

PRODUCT SPECIFICATIONS



UP TO 13 SEER

R-410A

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

HEATING CAPACITY: 18,000 - 59,000 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 are available at www.whirlpoolhvac.com.

The Whirlpool Gold® brand WGHP43 Heat Pump uses the chlorine-free refrigerant R-410A and features operating sound levels that are among the best in the heating and cooling industry. The WGHP43 features an energy-efficient scroll compressor that provides improved temperature and humidity control.

Standard Features

- R-410A chlorine-free refrigerant
- Energy-efficient scroll compressor
- High-density foam compressor sound blanket
- Emerson Comfort Alert® diagnostics
- High and low pressure switches
- Factory-installed bi-flow liquid-line filter dryer
- Factory Installed Suction Accumulator
- Factory Installed Crankcase Heater
- Two-speed condenser fan motor
- Copper tube/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

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

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SPECIFICATIONS

	WGHP4318 AA*	WGHP4324 AA*	WGHP4330 AA*	WGHP4336 AA*	WGHP4342 AA*	WGHP4348 AA*	WGHP4360 AA*
Nominal Capacities							
Cooling (BTU/h)	17,400	23,000	28,400	35,000	40,500	46,000	57,000
Heating (BTU/h)	17,000	23,000	26,400	34,000	40,000	44,000	58,000
Decibels	70	70	67	71	72	74	75
Compressor							
RLA	9.0	12.8	14.1	16.7	17.9	19.9	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
Condenser Fan Motor							
Horsepower	1/6	1/6	1/6	1/4	1/4	1/4	1/4
FLA	0.9	0.9	0.9	1.50	1.50	1.50	1.50
Refrigeration System							
Refrigerant Line Size¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge Oz.	119	119	124	168	171	219	242
Shipped with Orifice Size	0.049	0.057	0.063	0.068	0.074	0.078	0.088
Electrical Data							
Volts / Hz / Phase	208/230-60-1				208/230-60-1		
Minimum Circuit Ampacity ²	12.2	16.9	18.5	22.4	23.9	26.4	34.5
Max. Overcurrent Protection ³	20	25	30	35	40	45	60
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	178	176	177	216	240	256	310

¹ Tested and rated in accordance with ARI 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.

EXPANDED COOLING DATA — WGHP4318AA* / WAHMS1824P4A** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	675	MBh	17.65	18.03	19.27	20.60	17.24	17.61	18.82	20.12	16.83	17.19	18.37	19.64	16.42	16.77	17.92	19.16	15.60	15.94	17.03	18.20	14.45	14.76	15.77	16.86
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	17	15	20	20	17	14	
	kW	1.25	1.28	1.32	1.36	1.35	1.38	1.42	1.47	1.44	1.47	1.52	1.57	1.51	1.55	1.60	1.65	1.58	1.61	1.67	1.73	1.63	1.67	1.73	1.79	
	Amps	5.6	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	6.8	7.0	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.0	8.3	
	Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	398	428	452	471	
	Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171	
	MBh	17.1	17.5	18.7	20.0	16.7	17.1	18.3	19.5	16.3	16.7	17.8	19.1	15.9	16.3	17.4	18.6	15.1	15.5	16.5	17.7	14.0	14.3	15.3	16.4	
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	
	ΔT	23	22	19	15	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	18	15	
kW	1.24	1.27	1.31	1.35	1.34	1.37	1.41	1.46	1.42	1.46	1.50	1.55	1.50	1.53	1.59	1.64	1.56	1.60	1.65	1.71	1.62	1.66	1.71	1.77		
Amps	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.4	6.5	6.7	6.9	6.8	6.9	7.1	7.4	7.2	7.3	7.5	7.8	7.5	7.7	8.0	8.2		
Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	375	356	384	405	422	394	424	447	467		
Lo PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	147	156	132	141	154	164	137	145	159	169		
MBh	15.8	16.2	17.3	18.5	15.4	15.8	16.9	18.0	15.1	15.4	16.5	17.6	14.7	15.0	16.1	17.2	14.0	14.3	15.3	16.3	12.9	13.2	14.1	15.1		
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56		
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	1.21	1.23	1.27	1.32	1.30	1.33	1.38	1.42	1.39	1.42	1.47	1.51	1.46	1.49	1.54	1.60	1.52	1.56	1.61	1.67	1.58	1.61	1.67	1.73		
Amps	5.4	5.5	5.7	5.8	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.6	6.7	6.9	7.2	7.0	7.1	7.3	7.6	7.4	7.5	7.7	8.0		
Hi PR	211	228	240	251	237	255	270	281	270	290	307	320	307	331	349	364	346	372	393	410	382	411	434	453		
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		

85	675	MBh	17.96	18.30	19.17	20.45	17.54	17.88	18.72	19.98	17.12	17.45	18.28	19.50	16.70	17.03	17.83	19.02	15.87	16.18	16.94	18.07	14.70	14.98	15.69	16.74
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	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	0.97	0.79
	ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	22	22	22	19	20	20	21	18	
	kW	1.26	1.29	1.33	1.37	1.36	1.39	1.44	1.48	1.45	1.48	1.53	1.58	1.53	1.56	1.61	1.67	1.59	1.63	1.68	1.74	1.65	1.69	1.74	1.80	
	Amps	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.0	6.9	7.0	7.2	7.5	7.3	7.4	7.7	7.9	7.7	7.8	8.1	8.4	
	Hi PR	222	239	253	264	249	268	284	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476	
	Lo PR	112	119	130	138	118	125	137	146	122	130	142	152	129	137	149	159	135	143	157	167	139	148	162	173	
	MBh	17.4	17.8	18.6	19.9	17.0	17.4	18.2	19.4	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.5	15.4	15.7	16.4	17.5	14.3	14.5	15.2	16.3	
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19	
kW	1.25	1.28	1.32	1.36	1.35	1.38	1.42	1.47	1.44	1.47	1.52	1.57	1.51	1.55	1.60	1.65	1.58	1.61	1.67	1.73	1.63	1.67	1.73	1.79		
Amps	5.6	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	6.8	7.0	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.0	8.3		
Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	387	409	427	398	428	452	471		
Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171		
MBh	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.4	17.5	15.0	15.3	16.0	17.0	14.2	14.5	15.2	16.2	13.2	13.4	14.1	15.0		
S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72		
ΔT	25	25	23	20	25	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19		
kW	1.22	1.24	1.28	1.33	1.31	1.34	1.39	1.43	1.40	1.43	1.48	1.53	1.47	1.51	1.56	1.61	1.54	1.57	1.63	1.68	1.59	1.63	1.68	1.74		
Amps	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.8	6.6	6.8	7.0	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1		
Hi PR	214	230	243	253	240	258	272	284	273	293	310	323	310	334	353	368	349	376	397	414	386	415	438	457		
Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166		

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

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4324AA* / WAHMS1824P4A**

IDB		Outdoor Ambient Temperature																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
		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	59	63	67	71
923		MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-			
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-			
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-			
70		kW	1.64	1.67	1.73	-	1.76	1.80	1.86	-	1.87	1.91	1.97	-	1.97	2.01	2.07	-	2.05	2.09	2.16	-	2.12	2.16	2.23	-			
		Amps	6.0	6.1	6.3	-	6.5	6.6	6.9	-	7.0	7.2	7.5	-	7.5	7.7	8.0	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-			
		Hi PR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-			
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-			
820		MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-			
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-			
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-			
		kW	1.63	1.66	1.71	-	1.75	1.79	1.84	-	1.86	1.90	1.96	-	1.95	1.99	2.06	-	2.03	2.07	2.14	-	2.10	2.15	2.22	-			
		Amps	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.5	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-			
		Hi PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-			
		Lo PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-			
718		MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-			
		S/T	0.68	0.57	0.39	-	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	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-			
		kW	1.59	1.62	1.67	-	1.71	1.74	1.80	-	1.81	1.85	1.91	-	1.90	1.94	2.01	-	1.98	2.02	2.09	-	2.05	2.09	2.16	-			
		Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	7.0	7.2	-	7.3	7.4	7.7	-	7.7	7.9	8.2	-	8.2	8.4	8.7	-			
		Hi PR	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-			
		Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-			
923		MBh	22.92	23.60	25.54	27.41	22.39	23.05	24.95	26.78	21.85	22.50	24.36	26.14	21.32	21.95	23.76	25.50	20.25	20.85	22.57	24.23	18.76	19.32	20.91	22.44			
		S/T	0.84	0.75	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	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42			
		ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9			
75		kW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.02	2.09	2.16	2.06	2.11	2.18	2.25	2.13	2.18	2.25	2.33			
		Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4			
		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	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165			
820		MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8			
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40			
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10			
		kW	1.64	1.67	1.73	1.78	1.76	1.80	1.86	1.92	1.87	1.91	1.97	2.03	1.97	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.31			
		Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3			
		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	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163			
718		MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.6	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1			
		S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	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	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10			
		kW	1.60	1.64	1.69	1.74	1.72	1.76	1.81	1.87	1.83	1.86	1.92	1.99	1.92	1.96	2.02	2.09	2.00	2.04	2.11	2.17	2.06	2.11	2.18	2.25			
		Amps	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.9	7.0	7.3	7.5	7.3	7.5	7.8	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1			
		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	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159			

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
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)
 Amps = indoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WGHP4324AA* / WAHMS1824P4A** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
923	MBh	23.33	23.84	25.47	27.22	22.79	23.28	24.87	26.59	22.24	22.73	24.28	25.96	21.70	22.17	23.69	25.32	20.62	21.07	22.51	24.06	19.10	19.51	20.85	22.29
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	19	17	13
	kW	1.67	1.70	1.75	1.81	1.79	1.83	1.89	1.95	1.90	1.94	2.00	2.07	2.00	2.04	2.11	2.18	2.08	2.13	2.20	2.27	2.15	2.20	2.27	2.35
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
	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	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	18	14
820	kW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.03	2.09	2.16	2.06	2.11	2.18	2.25	2.13	2.18	2.25	2.33
	Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
	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	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165
	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14
	kW	1.62	1.65	1.70	1.75	1.74	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.98	2.04	2.11	2.01	2.06	2.12	2.19	2.08	2.13	2.20	2.27
	Amps	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.7	8.3	8.5	8.8	9.2
	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	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	
923	MBh	23.74	24.19	25.34	27.03	23.18	23.63	24.75	26.40	22.63	23.07	24.16	25.78	22.08	22.51	23.57	25.15	20.98	21.38	22.39	23.89	19.43	19.81	20.74	22.13
	S/T	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
	ΔT	23	23	21	18	23	23	22	19	23	23	22	19	22	22	22	19	21	21	21	19	19	20	20	17
	kW	1.68	1.71	1.77	1.82	1.81	1.84	1.90	1.96	1.92	1.96	2.02	2.09	2.01	2.06	2.12	2.19	2.10	2.14	2.21	2.29	2.17	2.22	2.29	2.37
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.2	7.4	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.1	8.7	9.0	9.3	9.6
	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	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
	ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	23	23	22	19	21	22	21	18
820	kW	1.67	1.70	1.75	1.81	1.79	1.83	1.89	1.95	1.90	1.94	2.00	2.07	2.00	2.04	2.11	2.18	2.08	2.13	2.20	2.27	2.15	2.20	2.27	2.35
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
	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	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.91	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
	kW	1.63	1.66	1.71	1.77	1.75	1.79	1.84	1.90	1.86	1.89	1.95	2.02	1.95	1.99	2.06	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.29
	Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3
	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	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW= Total system power
 Shaded area reflects ARI Rating conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4330AA* / WAHMS3030P4A**

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				
1118	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	-	24.2	25.1	27.5	-	22.4	23.3	25.5	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	DT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	2.03	2.07	2.13	-	2.18	2.22	2.29	-	2.31	2.36	2.43	-	2.42	2.47	2.55	-	2.52	2.58	2.66	-	2.52	2.58	2.66	-	2.61	2.66	2.75	-
	Amps	7.3	7.5	7.7	-	7.9	8.1	8.3	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	9.8	10.0	10.3	-	10.3	10.6	11.0	-
	HiPR	228	246	259	-	256	276	291	-	291	313	331	-	332	357	377	-	373	402	424	-	412	444	469	-	412	444	469	-
	LoPR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-
	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	DT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	18	15	12	-	17	14	11	-
	kW	2.02	2.06	2.12	-	2.17	2.21	2.28	-	2.30	2.34	2.42	-	2.41	2.46	2.54	-	2.51	2.56	2.64	-	2.51	2.56	2.64	-	2.59	2.65	2.73	-
	Amps	7.2	7.4	7.7	-	7.8	8.0	8.3	-	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.7	9.9	10.3	-	9.7	9.9	10.3	-	10.3	10.5	10.9	-
HiPR	227	244	258	-	254	274	289	-	289	311	329	-	329	355	374	-	371	399	421	-	409	441	465	-	409	441	465	-	
LoPR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	132	140	153	-	
MBh	25.7	26.6	29.1	-	25.1	26.0	28.5	-	24.5	25.4	27.8	-	23.9	24.7	27.1	-	22.7	23.5	25.8	-	22.7	23.5	25.8	-	21.0	21.8	23.9	-	
S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-	
DT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
kW	1.99	2.03	2.09	-	2.13	2.18	2.24	-	2.26	2.31	2.38	-	2.37	2.42	2.50	-	2.47	2.52	2.60	-	2.47	2.52	2.60	-	2.55	2.60	2.69	-	
Amps	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.3	8.6	8.8	-	8.9	9.1	9.5	-	9.5	9.7	10.1	-	9.5	9.7	10.1	-	10.1	10.3	10.7	-	
HiPR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	413	-	363	391	413	-	401	432	456	-	
LoPR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	125	133	145	-	129	137	150	-	
MBh	27.89	28.71	31.08	33.36	27.24	28.05	30.36	32.58	26.59	27.38	29.64	31.81	25.94	26.71	28.91	31.03	24.65	25.38	27.47	29.48	24.65	25.38	27.47	29.48	22.83	23.51	25.44	27.31	
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	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	
DT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	19	18	15	10	18	17	14	9	
kW	2.05	2.09	2.15	2.22	2.20	2.24	2.31	2.38	2.33	2.38	2.45	2.53	2.44	2.49	2.57	2.66	2.54	2.60	2.68	2.77	2.54	2.60	2.68	2.77	2.63	2.68	2.77	2.86	
Amps	7.3	7.5	7.8	8.1	7.9	8.1	8.4	8.7	8.6	8.9	9.2	9.5	9.2	9.5	9.8	10.2	9.8	10.1	10.4	10.8	9.8	10.1	10.4	10.8	10.4	10.7	11.1	11.5	
HiPR	231	248	262	273	259	278	294	307	294	317	334	349	335	361	381	397	377	406	428	447	377	406	428	447	417	448	473	494	
LoPR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	130	138	150	160	134	143	156	166	
MBh	27.5	28.3	30.6	32.9	26.8	27.6	29.9	32.1	26.2	27.0	29.2	31.3	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.0	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9	
S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40	
DT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	20	19	15	11	19	18	14	10	
kW	2.03	2.08	2.14	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.44	2.51	2.43	2.48	2.56	2.64	2.53	2.58	2.66	2.75	2.53	2.58	2.66	2.75	2.61	2.67	2.75	2.84	
Amps	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.1	9.8	10.0	10.4	10.8	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.4	
HiPR	229	246	260	271	257	276	292	305	292	314	332	346	333	358	378	394	374	403	425	444	374	403	425	444	414	445	470	490	
LoPR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	129	137	149	159	133	142	155	165	
MBh	26.1	26.9	29.1	31.2	25.5	26.3	28.4	30.5	24.9	25.6	27.7	29.8	24.3	25.0	27.1	29.0	23.1	23.8	25.7	27.6	23.1	23.8	25.7	27.6	21.4	22.0	23.8	25.6	
S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.39	
DT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	21	19	16	11	20	18	15	10	
kW	2.00	2.04	2.11	2.17	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.47	2.39	2.44	2.52	2.60	2.49	2.54	2.62	2.71	2.49	2.54	2.62	2.71	2.57	2.63	2.71	2.80	
Amps	7.2	7.3	7.6	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.9	9.3	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.6	9.6	9.8	10.2	10.6	10.2	10.4	10.8	11.2	
HiPR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	371	387	367	395	417	435	367	395	417	435	405	436	461	481	
LoPR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	146	156	126	134	146	156	130	139	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)
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — WGHP4330AA* / WAHMS3030P4A** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		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
	MBh	28.38	29.00	30.99	33.13	37.72	28.33	30.27	32.36	27.06	27.66	29.55	31.59	26.40	26.98	28.83	30.81	25.08	25.63	27.38	29.27	23.24	23.74	25.37	27.12						
	S/T	0.92	0.86	0.70	0.53	0.96	0.90	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	1.00	0.81	0.60						
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	20	17	13						
	kW	2.06	2.10	2.17	2.23	2.21	2.26	2.33	2.40	2.35	2.39	2.47	2.55	2.46	2.52	2.59	2.68	2.56	2.62	2.70	2.79	2.65	2.71	2.79	2.88						
	Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.2	11.6						
	HiPR	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	451	421	453	478	499						
	LoPR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167						
	MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7						
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58						
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14						
80	kW	2.05	2.09	2.15	2.22	2.20	2.25	2.31	2.39	2.33	2.38	2.46	2.53	2.45	2.50	2.58	2.66	2.55	2.60	2.69	2.77	2.63	2.69	2.78	2.87						
	Amps	7.4	7.5	7.8	8.1	8.0	8.2	8.4	8.8	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.2	9.9	10.1	10.5	10.9	10.5	10.7	11.1	11.5						
	HiPR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	398	378	407	430	448	418	450	475	495						
	LoPR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166						
	MBh	26.6	27.1	29.0	31.0	25.9	26.5	28.3	30.3	25.3	25.9	27.7	29.6	24.7	25.3	27.0	28.8	23.5	24.0	25.6	27.4	21.7	22.2	23.7	25.4						
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55						
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15						
	kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.73	2.59	2.65	2.73	2.82						
	Amps	7.2	7.4	7.7	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.7	10.3	10.5	10.9	11.3						
	HiPR	227	244	258	269	254	274	289	301	289	311	329	343	329	355	374	390	371	399	421	439	409	441	465	485						
	LoPR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	135	148	158	132	140	153	163						
	MBh	28.88	29.44	30.83	32.89	28.21	28.76	30.12	32.13	27.54	28.07	29.40	31.36	26.87	27.39	28.68	30.60	25.52	26.02	27.25	29.07	23.64	24.10	25.24	26.93						
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78						
	ΔT	23	23	21	18	23	23	22	19	23	23	22	19	22	23	22	19	21	21	21	19	19	20	20	17						
	kW	2.08	2.12	2.18	2.25	2.23	2.28	2.35	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.70	2.58	2.64	2.72	2.81	2.67	2.73	2.82	2.91						
	Amps	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.4	10.0	10.3	10.6	11.0	10.6	10.9	11.3	11.7						
	HiPR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	504						
	LoPR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169						
	MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.1	25.1	25.6	26.8	28.6	23.3	23.7	24.9	26.5						
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75						
	ΔT	24	24	23	19	25	24	23	20	25	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18						
	kW	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.41	2.35	2.40	2.47	2.55	2.47	2.52	2.60	2.68	2.57	2.62	2.71	2.80	2.66	2.71	2.80	2.89						
	Amps	7.4	7.6	7.9	8.2	8.0	8.2	8.5	8.8	8.7	9.0	9.3	9.6	9.4	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.6	10.8	11.2	11.6						
	HiPR	234	251	265	277	262	282	298	311	298	321	339	353	340	365	386	402	382	411	434	453	422	454	480	500						
	LoPR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168						
	MBh	27.0	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4	25.1	25.6	26.8	28.6	23.9	24.4	25.5	27.2	22.1	22.6	23.6	25.2						
	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	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72						
	ΔT	25	25	23	20	25	25	23	20	25	25	24	20	25	25	24	20	25	25	23	20	23	23	22	19						
	kW	2.03	2.08	2.14	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.44	2.51	2.43	2.48	2.56	2.64	2.53	2.58	2.66	2.75	2.61	2.67	2.75	2.84						
	Amps	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.2	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.4						
	HiPR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490						
	LoPR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165						

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 ARI Rating conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4336AA* / WAHMS3642P4A**

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	33.8	35.0	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.4	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	DT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
	kW	2.48	2.53	2.61	-	2.67	2.72	2.81	-	2.83	2.89	2.99	-	2.98	3.05	3.15	-	3.11	3.17	3.28	-	3.21	3.28	3.39	-
	Amps	9.1	9.3	9.6	-	9.9	10.1	10.4	-	10.7	11.0	11.3	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.3	13.7	-
	HiPR	231	249	263	-	259	279	295	-	295	318	335	-	336	362	382	-	378	407	430	-	418	450	475	-
	LoPR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-
	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	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	DT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
	kW	2.46	2.52	2.59	-	2.65	2.71	2.79	-	2.82	2.88	2.97	-	2.96	3.03	3.13	-	3.09	3.16	3.26	-	3.19	3.27	3.37	-
	Amps	9.1	9.3	9.6	-	9.8	10.0	10.4	-	10.7	10.9	11.3	-	11.4	11.7	12.1	-	12.1	12.4	12.8	-	12.9	13.2	13.6	-
HiPR	230	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	427	-	415	446	471	-	
LoPR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-	
MBh	31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-	
S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
DT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	16	14	11	-	
kW	2.43	2.48	2.55	-	2.61	2.66	2.75	-	2.77	2.83	2.92	-	2.91	2.98	3.08	-	3.04	3.10	3.20	-	3.14	3.21	3.32	-	
Amps	8.9	9.1	9.4	-	9.6	9.9	10.2	-	10.5	10.7	11.1	-	11.2	11.5	11.8	-	11.9	12.2	12.6	-	12.6	12.9	13.4	-	
HiPR	225	242	256	-	253	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462	-	
LoPR	103	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	
MBh	34.37	35.39	38.30	41.11	33.57	34.56	37.41	40.15	32.77	33.74	36.52	39.20	31.97	32.92	35.63	38.24	30.37	31.27	33.85	36.33	28.14	28.97	31.36	33.65	
S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42	
DT	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9	
kW	2.50	2.55	2.63	2.71	2.69	2.75	2.83	2.93	2.86	2.92	3.01	3.11	3.01	3.07	3.17	3.28	3.13	3.20	3.31	3.42	3.24	3.31	3.42	3.54	
Amps	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.1	13.6	13.1	13.4	13.8	14.4	
HiPR	234	251	265	277	262	282	298	311	298	321	339	353	340	365	386	402	382	411	434	453	422	454	480	500	
LoPR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
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	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
DT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	
kW	2.48	2.54	2.62	2.70	2.67	2.73	2.82	2.91	2.84	2.90	3.00	3.09	2.99	3.05	3.15	3.26	3.11	3.18	3.29	3.40	3.22	3.29	3.40	3.52	
Amps	9.1	9.4	9.7	10.0	9.9	10.1	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.2	12.6	12.2	12.5	13.0	13.5	13.0	13.3	13.7	14.3	
HiPR	232	250	264	275	260	280	296	308	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	
LoPR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163	
MBh	32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.81	33.3	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.3	31.5	
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	0.59	0.38	0.89	0.79	0.60	0.39	
DT	20	19	15	11	21	19	15	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10	
kW	2.45	2.50	2.57	2.66	2.63	2.69	2.77	2.86	2.79	2.85	2.95	3.04	2.94	3.00	3.10	3.20	3.06	3.13	3.23	3.34	3.17	3.24	3.35	3.46	
Amps	9.0	9.2	9.5	9.9	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.6	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.5	14.0	
HiPR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	441	411	442	467	487	
LoPR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	

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)
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — WGHP4336AA* / WAHMS3642P4A** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		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
	MBh	34.98	35.75	38.19	40.82	34.17	34.91	37.30	39.88	33.35	34.08	36.41	38.93	32.54	33.25	35.53	37.98	30.91	31.59	33.75	36.08	28.64	29.26	31.26	33.42						
	S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60						
	ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	20	20	17	14	18	19	16	13						
	kW	2.52	2.57	2.65	2.74	2.71	2.77	2.86	2.95	2.88	2.94	3.04	3.14	3.03	3.10	3.20	3.31	3.16	3.23	3.33	3.45	3.27	3.34	3.45	3.57						
1425	Amps	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5						
	HiPR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505						
	LoPR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166						
	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	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58						
	ΔT	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	20	20	17	14						
80	kW	2.50	2.56	2.64	2.72	2.70	2.75	2.84	2.93	2.86	2.93	3.02	3.12	3.01	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55						
	Amps	9.2	9.5	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.1	11.5	11.9	11.6	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4						
	HiPR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502						
	LoPR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165						
	MBh	32.7	33.5	35.7	38.2	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	30.5	31.1	33.3	35.5	28.9	29.6	31.6	33.8	26.8	27.4	29.3	31.3						
	S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55						
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14						
1125	kW	2.46	2.52	2.59	2.68	2.65	2.71	2.79	2.89	2.82	2.88	2.97	3.07	2.96	3.03	3.13	3.23	3.09	3.16	3.26	3.37	3.19	3.27	3.37	3.49						
	Amps	9.1	9.3	9.6	9.9	9.8	10.0	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.1	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.6	14.1						
	HiPR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	375	404	427	445	415	446	471	492						
	LoPR	105	111	122	129	111	118	128	137	115	122	133	142	121	128	140	149	126	135	147	156	131	139	152	162						
	MBh	35.59	36.28	38.00	40.54	34.76	35.44	37.11	39.60	33.94	34.59	36.23	38.65	33.11	33.75	35.35	37.71	31.45	32.06	33.58	35.82	29.14	29.70	31.11	33.19						
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78						
	ΔT	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	19	17						
1425	kW	2.54	2.59	2.67	2.76	2.73	2.79	2.88	2.97	2.90	2.97	3.06	3.16	3.06	3.12	3.23	3.33	3.18	3.26	3.36	3.48	3.30	3.37	3.48	3.60						
	Amps	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6						
	HiPR	238	256	271	282	267	288	304	317	304	327	346	360	346	373	394	411	390	419	443	462	431	463	489	510						
	LoPR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168						
	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	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	22	23	22	19	21	21	20	18						
1275	kW	2.52	2.58	2.66	2.74	2.72	2.78	2.86	2.96	2.89	2.95	3.05	3.15	3.04	3.10	3.21	3.31	3.17	3.24	3.34	3.46	3.28	3.35	3.46	3.58						
	Amps	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.2	11.6	12.0	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.5	14.0	14.5						
	HiPR	237	255	269	280	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507						
	LoPR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167						
	MBh	33.3	34.0	35.6	37.9	32.5	33.2	34.7	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.3	29.4	30.0	31.4	33.5	27.3	27.8	29.1	31.1						
	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	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72						
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	24	24	23	20	22	22	21	18						
85	kW	2.48	2.54	2.62	2.70	2.67	2.73	2.82	2.91	2.84	2.90	3.00	3.09	2.99	3.05	3.15	3.26	3.11	3.18	3.29	3.40	3.22	3.29	3.40	3.52						
	Amps	9.1	9.4	9.7	10.0	9.9	10.1	10.5	10.9	10.7	11.0	11.4	11.8	11.5	11.8	12.2	12.6	12.2	12.5	13.0	13.5	13.0	13.3	13.7	14.3						
	HiPR	232	250	264	275	260	280	296	308	296	318	336	351	337	363	383	400	379	408	431	449	419	451	476	497						
	LoPR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	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
 ΔT=Temperature difference between liquid and suction service valves.
 Shaded area reflects ARI Rating conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4342AA* / WAHMS3642P4A**

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					
		Entering Indoor Wet Bulb Temperature																												
		MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	17	15	11	-	16	14	11	-
	1575	kW	2.89	2.95	3.04	-	3.10	3.17	3.27	-	3.29	3.36	3.47	-	3.46	3.54	3.65	-	3.60	3.68	3.80	-	3.60	3.68	3.80	-	3.73	3.81	3.93	-
		Amps	11.0	11.3	11.7	-	11.9	12.2	12.7	-	13.0	13.3	13.8	-	13.9	14.3	14.8	-	14.9	15.2	15.8	-	14.9	15.2	15.8	-	15.8	16.2	16.7	-
		Hi/PR	242	260	274	-	271	292	308	-	308	332	350	-	351	378	399	-	395	425	449	-	395	425	449	-	436	470	496	-
		Lo/PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	129	137	149	-	133	142	155	-
		MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	70	kW	2.87	2.93	3.02	-	3.08	3.14	3.24	-	3.27	3.34	3.44	-	3.43	3.51	3.62	-	3.57	3.65	3.77	-	3.57	3.65	3.77	-	3.70	3.78	3.90	-
		Amps	10.9	11.2	11.6	-	11.8	12.1	12.5	-	12.9	13.2	13.7	-	13.8	14.2	14.6	-	14.7	15.1	15.6	-	14.7	15.1	15.6	-	15.6	16.0	16.6	-
		Hi/PR	239	257	272	-	268	289	305	-	305	328	347	-	348	374	395	-	391	421	444	-	391	421	444	-	432	465	491	-
		Lo/PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	127	135	148	-	132	140	153	-
		MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-
		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	-	0.78	0.66	0.45	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	1225	kW	2.80	2.86	2.94	-	3.01	3.07	3.17	-	3.19	3.26	3.36	-	3.35	3.42	3.53	-	3.49	3.56	3.68	-	3.49	3.56	3.68	-	3.61	3.68	3.80	-
		Amps	10.6	10.9	11.2	-	11.5	11.8	12.2	-	12.5	12.8	13.3	-	13.4	13.8	14.2	-	14.3	14.7	15.2	-	14.3	14.7	15.2	-	15.2	15.6	16.1	-
		Hi/PR	232	250	264	-	260	280	296	-	296	319	336	-	337	363	383	-	379	408	431	-	379	408	431	-	419	451	476	-
		Lo/PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	124	131	143	-	128	136	148	-
		MBh	40.36	41.55	44.98	48.27	39.42	40.59	43.93	47.15	38.48	39.62	42.89	46.03	37.54	38.65	41.84	44.91	35.67	36.72	39.75	42.66	33.04	34.02	36.82	39.52				
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42				
		ΔT	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	20	18	15	10				
	1575	kW	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39	3.50	3.61	3.49	3.57	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10				
		Amps	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.1	13.5	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6				
		Hi/PR	244	263	277	289	274	295	311	324	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	522				
		Lo/PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166				
		MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4				
		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	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40				
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	10				
	1400	kW	2.89	2.95	3.04	3.13	3.10	3.17	3.27	3.37	3.29	3.36	3.47	3.58	3.46	3.54	3.65	3.77	3.60	3.68	3.80	3.93	3.73	3.81	3.93	4.06				
		Amps	11.0	11.3	11.7	12.1	11.9	12.2	12.7	13.2	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4				
		Hi/PR	242	260	274	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	470	496	517				
		Lo/PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165				
		MBh	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.64	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4				
		S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39				
		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				
	1225	kW	2.82	2.88	2.97	3.06	3.03	3.09	3.19	3.29	3.22	3.28	3.39	3.50	3.38	3.45	3.56	3.68	3.52	3.59	3.71	3.83	3.64	3.71	3.84	3.96				
		Amps	10.7	11.0	11.4	11.8	11.6	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.9	14.4	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.3	16.9				
		Hi/PR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502				
		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
 High and low pressures are measured at the liquid and suction service valves.
 kW=Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)
 Amps = indoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WGHP4342AA* / WAHMS3642P4A** (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°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				
	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	22	21	19	15	22	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13
	Amps	11.2	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.7	15.2	15.5	16.1	16.7	16.1	16.5	17.1	17.7
	Hi PR	246	265	280	292	277	298	314	328	314	338	357	373	358	385	407	425	403	434	458	478	445	479	506	528
	Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1
	S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	21	21	18	14
80	kW	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39	3.50	3.61	3.49	3.57	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10
	Amps	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.1	13.5	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6
	Hi PR	244	263	277	289	274	295	311	324	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	522
	Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2
	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
	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	2.84	2.90	2.99	3.08	3.06	3.12	3.22	3.32	3.24	3.31	3.41	3.52	3.41	3.48	3.59	3.71	3.55	3.62	3.74	3.86	3.67	3.75	3.87	3.99
	Amps	10.8	11.1	11.5	11.9	11.7	12.0	12.4	12.9	12.8	13.1	13.5	14.1	13.7	14.0	14.5	15.1	14.6	15.0	15.5	16.1	15.5	15.9	16.4	17.1
	Hi PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507
	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
	MBh	41.79	42.60	44.62	47.60	40.82	41.61	43.58	46.50	39.85	40.62	42.54	45.39	38.88	39.63	41.51	44.28	36.93	37.65	39.43	42.07	34.21	34.88	36.53	38.97
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	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	0.97	0.79
	ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	22	19	22	22	22	19	20	20	21	18
	kW	2.96	3.02	3.11	3.21	3.18	3.25	3.35	3.45	3.37	3.45	3.56	3.67	3.55	3.62	3.74	3.86	3.69	3.77	3.90	4.03	3.82	3.90	4.03	4.17
	Amps	11.3	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.8	14.3	14.7	15.2	15.8	15.3	15.7	16.2	16.9	16.2	16.7	17.2	17.9
	Hi PR	249	268	283	295	279	301	317	331	318	342	361	376	362	389	411	429	407	438	462	482	450	484	511	533
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	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	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13
	Amps	11.2	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.7	15.2	15.5	16.1	16.7	16.1	16.5	17.1	17.7
	Hi PR	246	265	280	292	277	298	314	328	314	338	357	373	358	385	407	425	403	434	458	478	445	479	506	528
	Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	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	2.87	2.93	3.01	3.11	3.08	3.14	3.24	3.34	3.27	3.34	3.44	3.55	3.43	3.51	3.62	3.74	3.57	3.65	3.77	3.89	3.70	3.78	3.90	4.03
	Amps	10.9	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.7	14.2	13.8	14.2	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.6	17.2
	Hi PR	239	257	272	283	268	289	305	318	305	328	347	362	347	374	395	412	391	421	444	463	432	465	491	512
	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ARI Rating conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)
 kW=Total system power

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4348A* / WAHMS4860P4A**

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
1688	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
	DT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	3.29	3.35	3.46	-	3.53	3.60	3.71	-	3.74	3.82	3.94	-	3.93	4.02	4.15	-	4.09	4.18	4.32	-	4.23	4.32	4.47	-
	Amps	11.9	12.1	12.6	-	12.8	13.2	13.6	-	14.0	14.3	14.8	-	15.0	15.4	15.9	-	16.0	16.4	16.9	-	16.9	17.4	18.0	-
	Hi PR	235	253	267	-	264	284	300	-	300	323	341	-	341	367	388	-	384	413	437	-	424	457	482	-
	Lo PR	109	116	127	-	116	123	134	-	120	128	139	-	126	134	146	-	132	141	154	-	137	145	159	-
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	DT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	3.26	3.33	3.43	-	3.50	3.58	3.69	-	3.71	3.79	3.91	-	3.90	3.99	4.11	-	4.06	4.15	4.28	-	4.20	4.29	4.43	-
	Amps	11.7	12.0	12.4	-	12.7	13.0	13.5	-	13.9	14.2	14.7	-	14.8	15.2	15.7	-	15.8	16.2	16.8	-	16.8	17.2	17.8	-
Hi PR	233	250	264	-	261	281	297	-	297	319	337	-	338	364	384	-	380	409	432	-	420	452	478	-	
Lo PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	
MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
DT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
kW	3.19	3.25	3.35	-	3.42	3.49	3.60	-	3.63	3.70	3.82	-	3.81	3.89	4.01	-	3.96	4.05	4.18	-	4.10	4.18	4.32	-	
Amps	11.4	11.7	12.1	-	12.4	12.7	13.1	-	13.5	13.8	14.3	-	14.4	14.8	15.3	-	15.4	15.8	16.3	-	16.3	16.7	17.3	-	
Hi PR	226	243	256	-	253	272	288	-	288	310	327	-	328	353	373	-	369	397	419	-	408	439	463	-	
Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	153	-	
MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88	
S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	
DT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10	
kW	3.31	3.38	3.48	3.59	3.56	3.63	3.74	3.86	3.77	3.85	3.98	4.10	3.97	4.05	4.18	4.32	4.13	4.22	4.35	4.50	4.27	4.36	4.50	4.65	
Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.3	14.1	14.5	15.0	15.6	15.1	15.5	16.0	16.7	16.1	16.5	17.1	17.8	17.1	17.5	18.2	18.9	
Hi PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	461	487	508	
Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171	
MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	
S/T	0.82	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	0.40	0.94	0.84	0.63	0.41	
DT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
kW	3.29	3.35	3.46	3.56	3.53	3.60	3.72	3.83	3.74	3.82	3.94	4.07	3.93	4.02	4.15	4.28	4.09	4.18	4.32	4.46	4.23	4.33	4.47	4.61	
Amps	11.9	12.1	12.6	13.0	12.8	13.2	13.6	14.1	14.0	14.3	14.8	15.4	15.0	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	18.0	18.7	
Hi PR	235	253	267	278	264	284	300	312	300	323	341	355	342	368	388	405	384	413	437	455	424	457	482	503	
Lo PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	147	156	132	141	154	164	137	145	159	169	
MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.34	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
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	
DT	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	3.21	3.28	3.38	3.48	3.45	3.52	3.63	3.74	3.66	3.73	3.85	3.97	3.84	3.92	4.05	4.18	4.00	4.08	4.21	4.35	4.13	4.22	4.36	4.50	
Amps	11.5	11.8	12.2	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	15.0	14.6	14.9	15.4	16.0	15.5	15.9	16.5	17.1	16.5	16.9	17.5	18.1	
Hi PR	228	245	259	270	256	275	291	303	291	313	331	345	331	356	376	393	373	401	423	442	412	443	468	488	
Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW=Total system power
 Shaded area reflects ACCA (TVA) conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)
 Amps = indoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WGHP4348A* / WAHMS4860P4A** (CONT.)

IDB	Outdoor Ambient Temperature																								
	65°F				75°F				85°F				95°F				105°F				115°F				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1688	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	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	0.82	0.62
	ΔT	24	23	20	16	25	23	20	16	24	23	20	16	24	23	20	16	22	23	20	16	21	21	19	15
	kW	3.34	3.41	3.51	3.62	3.59	3.66	3.77	3.89	3.80	3.89	4.01	4.14	4.00	4.08	4.21	4.35	4.16	4.25	4.39	4.53	4.30	4.40	4.54	4.69
	Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0
	Hi PR	240	258	272	284	269	289	306	319	306	329	348	363	348	375	396	413	392	422	445	465	433	466	492	513
	Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	149	159	135	143	157	167	140	148	162	173
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	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	3.31	3.38	3.48	3.59	3.56	3.63	3.74	3.86	3.77	3.85	3.98	4.10	3.97	4.05	4.18	4.32	4.13	4.22	4.35	4.50	4.27	4.36	4.50	4.65
	Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.3	14.1	14.5	15.0	15.6	15.1	15.5	16.0	16.7	16.1	16.5	17.1	17.8	17.1	17.5	18.2	18.9
Hi PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	461	487	508	
Lo PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171	
MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	
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	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16	
kW	3.24	3.30	3.40	3.51	3.47	3.55	3.66	3.77	3.68	3.76	3.88	4.00	3.87	3.95	4.08	4.21	4.03	4.11	4.25	4.38	4.16	4.25	4.39	4.54	
Amps	11.6	11.9	12.3	12.8	12.6	12.9	13.4	13.9	13.7	14.1	14.6	15.1	14.7	15.1	15.6	16.2	15.7	16.1	16.6	17.3	16.6	17.0	17.6	18.3	
Hi PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	376	405	428	446	416	448	473	493	
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	
MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26	
S/T	0.98	0.95	0.86	0.70	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	0.98	0.79	1.00	1.00	0.98	0.80	
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	3.36	3.43	3.54	3.65	3.61	3.69	3.80	3.93	3.83	3.92	4.04	4.17	4.03	4.12	4.25	4.39	4.20	4.29	4.43	4.57	4.34	4.43	4.58	4.73	
Amps	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.4	14.8	15.3	15.9	15.4	15.8	16.3	17.0	16.4	16.9	17.4	18.1	17.4	17.9	18.5	19.2	
Hi PR	242	261	275	287	272	292	309	322	309	332	351	366	352	379	400	417	396	426	450	469	437	471	497	518	
Lo PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174	
MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0	
S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
ΔT	27	26	25	21	27	26	25	22	27	26	25	22	26	27	25	22	25	25	25	21	23	24	23	20	
kW	3.34	3.41	3.51	3.62	3.59	3.66	3.77	3.89	3.80	3.89	4.01	4.14	4.00	4.08	4.21	4.35	4.16	4.25	4.39	4.53	4.30	4.40	4.54	4.69	
Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0	
Hi PR	240	258	272	284	269	289	306	319	306	329	348	363	348	375	396	413	392	422	445	465	433	466	492	513	
Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	149	159	135	143	157	167	140	148	162	173	
MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7	
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	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
ΔT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	26	27	25	22	24	25	24	20	
kW	3.26	3.33	3.43	3.53	3.50	3.57	3.68	3.80	3.71	3.79	3.91	4.04	3.90	3.98	4.11	4.24	4.06	4.15	4.28	4.42	4.20	4.29	4.43	4.57	
Amps	11.7	12.0	12.4	12.9	12.7	13.0	13.5	14.0	13.9	14.2	14.7	15.3	14.8	15.2	15.7	16.3	15.8	16.2	16.8	17.4	16.8	17.2	17.8	18.5	
Hi PR	233	250	264	276	261	281	296	309	297	319	337	352	338	364	384	401	380	409	432	451	420	452	477	498	
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 Temperature
 High and low pressures are measured at the liquid and suction service valves.
 kW=Total system power
 Shaded area reflects ARI Rating conditions
 Design Subcooling 9 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

PRODUCT SPECIFICATIONS

EXPANDED COOLING DATA — WGHP4360AA* / WAHMS4860P4A**

IDB		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
2025	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
	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	4.06	4.14	4.26	-	4.35	4.44	4.58	-	4.61	4.71	4.85	-	4.84	4.94	5.10	-	5.04	5.14	5.31	-	5.20	5.32	5.48	-
	Amps	15.3	15.7	16.2	-	16.6	17.0	17.6	-	18.1	18.5	19.2	-	19.4	19.9	20.6	-	20.7	21.2	21.9	-	22.0	22.5	23.3	-
	HiPR	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-
	LoPR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-
	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	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	-	19	17	13	-	18	16	12	-
	1800	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67
MBh		4.03	4.11	4.23	-	4.32	4.41	4.54	-	4.58	4.67	4.82	-	4.80	4.90	5.06	-	5.00	5.10	5.26	-	5.16	5.27	5.44	-
Amps		15.2	15.5	16.1	-	16.4	16.8	17.4	-	17.9	18.4	19.0	-	19.2	19.7	20.4	-	20.5	21.0	21.7	-	21.8	22.3	23.1	-
HiPR		225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-
LoPR		103	110	120	-	109	116	127	-	113	120	132	-	119	127	138	-	125	133	145	-	129	137	150	-
MBh		50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
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	-	0.77	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	-	18	16	12	-
kW		3.94	4.02	4.14	-	4.22	4.31	4.44	-	4.47	4.56	4.70	-	4.69	4.79	4.94	-	4.88	4.98	5.14	-	5.04	5.15	5.31	-
Amps		14.7	15.1	15.6	-	16.0	16.4	16.9	-	17.4	17.8	18.5	-	18.7	19.1	19.8	-	19.9	20.4	21.1	-	21.1	21.7	22.4	-
HiPR		219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-
LoPR		100	106	116	-	106	112	123	-	110	117	128	-	115	123	134	-	121	129	140	-	125	133	145	-
2025	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
	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	54.40	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62
	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	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	10
	kW	4.09	4.17	4.30	4.43	4.39	4.48	4.61	4.76	4.65	4.75	4.89	5.05	4.88	4.98	5.14	5.30	5.08	5.19	5.35	5.52	5.25	5.36	5.53	5.71
	Amps	15.4	15.8	16.4	17.0	16.7	17.2	17.8	18.5	18.3	18.7	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.5
	HiPR	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	427	446	416	447	472	493
	LoPR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
	S/T	0.79	0.71	0.54	0.35	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	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	kW	4.06	4.14	4.26	4.39	4.35	4.44	4.58	4.72	4.61	4.71	4.85	5.01	4.84	4.94	5.10	5.26	5.04	5.14	5.31	5.48	5.20	5.32	5.49	5.66
Amps	15.3	15.7	16.2	16.8	16.6	17.0	17.6	18.3	18.1	18.6	19.2	19.9	19.4	19.9	20.6	21.4	20.7	21.2	22.0	22.8	22.0	22.5	23.3	24.2	
HiPR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488	
LoPR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161	
MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.75	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
S/T	0.76	0.68	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	0.78	0.59	0.38	
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	
1575	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
	MBh	3.97	4.05	4.17	4.29	4.25	4.34	4.47	4.61	4.51	4.60	4.74	4.89	4.73	4.83	4.98	5.13	4.92	5.02	5.18	5.34	5.08	5.19	5.35	5.52
	Amps	14.9	15.2	15.8	16.4	16.1	16.5	17.1	17.8	17.6	18.0	18.6	19.4	18.8	19.3	20.0	20.8	20.1	20.6	21.3	22.2	21.3	21.9	22.6	23.5
	HiPR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
	LoPR	101	108	117	125	107	114	124	132	111	118	129	137	117	124	135	144	122	130	142	151	126	134	147	156

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
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)
 Amps = indoor unit amps (comp.+fan)

EXPANDED COOLING DATA — WGHP4360AA* / WAHMS4860P4A (CONT.)**

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
80	2025	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23
		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
		DT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	21	22	19	15
		kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.69	4.78	4.93	5.09	4.92	5.02	5.18	5.35	5.12	5.23	5.39	5.57	5.29	5.40	5.58	5.76
		Amps	15.6	16.0	16.5	17.2	16.9	17.3	17.9	18.6	18.4	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7
		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
	1800	Lo/PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164
		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	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		DT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	20	16
		kW	4.09	4.17	4.30	4.43	4.39	4.48	4.61	4.76	4.65	4.75	4.89	5.05	4.88	4.98	5.14	5.30	5.08	5.19	5.35	5.52	5.25	5.36	5.53	5.71
		Amps	15.4	15.8	16.4	17.0	16.8	17.2	17.8	18.5	18.3	18.7	19.4	20.1	19.6	20.1	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.5
1575	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	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	
	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	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.90	0.73	0.54	0.96	0.90	0.73	0.55	
	DT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16	
	kW	4.00	4.08	4.20	4.33	4.29	4.37	4.51	4.65	4.54	4.64	4.78	4.93	4.77	4.87	5.02	5.18	4.96	5.06	5.22	5.39	5.12	5.23	5.40	5.57	
85	2025	Amps	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.7	18.2	18.8	19.6	19.0	19.5	20.2	21.0	20.3	20.8	21.5	22.4	21.5	22.1	22.9	23.8
		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	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
		MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84
		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
		DT	26	25	24	21	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19
	1800	kW	4.15	4.24	4.36	4.50	4.46	4.55	4.69	4.83	4.72	4.82	4.97	5.13	4.96	5.06	5.22	5.39	5.16	5.27	5.44	5.61	5.33	5.45	5.62	5.80
		Amps	15.7	16.1	16.7	17.3	17.1	17.5	18.1	18.8	18.6	19.1	19.7	20.5	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
		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	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	161	134	143	156	166
		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	0.91	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
1575	DT	27	27	25	22	27	26	25	22	27	26	25	22	27	27	25	22	26	26	25	22	24	24	23	20	
	kW	4.12	4.20	4.33	4.46	4.42	4.51	4.65	4.79	4.69	4.78	4.93	5.09	4.92	5.02	5.18	5.35	5.12	5.23	5.39	5.57	5.29	5.40	5.58	5.76	
	Amps	15.6	16.0	16.5	17.2	16.9	17.3	17.9	18.6	18.4	18.9	19.6	20.3	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.3	22.4	23.0	23.8	24.7	
	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	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164	
	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	
1575	S/T	0.88	0.85	0.77	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	0.97	0.87	0.71	1.00	0.97	0.88	0.71	
	DT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	27	27	25	22	25	25	24	20	
	kW	4.03	4.11	4.23	4.36	4.32	4.41	4.54	4.68	4.58	4.67	4.81	4.97	4.80	4.90	5.06	5.22	5.00	5.10	5.26	5.43	5.16	5.27	5.44	5.62	
	Amps	15.1	15.5	16.1	16.7	16.4	16.8	17.4	18.1	17.9	18.4	19.0	19.7	19.2	19.7	20.4	21.2	20.5	21.0	21.7	22.6	21.7	22.3	23.1	24.0	
	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	103	110	120	128	109	116	127	135	113	120	132	141	119	127	138	147	125	133	145	154	129	137	150	159	

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)
 Shaded area reflects ARI Rating conditions
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

PRODUCT SPECIFICATIONS

EXPANDED HEATING DATA

WGHP4318AA* / WAHMS1824P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.4	20.2	19.0	17.8	17.0	16.5	15.3	14.1	12.5	11.5	10.6	10.0	9.6	8.6	7.7	6.7	5.7	4.7
ΔT	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	19.2	17.7	16.3	15.4	14.9	13.3	11.8	10.3	8.8	7.2
KW	1.68	1.65	1.61	1.58	1.6	1.54	1.51	1.47	1.42	1.38	1.35	1.33	1.32	1.28	1.25	1.22	1.18	1.15
Amps	8.7	8.1	7.6	7.2	7.0	6.8	6.5	6.2	5.9	5.7	5.5	5.3	5.3	5.0	4.7	4.5	4.2	3.8
COP	3.72	3.60	3.46	3.30	3.20	3.13	2.97	2.80	2.57	2.43	2.29	2.20	2.14	1.97	1.79	1.60	1.41	1.19
EER	12.7	12.3	11.8	11.3	10.9	10.7	10.1	9.6	8.8	8.3	7.8	7.5	7.3	6.7	6.1	5.5	4.8	4.1

WGHP4324AA* / WAHMS1824P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.9	27.4	25.8	24.1	23.0	22.3	20.7	19.1	16.7	15.4	14.2	13.4	12.9	11.6	10.3	9.0	7.6	6.3
ΔT	32.6	30.9	29.1	27.2	26.0	25.2	23.4	21.6	18.9	17.4	16.0	15.1	14.6	13.1	11.6	10.1	8.6	7.1
KW	2.20	2.15	2.11	2.07	2.04	2.02	1.98	1.94	1.99	1.94	1.90	1.87	1.85	1.81	1.76	1.72	1.67	1.63
Amps	9.6	8.9	8.3	7.8	7.6	7.4	7.0	6.6	6.3	6.0	5.8	5.6	5.5	5.2	4.9	4.6	4.2	3.8
COP	3.85	3.72	3.57	3.41	3.29	3.22	3.05	2.88	2.46	2.32	2.19	2.10	2.04	1.88	1.71	1.53	1.34	1.13
EER	13.2	12.7	12.2	11.6	11.3	11.0	10.4	9.8	8.4	7.9	7.5	7.2	7.0	6.4	5.8	5.2	4.6	3.8

WGHP4330AA* / WAHMS3030P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	33.2	31.4	29.6	27.6	26.4	25.6	23.8	21.9	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	30.7	29.1	27.4	25.6	24.4	23.7	22.0	20.3	18.5	17.0	15.7	14.8	14.3	12.8	11.3	9.9	8.4	6.9
KW	2.52	2.47	2.42	2.37	2.35	2.32	2.28	2.23	2.37	2.32	2.26	2.23	2.21	2.16	2.11	2.05	2.00	1.95
Amps	11.0	10.2	9.5	8.9	8.6	8.4	7.9	7.5	7.2	6.9	6.5	6.4	6.3	6.0	5.6	5.2	4.8	4.3
COP	3.86	3.72	3.57	3.41	3.29	3.22	3.05	2.87	2.46	2.33	2.19	2.10	2.04	1.87	1.70	1.52	1.33	1.12
EER	13.2	12.7	12.2	11.6	11.3	11.0	10.4	9.8	8.4	7.9	7.5	7.2	7.0	6.4	5.8	5.2	4.6	3.8

WGHP4336AA* / WAHMS3642P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	34.0	32.9	30.6	28.2	24.9	23.0	21.2	20.0	19.3	17.3	15.3	13.4	11.4	9.3
ΔT	31.0	29.4	27.7	25.9	24.7	23.9	22.2	20.5	18.1	16.7	15.4	14.5	14.0	12.5	11.1	9.7	8.3	6.8
KW	3.15	3.09	3.03	2.97	2.93	2.90	2.84	2.78	2.83	2.77	2.70	2.66	2.64	2.57	2.51	2.44	2.38	2.31
Amps	14.7	13.6	12.7	12.0	11.5	11.3	10.7	10.1	9.7	9.2	8.8	8.6	8.5	8.0	7.5	7.0	6.5	5.8
COP	3.97	3.83	3.68	3.51	3.39	3.32	3.15	2.97	2.57	2.43	2.29	2.20	2.14	1.97	1.79	1.60	1.40	1.18
EER	13.5	13.1	12.6	12.0	11.6	11.3	10.8	10.1	8.8	8.3	7.8	7.5	7.3	6.7	6.1	5.5	4.8	4.0

kW = Total system power

Amps = Outdoor unit amps (comp.+fan)

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

EXPANDED HEATING DATA (CONT.)

WGHP4342AA* / WAHMS3642P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.3	47.6	44.8	41.9	40.0	38.8	36.0	33.2	29.9	27.6	25.4	24.0	23.1	20.7	18.4	16.0	13.7	11.2
ΔT	33.3	31.5	29.6	27.7	26.5	25.6	23.8	22.0	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
KW	3.71	3.63	3.56	3.49	3.45	3.42	3.35	3.28	3.25	3.17	3.10	3.06	3.03	2.96	2.88	2.81	2.74	2.67
Amps	17.5	16.2	15.1	14.2	13.7	13.4	12.6	11.9	11.4	10.9	10.3	10.1	9.9	9.4	8.7	8.2	7.5	6.7
COP	3.97	3.83	3.68	3.51	3.40	3.32	3.15	2.97	2.70	2.55	2.40	2.30	2.23	2.05	1.87	1.67	1.46	1.23
EER	13.6	13.1	12.6	12.0	11.6	11.3	10.8	10.1	9.2	8.7	8.2	7.8	7.6	7.0	6.4	5.7	5.0	4.2

WGHP4348AA* / WAHMS4860P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	34.1	32.3	30.4	28.4	27.2	26.3	24.4	22.5	20.8	19.2	17.7	16.7	16.1	14.4	12.8	11.1	9.5	7.8
KW	3.95	3.87	3.80	3.72	3.68	3.65	3.58	3.50	3.50	3.42	3.34	3.30	3.27	3.19	3.11	3.04	2.96	2.88
Amps	18.4	17.0	15.9	14.9	14.4	14.1	13.3	12.6	12.0	11.5	10.9	10.6	10.5	9.9	9.2	8.6	8.0	7.1
COP	4.10	3.96	3.80	3.62	3.50	3.42	3.24	3.05	2.82	2.66	2.50	2.40	2.33	2.14	1.94	1.74	1.52	1.28
EER	14.0	13.5	13.0	12.4	12.0	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.6	5.9	5.2	4.4

WGHP4360A* / WAHMS4860P4A**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	37.5	35.5	33.4	31.2	29.8	28.9	26.9	24.8	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
KW	5.21	5.11	5.01	4.91	4.86	4.81	4.72	4.62	4.66	4.55	4.45	4.39	4.35	4.25	4.14	4.04	3.94	3.84
Amps	26.9	24.8	23.2	21.7	20.9	20.5	19.3	18.2	17.4	16.6	15.7	15.3	15.1	14.3	13.3	12.4	11.4	10.2
COP	4.09	3.95	3.79	3.62	3.49	3.42	3.24	3.05	2.82	2.66	2.51	2.40	2.33	2.14	1.95	1.74	1.52	1.28
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.7	5.9	5.2	4.4

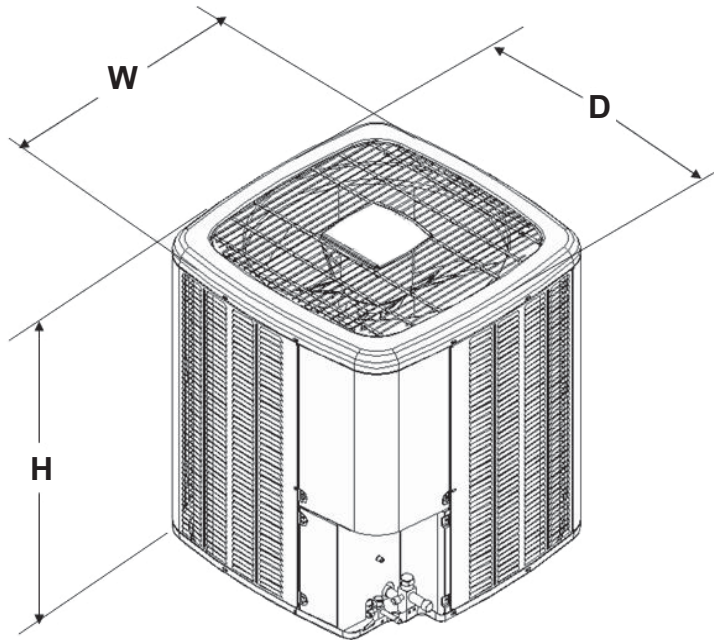
kW = Total system power

Amps = Outdoor unit amps (comp.+fan)

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

PRODUCT SPECIFICATIONS

DIMENSIONS



Model	Dimensions		
	W"	D"	H"
WGHP4318AA*	26	26	32¼
WGHP4324AA*	26	26	32¼
WGHP4330AA*	26	26	32¼
WGHP4336AA*	29	29	38¼
WGHP4342AA*	29	29	38¼
WGHP4348AA*	29	29	34¼
WGHP4360AA*	35½	35½	34¼

ACCESSORIES

Model #	Description	WGHP 4318	WGHP 4324	WGHP 4330	WGHP 4336	WGHP 4342	WGHP 4348	WGHP 4360
ABK-20	Anchor Bracket Kit □	X	X	X	X	X	X	X
AFE18-60A	All-Fuel Kit	X	X	X	X	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-Start Kit	X	X	X	X			
CSR-U-2	Hard-Start Kit				X	X	X	X
CSR-U-3	Hard-Start Kit						X	X
FSK01A1	Freeze Protection Kit	X	X	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay Kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X	X	X	X
TX2N4 ³	TXV Kit	X						
TX2N4A ³	TXV Kit	X	X					
TX3N4 ³	TXV Kit		X	X	X			
TX5N4 ³	TXV Kit					X	X	X

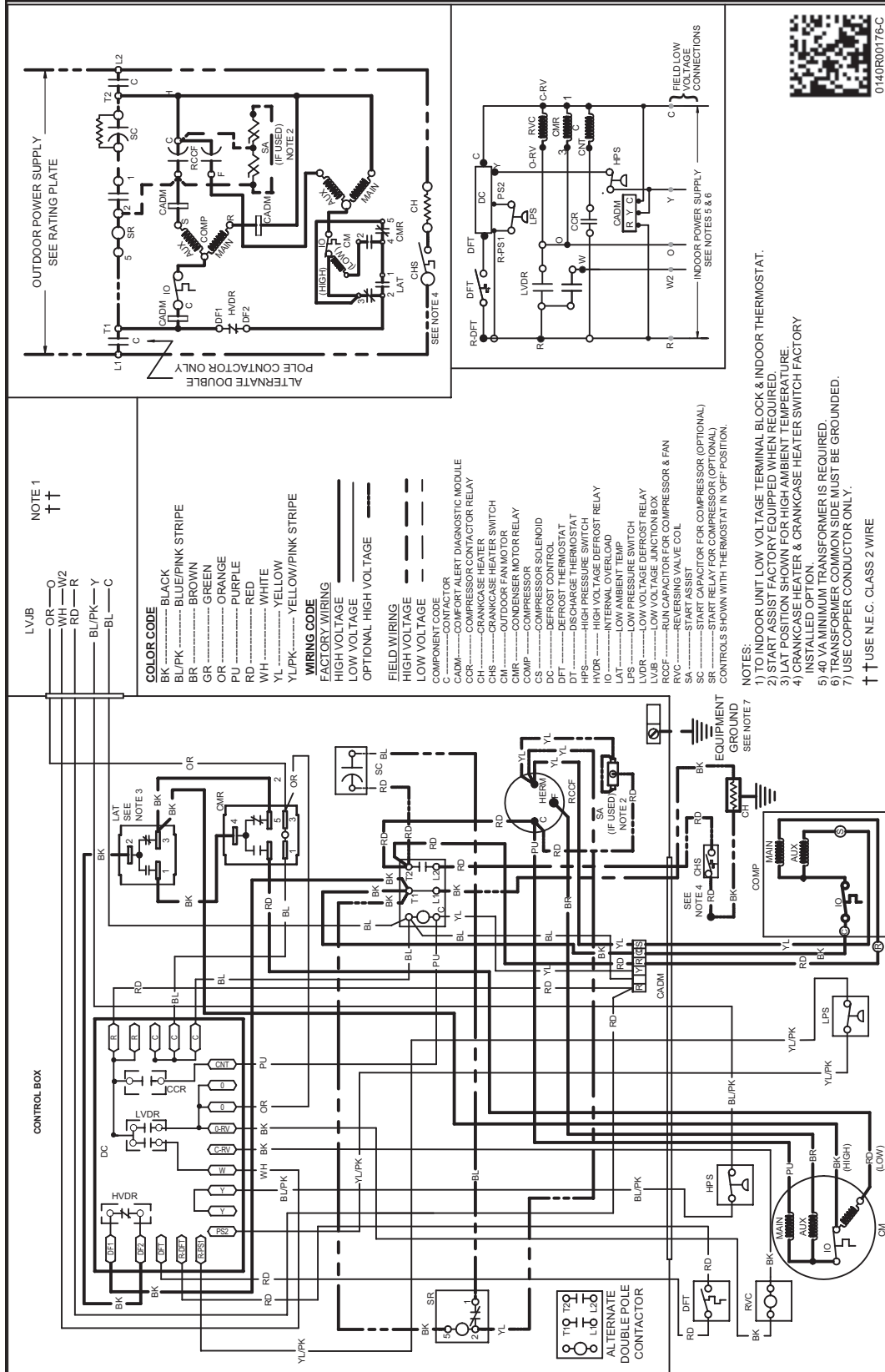
□ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

³ 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 or liquid line solenoid kit.

WGHP43 WIRING DIAGRAM



0140R00176-C

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



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