Whirlpool® Home Cooling & Heating

WPC43M

Packaged Air Conditioner

Product Specifications

R-410A

13 SEER

3, 4, & 5 Tons

Cooling Capacity:
36,000 - 56,000 BTU/h

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

The Whirlpool® brand WPC43 Packaged Air Conditioner features energy-efficient cooling and heating performance in one self-contained unit. This unit is housed in a heavy-gauge, galvanized-steel cabinet protected by a high-quality, UV-resistant powder-paint finish and allows for a ground-level or rooftop mount.

Standard Features

- Energy-efficient compressor with internal relief valve
- EEM blower motor; PSC blower motor on 3-ton units
- Convertible airflow — horizontal or downflow
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully-charged R-410A system
- Electric heat kit available as a field-installed accessory

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Hannah Slate Durashield® powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; two heights

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NOMENCLATURE

W	P	C	4	3	36	A	M	A	A
1	2	3	4	5	6,7	8	9	10	11

Brand
W Whirlpool

Product Category
P Packaged Unit

Type
H Heat Pump
C Air Conditioner

Refrigerant
4 R-410A

SEER

3	13 SEER	5	15 SEER
4	14 SEER	6	16 SEER

Engineering
Minor Revision

Engineering
Major Revision

Configuration
M Multiple Position
H Horizontal

Voltage
A 208-230 1 Phase

Nominal Capacity

24	2 Tons	42	3.5 Tons
30	2.5 Tons	48	4 Tons
36	3 Tons	60	5 Tons

SPECIFICATIONS

	WPC43 36AMA*	WPC43 48AMA*	WPC43 60AMA*
Cooling Capacity			
Total BTU/h	35,000	45,500	56,000
Sensible BTU/h	26,250	35,945	40,880
SEER / EER	13/10.9	13/11	13/10.9
Decibels	80.1	81.7	80.2
Evaporator Motor			
Type	DD	X-13	X-13
Nominal Cooling CFM	1,180	1,700	1,750
Wheel (DxW)	10 x 9	10 x 9	10 x 9
No. of Speeds	3	5	5
Horsepower - RPM	⅓	¾	1.0
Evaporator Coil			
Face Area (ft^2)	4.52	6.17	6.17
Rows Deep/ Fin per Inch	4/14	4	4
Drain Size (NPT)	¾”	¾”	¾”
Refrigerant Charge (oz.)	85	120	195
Condenser Fan / Coil			
Horsepower - RPM	¼ - 1,075	¼ - 1,075	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft^2)	12.29	15.36	21.04
Rows Deep/ Fins per Inch	1/24	1/24	2/16
Compressor			
Quantity	1	1	1
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
Electrical Data			
Voltage-Phase	208/230-1	208/230-1	208/230-1
Compressor RLA/LRA	16.7 / 79	19.9 / 109	26.4 / 134
Indoor Blower FLA / LRA	3.06 / 4.1	5.8 / -	7.6 / -
Oudoor Fan FLA / LRA	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Total Unit Amps	21.2	27.1	35.4
Min. Circuit Ampacity[1]	25.3	32.1	42
Max. Overcurrent Protection[2]	40 amps	50 amps	60 amps
Ship Weight (lbs)	410	510	533

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

[2] May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

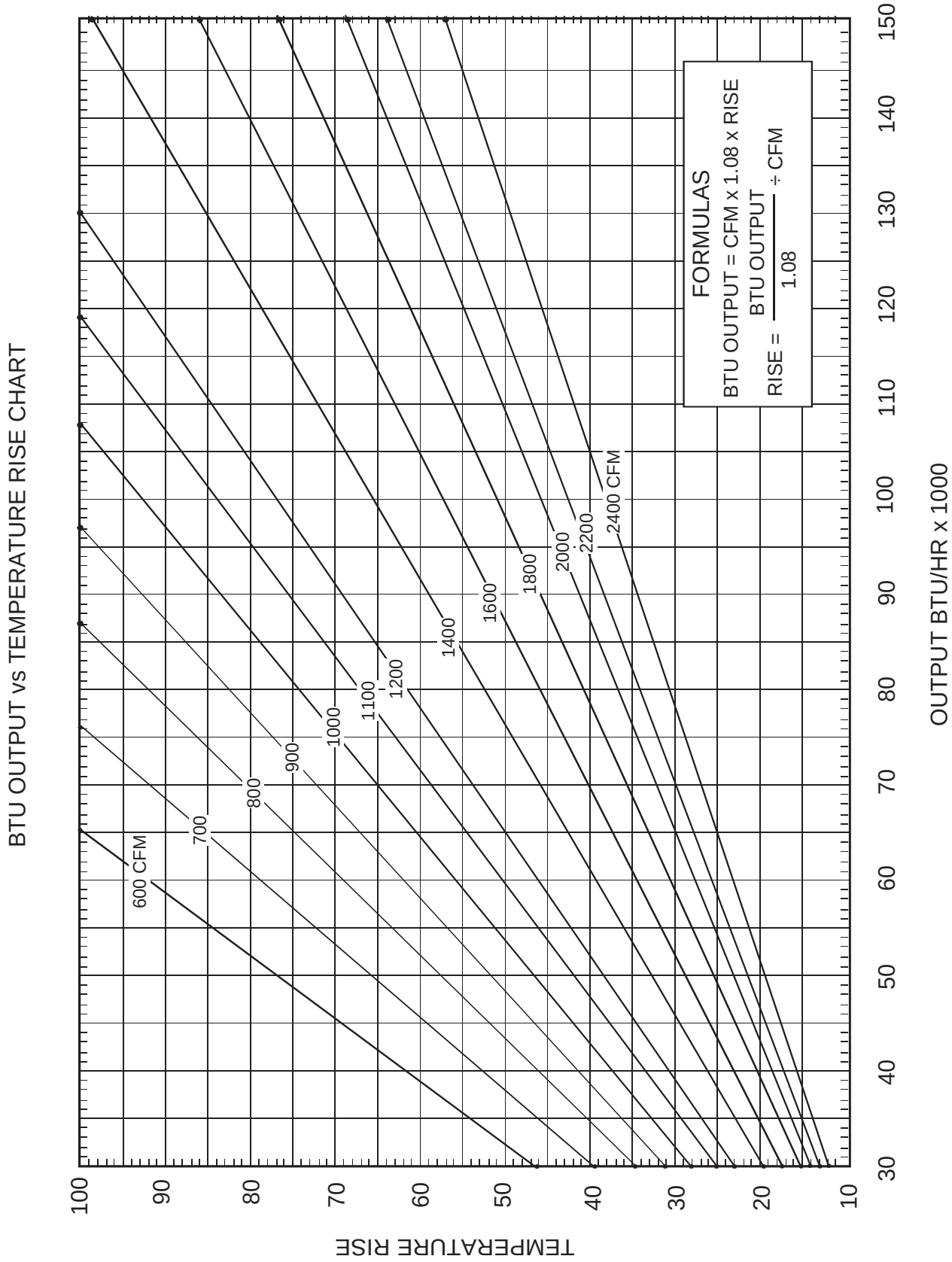
AIRFLOW DATA

Model	Motor Tap Speed	Volts	E.S.P (In. of H_2O)								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
WPC43 36AM**	Low	230	CFM	1,122	1,078	1,032	972	915	804	687	558
			Watts	338	330	321	310	300	283	264	250
	Med	230	CFM	1,387	1,331	1,264	1,209	1,119	1,041	935	748
			Watts	456	440	428	412	399	382	363	330
	High	230	CFM	1,521	1,454	1,388	1,311	1,230	1,144	1,055	939
			Watts	534	521	510	490	477	461	442	420
WPC43 48AM**	T1 (G)	230	CFM	1,440	1,395	1,360	1,310	1,265	1,235	1,190	1,130
			Watts	275	285	295	315	325	335	345	355
	T2 / T3 (W2)	230	CFM	1,795	1,765	1,715	1,695	1,650	1,600	1,500	1,375
			Watts	475	490	505	520	530	535	510	475
	T4 / T5 (Y)	230	CFM	1,860	1,820	1,785	1,745	1,700	1,625	1,515	1,395
			Watts	515	530	545	565	570	550	535	485
WPC43 60AM**	T1 (G)	230	CFM	1,755	1,720	1,685	1,645	1,615	1,570	1,530	1,465
			Watts	420	435	455	460	475	490	500	500
	T2 / T3 (W2)	230	CFM	1,850	1,820	1,775	1,735	1,705	1,675	1,610	1,495
			Watts	480	500	515	525	535	555	545	520
	T4 / T5 Y	230	CFM	2,180	2,125	2,050	1,975	1,875	1,800	1,655	1,530
			Watts	770	755	725	700	675	640	575	540

Notes:

- Data shown is dry coil. Wet coil pressure drop is approximately 0.1” H2O, for two-row indoor coil; 0.2” H2O, for three-row indoor coil; and 0.3” H2O, for four-row indoor coil.
- Data shown does not include filter pressure drop, approx. 0.08” H2O.
- ALL MODELS SHOULD RUN NO LESS THAN 350 CFM/TON. USE HIGHER SPEED TAP OR NEXT SIZE LARGER BLOWER ASM. See Repair Parts list.
- Reduce airflow by 2% for 208-volt operation.

TEMPERATURE RISE RANGE CHART



EXPANDED COOLING DATA — WPC4336AMA*

IDB	Airflow		Outdoor Ambient Temperature 65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1326	MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.86	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.54	2.59	2.66	-	2.72	2.78	2.86	-	2.88	2.94	3.03	-	3.03	3.09	3.18	-	3.15	3.21	3.31	-	3.25	3.32	3.43	-
		Amps	-0.4	-0.2	0.1	-	0.3	0.5	0.8	-	1.1	1.4	1.7	-	1.8	2.1	2.5	-	2.6	2.9	3.3	-	3.3	3.6	4.0	-
		Hi PR	244	263	278	-	274	295	311	-	312	335	354	-	355	382	403	-	399	430	454	-	441	475	501	-
		Lo PR	113	120	131	-	119	127	139	-	124	132	144	-	130	139	151	-	137	145	159	-	141	150	164	-
	1180	MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		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	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	2.52	2.57	2.64	-	2.70	2.76	2.84	-	2.86	2.92	3.01	-	3.00	3.06	3.16	-	3.12	3.19	3.29	-	3.23	3.29	3.40	-
		Amps	-0.5	-0.3	-0.0	-	0.2	0.4	0.8	-	1.0	1.3	1.6	-	1.7	2.0	2.4	-	2.5	2.7	3.2	-	3.2	3.5	3.9	-
		Hi PR	242	260	275	-	271	292	308	-	309	332	351	-	351	378	399	-	395	426	449	-	437	470	496	-
		Lo PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-
	1034	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.46	2.51	2.58	-	2.64	2.69	2.77	-	2.79	2.85	2.94	-	2.93	2.99	3.08	-	3.05	3.11	3.21	-	3.15	3.21	3.32	-
		Amps	-0.8	-0.6	-0.3	-	-0.1	0.2	0.5	-	0.7	1.0	1.3	-	1.4	1.7	2.1	-	2.1	2.4	2.8	-	2.8	3.1	3.5	-
		Hi PR	235	252	267	-	263	283	299	-	299	322	340	-	341	367	387	-	384	413	436	-	424	456	482	-
		Lo PR	108	115	126	-	115	122	133	-	119	127	138	-	125	133	145	-	131	140	152	-	136	144	158	-
75	1326	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.4	**33.4**	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.91	0.81	0.61	0.40	0.94	**0.84**	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		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	2.56	2.61	2.69	2.77	2.74	2.80	2.88	2.97	2.91	2.97	3.06	3.15	3.05	**3.11**	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.45	3.57
		Amps	-0.4	-0.1	0.2	0.5	0.4	0.6	0.9	1.3	1.2	1.5	1.8	2.3	1.9	**2.2**	2.6	3.1	2.7	3.0	3.4	3.9	3.4	3.7	4.2	4.7
		Hi PR	247	266	280	292	277	298	315	328	315	339	358	373	359	**386**	408	425	403	434	458	478	446	480	507	528
		Lo PR	114	121	133	141	121	128	140	149	125	133	146	155	132	**140**	153	163	138	147	160	171	143	152	166	176
	1180	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	**32.4**	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
		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	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		kW	2.54	2.59	2.67	2.75	2.72	2.78	2.86	2.95	2.88	2.94	3.03	3.13	3.03	**3.09**	3.19	3.29	3.15	3.21	3.31	3.42	3.25	3.32	3.43	3.54
		Amps	-0.4	-0.2	0.1	0.4	0.3	0.5	0.8	1.2	1.1	1.4	1.7	2.2	1.8	**2.1**	2.5	3.0	2.6	2.9	3.3	3.8	3.3	3.6	4.0	4.5
		Hi PR	244	263	278	290	274	295	311	325	312	335	354	369	355	**382**	403	421	399	430	454	473	441	475	502	523
		Lo PR	113	120	131	140	119	127	139	148	124	132	144	153	130	**139**	151	161	137	145	159	169	141	150	164	175
	1034	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	**29.9**	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
		S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	**0.77**	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	**21**	17	12	22	20	17	11	21	19	15	11
		kW	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.82	2.87	2.96	3.05	2.95	**3.02**	3.11	3.21	3.07	3.14	3.23	3.34	3.17	3.24	3.34	3.45
		Amps	-0.7	-0.5	-0.2	0.2	0.0	0.3	0.6	0.9	0.8	1.1	1.4	1.8	1.5	**1.8**	2.2	2.6	2.2	2.5	2.9	3.4	2.9	3.2	3.7	4.2
		Hi PR	237	255	269	281	266	286	302	315	302	325	344	358	344	**371**	391	408	387	417	440	459	428	461	486	507
		Lo PR	110	117	127	136	116	123	134	143	120	128	140	149	126	**134**	147	156	132	141	154	164	137	146	159	170

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 access fittings.

Amps = outdoor unit amps (comp.+fan)

Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 9± 2 °F @ the compressor suction access fitting connection.

EXPANDED COOLING DATA — WPC4336AMA* (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	1326	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9
		S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	22	22	19	15	20	21	18	14
		kW	2.58	2.63	2.71	2.79	2.76	2.82	2.91	3.00	2.93	2.99	3.08	3.18	3.07	3.14	3.24	3.34	3.20	3.27	3.37	3.48	3.30	3.37	3.48	3.60
		Amps	-0.3	-0.1	0.3	0.6	0.5	0.7	1.0	1.4	1.3	1.6	1.9	2.4	2.1	2.3	2.7	3.2	2.8	3.1	3.5	4.0	3.5	3.8	4.3	4.8
		Hi PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	408	439	463	483	450	485	512	534
		Lo PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178
	1180	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	**35.0**	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9
		S/T	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.78	0.58	1.00	0.96	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	22	19	15
		kW	2.56	2.61	2.69	2.77	2.74	2.80	2.88	2.97	2.91	2.97	3.06	3.15	3.05	3.11	**3.21**	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.45	3.57
		Amps	-0.4	-0.1	0.2	0.5	0.4	0.6	0.9	1.3	1.2	1.5	1.8	2.3	2.0	2.2	**2.6**	3.1	2.7	3.0	3.4	3.9	3.4	3.7	4.2	4.7
		Hi PR	247	266	280	292	277	298	315	328	315	339	358	373	359	386	**408**	425	403	434	458	478	446	480	507	528
		Lo PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	**153**	163	138	147	160	171	143	152	166	177
	1034	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	23	20	16	23	22	19	15
		kW	2.50	2.55	2.62	2.70	2.68	2.73	2.82	2.90	2.84	2.90	2.98	3.08	2.98	3.04	3.13	3.23	3.10	3.16	3.26	3.37	3.20	3.27	3.37	3.48
		Amps	-0.6	-0.4	-0.1	0.2	0.1	0.3	0.7	1.0	0.9	1.2	1.5	1.9	1.6	1.9	2.3	2.7	2.3	2.6	3.0	3.5	3.0	3.4	3.8	4.3
		Hi PR	239	258	272	284	269	289	305	318	305	329	347	362	348	374	395	412	391	421	445	464	432	465	491	513
		Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171
85	1326	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	25	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	20	21	21	19
		kW	2.60	2.65	2.73	2.81	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.20	3.10	3.16	3.26	3.37	3.22	3.29	3.40	3.51	3.33	3.40	3.51	3.63
		Amps	-0.2	0.0	0.3	0.7	0.6	0.8	1.1	1.5	1.4	1.7	2.0	2.5	2.2	2.4	2.8	3.3	2.9	3.2	3.6	4.1	3.6	4.0	4.4	4.9
		Hi PR	252	271	286	298	282	304	321	335	321	346	365	381	366	394	416	434	412	443	468	488	455	489	517	539
		Lo PR	116	124	135	144	123	131	143	152	128	136	148	158	134	143	156	166	141	150	163	174	146	155	169	180
	1180	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7
		S/T	0.94	0.90	0.82	0.66	0.97	0.94	0.84	0.69	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	25	24	21	22	23	22	19
		kW	2.58	2.63	2.71	2.79	2.76	2.82	2.91	3.00	2.93	2.99	3.08	3.18	3.07	3.14	3.24	3.34	3.20	3.27	3.37	3.48	3.30	3.37	3.48	3.60
		Amps	-0.3	-0.1	0.3	0.6	0.5	0.7	1.0	1.4	1.3	1.6	1.9	2.4	2.1	2.3	2.7	3.2	2.8	3.1	3.5	4.0	3.5	3.8	4.3	4.8
		Hi PR	249	268	283	295	280	301	318	331	318	342	361	377	362	390	412	429	408	439	463	483	450	485	512	534
		Lo PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178
	1034	MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2
		S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		ΔT	26	26	24	21	26	26	24	21	26	26	24	21	27	26	25	21	25	26	24	21	24	24	23	20
		kW	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.93	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.39	3.22	3.29	3.40	3.51
		Amps	-0.5	-0.3	-0.0	0.3	0.2	0.4	0.7	1.1	1.0	1.3	1.6	2.0	1.7	2.0	2.4	2.8	2.5	2.7	3.2	3.6	3.2	3.5	3.9	4.4
		Hi PR	242	260	275	287	271	292	308	321	308	332	351	366	351	378	399	416	395	425	449	469	437	470	496	518
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173

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 access fittings.
Amps = outdoor unit amps (comp.+fan)
Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 9± 2 °F @ the compressor suction access fitting connection.

EXPANDED COOLING DATA — WPC4348AMA*

			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	1911	MBh	44.6	46.2	50.6	-	43.5	45.1	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.71	0.49	-	0.87	0.73	0.50	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
		kW	3.23	3.30	3.39	-	3.46	3.53	3.64	-	3.67	3.74	3.85	-	3.84	3.92	4.04	-	4.00	4.08	4.21	-	4.13	4.21	4.35	-
		Amps	16.0	16.3	16.7	-	17.0	17.3	17.7	-	18.0	18.4	18.8	-	19.0	19.3	19.8	-	19.9	20.3	20.8	-	20.9	21.3	21.8	-
		HI PR	243	261	276	-	272	293	309	-	310	333	352	-	353	380	401	-	397	427	451	-	438	472	498	-
		LO PR	116	123	134	-	122	130	142	-	127	135	147	-	133	142	155	-	140	149	162	-	145	154	168	-
	1700	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	3.21	3.27	3.37	-	3.44	3.51	3.61	-	3.64	3.71	3.82	-	3.81	3.89	4.01	-	3.96	4.05	4.17	-	4.09	4.18	4.31	-
		Amps	15.9	16.2	16.6	-	16.8	17.1	17.6	-	17.9	18.2	18.7	-	18.9	19.2	19.7	-	19.8	20.2	20.7	-	20.7	21.1	21.7	-
		HI PR	240	259	273	-	270	290	306	-	307	330	348	-	349	376	397	-	393	423	447	-	434	467	493	-
		LO PR	114	122	133	-	121	129	140	-	126	134	146	-	132	140	153	-	138	147	161	-	143	152	166	-
	1490	MBh	40.0	41.4	45.4	-	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-
		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	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	3.14	3.20	3.29	-	3.36	3.43	3.53	-	3.55	3.63	3.74	-	3.73	3.80	3.92	-	3.87	3.95	4.07	-	4.00	4.08	4.21	-
		Amps	15.6	15.9	16.2	-	16.5	16.8	17.2	-	17.5	17.9	18.3	-	18.5	18.8	19.3	-	19.4	19.7	20.2	-	20.2	20.6	21.2	-
		HI PR	233	251	265	-	262	281	297	-	297	320	338	-	339	365	385	-	381	410	433	-	421	453	479	-
		LO PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-
75	1911	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	19	18	15	10	18	17	14	10
		kW	3.26	3.32	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.08	4.21	4.03	4.11	4.24	4.38	4.16	4.25	4.38	4.52
		Amps	16.1	16.4	16.8	17.3	17.1	17.4	17.8	18.3	18.2	18.5	19.0	19.5	19.1	19.5	20.0	20.6	20.1	20.5	21.0	21.6	21.0	21.4	22.0	22.7
		HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	383	405	422	401	431	456	475	443	477	503	525
		LO PR	117	124	136	144	123	131	143	153	128	136	149	159	135	143	156	167	141	150	164	175	146	155	170	181
	1700	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	**42.2**	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	**0.85**	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
		ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		kW	3.23	3.30	3.39	3.49	3.46	3.53	3.64	3.75	3.67	3.74	3.85	3.97	3.84	**3.92**	4.04	4.17	4.00	4.08	4.21	4.34	4.13	4.21	4.35	4.49
		Amps	16.0	16.3	16.7	17.1	17.0	17.3	17.7	18.2	18.0	18.4	18.8	19.4	19.0	**19.3**	19.8	20.4	19.9	20.3	20.8	21.5	20.9	21.3	21.8	22.5
		HI PR	243	261	276	288	272	293	310	323	310	333	352	367	353	**380**	401	418	397	427	451	470	439	472	498	520
		LO PR	116	123	134	143	122	130	142	151	127	135	147	157	133	**142**	155	165	140	149	162	173	145	154	168	179
	1490	MBh	40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		kW	3.16	3.22	3.32	3.42	3.39	3.45	3.55	3.66	3.58	3.65	3.76	3.88	3.76	3.83	3.95	4.07	3.90	3.98	4.11	4.24	4.03	4.11	4.24	4.38
		Amps	15.7	16.0	16.4	16.8	16.6	16.9	17.3	17.8	17.7	18.0	18.4	19.0	18.6	18.9	19.4	20.0	19.5	19.9	20.4	21.0	20.4	20.8	21.3	22.0
		HI PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504
		LO PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173

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 access fittings.
Amps = outdoor unit amps (comp.+fan)
Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 10± 2 °F @ the compressor suction access fitting connection.

EXPANDED COOLING DATA — WPC4348AMA* (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	1911	MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1
		S/T	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65
		ΔT	22	21	18	15	22	21	19	15	21	22	19	15	21	21	19	15	20	20	18	15	18	19	17	14
		kW	3.28	3.35	3.44	3.55	3.52	3.59	3.69	3.81	3.72	3.80	3.91	4.04	3.90	3.99	4.11	4.24	4.06	4.15	4.27	4.41	4.19	4.28	4.42	4.56
		Amps	16.2	16.5	16.9	17.4	17.2	17.5	17.9	18.4	18.3	18.6	19.1	19.7	19.3	19.6	20.1	20.7	20.2	20.6	21.2	21.8	21.2	21.6	22.2	22.8
		HI PR	248	267	281	294	278	299	316	329	316	340	359	375	360	387	409	427	405	436	460	480	447	482	508	530
		LO PR	118	125	137	146	125	133	145	154	130	138	150	160	136	145	158	168	143	152	166	176	147	157	171	182
	1700	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	**45.5**	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
		S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	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	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	16	21	22	19	15	20	20	18	14
		kW	3.26	3.32	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.01	3.87	3.95	**4.08**	4.21	4.03	4.11	4.24	4.38	4.16	4.25	4.38	4.52
		Amps	16.1	16.4	16.8	17.3	17.1	17.4	17.8	18.3	18.2	18.5	19.0	19.5	19.1	19.5	**20.0**	20.6	20.1	20.5	21.0	21.6	21.0	21.4	22.0	22.7
		HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	384	**405**	422	401	431	456	475	443	477	503	525
		LO PR	117	124	136	144	123	131	143	153	128	136	149	159	135	143	**156**	167	141	150	164	175	146	155	170	181
	1490	MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.04	0.97	0.79	0.59	1.05	0.98	0.80	0.60
		ΔT	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15
		kW	3.19	3.25	3.34	3.44	3.41	3.48	3.58	3.69	3.61	3.68	3.79	3.91	3.78	3.86	3.98	4.11	3.93	4.02	4.14	4.27	4.06	4.15	4.28	4.41
		Amps	15.8	16.1	16.5	16.9	16.7	17.0	17.4	17.9	17.8	18.1	18.6	19.1	18.7	19.1	19.6	20.1	19.6	20.0	20.5	21.2	20.5	20.9	21.5	22.2
		HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	462	488	509
		LO PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	165	175
85	1911	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.7	41.5	42.3	44.3	47.3	38.4	39.2	41.0	43.8
		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84
		ΔT	23	23	22	19	22	22	22	19	22	22	22	19	21	21	22	19	20	20	21	19	18	19	20	18
		kW	3.31	3.37	3.47	3.57	3.54	3.61	3.72	3.84	3.75	3.83	3.94	4.07	3.94	4.02	4.14	4.27	4.09	4.18	4.31	4.45	4.23	4.32	4.45	4.60
		Amps	16.3	16.6	17.0	17.5	17.3	17.6	18.1	18.6	18.4	18.8	19.2	19.8	19.4	19.8	20.3	20.9	20.4	20.8	21.3	22.0	21.3	21.7	22.3	23.0
		HI PR	250	269	284	296	281	302	319	333	319	344	363	378	364	391	413	431	409	440	465	485	452	486	514	536
		LO PR	119	127	138	147	126	134	146	156	131	139	152	162	137	146	160	170	144	153	167	178	149	158	173	184
	1700	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	24	24	23	20	24	24	23	20	24	24	23	20	23	23	23	20	22	22	23	20	20	21	21	18
		kW	3.28	3.35	3.44	3.55	3.52	3.59	3.69	3.81	3.72	3.80	3.91	4.04	3.90	3.99	4.11	4.24	4.06	4.15	4.27	4.41	4.19	4.28	4.42	4.56
		Amps	16.2	16.5	16.9	17.4	17.2	17.5	17.9	18.4	18.3	18.6	19.1	19.7	19.3	19.6	20.1	20.7	20.2	20.6	21.2	21.8	21.2	21.6	22.2	22.8
		HI PR	248	267	281	294	278	299	316	329	316	340	359	375	360	387	409	427	405	436	460	480	447	482	508	530
		LO PR	118	125	137	146	125	133	145	154	130	138	150	160	136	145	158	168	143	152	166	176	147	157	171	182
	1490	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	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	0.96	0.78
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	24	25	24	20	23	23	23	20	21	22	22	19
		kW	3.21	3.27	3.37	3.47	3.44	3.50	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.14	3.96	4.05	4.17	4.30	4.09	4.18	4.31	4.45
		Amps	15.9	16.2	16.6	17.0	16.8	17.1	17.6	18.1	17.9	18.2	18.7	19.2	18.8	19.2	19.7	20.3	19.8	20.2	20.7	21.3	20.7	21.1	21.7	22.3
		HI PR	240	259	273	285	270	290	306	319	307	330	348	363	349	376	397	414	393	423	446	466	434	467	493	514
		LO PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177

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 access fittings.

Amps = outdoor unit amps (comp.+fan)

Design Subcooling, 10 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 10± 2 °F @ the compressor suction access fitting connection.

EXPANDED COOLING DATA — WPC4360AMA*

			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	1967	MBh	54.9	56.9	62.3	-	53.6	55.6	60.9	-	52.3	54.2	59.4	-	51.0	52.9	58.0	-	48.5	50.3	55.1	-	44.9	46.6	51.0	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	4.07	4.15	4.28	-	4.38	4.47	4.61	-	4.64	4.74	4.89	-	4.88	4.99	5.15	-	5.08	5.19	5.36	-	5.26	5.37	5.55	-
		Amps	19.9	20.3	20.8	-	21.1	21.5	22.1	-	22.6	23.0	23.6	-	23.8	24.3	24.9	-	25.0	25.5	26.2	-	26.2	26.8	27.5	-
		HI PR	239	258	272	-	269	289	305	-	305	329	347	-	348	374	395	-	391	421	445	-	432	465	491	-
		LO PR	106	113	123	-	112	120	130	-	117	124	136	-	123	130	142	-	129	137	149	-	133	141	154	-
	1750	MBh	53.3	55.2	60.5	-	52.0	53.9	59.1	-	50.8	52.7	57.7	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-
		S/T	0.70	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	4.04	4.12	4.25	-	4.34	4.43	4.57	-	4.61	4.70	4.85	-	4.84	4.95	5.10	-	5.04	5.15	5.32	-	5.21	5.33	5.50	-
		Amps	19.8	20.1	20.6	-	21.0	21.4	21.9	-	22.4	22.8	23.4	-	23.6	24.1	24.7	-	24.8	25.3	26.0	-	26.0	26.6	27.3	-
		HI PR	237	255	269	-	266	286	302	-	302	325	344	-	344	371	391	-	387	417	440	-	428	461	486	-
		LO PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-
	1534	MBh	49.2	51.0	55.8	-	48.0	49.8	54.5	-	46.9	48.6	53.2	-	45.7	47.4	51.9	-	43.5	45.0	49.3	-	40.3	41.7	45.7	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		kW	3.95	4.03	4.15	-	4.24	4.33	4.46	-	4.50	4.59	4.74	-	4.72	4.83	4.98	-	4.92	5.02	5.19	-	5.08	5.19	5.36	-
		Amps	19.4	19.7	20.2	-	20.5	20.9	21.5	-	21.9	22.3	22.9	-	23.1	23.5	24.2	-	24.3	24.8	25.4	-	25.4	25.9	26.7	-
		HI PR	230	247	261	-	258	278	293	-	293	316	333	-	334	359	380	-	376	404	427	-	415	447	472	-
		LO PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	128	136	148	-
75	1967	MBh	55.8	57.5	62.2	66.7	54.5	56.1	60.7	65.2	53.2	54.8	59.3	63.6	51.9	53.4	57.9	62.1	49.3	50.8	55.0	59.0	45.7	47.0	50.9	54.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		kW	4.10	4.19	4.32	4.45	4.41	4.50	4.64	4.79	4.68	4.78	4.93	5.09	4.92	5.03	5.19	5.36	5.12	5.24	5.41	5.58	5.30	5.42	5.59	5.78
		Amps	20.0	20.4	20.9	21.5	21.3	21.7	22.2	22.9	22.7	23.2	23.8	24.5	24.0	24.4	25.1	25.9	25.2	25.7	26.4	27.2	26.4	27.0	27.7	28.6
		HI PR	242	260	275	287	271	292	308	321	308	332	351	366	351	378	399	416	395	425	449	468	437	470	496	518
		LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	1750	MBh	54.2	55.8	60.4	64.8	52.9	54.5	59.0	63.3	51.7	53.2	57.6	61.8	50.4	**51.9**	56.2	60.3	47.9	49.3	53.4	57.3	44.4	45.7	49.4	53.0
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	**0.78**	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	20	16	11
		kW	4.07	4.16	4.28	4.42	4.38	4.47	4.61	4.75	4.64	4.74	4.89	5.05	4.88	**4.99**	5.15	5.31	5.08	5.19	5.36	5.54	5.26	5.37	5.55	5.73
		Amps	19.9	20.3	20.8	21.4	21.1	21.5	22.1	22.7	22.6	23.0	23.6	24.3	23.8	**24.3**	24.9	25.7	25.0	25.5	26.2	27.0	26.2	26.8	27.5	28.4
		HI PR	239	258	272	284	269	289	305	318	305	329	347	362	348	**374**	395	412	391	421	445	464	432	465	491	512
		LO PR	106	113	124	132	112	120	130	139	117	124	136	144	123	**130**	142	152	129	137	149	159	133	141	154	164
	1534	MBh	50.0	51.5	55.7	59.8	48.8	50.3	54.4	58.4	47.7	49.1	53.1	57.0	46.5	47.9	51.8	55.6	44.2	45.5	49.3	52.9	40.9	42.1	45.6	49.0
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	23	21	17	12	23	21	17	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		kW	3.98	4.06	4.18	4.31	4.27	4.36	4.50	4.64	4.53	4.63	4.77	4.93	4.76	4.86	5.02	5.18	4.96	5.07	5.23	5.40	5.13	5.24	5.41	5.59
		Amps	19.5	19.8	20.3	20.9	20.7	21.1	21.6	22.2	22.1	22.5	23.1	23.8	23.3	23.7	24.3	25.1	24.5	24.9	25.6	26.4	25.6	26.1	26.9	27.7
		HI PR	232	250	264	275	260	280	296	309	296	319	337	351	337	363	383	400	380	409	431	450	419	451	477	497
		LO PR	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160

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 access fittings.

Amps = outdoor unit amps (comp.+fan)

Design Subcooling, 9 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 10± 2 °F @ the compressor suction access fitting connection.

EXPANDED COOLING DATA — WPC4360AMA* (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	1967	MBh	56.8	58.0	62.0	66.3	55.5	56.7	60.6	64.7	54.2	55.3	59.1	63.2	52.8	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	23	24	20	16	22	22	19	15
		kW	4.14	4.22	4.35	4.49	4.45	4.54	4.68	4.83	4.72	4.82	4.97	5.14	4.96	5.07	5.23	5.40	5.17	5.28	5.45	5.63	5.34	5.46	5.64	5.83
		Amps	20.2	20.6	21.1	21.7	21.4	21.8	22.4	23.1	22.9	23.3	24.0	24.7	24.1	24.6	25.3	26.1	25.4	25.9	26.6	27.5	26.6	27.2	27.9	28.8
		HI PR	244	263	277	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523
		LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1750	MBh	55.1	56.3	60.2	64.4	53.9	55.0	58.8	62.9	52.6	53.7	57.4	61.4	51.3	52.4	**56.0**	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7
		S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	**0.73**	0.54	0.99	0.93	0.75	0.56	1.00	0.94	0.76	0.57
		ΔT	25	24	21	17	25	24	21	17	26	24	21	17	26	25	**21**	17	25	24	21	17	24	23	20	16
		kW	4.10	4.19	4.32	4.45	4.41	4.50	4.64	4.79	4.68	4.78	4.93	5.09	4.92	5.03	**5.19**	5.36	5.12	5.24	5.41	5.58	5.30	5.42	5.59	5.78
		Amps	20.0	20.4	20.9	21.5	21.3	21.7	22.2	22.9	22.7	23.2	23.8	24.5	24.0	24.4	**25.1**	25.9	25.2	25.7	26.4	27.3	26.4	27.0	27.7	28.6
		HI PR	242	260	275	287	271	292	308	322	309	332	351	366	351	378	**399**	416	395	425	449	469	437	470	496	518
		LO PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	**144**	153	130	138	151	161	134	143	156	166
	1534	MBh	50.9	52.0	55.6	59.4	49.7	50.8	54.3	58.0	48.5	49.6	53.0	56.6	47.3	48.4	51.7	55.3	45.0	46.0	49.1	52.5	41.7	42.6	45.5	48.6
		S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		ΔT	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		kW	4.01	4.09	4.22	4.35	4.31	4.40	4.53	4.68	4.57	4.67	4.81	4.97	4.80	4.90	5.06	5.23	5.00	5.11	5.27	5.45	5.17	5.28	5.45	5.63
		Amps	19.6	20.0	20.5	21.1	20.8	21.2	21.8	22.4	22.2	22.7	23.3	23.9	23.4	23.9	24.5	25.3	24.6	25.1	25.8	26.6	25.8	26.4	27.1	27.9
		HI PR	234	252	266	278	263	283	299	312	299	322	340	355	341	367	387	404	383	413	436	454	424	456	481	502
		LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
85	1967	MBh	57.8	58.9	61.7	65.8	56.4	57.5	60.3	64.3	55.1	56.2	58.8	62.8	53.8	54.8	57.4	61.2	51.1	52.1	54.5	58.2	47.3	48.2	50.5	53.9
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	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	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	23	20
		kW	4.17	4.25	4.38	4.52	4.48	4.58	4.72	4.87	4.76	4.86	5.01	5.18	5.00	5.11	5.27	5.45	5.21	5.32	5.50	5.68	5.39	5.51	5.69	5.88
		Amps	20.3	20.7	21.2	21.8	21.6	22.0	22.6	23.2	23.1	23.5	24.1	24.9	24.3	24.8	25.5	26.3	25.6	26.1	26.8	27.7	26.8	27.4	28.2	29.1
		HI PR	247	265	280	292	277	298	314	328	315	339	358	373	358	386	407	425	403	434	458	478	446	479	506	528
		LO PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169
	1750	MBh	56.1	57.2	59.9	63.9	54.8	55.9	58.5	62.4	53.5	54.5	57.1	60.9	52.2	53.2	55.7	59.4	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	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	27	25	22	24	25	23	20
		kW	4.14	4.22	4.35	4.49	4.45	4.54	4.68	4.83	4.72	4.82	4.97	5.14	4.96	5.07	5.23	5.40	5.17	5.28	5.45	5.63	5.34	5.46	5.64	5.83
		Amps	20.2	20.6	21.1	21.7	21.4	21.8	22.4	23.1	22.9	23.3	24.0	24.7	24.1	24.6	25.3	26.1	25.4	25.9	26.6	27.5	26.6	27.2	27.9	28.8
		HI PR	244	263	277	289	274	295	311	325	312	335	354	369	355	382	403	421	399	430	454	473	441	475	501	523
		LO PR	108	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1534	MBh	51.8	52.8	55.3	59.0	50.6	51.6	54.0	57.6	49.4	50.3	52.7	56.2	48.2	49.1	51.4	54.9	45.8	46.7	48.9	52.1	42.4	43.2	45.3	48.3
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21
		kW	4.04	4.12	4.25	4.38	4.34	4.43	4.57	4.71	4.61	4.70	4.85	5.01	4.84	4.94	5.10	5.27	5.04	5.15	5.32	5.49	5.21	5.33	5.50	5.68
		Amps	19.8	20.1	20.6	21.2	21.0	21.4	21.9	22.6	22.4	22.8	23.4	24.1	23.6	24.1	24.7	25.5	24.8	25.3	26.0	26.8	26.0	26.6	27.3	28.2
		HI PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163

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 access fittings.

Amps = outdoor unit amps (comp.+fan)

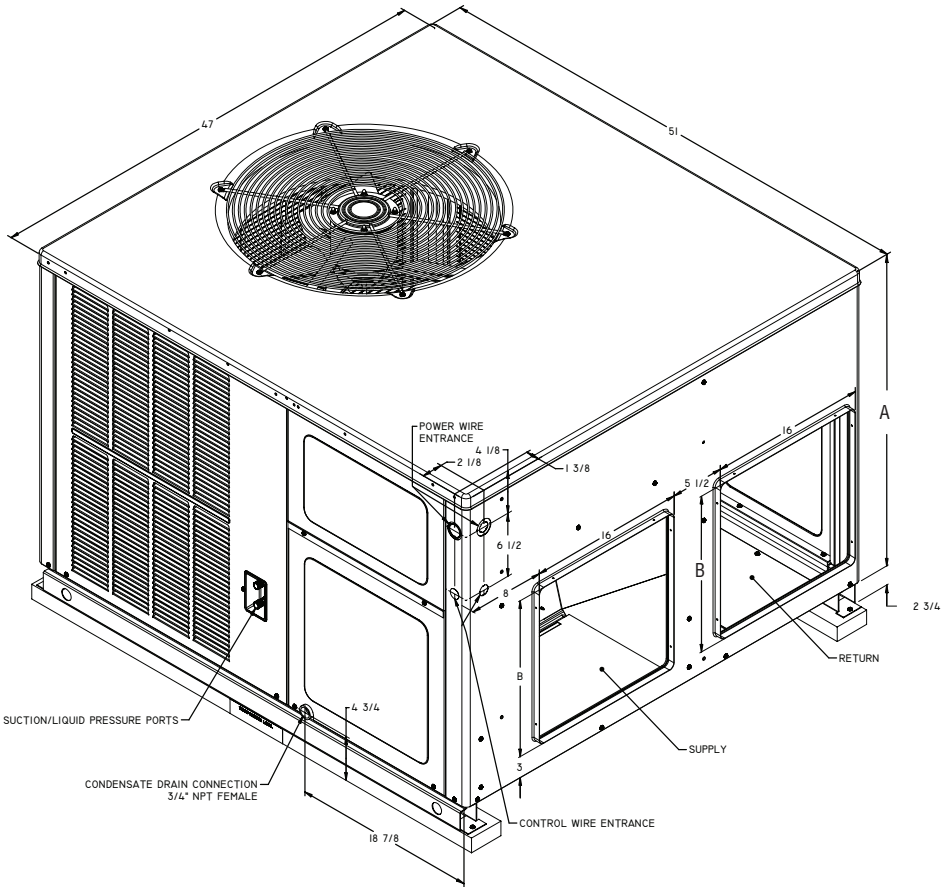
Design Subcooling, 9 ± 2 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 10± 2 °F @ the compressor suction access fitting connection.

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

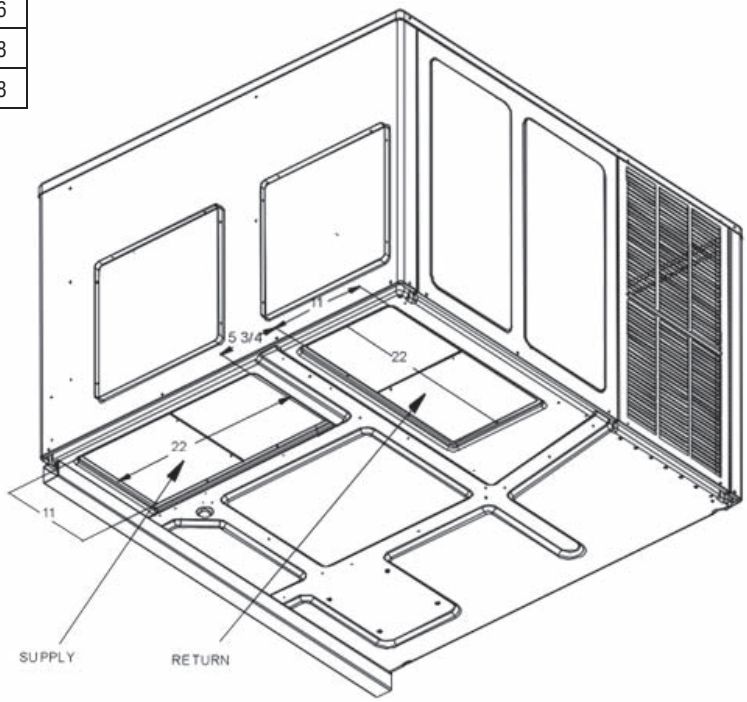
Model & Heat Kit Usage	Circuit #1		Circuit #2		Actual kW / BTU@ 240V
	MCA[1]	MOP[2]	MCA[1]	MOP[2]	
WPC4336AM**	1.9 / 1.9	--	--	--	--
HKR-05*, HKR-05C*	24 / 27	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	34 / 39	40 / 40	--	--	7.0 / 23,800
HKR-10*, HKR-10C*	45 / 52	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
WPC4348AM**	5.8 / 5.8	--	--	--	--
HKR-05*, HKR-05C*	25 / 28	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	38 / 40	40 / 40	--	--	7.0 / 23,800
HKR-10*, HKR-10C*	49 / 56	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	49 / 56	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*, HKR-20C*	49 / 56	60 / 60	43 / 49	60 / 60	19.5 / 66,500
WPC4360AM**	7.6 / 7.6	--	--	--	--
HKR-05*, HKR-05C*	29 / 30	30 / 30	--	--	4.75 / 16,200
HKR-08*, HKR-08C*	39 / 40	40 / 40	--	--	7.0 / 23,800
HKR-10*, HKR-10C*	51 / 58	60 / 60	--	--	9.5 / 32,400
HKR-15*, HKR-15C*	51 / 58	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR-20*, HKR-20C*	51 / 58	60 / 60	43 / 49	60 / 60	19.5 / 66,500

[1] Minimum Circuit Ampacity @ 208 / 240 V
[2] Maximum Overcurrent Protection device @ 208 / 240 V
* Revision level that may or may not be designated
C Circuit Breaker option

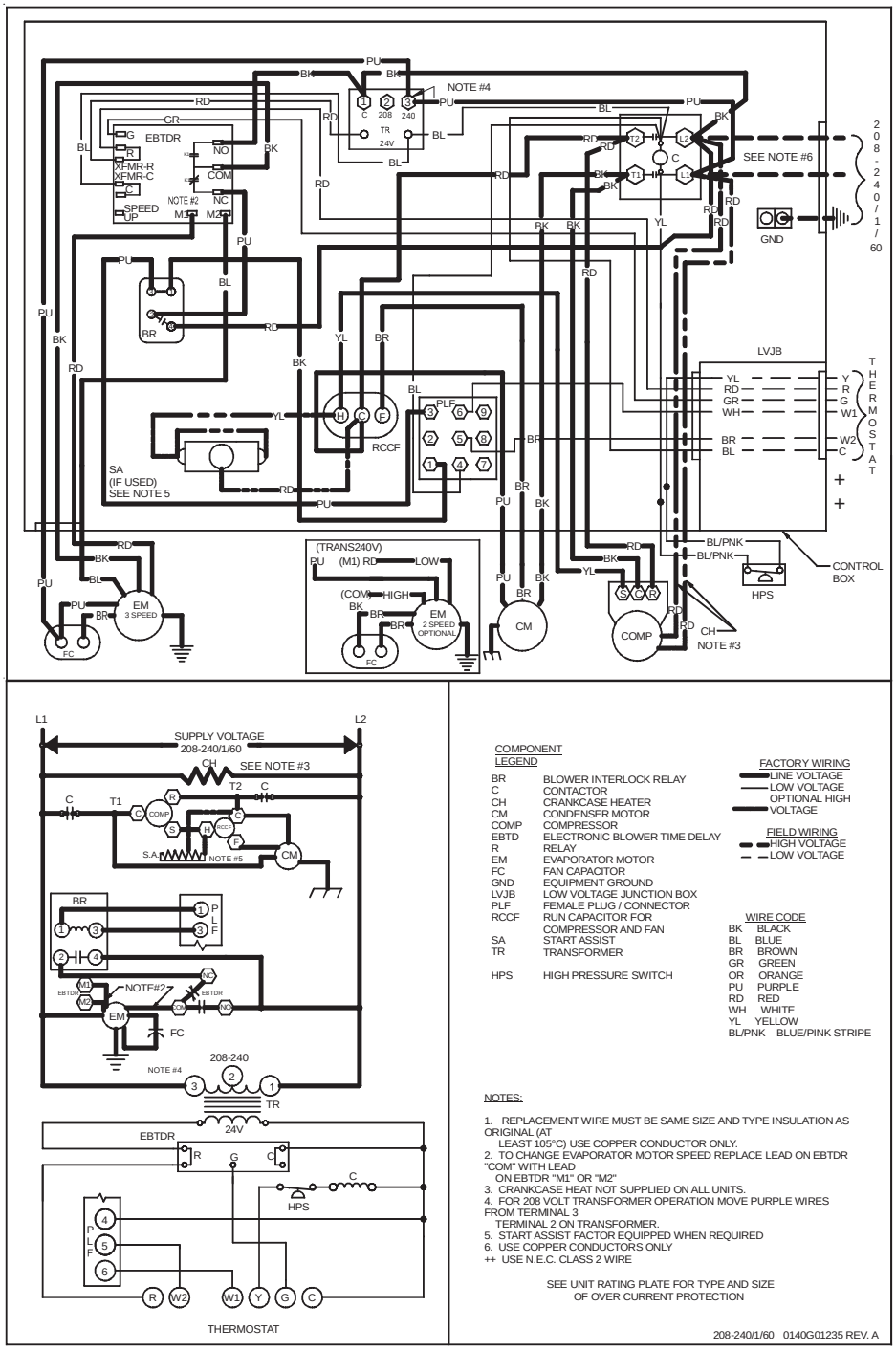
DIMENSIONS



Model	Chassis Size		Dimensions (")		
	Medium	Large	H x D x W	A	B
WPC4336AM**	X		34¾ x 51 x 47	32	16
WPC4348AM**		X	42¾ x 51 x 47	40	18
WPC4360AM**		X	42¾ x 51 x 47	40	18



WIRING DIAGRAM — WPC4336AM**



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

⚠ WARNING

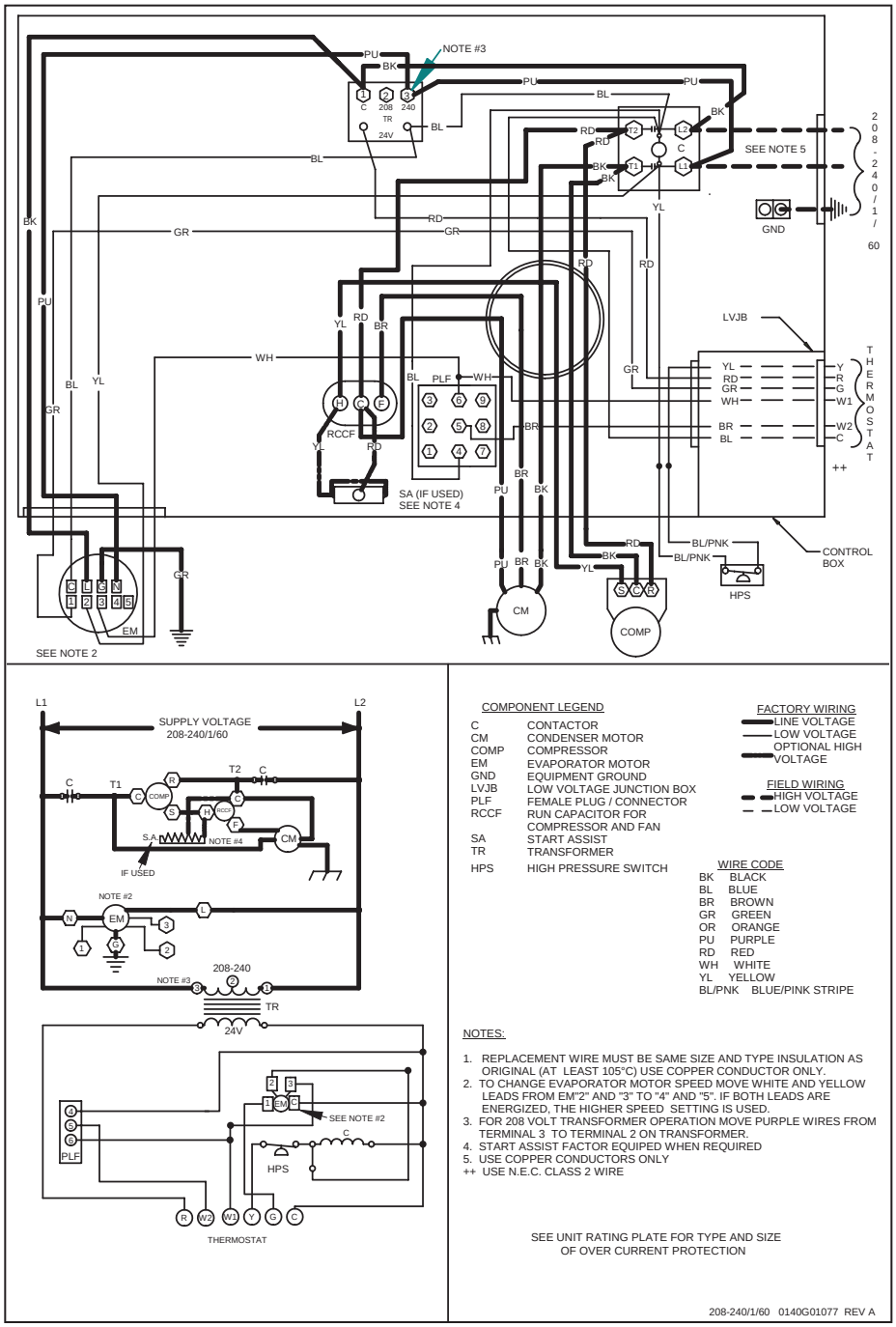
HIGH VOLTAGE!

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 — WPC4348-60AM**



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.

ACCESSORIES

Item	Description
20464501PDGK	Horizontal Duct Cover for Medium Chassis
20464502PDGK	Horizontal Duct Cover for Large Chassis
GPH13MED102/103	Downflow Economizer for Medium/Large Chassis
GPH13MFR102/103	Internal filter rack for Downflow Applications
OT/EHR18-60	Emergency Heat Relay kit
OT18-60A	Outdoor Thermostat Kit with Lockout Stat
PGC102/103	Roof Curb for Medium/Large Chassis
PGMDD102	Manual Damper for Downflow Application — Medium Chassis
PGMDD103	Manual Damper for Downflow Application — Large Chassis
PGMDH102	Manual 25% Fresh Air Damper for Horizontal Applications — Medium Chassis
PGMDH103	Manual 25% Fresh Air Damper for Horizontal Applications — Large Chassis
PGMDMD102	Motorized Damper for Downflow Application — Medium Chassis
PGMDMD103	Motorized Damper for Downflow Application — Large Chassis
PGMDMH102	Motorized 25% Fresh Air Damper for Horizontal Applications — Medium Chassis
PGMDMH103	Motorized 25% Fresh Air Damper for Horizontal Applications — Large Chassis
SQRPG102	Square-to-Round Adapter with 16” Round for Downflow Applications — Medium Chassis
SQRPG103	Square-to-Round Adapter with 18” Round for Downflow Applications — Large Chassis
SQRPGH101/102	Square-to-Round Adapters for Medium Chassis — 16” x 14”
SQRPGH103	Square-to-Round Adapters for Large Chassis — 18” x 14”

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