

PRODUCT SPECIFICATIONS



UP TO 16 SEER

R-410A

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



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

The Whirlpool Gold® brand WGAC46 Air Conditioner uses the chlorine-free refrigerant R-410A. This unit features energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. The WGAC46 features the two-stage, high-efficiency scroll compressor that provides improved temperature and humidity control. This unit is designed for the consumer who desires superb comfort and quiet operation.

Standard Features

- R-410A chlorine-free refrigerant
- Two-Stage Scroll compressor
- High-density foam compressor cover
- Emerson Comfort Alert® diagnostics
- High and low-pressure switches
- Factory-installed filter dryer
- Two-speed condenser fan motor
- Copper tubing/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Whirlpool Quiet Partner™ sound control top design
- Wire fan discharge grille
- Steel louver coil guard
- Attractive Hannah Slate Gray Durashield® powder-paint finish
- Rust-resistant coated screws
- Compact footprint
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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PRODUCT SPECIFICATIONS

NOMENCLATURE

	W	G	AC4	6	36	A	A	A	
	1	2	3,4,5	6	7,8	9	10	11	
Brand Whirlpool® Brand									Engineering * Minor Revision
Product Category Gold									Engineering * Major Revision
Unit Type AC4 AC Condenser R410A HP4 HP Condenser R410A									Electrical A 208/230 V, 1 Phase, 60 Hz B 208/230 V, 3 Phase, 60 Hz
Efficiency 3 13 SEER 4 14 SEER 5 15 SEER 6 16 SEER 8 18 SEER									Nominal Capacity 18 1½ Tons 42 3½ Tons 24 2 Tons 48 4 Tons 30 2½ Tons 60 5 Tons 36 3 Tons

* Neither used for order entry or inventory management.

PHYSICAL DATA

Model	Nominal Cooling Capacity (BTU/h)	Voltage-Phase	MOD* (amps)	Dimensions			Service Valve		dBs	Ship Weight (lbs)
				W"	D"	H"	Liquid	Suction		
WGAC4624AC*	24,000	208/230-60-1	20	29	29	30¼	¾"	¾"	71	198
WGAC4636AC*	36,000	208/230-60-1	30	29	29	30¼	¾"	7/8"	73	206
WGAC4648AA*	48,000	208/230-60-1	40	35½	35½	38¼	¾"	7/8"	74	282
WGAC4660AA*	60,000	208/230-60-1	50	35½	35½	38¼	¾"	7/8"	75	296

* Maximum Overcurrent Protection Device

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

SPECIFICATIONS

	WGAC 4624AC*	WGAC 4636AC*	WGAC 4648AA*	WGAC 4660AA*
Cooling Capacity				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Decibels	71	71	74	75
Compressor				
RLA	10.3	16.7	21.2	25.6
LRA	52.0	82.0	96.0	118.0
Condenser Fan Motor				
Horsepower (RPM)	1/6	1/6	1/6	1/6
FLA	1.1	0.9	1.0	1.0
Refrigeration System				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	100	110	202	197
Electrical Data				
Voltage-Hz / Phase	208/230-60-1			
Minimum Circuit Ampacity ²	14	21.8	27.5	33
Max. Overcurrent Protection ³	20	35	45	50
Min / Max Volts	197/253	197/253	197/253	197/253
Power Supply	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	198	206	282	296

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

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

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

Notes

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGAC4624AC* / CA*F3636*6A* +TXV / WC*3636P4* + TXV / WMAHV1200** -1Low STAGE

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
675	MBh	18.0	18.7	20.4	-	17.6	18.2	20.0	-	17.2	17.8	19.5	-	16.7	17.4	19.0	-	15.9	16.5	18.1	-	14.7	15.3	16.7	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	1.10	1.12	1.16	-	1.19	1.21	1.25	-	1.26	1.29	1.34	-	1.33	1.37	1.41	-	1.39	1.43	1.48	-	1.44	1.48	1.53	-
	Amps	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-	6.3	6.4	6.6	-
	Hi PR	228	245	248	-	258	277	281	-	293	315	319	-	334	359	364	-	375	404	409	-	420	452	458	-
	Lo PR	122	125	137	-	125	129	141	-	129	133	146	-	133	137	150	-	135	140	153	-	139	143	156	-
	MBh	17.5	18.1	19.8	-	17.1	17.7	19.4	-	16.7	17.3	18.9	-	16.3	16.8	18.5	-	15.1	16.0	17.5	-	14.3	14.8	16.2	-
	S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	1.09	1.11	1.15	-	1.18	1.20	1.24	-	1.25	1.28	1.33	-	1.32	1.35	1.40	-	1.38	1.41	1.46	-	1.43	1.47	1.52	-
	Amps	4.4	4.5	4.7	-	4.8	4.9	5.0	-	5.2	5.3	5.5	-	5.5	5.7	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-
Hi PR	226	243	246	-	255	274	278	-	290	312	316	-	330	355	360	-	372	400	405	-	416	447	454	-	
Lo PR	120	124	136	-	124	128	140	-	128	132	144	-	132	136	148	-	134	138	151	-	137	142	155	-	
MBh	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.4	15.9	17.5	-	15.0	15.6	17.0	-	14.3	14.8	16.2	-	13.2	13.7	15.0	-	
S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
kW	1.08	1.10	1.14	-	1.17	1.19	1.23	-	1.24	1.27	1.31	-	1.31	1.34	1.39	-	1.37	1.40	1.45	-	1.42	1.45	1.50	-	
Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.3	5.4	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-	6.2	6.3	6.5	-	
Hi PR	223	240	244	-	252	271	275	-	287	309	313	-	327	352	357	-	368	396	401	-	412	443	449	-	
Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	140	153	-	
675	MBh	18.3	18.8	20.4	21.9	17.9	18.4	19.9	21.4	17.5	18.0	19.4	20.9	17.0	17.5	19.0	20.4	16.2	16.7	18.0	19.3	15.0	15.4	16.7	17.9
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
	ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	1.10	1.12	1.16	1.20	1.19	1.21	1.25	1.30	1.26	1.29	1.34	1.38	1.33	1.37	1.41	1.46	1.39	1.43	1.48	1.53	1.44	1.48	1.53	1.58
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
	Hi PR	228	245	248	254	258	277	281	287	293	315	319	326	334	359	364	372	375	404	409	418	420	452	458	468
	Lo PR	122	125	137	146	125	129	141	150	129	133	146	155	133	137	150	159	135	140	153	162	139	143	156	166
	MBh	17.8	18.3	19.8	21.3	17.4	17.9	19.3	20.8	16.9	17.4	18.9	20.3	16.5	17.0	18.4	19.8	15.7	16.2	17.5	18.8	14.5	15.0	16.2	17.4
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.33	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.47	1.52	1.57
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
Hi PR	226	243	246	251	255	274	278	284	290	312	316	323	330	355	360	368	372	400	405	414	416	447	454	464	
Lo PR	120	124	136	144	124	128	140	149	128	132	144	154	132	136	148	158	134	138	151	161	137	142	155	165	
MBh	16.4	16.9	18.3	19.6	16.0	16.5	17.9	19.2	15.6	16.1	17.4	18.7	15.3	15.7	17.0	18.2	14.5	14.9	16.2	17.3	13.4	13.8	15.0	16.1	
S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	
ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
kW	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.39	1.44	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.56	
Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	
Hi PR	223	240	244	249	252	271	275	281	287	309	313	320	327	352	357	364	368	396	401	410	412	443	449	459	
Lo PR	119	123	134	143	123	127	138	147	127	131	143	152	130	134	147	156	133	137	150	159	136	140	153	163	

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGAC4636AC* / CA*F3636*6A* +TXV / WC*3636P4* + TXV / WMAHV1600** -1 LOW STAGE

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
904	MBh	24.9	25.8	28.3	-	24.3	25.2	27.6	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.1	23.2	-
	S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	1.50	1.53	1.58	-	1.61	1.65	1.70	-	1.72	1.75	1.81	-	1.81	1.85	1.91	-	1.88	1.93	1.99	-	1.95	2.00	2.06	-
	Amps	5.8	6.0	6.2	-	6.3	6.4	6.6	-	6.8	7.0	7.2	-	7.3	7.4	7.7	-	7.7	7.9	8.1	-	8.2	8.3	8.6	-
	HIPR	220	237	240	-	249	268	271	-	283	304	309	-	322	347	352	-	348	374	380	-	413	444	450	-
	Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	135	147	-	133	137	150	-	136	141	153	-
	MBh	24.2	25.1	27.5	-	23.6	24.5	26.8	-	23.1	23.9	26.2	-	22.5	23.3	25.5	-	21.4	22.2	24.3	-	19.8	20.5	22.5	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
800	kW	1.49	1.52	1.57	-	1.60	1.64	1.69	-	1.70	1.74	1.80	-	1.79	1.83	1.89	-	1.87	1.91	1.97	-	1.93	1.98	2.04	-
	Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.5	-
	HIPR	218	234	238	-	246	265	269	-	280	301	306	-	319	343	348	-	345	371	376	-	409	439	446	-
	Lo PR	118	122	133	-	122	125	137	-	126	130	142	-	129	133	145	-	132	136	148	-	135	139	152	-
	MBh	22.3	23.1	25.3	-	21.8	22.6	24.8	-	21.3	22.1	24.2	-	20.8	21.5	23.6	-	19.7	20.4	22.4	-	18.3	18.9	20.8	-
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.76	0.63	0.44	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	1.47	1.51	1.55	-	1.59	1.62	1.67	-	1.69	1.73	1.78	-	1.78	1.82	1.88	-	1.85	1.89	1.96	-	1.92	1.96	2.03	-
	Amps	5.7	5.9	6.0	-	6.2	6.3	6.5	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.0	8.2	8.5	-
	75	HIPR	216	232	235	-	244	262	266	-	277	298	303	-	316	340	345	-	341	367	372	-	404	435	441
Lo PR		117	121	132	-	120	124	136	-	125	128	140	-	128	132	144	-	130	134	147	-	134	138	150	-
MBh		25.3	26.1	28.2	30.3	24.7	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.6	24.3	26.3	28.2	22.4	23.0	24.9	26.8	20.7	21.4	23.1	24.8
S/T		0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
ΔT		21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
kW		1.50	1.53	1.58	1.63	1.61	1.65	1.70	1.76	1.72	1.75	1.81	1.87	1.81	1.85	1.91	1.97	1.88	1.93	1.99	2.06	1.95	2.00	2.06	2.13
Amps		5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.4	7.3	7.4	7.7	7.9	7.7	7.9	8.1	8.4	8.2	8.3	8.6	8.9
HIPR		220	237	240	245	249	268	271	277	283	304	309	315	322	347	352	359	348	374	380	388	413	444	450	460
Lo PR		119	123	134	143	123	127	138	147	127	131	143	152	130	135	147	156	133	137	150	160	136	141	153	163
MBh		24.6	25.3	27.4	29.4	24.0	24.7	26.8	28.7	23.5	24.1	26.1	28.0	22.9	23.6	25.5	27.4	21.7	22.4	24.2	26.0	20.1	20.7	22.4	24.1
800	S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	kW	1.49	1.52	1.57	1.62	1.60	1.64	1.69	1.74	1.70	1.74	1.80	1.86	1.79	1.83	1.89	1.96	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
	Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.5	8.9
	HIPR	218	234	238	243	246	265	269	275	280	301	306	312	319	343	348	356	345	371	376	384	409	439	446	455
	Lo PR	118	122	133	142	122	125	137	146	126	130	142	151	129	133	145	155	132	136	148	158	135	139	152	162
	MBh	22.7	23.4	25.3	27.2	22.2	22.8	24.7	26.5	21.6	22.3	24.1	25.9	21.1	21.7	23.5	25.3	20.1	20.7	22.4	24.0	18.6	19.1	20.7	22.2
	S/T	0.75	0.67	0.51	0.33	0.78	0.69	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
	kW	1.47	1.51	1.55	1.60	1.59	1.62	1.67	1.73	1.69	1.73	1.78	1.84	1.78	1.82	1.88	1.94	1.85	1.89	1.96	2.02	1.92	1.96	2.03	2.10
696	Amps	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8
	HIPR	216	232	235	241	244	262	266	272	277	298	303	309	316	340	345	352	341	367	372	380	404	435	441	451
	Lo PR	117	121	132	140	120	124	136	144	125	128	140	149	128	132	144	153	130	134	147	156	134	138	150	160

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGAC4636AC* / CA*F3636*6A* +TXV / WC*3636P4* + TXV / WMAHV1600**-1 HIGH STAGE

Table with columns for Airflow, IDB, Outdoor Ambient Temperature (66°F, 75°F, 85°F, 95°F, 105°F, 115°F), and various performance metrics (MBh, S/T, kW, Amps, etc.) for models 1356, 1200, 1043, and 75.

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 Design Subcooling @ ARI 95°F Conditions, 5° - 7°F @ the Service Valve Amps = outdoor unit amps (comp. fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGAC4648AA* / CA*F4860*6A* +TXV / WC*4860P4* + TXV / WMAHV2000**-1 Low Stage

	Outdoor Ambient Temperature																								
	65°F				75°F				85°F				95°F				105°F				115°F				
IDB	Entering Indoor Wet Bulb Temperature																								
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	
1238	MBh	33.9	35.2	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	2.04	2.09	2.16	-	2.21	2.26	2.33	-	2.35	2.41	2.49	-	2.48	2.54	2.62	-	2.59	2.65	2.74	-	2.68	2.74	2.84	-
	Amps	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.7	12.1	-
	HIPR	227	244	248	-	257	276	280	-	292	314	318	-	332	357	362	-	374	402	408	-	419	450	457	-
	Lo PR	122	125	137	-	125	129	141	-	129	134	146	-	133	137	150	-	136	140	153	-	139	143	156	-
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.7	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	27.0	27.9	30.6	-
	S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	2.03	2.07	2.14	-	2.19	2.24	2.31	-	2.33	2.38	2.47	-	2.46	2.51	2.60	-	2.57	2.62	2.71	-	2.66	2.72	2.81	-
1100	MBh	34.5	35.5	38.4	41.3	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.0	35.8	38.4	30.5	31.4	34.0	36.5	28.2	29.1	31.5	33.8
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94
	Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5
	HIPR	227	244	248	253	257	276	280	286	292	314	318	325	332	357	362	370	374	402	408	417	419	450	457	467
	Lo PR	122	125	137	146	125	129	141	150	129	134	146	155	133	137	150	159	136	140	153	163	139	143	156	167
	MBh	33.5	34.5	37.3	40.1	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	ΔT	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	2.03	2.07	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.47	2.55	2.46	2.51	2.60	2.69	2.57	2.62	2.71	2.81	2.66	2.72	2.81	2.91
963	MBh	20.1	2.05	2.12	-	8.6	8.8	9.1	-	9.3	9.6	9.9	-	10.0	10.2	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	2.04	2.09	2.16	-	2.21	2.26	2.33	-	2.35	2.41	2.49	-	2.48	2.54	2.62	-	2.59	2.65	2.74	-	2.68	2.74	2.84	-
	Amps	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.1	10.4	10.7	-	10.8	11.0	11.4	-	11.4	11.7	12.1	-
	HIPR	223	239	243	-	252	270	274	-	286	308	312	-	326	350	355	-	367	394	400	-	411	441	448	-
	Lo PR	119	123	134	-	123	127	138	-	127	131	143	-	130	134	147	-	133	137	150	-	136	140	153	-
	MBh	34.5	35.5	38.4	41.3	33.7	34.7	37.5	40.3	32.9	33.9	36.6	39.3	32.1	33.0	35.8	38.4	30.5	31.4	34.0	36.5	28.2	29.1	31.5	33.8
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGAC4648AA* / CA*F4860*6A* +TXV / WC*4860P4* + TXV / WMAHV2000,-1 High Stage**

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F					75°F					85°F													
		59	63	67	71	75	59	63	67	71	75	59	63	67	71										
1744	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-
	S/T	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
1550	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
	kW	2.94	3.01	3.10	-	3.18	3.25	3.36	-	3.38	3.46	3.58	-	3.57	3.65	3.77	-	3.72	3.81	3.94	-	3.86	3.95	4.08	-
1356	Amps	11.4	11.7	12.1	-	12.3	12.6	13.0	-	13.4	13.7	14.2	-	14.3	14.7	15.2	-	15.2	15.6	16.1	-	16.1	16.5	17.1	-
	Hi PR	241	259	262	-	272	292	297	-	309	333	337	-	352	379	384	-	396	426	432	-	444	477	484	-
75	Lo PR	120	124	135	-	123	127	139	-	127	131	144	-	131	135	147	-	133	138	150	-	137	141	154	-
	MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-
1744	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
1550	kW	2.92	2.98	3.08	-	3.15	3.22	3.33	-	3.36	3.43	3.55	-	3.54	3.62	3.74	-	3.69	3.78	3.91	-	3.83	3.91	4.05	-
	Amps	11.3	11.6	12.0	-	12.2	12.5	12.9	-	13.3	13.6	14.0	-	14.2	14.5	15.0	-	15.1	15.5	16.0	-	16.0	16.4	16.9	-
1356	Hi PR	238	256	260	-	269	289	294	-	306	329	334	-	349	375	380	-	392	422	428	-	439	472	479	-
	Lo PR	119	122	133	-	122	126	137	-	126	130	142	-	130	134	146	-	132	136	149	-	135	140	152	-
75	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	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-
1744	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
	kW	2.89	2.96	3.05	-	3.12	3.19	3.30	-	3.33	3.40	3.52	-	3.51	3.59	3.71	-	3.66	3.74	3.87	-	3.79	3.88	4.01	-
1550	Amps	11.2	11.5	11.8	-	12.1	12.4	12.8	-	13.2	13.5	13.9	-	14.1	14.4	14.9	-	15.0	15.3	15.8	-	15.9	16.2	16.8	-
	Hi PR	236	254	257	-	267	287	291	-	303	326	331	-	345	371	376	-	388	418	424	-	435	468	474	-
1356	Lo PR	117	121	132	-	121	125	136	-	125	129	141	-	128	132	144	-	131	135	147	-	134	138	151	-
	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
75	S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
1744	kW	2.94	3.01	3.10	3.21	3.18	3.25	3.36	3.47	3.38	3.46	3.58	3.70	3.57	3.65	3.77	3.90	3.72	3.81	3.94	4.08	3.86	3.95	4.08	4.23
	Amps	11.4	11.7	12.1	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8
1550	Hi PR	241	259	262	268	272	292	297	303	309	333	337	345	352	379	384	393	396	426	432	442	444	477	484	495
	Lo PR	120	124	135	144	123	127	139	148	127	131	144	153	131	135	147	157	133	138	150	160	137	141	154	164
75	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42
1744	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	2.92	2.98	3.08	3.18	3.15	3.22	3.33	3.44	3.36	3.43	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.91	4.04	3.83	3.91	4.05	4.19
1550	Amps	11.3	11.6	12.0	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	16.9	17.6
	Hi PR	238	256	260	265	269	289	294	300	306	329	334	341	349	375	380	389	392	422	428	437	439	472	479	490
75	Lo PR	119	122	133	142	122	126	137	146	126	130	142	151	130	134	146	155	132	136	149	158	135	140	152	162
	MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1
1356	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
75	kW	2.89	2.96	3.05	3.16	3.12	3.19	3.30	3.41	3.33	3.40	3.52	3.64	3.51	3.59	3.71	3.84	3.66	3.74	3.87	4.01	3.79	3.88	4.01	4.15
	Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.3	13.2	13.5	13.9	14.4	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.4	15.9	16.2	16.8	17.4
1356	Hi PR	236	254	257	263	267	287	291	297	303	326	331	338	345	371	376	385	388	418	424	433	435	468	474	485
	Lo PR	117	121	132	141	121	125	136	145	125	129	141	150	128	132	144	154	131	135	147	157	134	138	151	161

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

EXPANDED COOLING DATA

WGAC4648AA* / CA*F4860*6A* +TXV / WC*4860P4* + TXV / WMAHV2000** -1 HIGH STAGE (CONT.)

Table with columns for Outdoor Ambient Temperature (65°F to 115°F) and Indoor Wet Bulb Temperature (75°F to 95°F). Rows include IDB Airflow, 1744, 80, 1550, 1356, 85, and 1356. Data points include MBh, S/T, ΔT, kW, Amps, H1PR, and Lo PR for each condition.

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

EXPANDED COOLING DATA — WGAC4660AA* / CA*F4860*6A* + TXV / WC*4860P4* + TXV / WMAHV2000 -1 High Stage (CONT.)**

IDB	65°F					75°F					85°F					95°F					105°F					115°F																																																	
	Outdoor Ambient Temperature										Entering Indoor Wet Bulb Temperature																																																																
	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																																													
2025	Mbh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	56.8	59.6	47.3	48.4	51.7	55.2	S/T	0.95	0.90	0.73	0.54	1.00	0.93	0.76	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63	ΔT	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	21	17	21	22	20	16
80	KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5	Lo PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524
	Mbh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	S/T	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	25	25	22	17	23	24	20	16
	KW	3.91	3.99	4.12	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.73	4.89	4.72	4.82	4.98	5.15	4.92	5.03	5.20	5.38	5.09	5.21	5.39	5.57	Amps	14.0	14.4	14.9	15.5	15.2	15.6	16.1	16.8	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	20.8	21.4	22.1	23.0	22.0	22.6	23.4	24.3	Lo PR	245	263	267	273	269	289	293	299	314	338	343	350	358	385	391	399	403	433	439	449	466	501	508	519
1575	Mbh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58	ΔT	27	26	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	26	22	18	25	24	21	17
	KW	3.87	3.96	4.08	4.22	4.18	4.27	4.41	4.55	4.44	4.54	4.69	4.85	4.68	4.78	4.94	5.11	4.88	4.99	5.16	5.33	5.05	5.17	5.34	5.52	Amps	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.4	16.9	17.4	18.1	17.6	18.1	18.7	19.4	20.6	21.1	21.9	22.7	21.8	22.3	23.1	24.0	Lo PR	242	260	264	270	266	286	290	296	311	335	340	347	355	381	387	395	399	429	435	445	461	496	503	514
	Mbh	56.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	56.5	59.2	48.2	49.1	51.4	54.8	S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	0.95	0.79	0.61	ΔT	27	26	25	22	26	25	22	18	25	24	21	17	25	25	22	18	24	24	21	17	22	22	20
85	KW	3.94	4.02	4.15	4.29	4.25	4.34	4.48	4.63	4.52	4.62	4.77	4.93	4.76	4.86	5.03	5.20	4.96	5.07	5.24	5.42	5.14	5.25	5.43	5.62	Amps	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.8	17.2	17.8	18.5	18.0	18.4	19.0	19.8	21.0	21.6	22.3	23.2	22.2	22.8	23.6	24.5	Lo PR	247	266	269	275	271	292	296	302	318	342	346	354	362	389	395	403	407	438	444	454	470	506	513	524
	Mbh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	27	28	26	23	27	28	26	23	24	24	24	21
	KW	3.91	3.99	4.12	4.25	4.21	4.30	4.44	4.59	4.48	4.58	4.73	4.89	4.72	4.82	4.98	5.15	4.92	5.03	5.20	5.38	5.09	5.21	5.39	5.57	Amps	14.0	14.4	14.9	15.5	15.2	15.6	16.1	16.8	16.6	17.0	17.6	18.3	17.8	18.2	18.9	19.6	20.8	21.4	22.1	23.0	22.0	22.6	23.4	24.3	Lo PR	245	263	267	273	269	289	293	299	314	338	343	350	358	385	391	399	403	433	439	449	466	501	508	519
1575	Mbh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75	ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	27	28	26	23	25	26	25	21
	KW	3.87	3.96	4.08	4.22	4.18	4.27	4.41	4.55	4.44	4.54	4.69	4.85	4.68	4.78	4.94	5.11	4.88	4.99	5.16	5.33	5.05	5.17	5.34	5.52	Amps	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.4	16.9	17.4	18.1	17.6	18.1	18.7	19.4	20.6	21.1	21.9	22.7	21.8	22.3	23.1	24.0	Lo PR	242	260	264	270	266	286	290	296	311	335	340	347	355	381	387	395	399	429	435	445	461	496	503	514
	Mbh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6	S/T	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	25	25	22	17	23	24	20	16

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

PRODUCT SPECIFICATIONS

AHRI PERFORMANCE DATA

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #
	Coil & Blower Units	Furnace	Total	Sensible	S/T	SEER ¹	EER ²	
WGAC46 24AA*	CAUF3642*6C*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	13.0	3567345
	CAUF3743*6A*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	13.0	3567359
	W*C3636P4*C*+		24,000	18,000	.75	16.0	13.0	3564975
	WMAH MV1200AB*+TXV							
	W*C3642P4*C*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	13.0	3564976
	W*C3743P4*A*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	13.0	3564977
	WAH MV1830P4AC*+TXV		22,400	16,800	.75	15.0	12.5	3564973
	WAH MV3137P4AA*+TXV		24,000	18,000	.75	16.0	13.0	3564974
	WCH3636P4BC*+TXV	WGF*28070V4*B*	24,000	18,000	.75	16.0	12.5	3564979
	WCH3636P4BC*+TXV	WGF*295045V3*B*	24,000	18,000	.75	16.0	13.0	3564980
	WCH3636P4BC*+TXV	WGF*295070V4*C*	24,000	18,000	.75	16.0	13.0	3564981
	WCH3636P4BC*+		24,000	18,000	.75	16.0	13.0	3564978
	WMAH MV1200AB*+TXV							
	WCH3642P4CC*+TXV	WGF*28070V4*B*	24,000	18,000	.75	16.0	12.0	3564982
	WCH3642P4CC*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	12.5	3564983
	WCH3642P4CC*+TXV	WGF*28115V5*C*	24,000	18,000	.75	16.0	12.5	3564984
	WCH3642P4CC*+TXV	WGF*295045V3*B*	24,000	18,000	.75	16.0	13.0	3564985
	WCH3642P4CC*+TXV	WGF*295070V4*C*	24,000	18,000	.75	16.0	13.0	3564986
	WCH3743P4CB*+TXV	WGF*28070V4*B*	24,000	18,000	.75	16.0	12.0	3564987
	WCH3743P4CB*+TXV	WGF*28090V5*C*	24,000	18,000	.75	16.0	12.5	3564988
WCH3743P4CB*+TXV	WGF*28115V5*C*	24,000	18,000	.75	16.0	12.5	3564989	
WGAC46 36AA*	CAUF3743*6A*+TXV	WGF*28070V4*B*	34,000	24,100	.71	16.0	12.5	3567360
	CAUF3743*6A*+TXV	WGF*28090V5*C*	34,000	24,100	.71	16.0	12.5	3567361
	CAUF3743*6A*+TXV	WGF*28115V5*C*	34,000	24,100	.71	16.0	12.5	3567362
	CAUF3743*6A*+TXV	WGF*295045V3*B*	34,000	24,100	.71	16.0	12.5	3567363
	CAUF3743*6A*+TXV	WGF*295070V4*C*	34,000	24,100	.71	16.0	12.5	3567364
	CAUF3743*6A*+TXV	WGF*295090V5*D*	34,000	24,100	.71	16.0	12.5	3567365
	CAUF3743*6A*+TXV	WGF*295115V5*D*	34,000	24,100	.71	16.0	12.5	3567366
	CAUF4860*6B*+TXV	WGF*28070V4*B*	34,600	24,600	.71	16.0	12.5	3567415
	CAUF4860*6B*+TXV	WGF*28090V5*C*	35,000	24,900	.71	16.0	12.5	3567416
	CAUF4860*6B*+TXV	WGF*295045V3*B*	35,000	24,900	.71	16.0	12.5	3567417
	CAUF4860*6B*+TXV	WGF*295070V4*C*	34,600	24,600	.71	16.0	12.5	3567418
	CAUF4860*6B*+TXV	WGF*295090V5*D*	35,000	24,900	.71	16.0	12.5	3567419
	CAUF4860*6B*+TXV	WGF*295115V5*D*	35,000	24,900	.71	16.0	12.5	3567420
	W*C3743P4*A*+TXV	WGF*28070V4*B*	34,000	24,100	.71	16.0	12.5	3564993
	W*C3743P4*A*+TXV	WGF*28090V5*C*	34,000	24,100	.71	16.0	12.5	3564994
	W*C3743P4*A*+TXV	WGF*28115V5*C*	34,000	24,100	.71	16.0	12.5	3564995
	W*C3743P4*A*+TXV	WGF*295045V3*B*	34,000	24,100	.71	16.0	12.5	3564996
	W*C3743P4*A*+TXV	WGF*295070V4*C*	34,000	24,100	.71	16.0	12.5	3564997
	W*C3743P4*A*+TXV	WGF*295090V5*D*	34,000	24,100	.71	16.0	12.5	3564998
	W*C3743P4*A*+TXV	WGF*295115V5*D*	34,000	24,100	.71	16.0	12.5	3564999
	W*C3743P4*A*+		35,000	24,900	.71	16.0	12.5	3564992
	WMAH MV1600AB*+TXV							
	W*C4860P4*B*+TXV	WGF*28070V4*B*	34,600	24,600	.71	16.0	12.5	3565000
	W*C4860P4*B*+TXV	WGF*28090V5*C*	35,000	24,900	.71	16.0	12.5	3565001
	W*C4860P4*B*+TXV	WGF*295045V3*B*	35,000	24,900	.71	16.0	12.5	3565002
	W*C4860P4*B*+TXV	WGF*295070V4*C*	34,600	24,600	.71	16.0	12.5	3565003
	W*C4860P4*B*+TXV	WGF*295090V5*D*	35,000	24,900	.71	16.0	12.5	3565004
	W*C4860P4*B*+TXV	WGF*295115V5*D*	35,000	24,900	.71	16.0	12.5	3565005
	WAH MV3137P4AA*+TXV		35,000	24,900	.71	16.0	12.8	3564990
	WAH MV4260P4AC*+TXV		36,000	25,600	.71	16.0	12.8	3564991
	WCH3642P4CC*+TXV	WGF*28070V4*B*	34,000	24,100	.71	15.5	12.0	3565007
	WCH3642P4CC*+TXV	WGF*28090V5*C*	34,600	24,600	.71	16.0	12.5	3565008
	WCH3642P4CC*+TXV	WGF*28115V5*C*	34,600	24,600	.71	16.0	12.5	3565009
	WCH3642P4CC*+TXV	WGF*295070V4*C*	34,600	24,600	.71	16.0	12.0	3565010
	WCH3642P4CC*+		34,600	24,600	.71	16.0	12.5	3565006
	WMAH MV1600AB*+TXV							
	WCH3642P4DC*+TXV	WGF*295090V5*D*	34,600	24,600	.71	16.0	12.5	3565012
	WCH3642P4DC*+TXV	WGF*295115V5*D*	34,600	24,600	.71	16.0	12.5	3565013
	WCH3642P4DC*+		35,000	24,900	.71	16.0	12.8	3565011
	WMAH MV2000AB*+TXV							
	WCH3743P4CB*+TXV	WGF*28070V4*B*	34,000	24,100	.71	15.5	12.0	3565016
	WCH3743P4CB*+TXV	WGF*28090V5*C*	34,600	24,600	.71	16.0	12.5	3565017
	WCH3743P4CB*+TXV	WGF*28115V5*C*	34,600	24,600	.71	16.0	12.5	3565018

AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #
	Coil & Blower Units	Furnace	Total	Sensible	S/T	SEER ¹	EER ²	
WGAC46 36AA* cont.	WCH3743P4CB*+TXV	WGF*295045V3*B*	34,000	24,100	.71	16.0	12.5	3565019
	WCH3743P4CB*+TXV	WGF*295070V4*C*	34,600	24,600	.71	16.0	12.0	3565020
	WCH3743P4CB*+TXV	WGF*295090V5*D*	34,600	24,600	.71	16.0	12.5	3565021
	WCH3743P4CB*+TXV	WGF*295115V5*D*	34,600	24,600	.71	16.0	12.5	3565022
	WCH3743P4CB*+		34,600	24,600	.71	16.0	12.5	3565014
	WMAH MV1600AB*+TXV							
	WCH3743P4CB*+		35,000	24,900	.71	16.0	12.8	3565015
	WMAH MV2000AB*+TXV							
	WCH3743P4DB*+TXV	WGF*28070V4*B*	34,000	24,100	.71	16.0	12.5	3565024
	WCH3743P4DB*+TXV	WGF*28090V5*C*	34,000	24,100	.71	16.0	12.5	3565025
	WCH3743P4DB*+TXV	WGF*28115V5*C*	34,000	24,100	.71	16.0	12.5	3565026
	WCH3743P4DB*+TXV	WGF*295045V3*B*	34,000	24,100	.71	16.0	12.5	3565027
	WCH3743P4DB*+TXV	WGF*295070V4*C*	34,000	24,100	.71	16.0	12.5	3565028
	WCH3743P4DB*+TXV	WGF*295090V5*D*	34,600	24,600	.71	16.0	12.5	3565029
	WCH3743P4DB*+TXV	WGF*295115V5*D*	34,600	24,600	.71	16.0	12.5	3565030
	WCH3743P4DB*+		35,000	24,900	.71	16.0	12.8	3565023
	WMAH MV2000AB*+TXV							
	WCH4860P4DD*+TXV	WGF*28070V4*B*	34,600	24,600	.71	16.0	12.5	3565031
	WCH4860P4DD*+TXV	WGF*28090V5*C*	34,600	24,600	.71	16.0	12.5	3565032
	WCH4860P4DD*+TXV	WGF*28115V5*C*	35,000	24,900	.71	16.0	12.5	3565033
	WCH4860P4DD*+TXV	WGF*295045V3*B*	34,600	24,600	.71	16.0	12.5	3565034
	WCH4860P4DD*+TXV	WGF*295070V4*C*	35,000	24,900	.71	16.0	12.5	3565035
	WCH4860P4DD*+TXV	WGF*295090V5*D*	35,000	24,900	.71	16.0	12.5	3565036
	WCH4860P4DD*+TXV	WGF*295115V5*D*	35,000	24,900	.71	16.0	12.5	3565037
WGAC46 48AA*	CAUF4860*6B*+TXV	WGF*28070V4*B*	45,500	34,600	.76	15.0	12.0	3567421
	CAUF4860*6B*+TXV	WGF*28090V5*C*	47,000	35,700	.76	16.0	12.3	3567422
	CAUF4860*6B*+TXV	WGF*28115V5*C*	46,500	35,300	.76	16.0	12.5	3567423
	CAUF4860*6B*+TXV	WGF*295070V4*C*	45,500	34,600	.76	15.0	12.0	3567424
	CAUF4860*6B*+TXV	WGF*295090V5*D*	47,000	35,700	.76	16.0	12.3	3567425
	CAUF4860*6B*+TXV	WGF*295115V5*D*	47,000	35,700	.76	16.0	12.5	3567426
	CAUF4961*6A*+TXV	WGF*28070V4*B*	46,000	35,000	.76	15.5	12.2	3567435
	CAUF4961*6A*+TXV	WGF*28090V5*C*	47,000	35,700	.76	16.0	12.5	3567436
	CAUF4961*6A*+TXV	WGF*28115V5*C*	46,500	35,300	.76	16.0	12.5	3567437
	CAUF4961*6A*+TXV	WGF*295070V4*C*	46,500	35,300	.76	15.0	12.0	3567438
	CAUF4961*6A*+TXV	WGF*295090V5*D*	47,000	35,700	.76	16.0	12.5	3567439
	CAUF4961*6A*+TXV	WGF*295115V5*D*	47,000	35,700	.76	16.0	12.5	3567440
	W*C4860P4*B*+TXV	WGF*28070V4*B*	45,500	34,600	.76	15.0	12.0	3565041
	W*C4860P4*B*+TXV	WGF*28090V5*C*	47,000	35,700	.76	16.0	12.3	3565042
	W*C4860P4*B*+TXV	WGF*28115V5*C*	46,500	35,300	.76	16.0	12.5	3565043
	W*C4860P4*B*+TXV	WGF*295070V4*C*	45,500	34,600	.76	15.0	12.0	3565044
	W*C4860P4*B*+TXV	WGF*295090V5*D*	47,000	35,700	.76	16.0	12.3	3565045
	W*C4860P4*B*+TXV	WGF*295115V5*D*	47,000	35,700	.76	16.0	12.5	3565046
	W*C4860P4*B*+		46,000	35,000	.76	15.0	12.0	3565039
	WMAH MV1600AB*+TXV							
	W*C4860P4*B*+		47,000	35,700	.76	16.0	12.5	3565040
	WMAH MV2000AB*+TXV							
	W*C4961P4*A*+TXV	WGF*28070V4*B*	46,000	35,000	.76	15.5	12.2	3565049
	W*C4961P4*A*+TXV	WGF*28090V5*C*	47,000	35,700	.76	16.0	12.5	3565050
	W*C4961P4*A*+TXV	WGF*28115V5*C*	46,500	35,300	.76	16.0	12.5	3565051
	W*C4961P4*A*+TXV	WGF*295070V4*C*	46,500	35,300	.76	15.0	12.0	3565052
	W*C4961P4*A*+TXV	WGF*295090V5*D*	47,000	35,700	.76	16.0	12.5	3565053
	W*C4961P4*A*+TXV	WGF*295115V5*D*	47,000	35,700	.76	16.0	12.5	3565054
	W*C4961P4*A*+		46,000	35,000	.76	15.0	12.0	3565047
	WMAH MV1600AB*+TXV							
	W*C4961P4*A*+		47,000	35,700	.76	16.0	12.5	3565048
	WMAH MV2000AB*+TXV							
	WAH MV4260P4AC*+TXV		46,000	35,000	.76	15.5	12.0	3565038
	WCH4860P4DD*+TXV	WGF*28070V4*B*	45,500	34,600	.76	15.5	12.0	3565057
	WCH4860P4DD*+TXV	WGF*28090V5*C*	45,500	34,600	.76	15.5	12.0	3565058
	WCH4860P4DD*+TXV	WGF*28115V5*C*	45,500	34,600	.76	15.5	12.0	3565059
	WCH4860P4DD*+TXV	WGF*295070V4*C*	46,000	35,000	.76	15.5	12.0	3565060
	WCH4860P4DD*+TXV	WGF*295090V5*D*	47,000	35,700	.76	16.0	12.3	3565061
	WCH4860P4DD*+TXV	WGF*295115V5*D*	47,000	35,700	.76	16.0	12.3	3565062
	WCH4860P4DD*+		46,000	35,000	.76	15.0	12.0	3565055
WMAH MV1600AB*+TXV								
WCH4860P4DD*+		47,000	35,700	.76	16.0	12.5	3565056	
WMAH MV2000AB*+TXV								

PRODUCT SPECIFICATIONS

AHRI PERFORMANCE DATA (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)					AHRI #
	Coil & Blower Units	Furnace	Total	Sensible	S/T	SEER ¹	EER ²	
WGAC46 60AA*	CAUF4860*6B*+TXV	WGF*28090V5*C*	57,000	43,300	.76	15.5	11.5	3567427
	CAUF4860*6B*+TXV	WGF*28115V5*C*	56,000	42,600	.76	15.0	12.0	3567428
	CAUF4860*6B*+TXV	WGF*295090V5*D*	57,500	43,700	.76	15.5	11.5	3567429
	CAUF4860*6B*+TXV	WGF*295115V5*D*	57,500	43,700	.76	15.5	11.5	3567430
	CAUF4961*6A*+TXV	WGF*28090V5*C*	57,000	43,300	.76	15.5	11.5	3567441
	CAUF4961*6A*+TXV	WGF*28115V5*C*	56,000	42,600	.76	15.5	12.0	3567442
	CAUF4961*6A*+TXV	WGF*295090V5*D*	57,500	43,700	.76	15.5	11.5	3567443
	CAUF4961*6A*+TXV	WGF*295115V5*D*	57,500	43,700	.76	15.5	11.5	3567444
	W*C4860P4*B*+TXV	WGF*28090V5*C*	57,000	43,300	.76	15.5	11.5	3565065
	W*C4860P4*B*+TXV	WGF*28115V5*C*	56,000	42,600	.76	15.0	12.0	3565066
	W*C4860P4*B*+TXV	WGF*295090V5*D*	57,500	43,700	.76	15.5	11.5	3565067
	W*C4860P4*B*+TXV	WGF*295115V5*D*	57,500	43,700	.76	15.5	11.5	3565068
	WMAHMOV2000AB*+TXV		57,000	43,300	.76	16.0	12.0	3565064
	W*C4961P4*A*+TXV	WGF*28090V5*C*	57,000	43,300	.76	15.5	11.5	3565070
	W*C4961P4*A*+TXV	WGF*28115V5*C*	56,000	42,600	.76	15.5	12.0	3565071
	W*C4961P4*A*+TXV	WGF*295090V5*D*	57,500	43,700	.76	15.5	11.5	3565072
	W*C4961P4*A*+TXV	WGF*295115V5*D*	57,500	43,700	.76	15.5	11.5	3565073
	WMAHMOV2000AB*+TXV		57,000	43,300	.76	16.0	12.0	3565069
	WAHMOV4260P4AC*+TXV		57,000	43,300	.76	15.5	11.5	3565063
	WCH4860P4DD*+TXV	WGF*28090V5*C*	56,000	42,600	.76	15.5	12.0	3565075
	WCH4860P4DD*+TXV	WGF*28115V5*C*	56,000	42,600	.76	15.5	11.5	3565076
	WCH4860P4DD*+TXV	WGF*295090V5*D*	57,000	43,300	.76	15.5	12.5	3565077
	WCH4860P4DD*+TXV	WGF*295115V5*D*	57,000	43,300	.76	15.5	11.5	3565078
	WMAHMOV2000AB*+TXV		57,000	43,300	.76	16.0	12.0	3565074

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

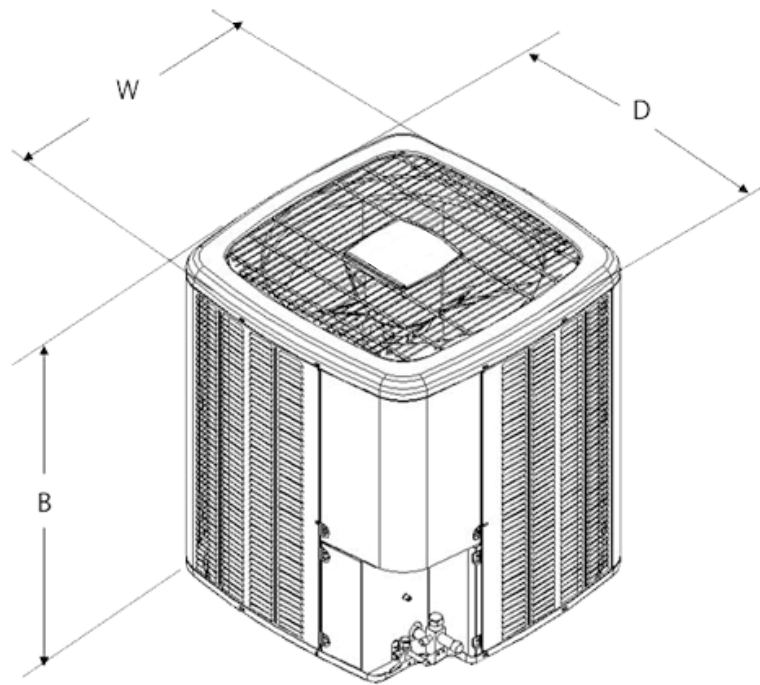
² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

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 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

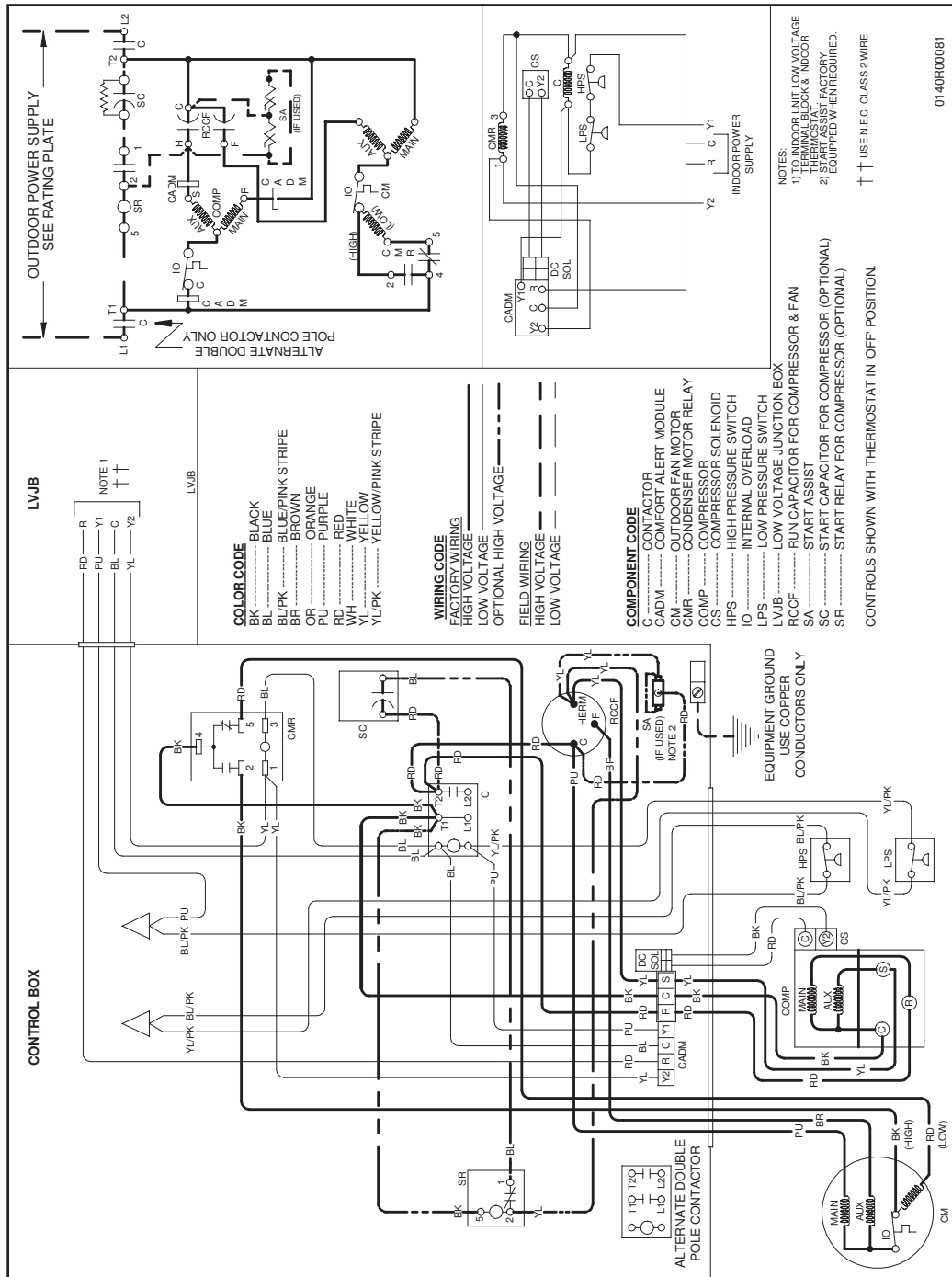
DIMENSIONS

Model	Dimensions
WGAC4624AC*	29x29x30 ¹ / ₄
WGAC4636AC*	29x29x30 ¹ / ₄
WGAC4648AA*	35 ¹ / ₂ x35 ¹ / ₂ x38 ¹ / ₄
WGAC4660AA*	35 ¹ / ₂ x35 ¹ / ₂ x38 ¹ / ₄



PRODUCT SPECIFICATIONS

WGAC46 WIRING DIAGRAM



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

⚠ WARNING

HIGH VOLTAGE!

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



PRODUCT SPECIFICATIONS

ACCESSORIES

Model	Description	WGAC4624A	WGAC4636A	WGAC4648A	WGAC4660A
ABK-20	Anchor Bracket Kit ▼	X	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X	X
CSR-U-1	Hard-start Kit	X	X		
CSR-U-2	Hard-start Kit		X	X	X
CSR-U-3	Hard-start Kit			X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X
LSK01A	Liquid Line Solenoid Kit	X	X	X	X
OT18-60A	Outdoor Thermostat / Lockout Stat	X	X	X	X
TX2N4 ²	TXV Kit	X			
TX3N4 ²	TXV Kit		X		
TX5N4 ²	TXV Kit			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.



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