141	151	164	-	146	156	170	-	
		MBh	57.1	59.2	64.9	-	55.8	57.8	63.4	-	54.5	56.5	61.9	-	53.2	55.1	60.4	-	50.5	52.3	57.3	-	46.8	48.5	53.1	-	
1700		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	
		ΔT	22	19	14	-	22	19	15	-	22	19	15	-	22	19	15	-	22	19	15	-	21	18	14	-	
		kW	3.33	3.40	3.51	-	3.59	3.67	3.79	-	3.83	3.91	4.04	-	4.03	4.12	4.26	-	4.21	4.30	4.45	-	4.36	4.46	4.61	-	
75		1350	Amps	13.5	13.9	14.3	-	14.6	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	18.0	-	18.1	18.5	19.2	-	19.2	19.6	20.3	-
			Hi PR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-
			Lo PR	118	126	137	-	125	133	145	-	130	138	151	-	136	145	158	-	143	152	166	-	148	157	172	-
	1500	MBh	55.6	57.2	61.9	66.5	54.3	55.9	60.5	64.9	53.0	54.6	59.0	63.4	51.7	53.2	57.6	61.8	49.1	50.6	54.7	58.7	45.5	46.8	50.7	54.4	
		S/T	0.75	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.86	0.77	0.58	0.37	
		ΔT	28	26	21	15	29	26	22	15	29	26	22	15	29	27	22	15	28	26	21	15	27	24	20	14	
	1700	kW	3.28	3.35	3.46	3.58	3.54	3.62	3.74	3.87	3.77	3.86	3.98	4.12	3.97	4.06	4.20	4.34	4.15	4.24	4.38	4.54	4.29	4.39	4.54	4.70	
		Amps	13.3	13.7	14.1	14.6	14.4	14.8	15.3	15.8	15.7	16.0	16.6	17.2	16.7	17.1	17.7	18.4	17.8	18.3	18.9	19.6	18.9	19.3	20.0	20.8	
		Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	405	435	460	479	
	75	1500	Lo PR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	140	149	163	174	145	155	169	180
			MBh	56.4	58.1	62.9	67.5	55.1	56.7	61.4	65.9	53.8	55.4	59.9	64.3	52.5	54.0	58.5	62.8	49.9	51.3	55.6	59.6	46.2	47.5	51.5	55.2
			S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
1700		ΔT	27	25	20	14	27	25	20	14	27	25	20	14	27	25	21	14	27	25	20	14	25	23	19	13	
		kW	3.33	3.40	3.51	3.63	3.59	3.67	3.79	3.92	3.83	3.91	4.04	4.18	4.03	4.12	4.26	4.41	4.21	4.30	4.45	4.60	4.36	4.46	4.61	4.77	
		Amps	13.5	13.9	14.3	14.9	14.6	15.0	15.5	16.1	15.9	16.3	16.8	17.5	17.0	17.4	18.0	18.7	18.1	18.5	19.2	19.9	19.2	19.7	20.3	21.1	
1700		Hi PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488	
		Lo PR	118	126	137	146	125	133	145	155	130	138	151	161	136	145	158	169	143	152	166	177	148	157	172	183	
		MBh	58.1	59.8	64.8	69.5	56.8	58.4	63.3	67.9	55.4	57.0	61.7	66.3	54.1	55.7	60.2	64.7	51.4	52.9	57.2	61.4	47.6	49.0	53.0	56.9	
1700		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.93	0.83	0.63	0.41	
		ΔT	25	23	19	13	26	24	19	13	26	24	19	13	26	24	20	14	26	24	19	13	24	22	18	12	
		kW	3.36	3.43	3.54	3.66	3.62	3.70	3.83	3.96	3.86	3.95	4.08	4.22	4.07	4.16	4.30	4.45	4.24	4.34	4.49	4.64	4.40	4.50	4.65	4.81	
1700	Amps	13.7	14.0	14.5	15.0	14.8	15.1	15.6	16.2	16.1	16.4	17.0	17.6	17.2	17.6	18.2	18.9	18.3	18.7	19.3	20.1	19.4	19.8	20.5	21.3		
	Hi PR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	427	446	416	447	472	493		
	Lo PR	119	127	139	148	126	134	147	156	131	140	152	162	138	147	160	170	144	154	168	179	149	159	173	185		

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)

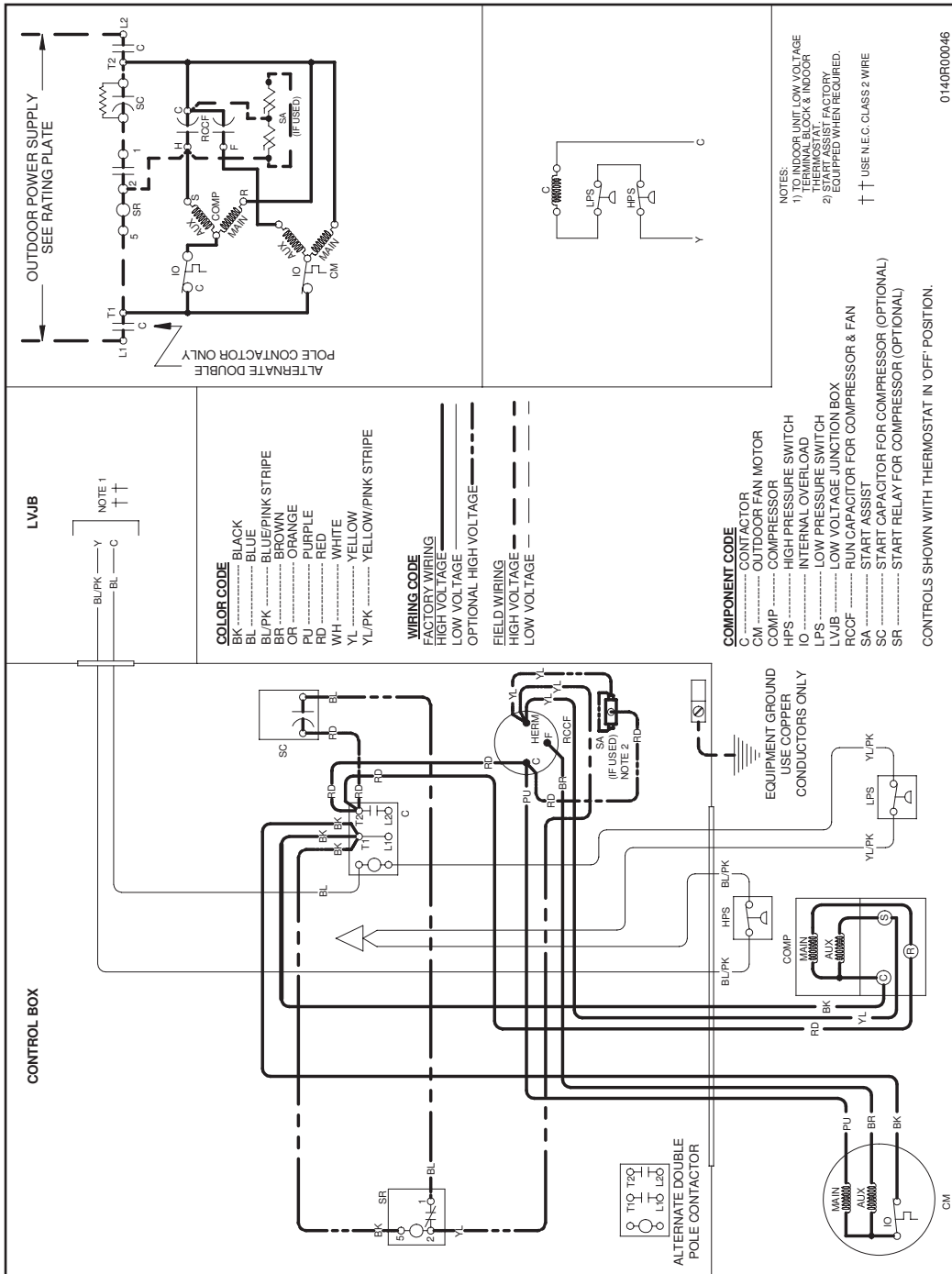
EXPANDED COOLING DATA — WAC4659AA* / CA*F4961*6A* + TXV / WMAHV2000A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	56.6	57.8	61.7	66.0	55.2	56.4	60.3	64.5	53.9	55.1	58.9	62.9	52.6	53.8	57.4	61.4	50.0	51.1	54.6	58.3	46.3	47.3	50.5	54.0
	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
	ΔT	31	30	26	21	32	31	27	21	32	31	27	21	32	31	27	21	32	30	26	21	30	28	25	20
	kW	3.31	3.38	3.49	3.61	3.57	3.65	3.77	3.90	3.80	3.89	4.02	4.16	4.01	4.10	4.24	4.38	4.18	4.28	4.42	4.58	4.33	4.43	4.58	4.74
	Amps	13.5	13.8	14.2	14.8	14.5	14.9	15.4	16.0	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.4	19.0	19.8	19.1	19.5	20.2	21.0
	Hi PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	464	484
	Lo PR	117	125	136	145	124	132	144	153	129	137	150	159	135	144	157	168	142	151	165	176	147	156	170	182
	MBh	57.4	58.7	62.7	67.0	56.1	57.3	61.2	65.5	54.7	55.9	59.8	63.9	53.4	54.6	58.3	62.3	50.7	51.8	55.4	59.2	47.0	48.0	51.3	54.9
	S/T	0.85	0.80	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56
	ΔT	30	29	25	20	30	29	25	20	30	29	25	20	30	29	25	20	30	29	25	20	28	27	23	19
	kW	3.36	3.43	3.54	3.66	3.62	3.70	3.83	3.96	3.86	3.95	4.08	4.22	4.07	4.16	4.30	4.45	4.24	4.34	4.49	4.64	4.40	4.50	4.65	4.81
	Amps	13.7	14.0	14.5	15.0	14.8	15.1	15.6	16.2	16.1	16.4	17.0	17.6	17.2	17.6	18.2	18.9	18.3	18.7	19.3	20.1	19.4	19.8	20.5	21.3
Hi PR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	428	446	416	447	472	493	
Lo PR	119	127	139	148	126	134	147	156	131	140	152	162	138	147	160	170	144	154	168	179	149	159	173	185	
MBh	59.1	60.4	64.6	69.0	57.8	59.0	63.1	67.4	56.4	57.6	61.6	65.8	55.0	56.2	60.1	64.2	52.3	53.4	57.1	61.0	48.4	49.5	52.9	56.5	
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58	
ΔT	28	27	24	19	29	28	24	19	30	28	24	19	30	28	24	19	28	27	24	19	26	26	22	18	
kW	3.38	3.46	3.57	3.69	3.65	3.73	3.86	3.99	3.89	3.98	4.11	4.25	4.10	4.19	4.34	4.49	4.28	4.38	4.53	4.68	4.43	4.54	4.69	4.86	
Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.2	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5	
Hi PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	
Lo PR	121	128	140	149	127	136	148	158	132	141	154	164	139	148	162	172	146	155	169	180	151	160	175	187	
85	MBh	57.5	58.7	61.4	65.5	56.2	57.3	60.0	64.0	54.9	55.9	58.6	62.5	53.5	54.6	57.1	61.0	50.9	51.8	54.3	57.9	47.1	48.0	50.3	53.7
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	0.98	0.95	0.86	0.70
	ΔT	34	33	31	27	34	33	32	27	34	33	32	27	34	34	32	28	34	33	31	27	32	31	29	25
	kW	3.34	3.41	3.52	3.64	3.60	3.68	3.80	3.93	3.84	3.92	4.05	4.19	4.04	4.13	4.27	4.42	4.22	4.31	4.46	4.62	4.37	4.47	4.62	4.78
	Amps	13.6	13.9	14.4	14.9	14.7	15.0	15.5	16.1	16.0	16.3	16.9	17.5	17.0	17.5	18.0	18.7	18.1	18.6	19.2	19.9	19.2	19.7	20.4	21.1
	Hi PR	228	246	260	271	256	276	291	304	291	314	331	345	332	357	377	393	374	402	424	443	413	444	469	489
	Lo PR	119	126	138	147	125	133	146	155	130	139	151	161	137	146	159	169	143	152	166	177	148	158	172	183
	MBh	58.4	59.6	62.4	66.5	57.1	58.2	60.9	65.0	55.7	56.8	59.5	63.4	54.3	55.4	58.0	61.9	51.6	52.6	55.1	58.8	47.8	48.7	51.1	54.5
	S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.98	0.89	0.72
	ΔT	32	31	30	26	32	32	30	26	32	32	30	26	32	32	30	26	32	31	30	26	29	29	28	24
	kW	3.38	3.46	3.57	3.69	3.65	3.73	3.86	3.99	3.89	3.98	4.11	4.25	4.10	4.19	4.34	4.49	4.28	4.38	4.53	4.68	4.43	4.54	4.69	4.86
	Amps	13.8	14.1	14.6	15.1	14.9	15.3	15.8	16.4	16.2	16.6	17.2	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5
Hi PR	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	
Lo PR	121	128	140	149	127	136	148	158	132	141	154	164	139	148	162	172	146	155	169	180	151	160	175	187	
MBh	60.2	61.3	64.2	68.5	58.8	59.9	62.7	66.9	57.4	58.5	61.3	65.3	56.0	57.1	59.8	63.8	53.2	54.2	56.8	60.6	49.3	50.2	52.6	56.1	
S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	
ΔT	30	30	28	24	31	30	29	25	31	30	29	25	30	30	29	25	29	29	28	25	27	27	27	23	
kW	3.41	3.49	3.60	3.72	3.68	3.77	3.89	4.02	3.92	4.01	4.15	4.29	4.14	4.23	4.37	4.53	4.32	4.42	4.57	4.73	4.47	4.58	4.73	4.90	
Amps	13.9	14.3	14.7	15.3	15.0	15.4	15.9	16.5	16.4	16.8	17.3	18.0	17.5	17.9	18.5	19.2	18.6	19.1	19.7	20.5	19.7	20.2	20.9	21.7	
Hi PR	235	253	267	278	263	283	299	312	300	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503	
Lo PR	122	130	142	151	129	137	150	159	134	142	155	165	141	150	163	174	147	157	171	182	152	162	177	188	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

PRODUCT SPECIFICATIONS

WIRING DIAGRAM — WAC4624A**- 48A**



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

⚠ WARNING

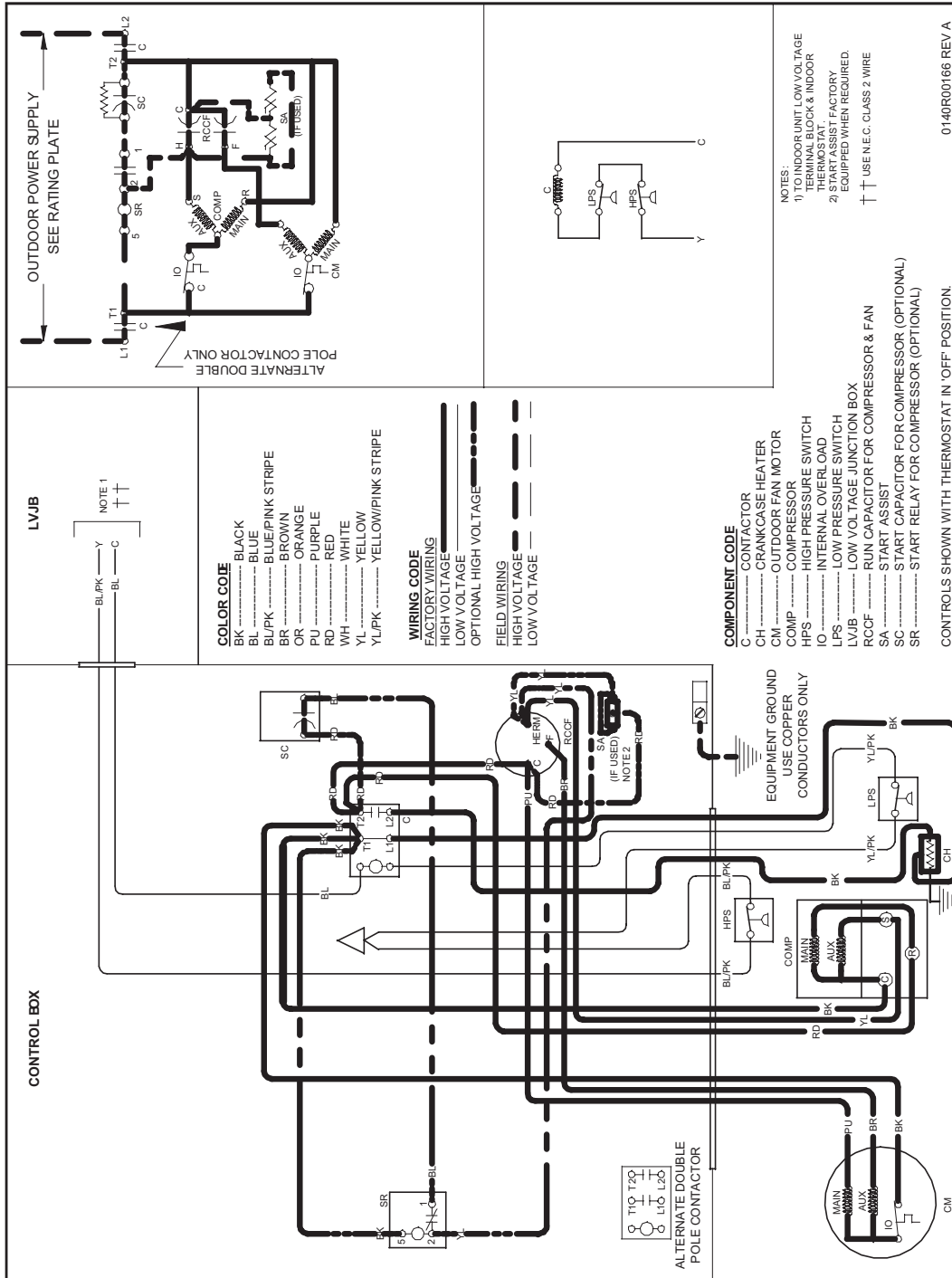
HIGH VOLTAGE!

Disconnect all power before servicing or installing this unit.

Multiple power sources may be present.

Failure to do so may cause property damage, personal injury, or death.

WIRING DIAGRAM — WAC4659A**



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

⚠ WARNING

HIGH VOLTAGE!

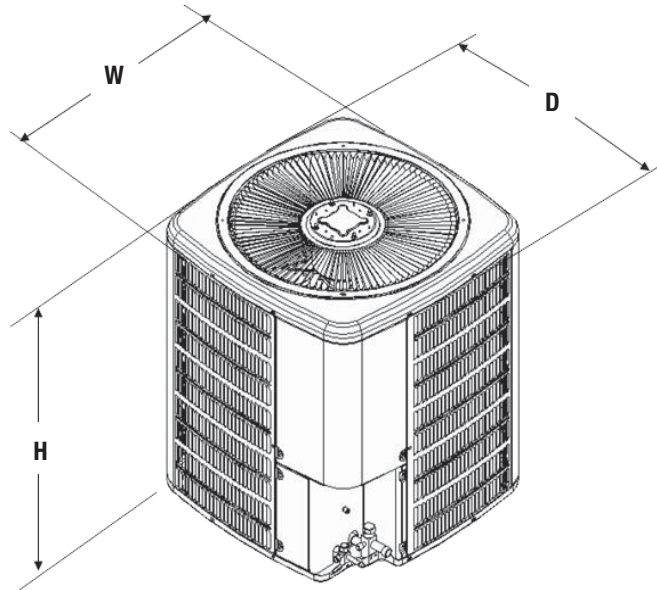
Disconnect all power before servicing or installing this unit.

Multiple power sources may be present.

Failure to do so may cause property damage, personal injury, or death.

PRODUCT SPECIFICATIONS

DIMENSIONS



Model	Dimensions		
	W"	D"	H"
WAC4624AB*	29	29	32¼
WAC4630AA*	29	29	32¼
WAC4636AB*	29	29	32¼
WAC4642AA*	29	29	36¼
WAC4648AA*	35½	35½	38¼
WAC4648AB*	35½	35½	36¼
WAC4659AA*	35½	35½	38¼

ACCESSORIES

Model	Description	WAC46 24AB	WAC46 30AA	WAC46 36AB	WAC46 42AA	WAC46 48AA	WAC46 59AA
0163R00003	Crankcase Heater						X
ABK-20	Anchor Bracket Kit [^]	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X			
CSR-U-2	Hard-start Kit			X	X	X	X
CSR-U-3	Hard-start Kit					X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X
OT18-60A	Outdoor Thermostat / Lockout Stat	X	X	X	X	X	X
TX2N4 ²	TXV Kit	X					
TX2N4A	TXV Kit	X					
TX3N4 ²	TXV Kit		X	X			
TX5N4 ²	TXV Kit				X	X	X

[^] 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 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.

