Whirlpool® Home Cooling & Heating

WAC46

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

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

The Whirlpool® brand WAC46 Air Conditioner uses the chlorine-free refrigerant R-410A. This unit features a high-efficiency scroll compressor plus energy efficiencies 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.

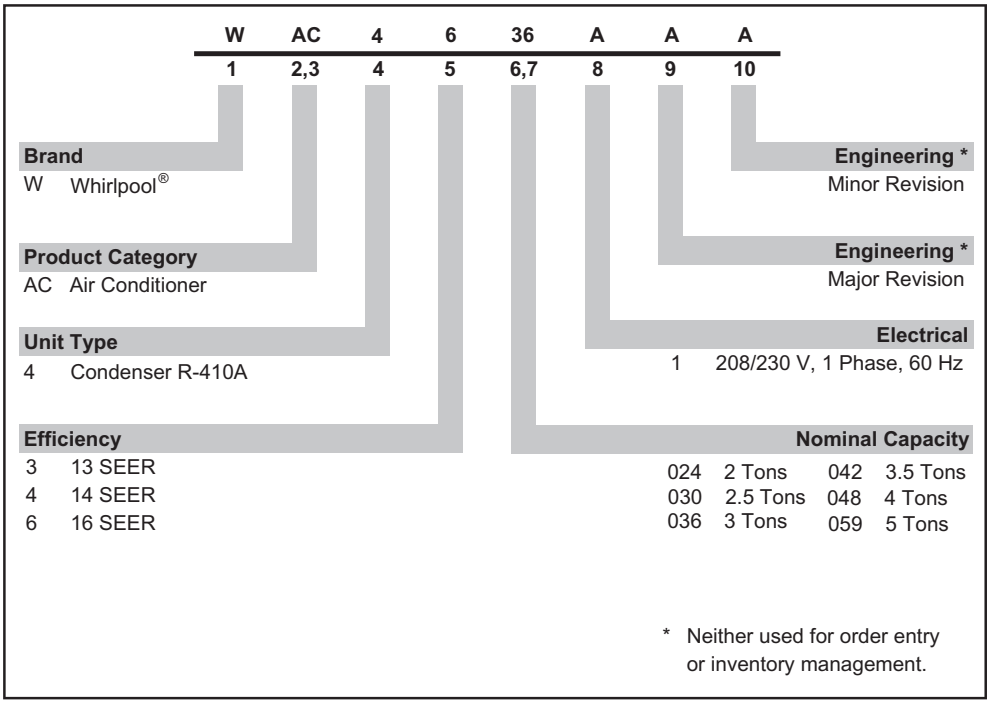
Standard Features
- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
  Single-Stage — 2 through 5 tons
- High-quality compressor sound blanket
- High-pressure switch; low-pressure switch
- Factory-installed filter dryer
- 850-RPM condenser fan motor
- Copper tube/enhanced aluminum 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 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.)

Contents

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	⅜"	¾"	73.5	173
WAC4630AA*	2.5	208/230-1	29	29	32¼	⅜"	¾"	73.5	174
WAC4636AB*	3	208/230-1	29	29	32¼	⅜"	¾"	73.5	182
WAC4642AA*	3.5	208/230-1	29	29	36¼	⅜"	⅞"	73.5	185
WAC4648AA*	4	208/230-1	35½	35½	38¼	⅜"	⅞"	73.5	282
WAC4659AA*	5	208/230-1	35½	35½	36¼	⅜"	⅞"	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 4648AA*	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	73.5	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	1/6	1/4
FLA	1.10	1.10	1.10	1.50	1.00	1.50
Refrigeration System						
Refrigerant Line Size[1]						
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	¾"	¾"	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size						
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.)	¾"	¾"	¾"	⅞"	⅞"	⅞"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	100	96	105	109	247	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	25.9	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	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
Ship Weight (lbs)	173	174	182	185	282	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 ⅞” to 1⅛” adapters for suction line connections.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — WAC4624AB* / W*C3636P4*C*+TXV+EEP

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	-	18	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	-
	800	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	-
		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	-
	700	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	-
75	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
	800	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
		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
	700	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 — Shaded area reflects ACCA (TVA) conditions — Amps = outdoor unit amps (comp.+fan)

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

EXPANDED COOLING DATA — WAC4624AB* / W*C3636P4*C*+TXV+EEP (CONT.)

			Outdoor Ambient Temperature																					
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																					
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	900	MBh	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
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		ΔT	22	21	18	15	22	21	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	17	14
		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
	800	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
		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
	700	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
		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
85	900	MBh	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
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	23	22	19	22	22	22	19	20	21	21	18
		kW	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
	800	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
		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
	700	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
		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 — Shaded area reflects AHRI conditions — Amps = outdoor unit amps (comp.+fan)

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

EXPANDED COOLING DATA — WAC4360AA* / W*C3642P4*C+TXV+EEP

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	850	MBh	25.3	26.2	28.7	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.5	24.4	26.7	-	22.4	23.2	25.4	-	20.7	21.5	23.5	-
		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	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	1.84	1.87	1.92	-	1.96	1.99	2.05	-	2.06	2.10	2.16	-	2.16	2.20	2.26	-	2.24	2.28	2.35	-	2.31	2.35	2.42	-
		Amps	5.4	5.5	5.7	-	5.8	5.9	6.1	-	6.3	6.5	6.7	-	6.7	6.9	7.1	-	7.2	7.3	7.6	-	7.6	7.8	8.0	-
		Hi PR	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-
		Lo PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-
	1000	MBh	27.4	28.4	31.1	-	26.8	27.8	30.4	-	26.1	27.1	29.7	-	25.5	26.4	29.0	-	24.2	25.1	27.5	-	22.4	23.3	25.5	-
		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	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	1.87	1.91	1.96	-	2.00	2.04	2.09	-	2.11	2.15	2.21	-	2.21	2.25	2.31	-	2.29	2.33	2.40	-	2.36	2.41	2.48	-
		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	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-
		Lo PR	116	124	135	-	123	131	143	-	128	136	148	-	134	143	156	-	141	150	163	-	145	155	169	-
	1350	MBh	28.4	29.4	32.2	-	27.7	28.7	31.5	-	27.1	28.0	30.7	-	26.4	27.4	30.0	-	25.1	26.0	28.5	-	23.2	24.1	26.4	-
		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	1.90	1.94	1.99	-	2.03	2.07	2.12	-	2.14	2.18	2.24	-	2.24	2.28	2.35	-	2.32	2.37	2.44	-	2.40	2.44	2.52	-
		Amps	5.6	5.8	5.9	-	6.1	6.2	6.4	-	6.6	6.8	7.0	-	7.1	7.2	7.5	-	7.5	7.7	8.0	-	8.0	8.2	8.4	-
		Hi PR	230	247	261	-	258	278	293	-	293	316	334	-	334	360	380	-	376	405	427	-	415	447	472	-
		Lo PR	119	126	138	-	125	133	146	-	130	139	151	-	137	146	159	-	143	153	167	-	148	158	172	-
75	850	MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.1	24.5	25.3	27.3	29.4	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
		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	20	17	12	22	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
		kW	1.85	1.88	1.93	1.99	1.97	2.01	2.06	2.12	2.08	2.12	2.18	2.24	2.17	2.22	2.28	2.35	2.25	2.30	2.37	2.44	2.32	2.37	2.44	2.51
		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	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
		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
	1000	MBh	27.9	28.7	31.1	33.4	27.2	28.0	30.4	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.5	29.5	22.8	23.5	25.4	27.3
		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	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		kW	1.89	1.92	1.98	2.03	2.01	2.05	2.11	2.17	2.12	2.17	2.23	2.29	2.22	2.27	2.33	2.40	2.31	2.35	2.42	2.49	2.38	2.43	2.50	2.57
		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	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	125	136	145	124	132	144	154	129	137	150	160	136	144	157	168	142	151	165	176	147	156	171	182
	1350	MBh	28.9	29.7	32.2	34.5	28.2	29.0	31.4	33.7	27.5	28.3	30.7	32.9	26.8	27.6	29.9	32.1	25.5	26.3	28.4	30.5	23.6	24.3	26.3	28.3
		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	17	16	13	9	18	16	13	9	18	16	13	9	17	16	13	9	16	15	12	8
		kW	1.91	1.95	2.00	2.06	2.04	2.08	2.14	2.20	2.16	2.20	2.26	2.33	2.26	2.30	2.37	2.44	2.34	2.39	2.46	2.53	2.41	2.46	2.54	2.61
		Amps	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.0	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	232	250	264	275	261	281	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	452	477	497
		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 — WAC4360AA* / W*C3642P4*C+TXV+EEP (CONT.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	850	MBh	26.2	26.8	28.6	30.6	25.6	26.1	27.9	29.9	25.0	25.5	27.3	29.1	24.4	24.9	26.6	28.4	23.1	23.7	25.3	27.0	21.4	21.9	23.4	25.0
		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	25	24	21	17	25	24	21	17	23	22	19	16
		kW	1.86	1.90	1.95	2.00	1.98	2.02	2.08	2.14	2.09	2.13	2.19	2.26	2.19	2.23	2.30	2.37	2.27	2.32	2.38	2.46	2.34	2.39	2.46	2.53
		Amps	5.5	5.6	5.8	6.0	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	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	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478
		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
	1000	MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.3	32.3	27.1	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.3	23.2	23.7	25.4	27.1
		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	19	15
		kW	1.90	1.94	1.99	2.05	2.03	2.07	2.12	2.19	2.14	2.18	2.24	2.31	2.24	2.28	2.35	2.42	2.32	2.37	2.44	2.51	2.40	2.44	2.52	2.59
		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	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	126	138	147	125	133	146	155	130	139	151	161	137	146	159	169	143	153	167	177	148	158	172	184
	1350	MBh	29.4	30.0	32.1	34.3	28.7	29.3	31.3	33.5	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.0	26.5	28.3	30.3	24.0	24.6	26.2	28.1
		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	19	18	16	13	20	19	16	13	19	19	16	13	19	19	16	13	18	18	16	13	16	17	15	12
		kW	1.93	1.96	2.02	2.07	2.06	2.10	2.16	2.22	2.17	2.21	2.28	2.34	2.27	2.32	2.39	2.46	2.36	2.41	2.48	2.55	2.43	2.48	2.56	2.63
		Amps	5.7	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9
		Hi PR	235	253	267	278	263	283	299	312	299	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503
		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
85	850	MBh	26.7	27.2	28.5	30.4	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.5	28.2	23.6	24.0	25.1	26.8	21.8	22.2	23.3	24.8
		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	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	25	26	25	21	24	24	23	20
		kW	1.87	1.91	1.96	2.02	2.00	2.04	2.09	2.15	2.11	2.15	2.21	2.28	2.21	2.25	2.31	2.38	2.29	2.33	2.40	2.47	2.36	2.41	2.48	2.55
		Amps	5.5	5.7	5.8	6.1	6.0	6.1	6.3	6.5	6.5	6.6	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6
		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	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	141	150	163	174	145	155	169	180
	1000	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.1	29.4	31.4	26.9	27.4	28.7	30.6	25.5	26.0	27.2	29.1	23.6	24.1	25.2	26.9
		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	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	20	22	22	22	19
		kW	1.91	1.95	2.00	2.06	2.04	2.08	2.14	2.20	2.16	2.20	2.26	2.33	2.26	2.30	2.37	2.44	2.34	2.39	2.46	2.53	2.41	2.46	2.54	2.61
		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	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	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	29.9	30.5	31.9	34.0	29.2	29.8	31.2	33.2	28.5	29.0	30.4	32.5	27.8	28.3	29.7	31.7	26.4	26.9	28.2	30.1	24.5	24.9	26.1	27.9
		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	20	20	19	17	20	20	19	17	19	20	19	17	19	19	20	17	18	18	19	17	17	17	18	16
		kW	1.94	1.98	2.03	2.09	2.07	2.11	2.17	2.23	2.19	2.23	2.29	2.36	2.29	2.33	2.40	2.48	2.38	2.42	2.50	2.57	2.45	2.50	2.58	2.65
		Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.8	6.9	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0
		Hi PR	237	255	269	281	266	286	302	315	302	325	344	358	344	371	391	408	388	417	440	459	428	461	487	508
		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)

EXPANDED COOLING DATA — WAC4630AA* / W*C3642P4*C + TXV / WMAHV1600A

IDB	AIRFLOW		OUTDOOR AMBIENT TEMPERATURE																					
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																					
			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	-
		Lo PR	113	120	131	-	119	127	138	-	124	132	144	-	130	138	151	-	136	145	158	-	141	150	164	-
	1000	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	-
		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	-
	1350	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	-
		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	-
75	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
		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
	1000	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
		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
	1350	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
		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* / W*C3642P4*C + TXV / WMAHV1600A (cont.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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
		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
		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
	1000	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
		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
	1350	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
		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
		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
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
		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
		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
	1000	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
		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
		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

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4636AB* / W*C4860P4*B*+TXV+EEP

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	-
	1200	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	-
	1050	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	-
75	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
	1200	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
	1050	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 Shaded area reflects ACCA (TVA) conditions Amps = outdoor unit amps (comp.+fan

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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
	1200	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
		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
	1050	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
85	1350	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	22	23	23	20	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
	1200	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
		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
	1050	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 Ter — Shaded area reflects AHRI conditions — Amps = outdoor unit amps (comp.+fan

High and low pressures are measured at the liquid and suctic — kW = Total system pov — Design Subcooling 7 ±2 °F @ the liquid service valve, ARI 95 test condition

EXPANDED COOLING DATA — WAC4642AA* / W*C4860P4*C+TXV+EEP

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	-	19	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	-
		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	-
	1400	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	-
		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	-
	1575	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	-
		Amps	8.0	8.2	8.4	-	8.6	8.8	9.1	-	9.3	9.5	9.9	-	9.9	10.2	10.5	-	10.6	10.8	11.2	-	11.2	11.4	11.8	-
		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	-
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	20	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	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
		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
	1400	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	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
		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
	1575	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	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
		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
		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)

Expanded Cooling Data — WAC4642AA* / W*C4860P4*C+TXV+EEP (cont.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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
		HI PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
		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
	1400	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
		HI PR	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
	1575	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	21	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
		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
		HI PR	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
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
		HI PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480
		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
	1400	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
		HI PR	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
	1575	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
		Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.5	11.9	11.5	11.7	12.1	12.6
		HI PR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452	422	454	479	500
		LO PR	120	127	139	148	126	134	147	156	131	140	152	162	138	147	160	171	145	154	168	179	149	159	174	185

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4642AA* / W*C4860P4*C + TXV / WMAHV2000A

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1225	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	-
		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	-
	1400	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	-
		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	-
	1575	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	-
		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	-
75	1225	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	11	22	20	17	12	22	20	16	11	20	19	15	11
		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
	1400	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
		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
	1575	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
		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

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — WAC4642AA* / W*C4860P4*C + TXV / WMAHV2000A (cont.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1225	MBh	35.8	36.6	39.1	41.8	35.0	35.8	38.2	40.9	34.2	34.9	37.3	39.9	33.3	34.1	36.4	38.9	31.7	32.4	34.6	37.0	29.3	30.0	32.0	34.2
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	2.31	2.36	2.43	2.50	2.48	2.53	2.60	2.68	2.62	2.68	2.76	2.85	2.75	2.81	2.90	2.99	2.86	2.92	3.02	3.11	2.96	3.02	3.12	3.22
		Amps	8.8	9.0	9.3	9.7	9.5	9.7	10.1	10.4	10.3	10.6	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.7	13.2	13.7
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
		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
	1400	MBh	38.8	39.7	42.4	45.3	37.9	38.8	41.4	44.3	37.0	37.8	40.4	43.2	36.1	36.9	39.4	42.2	34.3	35.1	37.5	40.1	31.8	32.5	34.7	37.1
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
		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	3.07	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	12.5	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	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
	1575	MBh	40.0	40.9	43.7	46.7	39.1	39.9	42.7	45.6	38.1	39.0	41.6	44.5	37.2	38.0	40.6	43.4	35.4	36.1	38.6	41.3	32.7	33.5	35.7	38.2
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		ΔT	23	22	19	15	23	22	19	15	22	23	19	15	22	22	19	15	21	21	19	15	19	20	18	14
		kW	2.38	2.43	2.50	2.58	2.55	2.61	2.69	2.77	2.71	2.76	2.85	2.94	2.84	2.90	2.99	3.09	2.96	3.02	3.12	3.22	3.06	3.12	3.22	3.33
		Amps	9.1	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2
		Hi PR	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
85	1225	MBh	36.5	37.2	38.9	41.5	35.6	36.3	38.0	40.6	34.8	35.4	37.1	39.6	33.9	34.6	36.2	38.6	32.2	32.9	34.4	36.7	29.9	30.4	31.9	34.0
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	25	24	21	22	23	23	19
		kW	2.33	2.37	2.44	2.52	2.50	2.55	2.62	2.70	2.64	2.70	2.78	2.87	2.77	2.83	2.92	3.01	2.89	2.95	3.04	3.14	2.98	3.05	3.14	3.25
		Amps	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.3	13.8
		Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480
		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
	1400	MBh	39.5	40.3	42.2	45.0	38.6	39.3	41.2	44.0	37.7	38.4	40.2	42.9	36.8	37.5	39.2	41.9	34.9	35.6	37.3	39.8	32.3	33.0	34.5	36.8
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		ΔT	25	25	24	20	25	25	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	22	19
		kW	2.38	2.43	2.50	2.58	2.55	2.61	2.69	2.77	2.71	2.76	2.85	2.94	2.84	2.90	2.99	3.09	2.96	3.02	3.12	3.22	3.06	3.12	3.22	3.33
		Amps	9.1	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2
		Hi PR	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
	1575	MBh	40.7	41.5	43.5	46.4	39.8	40.5	42.4	45.3	38.8	39.6	41.4	44.2	37.9	38.6	40.4	43.1	36.0	36.7	38.4	41.0	33.3	34.0	35.6	37.9
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		ΔT	24	24	23	20	23	24	23	20	23	23	23	20	22	23	23	20	21	21	22	20	19	20	21	18
		kW	2.40	2.45	2.52	2.60	2.57	2.63	2.71	2.79	2.73	2.79	2.87	2.96	2.86	2.93	3.02	3.11	2.98	3.04	3.14	3.24	3.08	3.15	3.25	3.35
		Amps	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.4	11.9	11.5	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.8	14.3
		Hi PR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452	422	454	479	500
		Lo PR	120	127	139	148	126	134	147	156	131	140	152	162	138	147	160	171	145	154	168	179	149	159	174	185

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WAC4648AA* / W*C4860P4*B* + TXV / WMAHV2000A

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1744	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-
		S/T	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.62	2.67	2.76	-	2.82	2.88	2.97	-	3.00	3.06	3.16	-	3.16	3.23	3.33	-	3.29	3.36	3.48	-	3.41	3.48	3.60	-
		Amps	9.9	10.1	10.5	-	10.7	11.0	11.3	-	11.6	11.9	12.3	-	12.4	12.7	13.2	-	13.2	13.6	14.0	-	14.0	14.4	14.9	-
		Hi PR	226	243	247	-	256	275	279	-	291	312	317	-	331	356	361	-	372	400	406	-	417	448	455	-
		Lo PR	122	126	138	-	126	130	142	-	130	134	147	-	134	138	151	-	136	141	154	-	140	144	157	-
	1550	MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-
		S/T	0.72	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	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	2.60	2.65	2.74	-	2.80	2.86	2.95	-	2.97	3.04	3.14	-	3.13	3.20	3.31	-	3.26	3.34	3.45	-	3.38	3.45	3.57	-
		Amps	9.8	10.0	10.4	-	10.6	10.9	11.2	-	11.5	11.8	12.2	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-
		Hi PR	224	241	244	-	253	272	276	-	288	309	314	-	328	352	357	-	369	396	402	-	413	444	450	-
		Lo PR	121	125	136	-	125	129	140	-	129	133	145	-	132	137	149	-	135	139	152	-	138	143	156	-
	1356	MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	2.58	2.63	2.72	-	2.78	2.84	2.93	-	2.95	3.01	3.11	-	3.10	3.17	3.28	-	3.24	3.31	3.42	-	3.35	3.42	3.54	-
		Amps	9.7	10.0	10.3	-	10.5	10.8	11.1	-	11.4	11.7	12.1	-	12.2	12.5	12.9	-	13.0	13.3	13.8	-	13.8	14.1	14.6	-
		Hi PR	222	238	242	-	250	269	273	-	285	306	311	-	324	349	354	-	365	392	398	-	409	440	446	-
		Lo PR	120	124	135	-	123	127	139	-	128	132	144	-	131	135	148	-	134	138	151	-	137	141	154	-
75	1744	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	**44.9**	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	**0.84**	0.64	0.41	0.98	0.87	0.66	0.43	0.99	0.88	0.67	0.43
		ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	2.62	2.67	2.76	2.85	2.82	2.88	2.97	3.07	3.00	3.06	3.16	3.27	3.16	**3.23**	3.33	3.44	3.29	3.36	3.48	3.59	3.41	3.48	3.60	3.72
		Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.3	11.8	11.6	11.9	12.3	12.8	12.4	**12.7**	13.2	13.7	13.2	13.6	14.0	14.6	14.0	14.4	14.9	15.4
		Hi PR	226	243	247	252	256	275	279	285	291	312	317	324	331	**356**	361	369	372	400	406	415	417	448	455	465
		Lo PR	122	126	138	147	126	130	142	151	130	134	147	156	134	**138**	151	160	136	141	154	164	140	144	157	168
	1550	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	**43.6**	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	**0.80**	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
		ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	**21**	17	12	22	20	17	12	21	19	16	11
		kW	2.60	2.65	2.74	2.83	2.80	2.86	2.95	3.05	2.97	3.04	3.14	3.24	3.13	**3.20**	3.31	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		Amps	9.8	10.0	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.7	12.3	**12.6**	13.1	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.3
		Hi PR	224	241	244	249	253	272	276	282	288	309	314	321	328	**352**	357	365	369	396	402	411	413	444	450	460
		Lo PR	121	125	136	145	125	129	140	150	129	133	145	155	132	**137**	149	159	135	139	152	162	138	143	156	166
	1356	MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	**40.2**	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	**0.77**	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	19	16	11
		kW	2.58	2.63	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.22	3.10	**3.17**	3.28	3.39	3.24	3.31	3.42	3.53	3.35	3.42	3.54	3.66
		Amps	9.7	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	**12.5**	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2
		Hi PR	222	238	242	247	250	269	273	279	285	306	311	317	324	**349**	354	362	365	392	398	407	409	440	446	456
		Lo PR	120	124	135	144	123	127	139	148	128	132	144	153	131	**135**	148	157	134	138	151	160	137	141	154	164

IDB: Entering Indoor Dry Bulb Temperature — Shaded area reflects ACCA (TVA) conditions — Amps = outdoor unit amps (comp.+fan)

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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1744	MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5
		S/T	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	24	23	20	16	25	23	20	16	24	23	20	16	23	23	20	16	22	23	20	16	21	21	19	15
		kW	2.62	2.67	2.76	2.85	2.82	2.88	2.97	3.07	3.00	3.06	3.16	3.27	3.16	3.23	3.33	3.44	3.29	3.36	3.48	3.59	3.41	3.48	3.60	3.72
		Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.3	11.8	11.6	11.9	12.3	12.8	12.4	12.7	13.2	13.7	13.2	13.6	14.0	14.6	14.0	14.4	14.9	15.4
		Hi PR	226	243	247	252	256	275	279	285	291	312	317	324	331	356	361	369	372	400	406	415	417	448	455	465
		Lo PR	122	126	138	147	126	130	142	151	130	134	147	156	134	138	151	160	136	141	154	164	140	144	157	168
	1550	MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	**47.0**	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	**0.75**	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
		ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	**21**	17	24	24	21	17	22	22	19	15
		kW	2.60	2.65	2.74	2.83	2.80	2.86	2.95	3.05	2.97	3.04	3.14	3.24	3.13	3.20	**3.31**	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		Amps	9.8	10.0	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.7	12.3	12.6	**13.1**	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.3
		Hi PR	224	241	244	249	253	272	276	282	288	309	314	321	328	352	**357**	365	369	396	402	411	413	444	450	460
		Lo PR	121	125	136	145	125	129	140	150	129	133	145	155	132	137	**149**	159	135	139	152	162	138	143	156	166
	1356	MBh	42.7	43.6	46.6	49.9	41.7	42.6	45.6	48.7	40.7	41.6	44.5	47.5	39.7	40.6	43.4	46.4	37.8	38.6	41.2	44.1	35.0	35.7	38.2	40.8
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	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	2.58	2.63	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.22	3.10	3.17	3.28	3.39	3.24	3.31	3.42	3.53	3.35	3.42	3.54	3.66
		Amps	9.7	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2
		Hi PR	222	238	242	247	250	269	273	279	285	306	311	317	324	349	354	362	365	392	398	407	409	440	446	456
		Lo PR	120	124	135	144	123	127	139	148	128	132	144	153	131	135	148	157	134	138	151	160	137	141	154	164
85	1744	MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80
		ΔT	25	25	23	20	25	25	24	21	24	25	24	21	24	24	24	21	23	23	24	20	21	21	22	19
		kW	2.62	2.67	2.76	2.85	2.82	2.88	2.97	3.07	3.00	3.06	3.16	3.27	3.16	3.23	3.33	3.44	3.29	3.36	3.48	3.59	3.41	3.48	3.60	3.72
		Amps	9.9	10.1	10.5	10.9	10.7	11.0	11.3	11.8	11.6	11.9	12.3	12.8	12.4	12.7	13.2	13.7	13.2	13.6	14.0	14.6	14.0	14.4	14.9	15.4
		Hi PR	226	243	247	252	256	275	279	285	291	312	317	324	331	356	361	369	372	400	406	415	417	448	455	465
		Lo PR	122	126	138	147	126	130	142	151	130	134	147	156	134	138	151	160	136	141	154	164	140	144	157	168
	1550	MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	26	26	24	21	27	26	25	21	27	26	25	21	26	26	25	22	25	25	25	21	23	23	23	20
		kW	2.60	2.65	2.74	2.83	2.80	2.86	2.95	3.05	2.97	3.04	3.14	3.24	3.13	3.20	3.31	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		Amps	9.8	10.0	10.4	10.8	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.7	12.3	12.6	13.1	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.3
		Hi PR	224	241	244	249	253	272	276	282	288	309	314	321	328	352	357	365	369	396	402	411	413	444	450	460
		Lo PR	121	125	136	145	125	129	140	150	129	133	145	155	132	137	149	159	135	139	152	162	138	143	156	166
	1356	MBh	43.5	44.3	46.4	49.5	42.5	43.3	45.3	48.4	41.4	42.2	44.2	47.2	40.4	41.2	43.2	46.0	38.4	39.2	41.0	43.7	35.6	36.3	38.0	40.5
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20
		kW	2.58	2.63	2.72	2.80	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.22	3.10	3.17	3.28	3.39	3.24	3.31	3.42	3.53	3.35	3.42	3.54	3.66
		Amps	9.7	10.0	10.3	10.7	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.1	14.6	15.2
		Hi PR	222	238	242	247	250	269	273	279	285	306	311	317	324	349	354	362	365	392	398	407	409	440	446	456
		Lo PR	120	124	135	144	123	127	139	148	128	132	144	153	131	135	148	157	134	138	151	160	137	141	154	164

Shaded area reflects ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves. Design Subcooling @ ARI 95°F Conditions, 7° ±2°F @ the Service Valve

EXPANDED COOLING DATA — WAC4659AA* / W*C4961P4*C + TXV + EEP

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	-
	1500	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	-
	1700	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	60.0	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
	1500	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
	1700	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* / W*C4961P4*C + TXV + EEP (cont.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	29	27	24	19	28	27	24	19	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	28	27	23	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)

EXPANDED COOLING DATA — WAC4659AA* / W*C4961P4*C + TXV / WMAHV2000A

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	-	23	20	15	-
		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	-
		Lo PR	115	122	134	-	122	129	141	-	126	134	147	-	133	141	154	-	139	148	162	-	144	153	167	-
	1500	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	-
		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	-
		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	-
	1700	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	-
		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	-
		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	-
75	1350	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
		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
		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
	1500	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
		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
		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
	1700	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
		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
		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* / W*C4961P4*C + TXV / WMAHV2000A (CONT.)

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	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
	1500	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
	1700	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	29	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	1350	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
	1500	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
	1700	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)

AHRI PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #	Tax Credit
	Coil and Blower Units	Furnace	Total	Sensible	S/T	EER95F	SEER		
WAC4624AB*	CA*F3636*6C*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850631	Yes
	CA*F3636*6C*+TXV	WGF*295045V3B**	24000	17520	.73	13.20	16.00	3850632	Yes
	CA*F3642*6C*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850634	Yes
	CA*F3642*6C*+TXV	WGF*295090V5D**	24000	17520	.73	13.20	16.00	3850633	Yes
	CA*F3743*6A*+TXV	WGF*295090V5D**	24000	17520	.73	13.20	16.00	3850636	Yes
	CA*F3743*6A*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850635	Yes
	W*C3636P4*C*+EEP+TXV		23400	17082	.73	12.50	15.00	3763699	
	W*C3636P4*C*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3763701	Yes
	W*C3636P4*C*+TXV	WGF*295045V3B**	24000	17520	.73	13.20	16.00	3850585	Yes
	W*C3636P4*C*+WMAHV1600AB*+TXV		24000	17520	.73	13.20	16.00	3763700	Yes
	W*C3642P4*C*+TXV	WGF*28090V5C**	24000	17520	.73	13.20	16.00	3763703	Yes
	W*C3642P4*C*+TXV	WGF*28070V4B**	24000	17520	.73	13.00	15.50	3763702	
	W*C3642P4*C*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850587	Yes
	W*C3642P4*C*+TXV	WGF*295090V5D**	24000	17520	.73	13.20	16.00	3850586	Yes
	W*C3743P4*A*+TXV	WGF*295090V5D**	24000	17520	.73	13.20	16.00	3850589	Yes
	W*C3743P4*A*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850588	Yes
	W*C3743P4*A*+TXV	WGF*28090V5C**	24000	17520	.73	13.20	16.00	3763704	Yes
	WAHME3137P4AA*+TXV		24000	17520	.73	13.00	16.00	3763698	Yes
	WAHMV3137P4AA*+TXV		24000	17520	.73	13.00	16.00	3763697	Yes
	WCH3636P4BC*+EEP+TXV		23000	16790	.73	12.00	14.50	3763705	
	WCH3636P4BC*+TXV	WGF*295070V4C**	24000	17520	.73	13.20	16.00	3850596	Yes
	WCH3642P4CC*+TXV	WGF*28115V5C**	24000	17520	.73	13.00	16.00	3763708	Yes
	WCH3642P4CC*+TXV	WGF*295070V4C**	24000	17520	.73	13.50	16.00	3850597	Yes
	WCH3642P4CC*+TXV	WGF*28070V4B**	24000	17520	.73	13.00	15.50	3763707	
	WCH3743P4CB*+TXV	WGF*28070V4B**	24000	17520	.73	13.00	15.50	3763709	
	WCH4860P4BC*+WMAHV1200AB*+TXV		24000	17520	.73	13.20	16.00	3763706	Yes
WAC4630AA*	CA*F3642*6C*+EEP+TXV		28800	21888	.76	12.20	14.50	3870118	
	CA*F3642*6C*+TXV	WGF*293090V5D**	28800	21888	.76	13.00	16.00	3870128	Yes
	CA*F3642*6C*+TXV	WGF*295045V3B**	28600	21736	.76	12.50	15.00	3870130	
	CA*F3642*6C*+TXV	WGF*295090V5D**	28800	21888	.76	13.00	16.00	3870134	Yes
	CA*F3642*6C*+TXV	WGF*295070V4C**	28600	21736	.76	12.50	15.00	3870132	
	CA*F3642*6C*+TXV	WGF*28070V4B**	28800	21888	.76	12.70	15.50	3870122	
	CA*F3642*6C*+TXV	WGF*28090V5C**	28800	21888	.76	12.70	15.50	3870124	
	CA*F3642*6C*+TXV	WGF*293070V4C**	28600	21736	.76	12.70	15.50	3870126	
	CA*F3642*6C*+TXV	WGF*295115V5D**	28600	21736	.76	12.50	15.00	3870136	
	CA*F3642*6C*+WMAHV1600AB*+TXV		29000	22040	.76	13.00	16.00	3870120	Yes
	CA*F3743*6A*+TXV	WGF*295045V3B**	28800	21888	.76	12.50	15.00	3870148	
	CA*F3743*6A*+TXV	WGF*295070V4C**	28800	21888	.76	12.70	15.50	3870150	
	CA*F3743*6A*+TXV	WGF*295090V5D**	28800	21888	.76	13.00	16.00	3870152	Yes
	CA*F3743*6A*+TXV	WGF*28070V4B**	28800	21888	.76	13.00	16.00	3870140	Yes
	CA*F3743*6A*+TXV	WGF*28090V5C**	28800	21888	.76	13.00	16.00	3870142	Yes
	CA*F3743*6A*+TXV	WGF*293070V4C**	28800	21888	.76	13.00	16.00	3870144	Yes
	CA*F3743*6A*+TXV	WGF*293090V5D**	28800	21888	.76	13.00	16.00	3870146	Yes
	CA*F3743*6A*+TXV	WGF*295115V5D**	28800	21888	.76	13.00	16.00	3870154	Yes
	CA*F3743*6A*+WMAHV1600AB*+TXV		28800	21888	.76	13.00	16.00	3870138	Yes
	W*C3642P4*C*+EEP+TXV		28800	21888	.76	12.20	14.50	3870117	
	W*C3642P4*C*+TXV	WGF*28070V4B**	28800	21888	.76	12.70	15.50	3870121	
	W*C3642P4*C*+TXV	WGF*293090V5D**	28800	21888	.76	13.00	16.00	3870127	Yes
	W*C3642P4*C*+TXV	WGF*295045V3B**	28600	21736	.76	12.50	15.00	3870129	
	W*C3642P4*C*+TXV	WGF*28090V5C**	28800	21888	.76	12.70	15.50	3870123	
	W*C3642P4*C*+TXV	WGF*295070V4C**	28600	21736	.76	12.50	15.00	3870131	
	W*C3642P4*C*+TXV	WGF*295090V5D**	28800	21888	.76	13.00	16.00	3870133	Yes
	W*C3642P4*C*+TXV	WGF*293070V4C**	28600	21736	.76	12.70	15.50	3870125	
	W*C3642P4*C*+TXV	WGF*295115V5D**	28600	21736	.76	12.50	15.00	3870135	
	W*C3642P4*C*+WMAHV1600AB*+TXV		29000	22040	.76	13.00	16.00	3870119	Yes
	W*C3743P4*A*+TXV	WGF*295090V5D**	28800	21888	.76	13.00	16.00	3870151	Yes
	W*C3743P4*A*+TXV	WGF*295070V4C**	28800	21888	.76	12.70	15.50	3870149	
	W*C3743P4*A*+TXV	WGF*295045V3B**	28800	21888	.76	12.50	15.00	3870147	

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #	Tax Credit
	Coil and Blower Units	Furnace	Total	Sensible	S/T	EER95F	SEER		
WAC4630AA* cont.	W*C3743P4*A*+TXV	WGF*293090V5D**	28800	21888	.76	13.00	16.00	3870145	Yes
	W*C3743P4*A*+TXV	WGF*293070V4C**	28800	21888	.76	13.00	16.00	3870143	Yes
	W*C3743P4*A*+TXV	WGF*28090V5C**	28800	21888	.76	13.00	16.00	3870141	Yes
	W*C3743P4*A*+TXV	WGF*295115V5D**	28800	21888	.76	13.00	16.00	3870153	Yes
	W*C3743P4*A*+TXV	WGF*28070V4B**	28800	21888	.76	13.00	16.00	3870139	Yes
	W*C3743P4*A*+WMAHV1600AB*+TXV		28800	21888	.76	13.00	16.00	3870137	Yes
	WAHME3137P4AA*+TXV		29000	22040	.76	13.00	16.00	3870116	Yes
	WAHMV3137P4AA*+TXV		29000	22040	.76	13.00	16.00	3863293	Yes
	WCH3642P4CC*+TXV	WGF*28115V5C**	28800	21888	.76	13.00	16.00	3870158	Yes
	WCH3642P4CC*+TXV	WGF*293070V4C**	28800	21888	.76	12.70	15.50	3870159	
	WCH3642P4CC*+TXV	WGF*295045V3B**	28800	21888	.76	12.50	15.00	3870160	
	WCH3642P4CC*+TXV	WGF*295070V4C**	28800	21888	.76	12.70	15.50	3870161	
	WCH3642P4CC*+TXV	WGF*28070V4B**	28800	21888	.76	13.00	16.00	3870156	Yes
	WCH3642P4CC*+TXV	WGF*28090V5C**	28800	21888	.76	13.00	16.00	3870157	Yes
	WCH3642P4CC*+WMAHV1600AB*+TXV		28800	21888	.76	13.00	16.00	3870155	Yes
	WCH3642P4DC*+TXV	WGF*293090V5D**	28800	21888	.76	13.00	16.00	3870163	Yes
	WCH3642P4DC*+TXV	WGF*295090V5D**	28800	21888	.76	13.00	16.00	3870164	Yes
	WCH3642P4DC*+TXV	WGF*295115V5D**	28800	21888	.76	13.00	16.00	3870165	Yes
	WCH3642P4DC*+WMAHV2000AB*+TXV		28800	21888	.76	12.70	15.50	3870162	
	WCH3743P4CB*+TXV	WGF*295115V5D**	29000	22040	.76	13.00	16.00	3870175	Yes
	WCH3743P4CB*+TXV	WGF*28070V4B**	29000	22040	.76	13.00	16.00	3870168	Yes
	WCH3743P4CB*+TXV	WGF*28090V5C**	29000	22040	.76	13.00	16.00	3870169	Yes
	WCH3743P4CB*+TXV	WGF*293070V4C**	29000	22040	.76	13.00	16.00	3870170	Yes
	WCH3743P4CB*+TXV	WGF*293090V5D**	29000	22040	.76	13.00	16.00	3870171	Yes
	WCH3743P4CB*+TXV	WGF*295045V3B**	29000	22040	.76	12.70	15.50	3870172	
	WCH3743P4CB*+TXV	WGF*295070V4C**	29000	22040	.76	13.00	16.00	3870173	Yes
	WCH3743P4CB*+TXV	WGF*295090V5D**	29000	22040	.76	13.00	16.00	3870174	Yes
	WCH3743P4CB*+WMAHV1600AB*+TXV		29000	22040	.76	13.00	16.00	3870166	Yes
	WCH3743P4CB*+WMAHV2000AB*+TXV		29000	22040	.76	13.00	16.00	3870167	Yes
	WCH3743P4DB*+TXV	WGF*28070V4B**	29000	22040	.76	13.00	16.00	3870176	Yes
	WCH3743P4DB*+TXV	WGF*28090V5C**	29000	22040	.76	13.00	16.00	3870177	Yes
	WCH3743P4DB*+TXV	WGF*293070V4C**	29000	22040	.76	12.70	15.50	3870178	
	WCH3743P4DB*+TXV	WGF*293090V5D**	29000	22040	.76	13.00	16.00	3870179	Yes
	WCH3743P4DB*+TXV	WGF*295045V3B**	29000	22040	.76	12.70	15.50	3870180	
	WCH3743P4DB*+TXV	WGF*295070V4C**	29000	22040	.76	13.00	16.00	3870181	Yes
	WCH3743P4DB*+TXV	WGF*295090V5D**	29000	22040	.76	13.00	16.00	3870182	Yes
	WCH3743P4DB*+TXV	WGF*295115V5D**	29000	22040	.76	13.00	16.00	3870183	Yes
WAC4636AB*	CA*F4860*6B*+TXV	WGF*295115V5D**	35000	26600	.76	13.20	16.00	3850637	Yes
	CA*F4860*6B*+TXV	WGF*295070V4C**	34000	25840	.76	13.00	15.50	3850638	
	CA*F4860*6B*+TXV	WGF*295090V5D**	35000	26600	.76	13.20	16.00	3850639	Yes
	CA*F4961*6A*+TXV	WGF*295070V4C**	34000	25840	.76	13.00	15.50	3850640	
	W*C4860P4*B*+EEP+TXV		34000	25840	.76	12.00	14.00	3763712	
	W*C4860P4*B*+TXV	WGF*295070V4C**	34000	25840	.76	13.00	15.50	3850591	
	W*C4860P4*B*+TXV	WGF*295115V5D**	35000	26600	.76	13.20	16.00	3850590	Yes
	W*C4860P4*B*+TXV	WGF*295090V5D**	35000	26600	.76	13.20	16.00	3850592	Yes
	W*C4860P4*B*+WMAHV1600AB*+TXV		34000	25840	.76	13.00	16.00	3763713	Yes
	W*C4860P4*B*+WMAHV2000AB*+TXV		35000	26600	.76	13.20	16.00	3763714	Yes
	W*C4961P4*A*+TXV	WGF*295070V4C**	34000	25840	.76	13.00	15.50	3850593	
	WAHME4260P4AB*+TXV		34600	26296	.76	13.00	16.00	3763711	Yes
	WAHMV4260P4AB*+TXV		34600	26296	.76	13.20	16.00	3763710	Yes
	WCH4860P4DD*+EEP+TXV		34000	25840	.76	12.00	14.00	3763715	
	WCH4860P4DD*+TXV	WGF*295090V5D**	35000	26600	.76	13.20	16.00	3850600	Yes
	WCH4860P4DD*+TXV	WGF*295070V4C**	34400	26144	.76	13.00	15.50	3850598	
	WCH4860P4DD*+TXV	WGF*295115V5D**	35000	26600	.76	13.20	16.00	3850599	Yes
	WCH4860P4DD*+TXV	WGF*28090V5C**	34600	26296	.76	12.50	15.50	3763718	
	WCH4860P4DD*+TXV	WGF*28070V4B**	34400	26144	.76	12.50	15.50	3763717	
	WCH4860P4DD*+TXV	WGF*28115V5C**	34600	26296	.76	12.50	15.50	3763719	
	WCH4860P4DD*+WMAHV2000AB*+TXV		35000	26600	.76	13.20	16.00	3763716	Yes
WAC4642AA*	CA*F4860*6B*+EEP+TXV		39000	30420	.78	12.20	14.50	3870187	
	CA*F4860*6B*+TXV	WGF*295090V5D**	39000	30420	.78	12.50	15.00	3870199	

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #	Tax Credit
	Coil and Blower Units	Furnace	Total	Sensible	S/T	EER95F	SEER		
WAC4642AA* cont.	CA*F4860*6B*+TXV	WGF*295115V5D**	39000	30420	.78	13.00	16.00	3870201	Yes
	CA*F4860*6B*+TXV	WGF*295070V4C**	38500	30030	.78	12.50	15.00	3870197	
	CA*F4860*6B*+TXV	WGF*28090V5C**	39000	30420	.78	13.00	16.00	3870193	Yes
	CA*F4860*6B*+TXV	WGF*28070V4B**	38500	30030	.78	12.50	15.00	3870191	
	CA*F4860*6B*+TXV	WGF*28115V5C**	39000	30420	.78	13.00	16.00	3870195	Yes
	CA*F4860*6B*+WMAHV2000AB*+TXV		39000	30420	.78	13.00	16.00	3870189	Yes
	CA*F4961*6A*+EEP+TXV		39000	30420	.78	12.20	14.50	3870203	
	CA*F4961*6A*+TXV	WGF*28070V4B**	39000	30420	.78	12.70	15.50	3870207	
	CA*F4961*6A*+TXV	WGF*28090V5C**	39500	30810	.78	13.00	16.00	3870209	Yes
	CA*F4961*6A*+TXV	WGF*28115V5C**	39500	30810	.78	13.00	16.00	3870211	Yes
	CA*F4961*6A*+TXV	WGF*293070V4C**	39500	30810	.78	12.70	15.50	3870213	
	CA*F4961*6A*+TXV	WGF*293090V5D**	39500	30810	.78	13.00	16.00	3870215	Yes
	CA*F4961*6A*+TXV	WGF*295070V4C**	39500	30810	.78	12.50	15.00	3870217	
	CA*F4961*6A*+TXV	WGF*295090V5D**	39500	30810	.78	12.70	15.50	3870219	
	CA*F4961*6A*+TXV	WGF*295115V5D**	39500	30810	.78	13.00	16.00	3870221	Yes
	CA*F4961*6A*+WMAHV2000AB*+TXV		40000	31200	.78	13.00	16.00	3870205	Yes
	W*C4860P4*B*+EEP+TXV		39000	30420	.78	12.20	14.50	3870186	
	W*C4860P4*B*+TXV	WGF*295115V5D**	39000	30420	.78	13.00	16.00	3870200	Yes
	W*C4860P4*B*+TXV	WGF*295090V5D**	39000	30420	.78	12.50	15.00	3870198	
	W*C4860P4*B*+TXV	WGF*28070V4B**	38500	30030	.78	12.50	15.00	3870190	
	W*C4860P4*B*+TXV	WGF*28090V5C**	39000	30420	.78	13.00	16.00	3870192	Yes
	W*C4860P4*B*+TXV	WGF*295070V4C**	38500	30030	.78	12.50	15.00	3870196	
	W*C4860P4*B*+TXV	WGF*28115V5C**	39000	30420	.78	13.00	16.00	3870194	Yes
	W*C4860P4*B*+WMAHV2000AB*+TXV		39000	30420	.78	13.00	16.00	3870188	Yes
	W*C4961P4*A*+EEP+TXV		39000	30420	.78	12.20	14.50	3870202	
	W*C4961P4*A*+TXV	WGF*28070V4B**	39000	30420	.78	12.70	15.50	3870206	
	W*C4961P4*A*+TXV	WGF*295115V5D**	39500	30810	.78	13.00	16.00	3870220	Yes
	W*C4961P4*A*+TXV	WGF*295090V5D**	39500	30810	.78	12.70	15.50	3870218	
	W*C4961P4*A*+TXV	WGF*295070V4C**	39500	30810	.78	12.50	15.00	3870216	
	W*C4961P4*A*+TXV	WGF*293090V5D**	39500	30810	.78	13.00	16.00	3870214	Yes
	W*C4961P4*A*+TXV	WGF*293070V4C**	39500	30810	.78	12.70	15.50	3870212	
	W*C4961P4*A*+TXV	WGF*28115V5C**	39500	30810	.78	13.00	16.00	3870210	Yes
	W*C4961P4*A*+TXV	WGF*28090V5C**	39500	30810	.78	13.00	16.00	3870208	Yes
	W*C4961P4*A*+WMAHV2000AB*+TXV		40000	31200	.78	13.00	16.00	3870204	Yes
	WAHME4260P4AB*+TXV		39500	30810	.78	13.00	16.00	3870185	Yes
	WAHMV4260P4AC*+TXV		39500	30810	.78	13.00	16.00	3870184	Yes
	WCH4860P4DD*+EEP+TXV		39500	30810	.78	12.20	14.50	3870222	
	WCH4860P4DD*+TXV	WGF*28070V4B**	39000	30420	.78	12.70	15.50	3870224	
	WCH4860P4DD*+TXV	WGF*28090V5C**	39000	30420	.78	13.00	16.00	3870225	Yes
	WCH4860P4DD*+TXV	WGF*28115V5C**	38500	30030	.78	13.00	16.00	3870226	Yes
	WCH4860P4DD*+TXV	WGF*293070V4C**	39000	30420	.78	12.70	15.50	3870227	
	WCH4860P4DD*+TXV	WGF*293090V5D**	39000	30420	.78	13.00	16.00	3870228	Yes
	WCH4860P4DD*+TXV	WGF*295070V4C**	38500	30030	.78	12.50	15.00	3870229	
	WCH4860P4DD*+TXV	WGF*295090V5D**	38500	30030	.78	12.50	15.00	3870230	
	WCH4860P4DD*+TXV	WGF*295115V5D**	38500	30030	.78	12.50	15.00	3870231	
	WCH4860P4DD*+WMAHV2000AB*+TXV		39500	30810	.78	13.00	16.00	3870223	Yes
WAC4648AA*	CA*F4860*6B*+TXV	WGF*295090V5D**	46000	34500	.75	13.00	16.00	3850642	Yes
	CA*F4860*6B*+TXV	WGF*295115V5D**	46000	34500	.75	13.00	16.00	3850641	Yes
	W*C4860P4*B*+EEP+TXV		45500	34125	.75	11.50	14.50	3858316	
	W*C4860P4*B*+TXV		45500	34125	.75	11.50	14.50	3858105	
	W*C4860P4*B*+TXV	WGF*295090V5D**	46000	34500	.75	13.00	16.00	3850595	Yes
	W*C4860P4*B*+TXV	WGF*295115V5D**	46000	34500	.75	13.00	16.00	3850594	Yes
	W*C4860P4*B*+WMAHV2000AB*+TXV		47000	35250	.75	13.00	16.00	3858317	Yes
	WAHME4260P4AA*+TXV		46000	34500	.75	12.50	15.50	3858104	
	WAHME4260P4AB*+TXV		46000	34500	.75	13.00	16.00	3858101	Yes
	WAHMS3642P4AA*+TXV		45500	34125	.75	11.50	14.50	3858102	
	WAHMS3642P4AB*+TXV		45500	34125	.75	11.50	14.50	3858303	
	WAHMS3642P4AC*+TXV		45500	34125	.75	11.50	14.50	3858103	
	WAHMV4260P4AB*+TXV		46000	34500	.75	13.00	16.00	3858100	Yes
	WAHMV4260P4AC*+TXV		46000	34500	.75	13.00	16.00	3858315	Yes

AHRI PERFORMANCE RATINGS (CONT.)

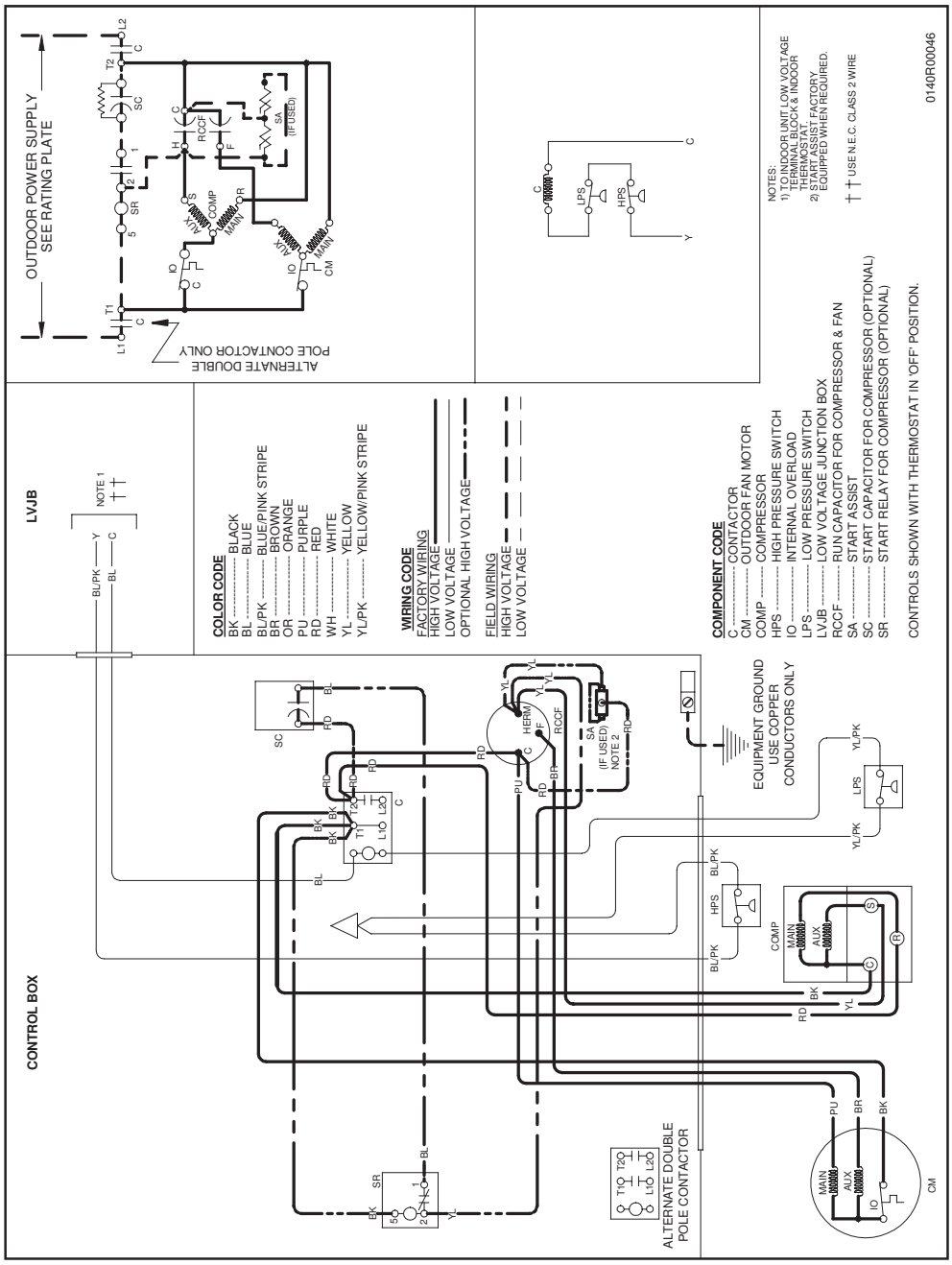
Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #	Tax Credit
	Coil and Blower Units	Furnace	Total	Sensible	S/T	EER95F	SEER		
WAC4648AA* cont.	WCH4860P4DD*+EEP+TXV		46000	34500	.75	12.00	15.00	3858106	
	WCH4860P4DD*+TXV	WGF*28090V5C**	46000	34500	.75	12.50	15.50	3858318	
	WCH4860P4DD*+TXV	WGF*295070V4C**	46000	34500	.75	12.50	15.50	3850601	
	WCH4860P4DD*+TXV	WGF*28115V5C**	46000	34500	.75	12.50	15.50	3858319	
	WCH4860P4DD*+TXV	WGF*295115V5D**	46000	34500	.75	13.00	16.00	3850602	Yes
	WCH4860P4DD*+TXV	WGF*295090V5D**	46000	34500	.75	13.00	16.00	3850603	Yes
	WCH4860P4DD*+WMAHV2000AB*+TXV		47000	35250	.75	13.20	16.00	3858107	Yes
WAC4659AA*	CA*F4860*6B*+TXV	WGF*295115V5D**	55000	39050	.71	12.20	14.50	3870240	
	CA*F4860*6B*+TXV	WGF*293090V5D**	55500	39405	.71	12.50	15.00	3870236	
	CA*F4860*6B*+TXV	WGF*295090V5D**	55500	39405	.71	12.50	15.00	3870238	
	CA*F4860*6B*+WMAHV2000AB*+TXV		55500	39405	.71	12.70	15.50	3870234	
	CA*F4961*6A*+EEP+TXV		56500	40115	.71	12.20	14.50	3870242	
	CA*F4961*6A*+TXV	WGF*28090V5C**	56000	39760	.71	13.00	16.00	3870246	Yes
	CA*F4961*6A*+TXV	WGF*293090V5D**	56000	39760	.71	12.70	15.50	3870250	
	CA*F4961*6A*+TXV	WGF*295115V5D**	56000	39760	.71	12.70	15.50	3870254	
	CA*F4961*6A*+TXV	WGF*295090V5D**	56000	39760	.71	12.70	15.50	3870252	
	CA*F4961*6A*+TXV	WGF*28115V5C**	56000	39760	.71	12.70	15.50	3870248	
	CA*F4961*6A*+WMAHV2000AB*+TXV		57000	40470	.71	13.00	16.00	3870244	Yes
	W*C4860P4*B*+TXV	WGF*293090V5D**	55500	39405	.71	12.50	15.00	3870235	
	W*C4860P4*B*+TXV	WGF*295115V5D**	55000	39050	.71	12.20	14.50	3870239	
	W*C4860P4*B*+TXV	WGF*295090V5D**	55500	39405	.71	12.50	15.00	3870237	
	W*C4860P4*B*+WMAHV2000AB*+TXV		55500	39405	.71	12.70	15.50	3870233	
	W*C4961P4*A*+EEP+TXV		56500	40115	.71	12.20	14.50	3870241	
	W*C4961P4*A*+TXV	WGF*293090V5D**	56000	39760	.71	12.70	15.50	3870249	
	W*C4961P4*A*+TXV	WGF*28090V5C**	56000	39760	.71	13.00	16.00	3870245	Yes
	W*C4961P4*A*+TXV	WGF*28115V5C**	56000	39760	.71	12.70	15.50	3870247	
	W*C4961P4*A*+TXV	WGF*295115V5D**	56000	39760	.71	12.70	15.50	3870253	
	W*C4961P4*A*+TXV	WGF*295090V5D**	56000	39760	.71	12.70	15.50	3870251	
	W*C4961P4*A*+WMAHV2000AB*+TXV		57000	40470	.71	13.00	16.00	3870243	Yes
	WAHMV4260P4AC*+TXV		56500	40115	.71	12.70	15.50	3870232	
	WCH4860P4DD*+TXV	WGF*295090V5D**	56500	40115	.71	12.70	15.50	3870259	
	WCH4860P4DD*+TXV	WGF*295115V5D**	56500	40115	.71	12.50	15.00	3870260	
	WCH4860P4DD*+TXV	WGF*28115V5C**	56500	40115	.71	13.00	16.00	3870257	Yes
	WCH4860P4DD*+TXV	WGF*293090V5D**	56500	40115	.71	12.70	15.50	3870258	
	WCH4860P4DD*+TXV	WGF*28090V5C**	56500	40115	.71	13.00	16.00	3870256	Yes
	WCH4860P4DD*+WMAHV2000AB*+TXV		57000	40470	.71	13.00	16.00	3870255	Yes

[1] Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/ 67°F/ 95°F [2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

Notes:

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Whirlpool Gas Furnace contains the EEP cooling time delay

WIRING DIAGRAM — WAC4624AB*- 48AA*



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

⚠ WARNING

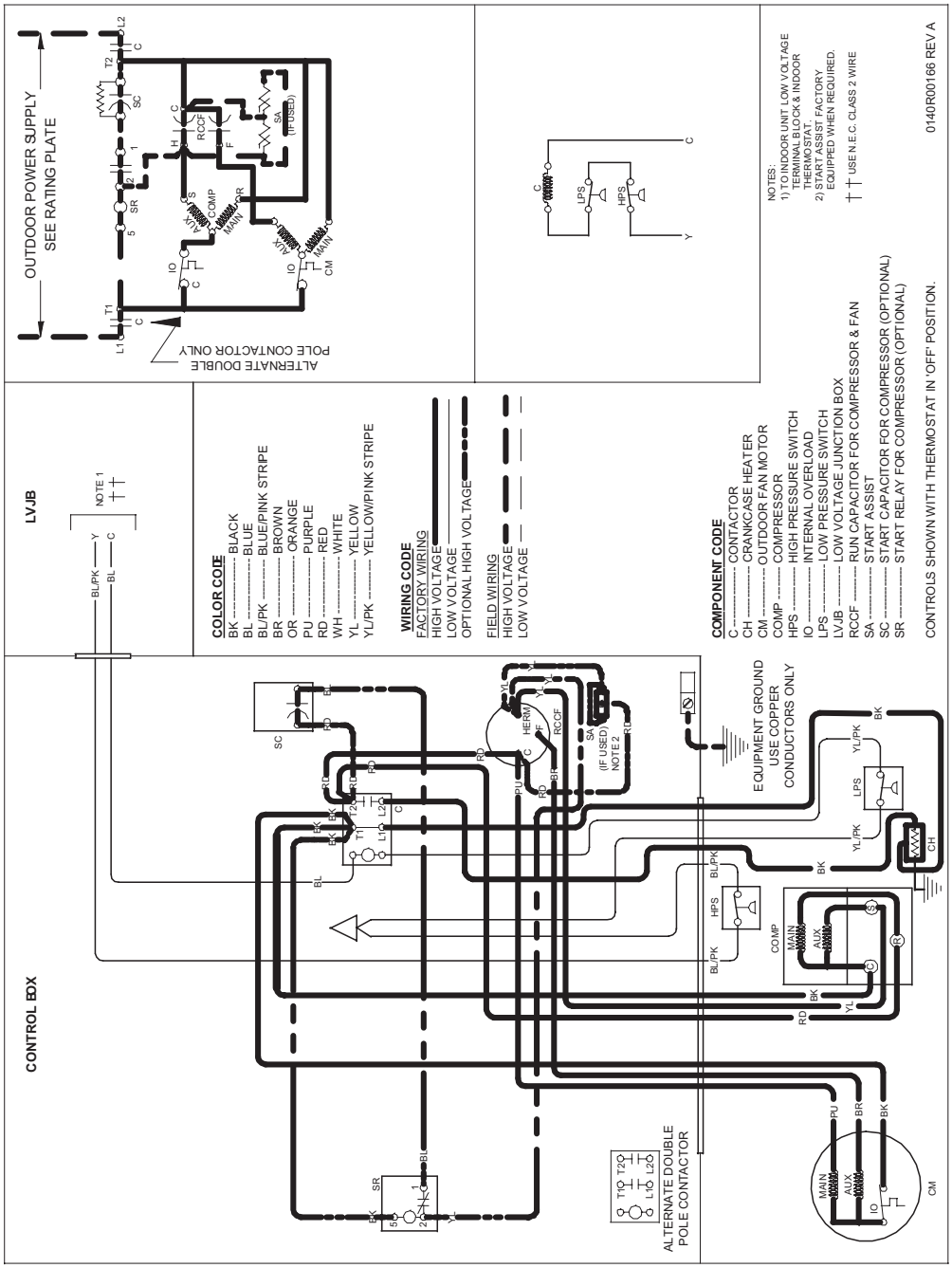
HIGH VOLTAGE!

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 — WAC4659AA*



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.

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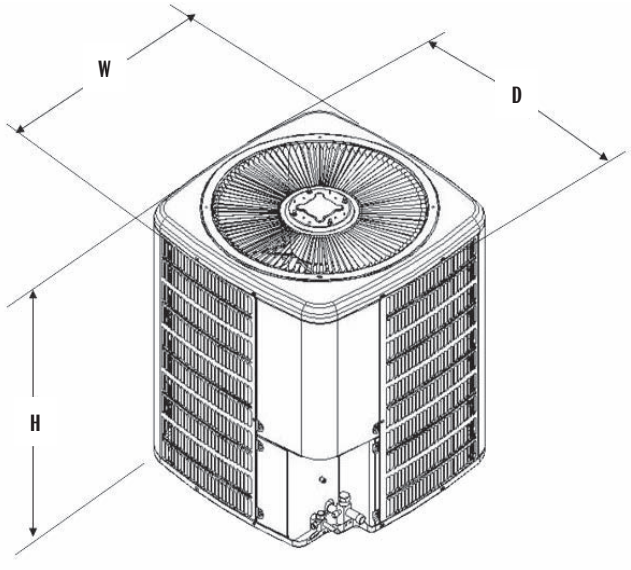
Dimensions



Model	Dimensions		
	W"	D"	H"
WAC46241B*	29	29	32¼
WAC46301A*	29	29	32¼
WAC46361B*	29	29	32¼
WAC46421A*	29	29	36¼
WAC46481A*	35½	35½	38¼
WAC46591A*	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					
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.

NOTES