

PA95 12 SEER



EPA POLLUTION PREVENTER



2 THRU 4 TON SINGLE PACKAGE

MOBILE HOME UNIT FEATURES

CONSTRUCTED FOR DURABILITY

- All panels made from galvanized steel pre-coated inside and out – using a polyester top coat, on a urethane primer, over an oxide pre-treatment
- All coils made from copper tube and aluminum fins
- Painted base with embossed support rails
- Embossed water dam in base – prevents water migration to indoor section from condenser area
- Protective coil guard – standard

EASY MAINTENANCE

- Slide out blower assembly for easy maintenance
- External gauge ports
- All electrical controls behind one access panel
- One panel allows access to clean evaporator and service all refrigeration components

QUALITY PERFORMANCE & RELIABILITY

- Pre-painted condenser coil – provides greater corrosion resistance
- Plastic drain pan – minimizes residual condensate for improved humidity control and air quality

DESIGNED FOR EASY INSTALLATION

- Designed for mobile home and permanent residence applications
- Round duct flanges with retainer bead for easy flex duct connection
- Low 26-1/2" height (max. 17" duct height) allows installation in tight spaces
- Multi-speed blower motor – adjustable to varying application requirements

DEPENDABLE WARRANTY

- 5 years on all parts / 10 year compressor

ACCESSORIES

- Slip in electric heaters available with or without breakers
- Flexible duct & duct adder kits to adapt to most applications
- Unit disconnect switch – may eliminate need for field mounted disconnect (*consult local codes)



RESIDENTIAL AND COMMERCIAL SYSTEMS • SPLIT SYSTEMS • PACKAGED AIR CONDITIONERS
• COMBINATION GAS / ELECTRIC UNITS • HEAT PUMPS • AIR HANDLERS • MANUFACTURED
HOME AIR CONDITIONERS • GAS, OIL AND ELECTRIC FURNACES

International Comfort Products
650 Heil-Quaker Avenue, Lewisburg, TN 37091

426 11 1102 00

4/97

UNIT SPECIFICATIONS

MODEL		PA9524AKA	PA9530AKA	PA9536AKA	PA9542AKA	PA9548AKA	
Electrical Data:	208/230 Volt Data (Phase-Hz)	1-60	1-60	1-60	1-60	1-60	
	Time Delay Fuse	20	25	30	35	45	
	Max. Fuse / HACR Breaker	25	30	45	50	60	
	Ampacity	16.4	21.0	29.0	31.6	37.7	
Condenser Data:	Coil	Total Face Area (Sq. Ft.)	10.3	10.3	10.3	10.3	10.3
		Fins Per In. - Rows	16-1 ¹ / ₂	18-2	18-2	18-2	18-2
		Tube Dia. (In.)	³ / ₈	³ / ₈	³ / ₈	³ / ₈	³ / ₈
	Fan	H.P. / Type	¹ / ₃ / PSC	¹ / ₃ / PSC			
		Motor:	Full Load Amps.	1.4	1.4	1.4	1.4
		Lock Rotor Amps.	4.04	4.04	4.04	4.04	5.0
	Fan:	Size (Dia.) (In.)	20.375	20.375	20.375	20.375	20.375
		RPM (Max.)	1120	1120	1120	1120	1140
Evaporator Data	Coil	Total Face Area (Sq. Ft.)	4	4	4	4	4
		Fins Per In. - Rows	14-3	14-3	14-4	14-4	14-4
		Tube Dia. (In.)	³ / ₈	³ / ₈	³ / ₈	³ / ₈	³ / ₈
	Blower	H.P. / Type / Speeds	¹ / ₄ / PSC / 3	¹ / ₃ / PSC / 3	¹ / ₂ / PSC / 4	¹ / ₂ / PSC / 4	1 / PSC / 3
		Motor:	Full Load Amps	1.4	2.2	4.9	4.9
		Locked Rotor Amps	3.1	5.6	7.4	7.4	13.2
	Blower	Type / Size	DD10 / 6	DD10 / 6	DD10 / 8	DD10 / 8	DD10 / 8
		CFM (Rated)	800	1000	1200	1400	1650
RPM (Max.)		1075	1075	1075	1075	1075	
Compressor Data:	Full Load Amps.	10.3	13.5	16.0	18.0	23.7	
	Locked Rotor Amps.	56	72.5	88	104	129	
Factory Refrigerant Charge (Type R-22)		99 oz.	104 oz.	96 oz.	96 oz.	104 oz.	
Weights	Approximate Shipping	268	284	302	310	318	

UNIT PERFORMANCE DATA

Model No.	Capacity BTUH	Sensible / Total Ratio	S.E.E.R.	E.E.R.	Power Input Watts	Evaporator Rated Air Flow CFM
PA9524AKA	24,000	.78	12.05	10.4	2310	800
PA9530AKA	30,000	.76	12.00	10.4	2885	1000
PA9536AKA	35,600	.77	12.05	10.35	3440	1200
PA9542AKA	42,000	.74	12.05	10.35	4060	1400
PA9548AKA	48,000	.76	12.00	10.2	4710	1600

BLOWER PERFORMANCE DATA

MODEL NUMBER		PA9524AKA			PA9530AKA			PA9536/42AKA			PA9548AKA				
Blower Speed		Med Lo	Med Hi	Hi	Med Lo	Med Hi	Hi	Lo	Med Lo	Med Hi	Hi	Med Lo	Med Hi	Hi	
AIR DELIVERY IN CFM	.25	848	868	1085	976	1069	1130	1208	1373	1471	1589	1707	1827	1904	
	.35	809	828	1041	946	1023	1086	1190	1337	1427	1540	1651	1759	1822	
	VARYING EXT. STATIC PRESSURE (IN. W.C.)	.45	764	784	984	946	982	1033	1176	1292	1379	1467	1577	1670	1736
		.55	718	732	919	910	927	973	1137	1260	1329	1411	1497	1572	1635
		.65	680	668	846	863	863	901	1085	1186	1256	1319	1417	1478	1530
		.75	576	585	760	805	781	817	1019	1109	1181	1235	1322	1377	1411

Air delivery against shown external static pressures taken with 230V. to unit, dry coil and equipped with approved heater. For wet coil add .05" W.C to Ext. Static Press. measurement.
NOTE: For 208 Volt applications, reduce airflow by 15%.

EXPANDED PERFORMANCE DATA - PA9524KA

Airflow		Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
		65				75				85				95				105				115				
		Entering Indoor Temperature - Degrees F. Wet Bulb																								
IDB*	CFM	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	896	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	1.86	1.89	1.94	-	1.98	2.02	2.07	-	2.09	2.13	2.19	-	2.19	2.23	2.29	-	2.27	2.31	2.38	-	2.34	2.38	2.45	-
	800	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	1.85	1.88	1.93	-	1.97	2.00	2.06	-	2.07	2.11	2.17	-	2.17	2.21	2.28	-	2.25	2.29	2.36	-	2.32	2.37	2.44	-
784	MBh	21.7	22.5	24.6	-	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-	
	S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-	
	KW	1.82	1.85	1.90	-	1.94	1.98	2.03	-	2.04	2.08	2.14	-	2.14	2.18	2.24	-	2.22	2.26	2.33	-	2.28	2.33	2.40	-	
75	896	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	1.87	1.91	1.96	2.01	2.00	2.03	2.09	2.15	2.10	2.15	2.21	2.27	2.20	2.24	2.31	2.38	2.28	2.33	2.40	2.47	2.35	2.40	2.47	2.55
	800	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	1.86	1.89	1.94	2.00	1.98	2.02	2.07	2.13	2.09	2.13	2.19	2.25	2.19	2.23	2.29	2.36	2.27	2.31	2.38	2.45	2.34	2.38	2.45	2.53
784	MBh	22.1	22.7	24.6	26.4	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	21.1	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6	
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	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	
	KW	1.83	1.87	1.92	1.97	1.95	1.99	2.05	2.10	2.06	2.10	2.16	2.22	2.15	2.20	2.26	2.33	2.23	2.28	2.34	2.41	2.30	2.35	2.42	2.49	
80	896	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	1.88	1.92	1.97	2.03	2.01	2.05	2.10	2.17	2.12	2.16	2.22	2.29	2.22	2.26	2.33	2.40	2.30	2.35	2.42	2.49	2.37	2.42	2.49	2.57
	800	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	1.87	1.91	1.96	2.01	2.00	2.03	2.09	2.15	2.10	2.15	2.21	2.27	2.20	2.24	2.31	2.38	2.28	2.33	2.40	2.47	2.35	2.40	2.47	2.55
784	MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4	
	S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58	
	KW	1.85	1.88	1.93	1.98	1.97	2.00	2.06	2.12	2.07	2.11	2.17	2.24	2.17	2.21	2.28	2.34	2.25	2.29	2.36	2.43	2.32	2.37	2.44	2.51	
85	896	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	1.90	1.93	1.98	2.04	2.02	2.06	2.12	2.18	2.14	2.18	2.24	2.31	2.23	2.28	2.34	2.41	2.32	2.36	2.43	2.51	2.39	2.44	2.51	2.59
	800	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	1.88	1.92	1.97	2.03	2.01	2.05	2.10	2.17	2.12	2.16	2.22	2.29	2.22	2.26	2.33	2.40	2.30	2.35	2.42	2.49	2.37	2.42	2.49	2.57
784	MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3	
	S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76	
	KW	1.86	1.89	1.94	2.00	1.98	2.02	2.07	2.13	2.09	2.13	2.19	2.25	2.19	2.23	2.29	2.36	2.27	2.31	2.38	2.45	2.34	2.38	2.45	2.53	

EXPANDED PERFORMANCE DATA - PA9530AKA

Airflow		Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
		65				75				85				95				105				115				
		Entering Indoor Temperature - Degrees F. Wet Bulb																								
IDB*	CFM	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	1120	MBh	29.4	30.5	33.4	-	28.7	29.8	32.6	-	28.0	29.1	31.8	-	27.3	28.3	31.1	-	26.0	26.9	29.5	-	24.1	24.9	27.3	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	2.30	2.35	2.41	-	2.46	2.51	2.58	-	2.60	2.66	2.73	-	2.73	2.78	2.87	-	2.83	2.89	2.98	-	2.92	2.99	3.08	-
	1000	MBh	28.5	29.6	32.4	-	27.9	28.9	31.7	-	27.2	28.2	30.9	-	26.6	27.5	30.2	-	25.2	26.1	28.6	-	23.4	24.2	26.5	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		KW	2.29	2.33	2.40	-	2.45	2.49	2.57	-	2.58	2.64	2.71	-	2.71	2.76	2.85	-	2.81	2.87	2.96	-	2.90	2.96	3.05	-
880	MBh	27.1	28.1	30.8	-	26.5	27.4	30.1	-	25.9	26.8	29.4	-	25.2	26.1	28.6	-	24.0	24.8	27.2	-	22.2	23.0	25.2	-	
	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	-	
	KW	2.26	2.30	2.36	-	2.41	2.46	2.53	-	2.55	2.60	2.67	-	2.67	2.72	2.80	-	2.77	2.83	2.91	-	2.86	2.92	3.01	-	
75	1120	MBh	29.9	30.8	33.3	35.8	29.2	30.1	32.5	34.9	28.5	29.3	31.8	34.1	27.8	28.6	31.0	33.3	26.4	27.2	29.4	31.6	24.5	25.2	27.3	29.3
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		KW	2.32	2.37	2.43	2.50	2.48	2.53	2.60	2.68	2.62	2.68	2.76	2.84	2.75	2.81	2.89	2.98	2.86	2.91	3.00	3.10	2.95	3.01	3.10	3.20
	1000	MBh	29.0	29.9	32.3	34.7	28.4	29.2	31.6	33.9	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	25.7	26.4	28.6	30.7	23.8	24.5	26.5	28.4
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		KW	2.30	2.35	2.42	2.49	2.46	2.51	2.59	2.66	2.60	2.66	2.74	2.82	2.73	2.78	2.									

EXPANDED PERFORMANCE DATA - PA9536AKA

Airflow IDB* CFM			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			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	1344	MBh	34.9	36.2	39.6	-	34.1	35.3	38.7	-	33.3	34.5	37.8	-	32.5	33.6	36.9	-	30.8	32.0	35.0	-	28.6	29.6	32.4	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	2.75	2.80	2.88	-	2.94	2.99	3.08	-	3.10	3.16	3.26	-	3.25	3.31	3.41	-	3.37	3.44	3.55	-	3.48	3.55	3.66	-
	1200	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	29.9	31.0	34.0	-	27.7	28.7	31.5	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	2.73	2.78	2.86	-	2.91	2.97	3.06	-	3.08	3.14	3.23	-	3.22	3.29	3.39	-	3.35	3.42	3.52	-	3.45	3.53	3.63	-
1056	MBh	32.2	33.3	36.5	-	31.4	32.6	35.7	-	30.7	31.8	34.8	-	29.9	31.0	34.0	-	28.4	29.5	32.3	-	26.3	27.3	29.9	-	
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	
	KW	2.69	2.74	2.82	-	2.87	2.93	3.01	-	3.03	3.09	3.18	-	3.18	3.24	3.34	-	3.30	3.36	3.46	-	3.40	3.47	3.58	-	
75	1344	MBh	35.5	36.5	39.5	42.4	34.7	35.7	38.6	41.4	33.8	34.8	37.7	40.5	33.0	34.0	36.8	39.5	31.4	32.3	34.9	37.5	29.0	29.9	32.4	34.7
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	2.77	2.82	2.90	2.98	2.96	3.01	3.10	3.19	3.13	3.19	3.28	3.38	3.27	3.34	3.44	3.55	3.40	3.47	3.57	3.69	3.51	3.58	3.69	3.81
	1200	MBh	34.4	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.3	32.0	33.0	35.7	38.3	30.4	31.3	33.9	36.4	28.2	29.0	31.4	33.7
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	2.75	2.80	2.88	2.96	2.94	2.99	3.08	3.17	3.10	3.16	3.26	3.36	3.25	3.31	3.41	3.52	3.37	3.44	3.55	3.66	3.48	3.55	3.66	3.78
1056	MBh	32.7	33.7	36.5	39.1	32.0	32.9	35.6	38.2	31.2	32.1	34.8	37.3	30.4	31.3	33.9	36.4	28.9	29.8	32.2	34.6	26.8	27.6	29.9	32.0	
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	
	KW	2.71	2.76	2.84	2.92	2.89	2.95	3.03	3.12	3.06	3.12	3.21	3.30	3.20	3.26	3.36	3.46	3.32	3.39	3.49	3.60	3.43	3.50	3.60	3.72	
80	1344	MBh	36.1	36.9	39.4	42.1	35.3	36.0	38.5	41.2	34.4	35.2	37.6	40.2	33.6	34.3	36.7	39.2	31.9	32.6	34.8	37.2	29.6	30.2	32.3	34.5
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	2.79	2.84	2.92	3.00	2.98	3.04	3.13	3.22	3.15	3.21	3.31	3.41	3.30	3.37	3.47	3.57	3.43	3.50	3.60	3.71	3.54	3.61	3.72	3.84
	1200	MBh	35.1	35.8	38.3	40.9	34.2	35.0	37.4	40.0	33.4	34.2	36.5	39.0	32.6	33.3	35.6	38.1	31.0	31.7	33.8	36.2	28.7	29.3	31.3	33.5
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	2.77	2.82	2.90	2.98	2.96	3.01	3.10	3.19	3.13	3.19	3.28	3.38	3.27	3.34	3.44	3.55	3.40	3.47	3.57	3.69	3.51	3.58	3.69	3.81
1056	MBh	33.3	34.0	36.4	38.9	32.5	33.2	35.5	38.0	31.8	32.4	34.7	37.1	31.0	31.7	33.8	36.2	29.4	30.1	32.1	34.3	27.3	27.9	29.8	31.8	
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58	
	KW	2.73	2.78	2.86	2.94	2.91	2.97	3.06	3.15	3.08	3.14	3.23	3.33	3.22	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.45	3.53	3.63	3.75	
85	1344	MBh	36.7	37.4	39.2	41.8	35.9	36.6	38.3	40.9	35.0	35.7	37.4	39.9	34.2	34.8	36.5	38.9	32.5	33.1	34.7	37.0	30.1	30.7	32.1	34.3
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	2.81	2.86	2.94	3.03	3.00	3.06	3.15	3.24	3.17	3.24	3.33	3.43	3.32	3.39	3.49	3.60	3.45	3.52	3.63	3.74	3.56	3.64	3.75	3.87
	1200	MBh	35.7	36.4	38.1	40.6	34.8	35.5	37.2	39.7	34.0	34.7	36.3	38.7	33.2	33.8	35.4	37.8	31.5	32.1	33.7	35.9	29.2	29.8	31.2	33.3
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	2.79	2.84	2.92	3.00	2.98	3.04	3.13	3.22	3.15	3.21	3.31	3.41	3.30	3.37	3.47	3.57	3.43	3.50	3.60	3.71	3.54	3.61	3.72	3.84
1056	MBh	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.5	36.8	31.5	32.1	33.7	35.9	29.9	30.5	32.0	34.1	27.7	28.3	29.6	31.6	
	S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75	
	KW	2.75	2.80	2.88	2.96	2.94	2.99	3.08	3.17	3.10	3.16	3.26	3.35	3.25	3.31	3.41	3.52	3.37	3.44	3.55	3.66	3.48	3.55	3.66	3.78	

EXPANDED PERFORMANCE DATA - PA9542AKA

Airflow IDB* CFM			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			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	1568	MBh	41.2	42.7	46.7	-	40.2	41.7	45.7	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	36.4	37.7	41.3	-	33.7	34.9	38.3	-
		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	-
		KW	3.22	3.28	3.38	-	3.45	3.52	3.62	-	3.65	3.72	3.84	-	3.83	3.91	4.03	-	3.98	4.06	4.19	-	4.11	4.20	4.33	-
	1400	MBh	40.0	41.4	45.4	-	39.0	40.5	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	0.71	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	-
		KW	3.20	3.26	3.35	-	3.42	3.49	3.59	-	3.62	3.70	3.81	-	3.80	3.88	4.00	-	3.95	4.03	4.16	-	4.08	4.16	4.29	-
1232	MBh	38.0	39.3	43.1	-	37.1	38.4	42.1	-	36.2	37.5	41.1	-	35.3	36.6	40.1	-	33.5	34.8	38.1	-	31.1	32.2	35.3	-	
	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	-	
	KW	3.15	3.21	3.30	-	3.37	3.44	3.54	-	3.57	3.64	3.75	-	3.74	3.82	3.93	-	3.89	3.97	4.09	-	4.01	4.10	4.23	-	
75	1568	MBh	41.9	43.1	46.6	50.1	40.9	42.1	45.6	48.9	39.9	41.1	44.5	47.7	38.9	40.1	43.4	46.6	37.0	38.1	41.2	44.2	34.3	35.3	38.2	41.0
		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
		KW	3.24	3.31	3.40	3.51	3.47	3.54	3.65	3.76	3.68	3.75	3.87	3.99	3.86	3.94	4.06	4.19	4.01	4.10	4.22	4.36	4.14	4.23	4.36	4.50
	1400	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	43.0	33.3	34.2	37.1	39.8
		S/T	0.81	0.72	0.55	0.35	0.84	0.7																		

EXPANDED PERFORMANCE DATA - PA9548AKA

Airflow		Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
		65				75				85				95				105				115				
		Entering Indoor Temperature - Degrees F. Wet Bulb																								
IDB*	CFM	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	1792	MBh	47.0	48.8	53.4	-	45.9	47.6	52.2	-	44.8	46.5	50.9	-	43.8	45.4	49.7	-	41.6	43.1	47.2	-	38.5	39.9	43.7	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
	KW	3.69	3.76	3.88	-	3.96	4.05	4.18	-	4.21	4.30	4.44	-	4.43	4.52	4.67	-	4.61	4.71	4.87	-	4.77	4.88	5.04	-	
	1600	MBh	45.7	47.3	51.9	-	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	KW	3.66	3.73	3.85	-	3.93	4.02	4.14	-	4.18	4.27	4.40	-	4.39	4.49	4.63	-	4.57	4.67	4.83	-	4.73	4.84	5.00	-	
1408	MBh	43.4	45.0	49.3	-	42.4	43.9	48.1	-	41.4	42.9	47.0	-	40.4	41.8	45.8	-	38.3	39.7	43.5	-	35.5	36.8	40.3	-	
	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	-	
KW	3.60	3.67	3.79	-	3.87	3.95	4.08	-	4.11	4.20	4.33	-	4.32	4.41	4.56	-	4.50	4.60	4.75	-	4.65	4.76	4.91	-		
75	1792	MBh	47.8	49.2	53.3	57.2	46.7	48.1	52.1	55.9	45.6	47.0	50.8	54.6	44.5	45.8	49.6	53.2	42.3	43.5	47.1	50.6	39.2	40.3	43.6	46.8
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	KW	3.71	3.79	3.91	4.03	4.00	4.08	4.21	4.35	4.24	4.34	4.48	4.62	4.46	4.56	4.71	4.87	4.65	4.75	4.91	5.07	4.81	4.92	5.08	5.25	
	1600	MBh	46.4	47.8	51.8	55.5	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	KW	3.63	3.76	3.88	4.00	3.96	4.05	4.18	4.31	4.21	4.30	4.44	4.58	4.43	4.52	4.67	4.83	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.21	
1408	MBh	44.1	45.4	49.2	52.8	43.1	44.4	48.0	51.5	42.1	43.3	46.9	50.3	41.0	42.3	45.7	49.1	39.0	40.1	43.4	46.6	36.1	37.2	40.2	43.2	
	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	
KW	3.63	3.70	3.82	3.94	3.90	3.98	4.11	4.24	4.14	4.23	4.37	4.51	4.36	4.45	4.59	4.75	4.54	4.64	4.79	4.95	4.69	4.80	4.95	5.12		
80	1792	MBh	48.7	49.7	53.1	56.8	47.6	48.6	51.9	55.5	46.4	47.4	50.7	54.2	45.3	46.3	49.4	52.9	43.0	44.0	47.0	50.2	39.9	40.7	43.5	46.5
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	KW	3.74	3.82	3.94	4.07	4.03	4.11	4.24	4.38	4.28	4.37	4.51	4.66	4.50	4.60	4.75	4.91	4.69	4.79	4.95	5.12	4.85	4.96	5.12	5.30	
	1600	MBh	47.3	48.3	51.6	55.2	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
	KW	3.72	3.79	3.91	4.03	4.00	4.08	4.21	4.35	4.25	4.34	4.48	4.62	4.46	4.56	4.71	4.87	4.65	4.75	4.91	5.07	4.81	4.92	5.08	5.25	
1408	MBh	44.9	45.9	49.0	52.4	43.9	44.8	47.9	51.2	42.8	43.7	46.7	50.0	41.8	42.7	45.6	48.7	39.7	40.5	43.3	46.3	36.8	37.6	40.1	42.9	
	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	
KW	3.66	3.73	3.85	3.97	3.93	4.02	4.14	4.28	4.18	4.27	4.40	4.55	4.39	4.49	4.63	4.78	4.57	4.67	4.83	4.99	4.73	4.84	5.00	5.16		
85	1792	MBh	49.5	50.5	52.9	56.4	48.4	49.3	51.7	55.1	47.2	48.1	50.4	53.8	46.1	47.0	49.2	52.5	43.8	44.6	46.7	49.9	40.5	41.3	43.3	46.2
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	KW	3.77	3.85	3.97	4.10	4.06	4.15	4.28	4.42	4.31	4.41	4.55	4.70	4.54	4.64	4.79	4.95	4.73	4.83	4.99	5.16	4.89	5.00	5.17	5.34	
	1600	MBh	48.1	49.0	51.3	54.8	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
	KW	3.74	3.82	3.94	4.07	4.03	4.11	4.24	4.38	4.28	4.37	4.51	4.66	4.50	4.60	4.75	4.91	4.69	4.79	4.95	5.12	4.85	4.96	5.12	5.30	
1408	MBh	45.7	46.6	48.8	52.0	44.6	45.5	47.6	50.8	43.6	44.4	46.5	49.6	42.5	43.3	45.4	48.4	40.4	41.2	43.1	46.0	37.4	38.1	39.9	42.6	
	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	
KW	3.69	3.76	3.88	4.00	3.96	4.05	4.18	4.31	4.21	4.30	4.44	4.58	4.43	4.52	4.67	4.82	4.61	4.71	4.87	5.03	4.77	4.88	5.04	5.21		

* Entering Indoor Temperature - Degrees F. Dry Bulb Standard Rating

ELECTRICAL DATA TABLE: STRIP HEATERS

HEATER MODEL	Used With	Supply Voltage	KW Rating	Nominal Heating BTUH	Supply Circuit No.	Heater Amps	Minimum Circuit Ampacity	Maximum Overcurrent Protective Device (Amps)
AMMK05AHA	PA9524 - 48	240-1-60	4.8	16,382	L3 - L4	20.0	25.0	30
AMMK05AHB		208-1-60	3.6	12,287	L3 - L4	17.3	21.6	25
AMMK07AHA	PA9524 - 48	240-1-60	7.5	25,598	L3-L4	31.2	39.0	45
AMMK07AHB		208-1-60	5.6	19,113	L3-L4	26.9	33.6	40
AMMK10AHA	PA9524 - 48	240-1-60	9.6	32,765	L3 - L4	40.0	50.0	60
AMMK10AHB		208-1-60	7.2	24,574	L5 - L6	34.6	43.3	50
AMMK15AHB	PA9530 - 48	240-1-60	14.4	49,147	L3 - L4 L5 - L6	40.0 20.0	50.0 25.0	60 30
		208-1-60	10.8	36,860	L3 - L4 L5 - L6	34.6 17.3	43.3 21.6	50 25
AMMK20AHB	PA9530 - 48	240-1-60	19.2	65,530	L3 - L4 L5 - L6	40.0 40.0	50.0 50.0	60 60
		208-1-60	14.4	49,147	L3 - L4 L5 - L6	34.6 34.6	43.3 43.3	50 50

PERFORMANCE DATA: ELECTRIC HEAT ACCESSORY

Heater Model	Use With	Supply Voltage	KW Rating	Total Heating BTUH	*Temperature Rise °F @ CFM								
					600	800	1000	1200	1400	1600	1800	2000	2200
AMMK05AHA	PAHB24 - 48	240-1-60	4.8	16,832	25.3	19.0	15.2	12.6	10.8	9.5	8.4	7.6	---
AMMK05AHB		208-1-60	3.6	12,287	19.0	14.2	11.4	9.5	8.1	7.1	6.3	5.7	---
AMMK07AHA	PA9524 - 48	240-1-60	7.5	25,598	39.5	29.6	23.7	19.8	16.9	14.8	13.2	11.9	10.8
AMMK07AHB		208-1-60	5.6	19,113	29.5	22.1	17.7	14.7	12.6	11.1	9.8	8.8	8.0
AMMK10AHA	PA9524 - 48	240-1-60	9.6	32,765	50.6	37.9	30.3	25.3	21.7	19.0	16.9	15.2	13.8
AMMK10AHB		208-1-60	7.2	24,574	37.9	28.4	22.8	19.0	16.3	14.2	12.6	11.4	10.3
AMMK15AHB *	PA9530 - 48	240-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7
		208-1-60	10.8	36,860	56.9	42.7	34.1	28.4	24.4	21.3	19.0	17.1	15.5
AMMK20AHB **	PA9530 - 48	240-1-60	19.2	65,530	---	---	---	50.6	43.3	37.9	33.7	30.3	27.6
		208-1-60	14.4	49,147	---	56.9	45.5	37.9	32.5	28.4	25.3	22.8	20.7

* 15 KW HEATER NOT TO BE OPERATED ON LOW BLOWER SPEED TAP FOR PA9530.

** 20 KW HEATER NOT TO BE OPERATED ON LOW OR MED. LOW BLOWER SPEED TAP FOR PA9536 & 42.

SERIES ACCESSORIES

DUCT KITS

Model No.	Description
NACA001DK	BASIC FLEXIBLE DUCT INSTALLATION KIT. For SINGLE Return & SINGLE Supply application. Includes: 1- 12" x 7ft & 1- 14" x 5ft flex duct, screw clamps & one 12"x20" Floor Ret. Grill, plenum & 18" x 18" Permanent Filter, 1 - 12" dovetail adapter.
NACA002DK	DOUBLE SUPPLY DUCT KIT To be used with NACA001DK. For double wide home where 2 supply trunklines are used. Adapts 1-12" supply to 2-10" trunks. Includes: 1- 10"x14ft flex duct; 1- Insulated Wye (12x10x10), 2-10" adaptors & 4-10" clamps.
NAXA001DK	DOUBLE RETURN DUCT KIT To be used with NACA001DK. Required with 3 1/2 - 5 ton units for airflow and optional for use in double wide homes. Includes: one 12"x20" Floor Ret. Grill, plenum & 18" x 18" Permanent Filter; 1- 14"x14" flex duct; 1- 14"x14" Insulated Wye & 4-14" clamps
NACA003DK	FLEXIBLE DUCT KIT. Includes: 1- 12" x 10' flex duct with 4" collars on both ends. 1- 14" x 5' flex duct with 4" collars on both ends. 2- 12" duct clamps - gear drive, 2- 14" duct clamps - gear drive.

OTHER KITS

Model No.	Description
NAXA006OT	Outdoor Thermostat Kit
NAMA001OT	Electric Outdoor Thermostat Kit
NAMA001SC	Soft Start - Start Assist Kit

HEATERS

AMMK05AHB	4.8 KW STRIP HEATER WITH BREAKER. (* ORDER UNIT BREAKER SEPERATELY)
AMMK07AHB	7.5 KW STRIP HEATER WITH BREAKER. (* ORDER UNIT BREAKER SEPERATELY)
AMMK10AHB	9.6 KW STRIP HEATER WITH BREAKER. (* ORDER UNIT BREAKER SEPERATELY)
AMMK15AHB	14.4 KW STRIP HEATER WITH BREAKER. (* ORDER UNIT BREAKER SEPERATELY)
AMMK20AHB	19.2 KW STRIP HEATER WITH BREAKER. (* ORDER UNIT BREAKER SEPERATELY)
AMMK05AHA	4.8 KW STRIP HEATER PIGTAIL CONNECTION ONLY, NO BREAKER.
AMMK07AHA	7.5 KW STRIP HEATER PIGTAIL CONNECTION ONLY, NO BREAKER.
AMMK10AHA	9.6 KW STRIP HEATER PIGTAIL CONNECTION ONLY, NO BREAKER.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

