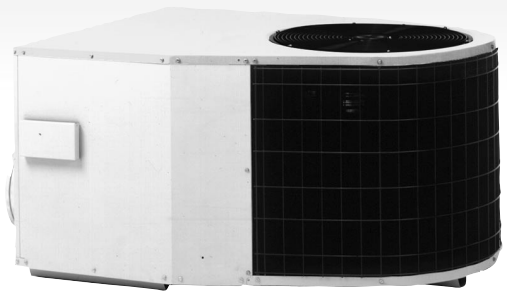
PACKAGE AIR CONDITIONER

AIRQUEST® Heating And Cooling Products

PA95
12 SEER



2 THRU 4 TON SINGLE PACKAGE

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

HIGH STATIC CAPABILITY

- Designed for mobile home and permanent residence applications

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

- 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)

LIMITED PARTS 5 YEAR WARRANTY

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 51 1102 02
5/4/04

UNIT SPECIFICATIONS

MODEL			PA9524AKA	PA9530AKA	PA9536AKA	PA9542AKA	PA9548AKA
Electrical	208/230 Volt Data (Phase-Hz)		1-60	1-60	1-60	1-60	1-60
Data:	Time Delay Fuse		20	25	30	35	45
	Max. Fuse / HACR Breaker		35	40	50	50	50
	Ampacity		15.4	19.1	22.9	21.5	26.5
Condenser	Coil	Total Face Area (Sq. Ft.)	10.3	10.3	10.3	10.3	10.3
Data:		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	1/3 / PSC	1/3 / PSC	1/3 / PSC
	Motor:	Full Load Amps.	1.4	1.4	1.4	1.4	1.7
		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	Coil	Total Face Area (Sq. Ft.)	4	4	4	4	4
Data		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	6.3
		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	Full Load Amps.		10.3	13.5	16.0	16.5	18.3
Data:	Locked Rotor Amps.		56	72.5	88	95	109
Factory Refrigerant Charge (Type R-22)			92 oz.	96 oz.	84 oz.	104 oz.	114 oz.
Weights	Approximate Shipping		268	284	302	310	318

UNIT PERFORMANCE DATA

Model No.	Capacity [1] BTUH	Sensible / Total Ratio	S.E.E.R.	E.E.R.	Power Input Watts	Evaporator Rated Air Flow CFM
PA9524AKA	24,000	.78	12.0	10.4	2310	800
PA9530AKA	30,000	.76	12.0	10.3	2913	950
PA9536AKA	34,600	.76	12.0	10.1	3426	1200
PA9542AKA	39,000	.76	12.0	10.2	3824	1400
PA9548AKA	45,000	.74	12.0	10.0	4500	1450

[1] Rated Capacity @ ARI standard conditions, 95° Amb, 80° DB/67° WB, 230 Volts. For applications at 208 volts deduct 1000 BTU.

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	.25	848	868	1085	976	1069	1130	1208	1373	1471	1589	1707	1827	1904
CFM	.35	809	828	1041	946	1023	1086	1190	1337	1427	1540	1651	1759	1822
VARYING EXT.	.45	764	784	984	946	982	1033	1176	1292	1379	1467	1577	1670	1736
STATIC	.55	718	732	919	910	927	973	1137	1260	1329	1411	1497	1572	1635
PRESSURE (IN. W.C.)	.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 sadd .05″ W.C to Ext. Static Press. measurement.

NOTE: For 208 Volt applications, reduce airflow by 15%.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA - PA9524AKA

IDB*	Airflow 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	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

IDB*	Airflow 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	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	2.87	2.96	2.83	2.89	2.98	3.07	2.93	2.99	3.08	3.17
	880	MBh	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	26.3	27.1	29.3	31.4	25.7	26.4	28.6	30.7	24.4	25.1	27.2	29.1	22.6	23.2	25.2	27.0
		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
		KW	2.27	2.31	2.38	2.45	2.43	2.47	2.55	2.62	2.57	2.62	2.69	2.78	2.69	2.74	2.82	2.91	2.79	2.85	2.93	3.02	2.88	2.94	3.03	3.12
80	1120	MBh	30.4	31.1	33.2	35.5	29.7	30.4	32.4	34.7	29.0	29.6	31.7	33.9	28.3	28.9	30.9	33.0	26.9	27.5	29.4	31.4	24.9	25.5	27.2	29.1
		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	2.34	2.38	2.45	2.52	2.50	2.55	2.62	2.70	2.64	2.70	2.78	2.86	2.77	2.83	2.91	3.00	2.88	2.94	3.03	3.12	2.97	3.03	3.13	3.22
	1000	MBh	29.5	30.2	32.3	34.5	28.9	29.5	31.5	33.7	28.2	28.8	30.8	32.9	27.5	28.1	30.0	32.1	26.1	26.7	28.5	30.5	24.2	24.7	26.4	28.2
		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	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
	880	MBh	28.1	28.7	30.6	32.8	27.4	28.0	29.9	32.0	26.8	27.3	29.2	31.2	26.1	26.7	28.5	30.5	24.8	25.3	27.1	28.9	23.0	23.5	25.1	26.8
		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	2.29	2.33	2.40	2.47	2.45	2.49	2.57	2.64	2.58	2.64	2.71	2.80	2.71	2.76	2.85	2.93	2.81	2.87	2.96	3.05	2.90	2.96	3.05	3.15
85	1120	MBh	31.0	31.6	33.1	35.3	30.2	30.8	32.3	34.4	29.5	30.1	31.5	33.6	28.8	29.4	30.7	32.8	27.4	27.9	29.2	31.2	25.3	25.8	27.1	28.9
		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	2.35	2.40	2.47	2.54	2.52	2.57	2.64	2.72	2.66	2.72	2.80	2.88	2.79	2.85	2.93	3.03	2.90	2.96	3.05	3.15	2.99	3.06	3.15	3.25
	1000	MBh	30.1	30.6	32.1	34.2	29.4	29.9	31.3	33.4	28.7	29.2	30.6	32.6	28.0	28.5	29.9	31.8	26.6	27.1	28.4	30.3	24.6	25.1	26.3	28.0
		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	2.34	2.38	2.45	2.52	2.50	2.55	2.62	2.70	2.64	2.70	2.78	2.86	2.77	2.83	2.91	3.00	2.88	2.94	3.03	3.12	2.97	3.03	3.13	3.22
	880	MBh	28.6	29.1	30.5	32.5	27.9	28.4	29.8	31.8	27.2	27.8	29.1	31.0	26.6	27.1	28.4	30.3	25.2	25.7	26.9	28.7	23.4	23.8	25.0	26.6
		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	2.30	2.35	2.41	2.48	2.46	2.51	2.58	2.66	2.60	2.66	2.73	2.82	2.73	2.78	2.87	2.96	2.83	2.89	2.98	3.07	2.92	2.99	3.08	3.17

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA – PA9536AKA

Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Dry 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	1344	MBh	33.9	35.2	38.5	-	33.1	34.3	37.6	-	32.4	33.5	36.7	-	31.6	32.7	35.9	-	29.9	31.1	34	-	27.8	28.8	31.5	-
		S/T	0.76	0.65	0.45	-	0.79	0.67	0.46	-	0.81	0.69	0.48	-	0.84	0.71	0.49	-	0.87	0.73	0.51	-	0.88	0.73	0.51	-
		kW	2.84	2.89	2.97	-	3.03	3.09	3.18	-	3.2	3.26	3.36	-	3.35	3.42	3.52	-	3.48	3.55	3.66	-	3.59	3.66	3.78	-
	1200	MBh	32.9	341	37.4	-	32.2	33.3	36.5	-	31.4	32.6	35.7	-	30.6	31.8	34.8	-	29.1	30.1	33	-	26.9	27.9	30.6	-
		S/T	0.73	0.62	0.43	-	0.75	0.64	0.44	-	0.77	0.65	0.45	-	0.8	0.68	0.47	-	0.83	0.7	0.49	-	0.84	0.71	0.49	-
		kW	2.82	2.87	2.95	-	3	3.06	3.16	-	3.18	3.24	3.33	-	3.32	3.4	3.5	-	3.46	3.53	3.63	-	3.56	3.64	3.75	-
	1056	MBh	31.3	32.4	35.5	-	30.5	31.7	34.7	-	29.8	30.9	33.8	-	29.1	30.1	33	-	27.6	28.7	31.4	-	25.6	26.5	29.1	-
		S/T	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.74	0.63	0.43	-	0.77	0.65	0.45	-	0.79	0.67	0.47	-	0.8	0.68	0.47	-
		kW	2.78	2.83	2.91	-	2.96	3.02	3.11	-	3.13	3.19	3.28	-	3.28	3.34	3.45	-	3.41	3.47	3.57	-	3.51	3.58	3.69	-
75	1344	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.2	32.9	33.8	36.6	39.4	32.1	33	35.8	38.4	30.5	31.4	33.9	36.4	28.2	29.1	31.5	33.7
		S/T	0.87	0.78	0.6	0.79	0.9	0.8	0.62	0.4	0.92	0.83	0.63	0.41	0.95	0.85	0.65	0.42	0.99	0.89	0.68	0.44	0.99	0.89	0.68	0.44
		kW	2.86	2.91	2.99	3.08	3.06	3.11	3.2	3.29	3.23	3.29	3.38	3.49	3.37	3.45	3.55	3.66	3.51	3.58	3.68	3.81	3.62	3.69	3.81	3.93
	1200	MBh	33.4	34.5	37.3	40	32.7	33.6	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.5	30.4	32.9	35.4	27.4	28.2	30.5	32.8
		S/T	0.83	0.74	0.57	0.37	0.86	0.77	0.59	0.38	0.88	0.79	0.6	0.39	0.91	0.81	0.62	0.4	0.94	0.84	0.65	0.42	0.95	0.85	0.65	0.42
		kW	2.84	2.89	2.97	3.05	3.03	3.09	3.18	3.27	3.2	3.26	3.36	3.47	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.78	3.59	3.66	3.78	3.9
	1056	MBh	31.8	32.8	35.5	38	31.1	32	34.6	37.1	30.3	31.2	33.8	36.3	29.5	30.4	32.9	35.4	28.1	29	31.3	33.6	26	26.8	29.1	31.1
		S/T	0.79	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.58	0.37	0.87	0.78	0.6	0.38	0.9	0.81	0.62	0.4	0.91	0.81	0.62	0.4
		kW	2.8	2.85	2.93	3.01	2.98	3.04	3.13	3.22	3.16	3.22	3.31	3.41	3.3	3.36	3.47	3.57	3.43	3.5	3.6	3.72	3.54	3.61	3.72	3.84
80	1344	MBh	35.1	35.9	38.3	40.9	34.3	35	37.4	40	33.4	34.2	36.5	39.1	32.7	33.3	35.7	38.1	31	31.7	33.8	36.2	28.8	29.4	31.4	33.5
		S/T	0.95	0.7	0.73	0.55	0.99	0.93	0.75	0.57	0.99	0.95	0.77	0.58	0.99	0.99	0.8	0.6	0.99	0.99	0.83	0.63	0.99	0.99	0.83	0.63
		kW	2.88	2.93	3.01	3.1	3.08	3.14	3.23	3.32	3.25	3.31	3.42	3.52	3.37	3.48	3.58	3.68	3.54	3.61	3.72	3.83	3.65	3.73	3.84	3.96
	1200	MBh	34.1	34.8	37.2	39.8	33.2	34	36.3	38.9	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37	30.1	30.8	32.9	35.2	27.9	28.5	30.4	32.6
		S/T	0.91	0.85	0.7	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.99	0.94	0.76	0.58	0.99	0.97	0.79	0.6	0.99	0.98	0.8	0.6
		kW	2.86	2.91	2.99	3.03	3.05	3.11	3.2	3.29	3.23	3.29	3.38	3.49	3.37	3.45	3.55	3.66	3.51	3.58	3.68	3.81	3.62	3.69	3.81	3.93
	1056	MBh	32.4	33	35.4	37.8	31.6	32.3	34.5	36.9	30.9	31.5	33.7	36.1	30.1	30.8	32.9	35.2	28.6	29.3	31.2	33.3	29.3	27.1	29	30.9
		S/T	0.87	0.82	0.67	0.5	0.9	0.85	0.7	0.52	0.93	0.87	0.71	0.53	0.96	0.9	0.73	0.55	0.99	0.93	0.76	0.57	0.99	0.94	0.76	0.58
		kW	2.82	2.87	2.95	3.03	3	3.06	3.16	3.25	3.18	3.24	3.33	3.44	3.32	3.4	3.5	3.6	3.46	3.53	3.63	3.75	3.67	3.64	3.75	3.87
85	1344	MBh	35.7	36.3	38.1	40.6	34.9	35.6	37.2	39.8	34	34.7	36.3	38.8	33.2	33.8	35.5	37.8	31.6	32.2	33.7	36	28.4	29.8	31.2	33.3
		S/T	0.99	0.97	0.87	0.71	0.99	0.99	0.9	0.73	0.99	0.99	0.9	0.75	0.99	0.99	0.96	0.77	0.99	0.99	0.99	0.8	0.99	0.99	0.99	0.81
		kW	2.9	2.95	3.03	3.13	3.1	3.16	3.25	3.34	3.27	3.34	3.44	3.54	3.43	3.5	3.6	3.72	3.56	3.63	3.75	3.86	3.65	3.76	3.87	3.99
	1200	MBh	34.7	35.4	37	39.5	33.8	34.5	36.2	38.6	33	33.7	35.3	37.6	32.3	32.9	34.4	36.7	30.6	31.2	32.8	34.9	26.9	29	30.3	32.4
		S/T	0.95	0.92	0.83	0.68	0.99	0.95	0.86	0.71	0.99	0.98	0.88	0.72	0.99	0.99	0.91	0.74	0.99	0.99	0.95	0.77	0.99	0.99	0.95	0.77
		kW	2.88	2.93	3.01	3.1	3.08	3.14	3.23	3.32	3.25	3.31	3.42	3.52	3.41	3.48	3.58	3.68	3.54	3.61	3.72	3.83	3.59	3.73	3.84	3.96
	1056	MBh	32.9	33.5	35.2	37.5	32.2	32.8	34.3	36.6	31.4	32	33.5	35.8	30.6	31.2	32.8	34.9	29.1	29.6	31.1	33.1	39.1	27.5	28.8	30.7
		S/T	0.91	0.88	0.79	0.65	0.95	0.91	0.82	0.68	0.97	0.94	0.84	0.69	0.99	0.97	0.87	0.72	0.99	0.99	0.91	0.73	0.71	0.99	0.91	0.74
		kW	2.84	2.89	2.97	3.05	3.03	3.09	3.18	3.27	3.2	3.26	3.36	3.46	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.78	4.27	3.66	3.78	3.9

EXPANDED PERFORMANCE DATA – PA9542AKA

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Dry 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	1540	MBh	37.3	40.4	43.9	-	36.1	39.2	42.5	-	35	37.7	41	-	33.4	36.2	39.3	-	31.9	34.6	37.6	-	30.3	33	35.8	-
		S/T	0.79	0.6	0.43	-	0.8	0.61	0.43	-	0.81	0.61	0.43	-	0.83	0.62	0.43	-	0.85	0.63	0.43	-	0.87	0.64	0.44	-
		kW	3.05	3.1	3.15	-	3.3	3.34	3.4	-	3.65	3.63	3.68	-	3.93	3.98	4.02	-	4.31	4.36	4.41	-	4.72	4.79	4.83	-
	1400	MBh	37.3	40.4	43.7	-	36.1	39.1	42.4	-	34.8	37.7	40.9	-	40.9	36.3	39.3	-	32	34.7	37.7	-	30.4	33	35.9	-
		S/T	0.77	0.59	0.44	-	0.78	0.6	0.43	-	0.79	0.6	0.44	-	0.44	0.61	0.44	-	0.82	0.62	0.44	-	0.84	0.63	0.44	-
		kW	2.88	2.93	2.98	-	3.13	3.17	3.23	-	3.42	3.46	3.51	-	3.51	3.81	3.85	-	4.16	4.19	4.23	-	4.57	4.62	4.66	-
	1260	MBh	37.2	40.1	43.4	-	35.9	38.9	42.1	-	34.7	37.6	40.7	-	33.3	36.1	39.2	-	32.2	34.6	37.5	-	30.4	32.8	35.8	-
		S/T	0.76	0.59	0.44	-	0.76	0.59	0.44	-	0.77	0.6	0.44	-	0.78	0.6	0.44	-	0.8	0.61	0.44	-	0.81	0.62	0.44	-
		kW	2.73	2.78	2.82	-	2.99	3.03	3.07	-	3.28	3.32	3.36	-	3.63	3.66	3.71	-	3.97	4.05	4.09	-	4.44	4.53	4.51	-
75	1540	MBh	37.6	40.3	43.7	47.2	36.5	39	42.3	45.8	35.2	37.6	40.8	44.2	33.9	36.1	39.1	42.5	32.7	34.5	37.4	40.7	31.4	32.8	35.6	38.7
		S/T	0.96	0.77	0.59	0.43	0.97	0.78	0.59	0.43	0.99	0.79	0.6	0.43	1.01	0.81	0.61	0.43	1.01	0.82	0.62	0.43	1.01	0.84	0.63	0.44
		kW	2.96	3.1	3.15	3.21	3.19	3.35	3.4	3.46	3.47	3.64	3.69	3.75	3.8	3.98	4.03	4.08	4.15	4.36	4.41	4.46	4.54	4.78	4.83	4.88
	1400	MBh	37.2	40.3	43.6	47.1	36.2	39	42.2	45.7	35	37.6	40.8	44.2	33.7	36.1	39.2	42.5	32.4	34.5	37.5	40.7	31	32.9	35.7	38.8
		S/T	0.93	0.75	0.58	0.43	0.95	0.76	0.58	0.43	0.96	0.77	0.59	0.43	0.98	0.78	0.6	0.43	1	0.8	0.61	0.44	1.01	0.82	0.62	0.44
		kW	2.85	2.93	2.98	3.03	3.07	3.18	3.23	3.28	3.35	3.46	3.52	3.57	3.68	3.81	3.86	3.91	4.06	4.2	4.24	4.29	4.45	4.62	4.66	4.71
	1260	MBh	37.1	40	43.2	46.7	35.9	38.8	41.9	45.4	34.7	37.4	40.6	43.9	33.4	36	39	42.3	32.1	34.5	37.4	40.6	30.7	32.8	35.7	38.7
		S/T	0.9	0.73	0.57	0.43	0.92	0.74	0.57	0.43	0.93	0.75	0.58	0.43	0.95	0.76	0.59	0.43	0.96	0.77	0.59	0.44	0.98	0.79	0.6	0.44
		kW	2.71	2.78	2.83	2.88	2.96	3.03	3.08	3.13	3.24	3.32	3.37	3.41	3.58	3.67	3.71	3.76	3.95	4.05	4.09	4.14	4.37	4.48	4.51	4.56
80	1540	MBh	39.4	40.4	43.5	47	38.4	39.2	42.1	45.6	37.5	37.8	40.6	44	36.1	36.4	39	42.2	34.8	35	37.2	40.4	33.5	33.5	35.5	38.5
		S/T	1.01	0.93	0.74	0.57	1.01	0.94	0.75	0.58	1.01	0.96	0.77	0.59	1.01	0.97	0.78	0.59	1.01	0.99	0.8	0.6	1.01	1.01	0.82	0.62
		kW	2.84	3.03	3.16	3.21	3.1	3.27	3.41	3.46	3.42	3.54	3.69	3.75	3.74	3.87	4.03	4.09	4.13	4.24	4.42	4.47	4.55	4.63	4.83	4.89
	1400	MBh	38.7	40.3	43.4	46.9	37.7	39	42.1	45.5	36.8	37.7	40.6	44	35.5	36.3	39	42.3	34.3	34.7	37.3	40.5	33	33.3	35.6	38.6
		S/T	1.01	0.9	0.72	0.56	1.01	0.91	0.73	0.57	1.01	0.93	0.74	0.58	1.01	0.95	0.76	0.58	1.01	0.96	0.77	0.59	1.01	0.98	0.79	0.6
		kW	2.71	2.89	2.98	3.03	2.96	3.13	3.23	3.28	3.32	3.41	3.52	3.57	3.61	3.75	3.86	3.91	3.99	4.13	4.24	4.29	4.42	4.53	4.66	4.71
	1260	MBh	37.8	39.9	43.1	46.6	36.8	38.7	41.8	45.2	35.8	37.4	40.4	43.7	34.7	35.9	38.9	42.1	33.6	34.5	37.2	40.4	32.3	33	35.5	38.5
		S/T	1.01	0.87	0.7	0.55	1.01	0.88	0.71	0.56	1.01	0.9	0.72	0.56	1.01	0.91	0.73	0.57	1.01	0.93	0.75	0.58	1.01	0.95	0.76	0.59
		kW	2.63	2.77	2.83	2.88	2.86	3.01	3.08	3.13	3.15	3.29	3.37	3.42	3.5	3.64	3.71	3.76	3.89	4.01	4.09	4.14	4.31	4.42	4.51	4.56
85	1540	MBh	41.7	41.7	43.4	46.8	40.7	40.7	42.1	45.4	39.6	39.6	40.7	43.8	38.6	38.4	39.1	42	37	37	37.5	40.2	35.6	35.6	35.9	38.3
		S/T	1.01	1.01	0.9	0.72	1.01	1.01	0.91	0.73	1.01	1.01	0.93	0.74	1.01	1.01	0.94	0.76	1.01	1.01	0.96	0.77	1.01	1.01	0.98	0.79
		kW	2.88	2.88	3.08	3.22	3.13	3.13	3.35	3.47	3.42	3.43	3.62	3.75	3.81	3.77	3.95	4.09	4.16	4.16	4.31	4.47	4.58	4.59	4.72	4.89
	1400	MBh	40.9	41	43.3	46.7	39.9	40	42	45.3	38.8	38.8	40.6	43.8	37.9	37.7	39	42.1	36.4	36.4	37.4	40.1	35.1	35.1	35.8	38.4
		S/T	1.01	1.01	0.87	0.7	1.01	1.01	0.88	0.71	1.01	1.01	0.9	0.72	1.01	1.01	0.91	0.73	1.01	1.01	0.93	0.75	1.01	1.01	0.95	0.77
		kW	2.74	2.8	2.96	3.04	3	3.03	3.2	3.29	3.29	3.29	3.48	3.58	3.68	3.64	3.81	3.91	4.03	4.03	4.18	4.32	4.45	4.46	4.59	4.71
	1260	MBh	39.9	40.2	42.9	46.4	39	39.1	41.7	45	37.9	38	40.3	43.5	36.8	36.8	38.8	41.9	35.6	35.6	37.2	40.2	40.2	34.4	35.5	38.4
		S/T	1.01	1.01	0.84	0.68	1.01	1.01	0.85	0.69	1.01	1.01	0.86	0.7	1.01	1.01	0.88	0.71	1.01	1.01	0.9	0.72	0.72	1.01	0.92	0.74
		kW	2.63	2.7	2.83	2.88	2.88	2.94	3.07	3.13	3.18	3.22	3.35	3.42	3.52	3.55	3.69	3.76	3.91	3.91	4.06	4.14	4.14	4.34	4.48	4.56

* Entering Indoor Temperature – Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

EXPANDED PERFORMANCE DATA - PA9548AKA

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Dry 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	1595	MBh	43.3	47	50.9	-	41.9	45.4	49.2	-	40.7	43.7	47.4	-	38.7	41.9	45.4	-	37	40.1	43.5	-	35.2	38.2	41.6	-
		S/T	0.77	0.59	0.43	-	0.79	0.6	0.43	-	0.79	0.6	0.43	-	0.81	0.61	0.43	-	0.83	0.62	0.43	-	0.84	0.63	0.43	-
		kW	3.52	3.58	3.64	-	3.83	3.88	3.95	-	4.24	4.24	4.3	-	4.58	4.64	4.71	-	5.02	5.11	5.17	-	5.53	5.64	5.71	-
	1450	MBh	43.1	46.7	50.6	-	41.7	45.2	49	-	40.2	43.5	47.1	-	38.6	41.6	45.3	-	36.9	40	43.4	-	35.2	38.2	41.5	-
		S/T	0.76	0.59	0.43	-	0.77	0.59	0.43	-	0.78	0.59	0.43	-	0.79	0.6	0.43	-	0.8	0.61	0.44	-	0.82	0.61	0.44	-
		kW	3.36	3.41	3.47	-	3.66	3.72	3.78	-	4.02	4.07	4.13	-	4.42	4.46	4.54	-	4.88	4.94	5	-	5.39	5.47	5.53	-
	1305	MBh	42.7	46.2	49.9	-	41.3	44.8	48.4	-	39.9	43.1	46.7	-	38.3	41.4	44.9	-	36.7	39.7	43.1	-	35.4	38	41.2	-
		S/T	0.74	0.58	0.44	-	0.75	0.58	0.44	-	0.76	0.59	0.44	-	0.77	0.59	0.44	-	0.78	0.6	0.44	-	0.79	0.6	0.44	-
		kW	3.22	3.27	3.32	-	3.52	3.57	3.63	-	3.88	3.93	3.98	-	4.28	4.33	4.39	-	4.73	4.79	4.85	-	5.13	5.32	5.38	-
75	1595	MBh	43.6	46.8	50.8	54.9	42.3	45.3	49.1	53.1	40.8	43.5	47.2	51.1	39.6	41.8	45.3	49	37.7	40	43.3	47	36.2	38.2	41.2	44.9
		S/T	0.93	0.75	0.58	0.42	0.95	0.76	0.58	0.43	0.96	0.77	0.59	0.43	0.98	0.79	0.6	0.43	1	0.8	0.6	0.43	1	0.82	0.61	0.43
		kW	3.43	3.58	3.64	3.7	3.73	3.89	3.95	4.01	4.07	4.24	4.3	4.37	4.53	4.65	4.71	4.78	4.88	5.1	5.18	5.25	5.37	5.62	5.76	5.78
	1450	MBh	43.2	46.6	50.4	54.5	41.9	45.1	48.8	52.8	40.7	43.4	47	50.9	38.9	41.7	45.1	48.9	37.4	39.9	43.2	46.9	35.7	38.1	41.3	44.8
		S/T	0.91	0.73	0.57	0.43	0.92	0.74	0.57	0.43	0.94	0.75	0.58	0.43	0.95	0.76	0.59	0.43	0.97	0.78	0.59	0.43	0.98	0.79	0.6	0.43
		kW	3.31	3.42	3.47	3.53	3.6	3.72	3.78	3.84	4.02	4.07	4.13	4.2	4.34	4.48	4.54	4.61	4.78	4.94	5	5.08	5.28	5.47	5.53	5.61
	1305	MBh	42.8	46.1	49.8	53.9	41.4	44.7	48.3	52.2	40	43	46.6	50.4	38.4	41.4	44.8	48.5	36.9	39.6	43	46.6	35.3	37.9	41.1	44.6
		S/T	0.88	0.71	0.56	0.43	0.89	0.72	0.56	0.43	0.91	0.73	0.57	0.43	0.92	0.74	0.58	0.43	0.94	0.75	0.58	0.43	0.96	0.77	0.59	0.43
		kW	3.18	3.27	3.32	3.38	3.49	3.58	3.63	3.69	3.84	3.93	3.99	4.04	4.23	4.33	4.39	4.46	4.68	4.79	4.86	4.92	5.19	5.32	5.39	5.45
80	1595	MBh	45.5	47	50.6	54.7	44.3	45.5	48.9	52.9	43.3	43.9	47	50.9	41.6	42.2	45.1	48.9	40.4	40.5	43.2	46.8	38.7	38.8	41.3	44.7
		S/T	1	0.9	0.72	0.56	1	0.91	0.73	0.57	1	0.93	0.75	0.57	1	0.95	0.76	0.58	1	0.96	0.78	0.59	1	0.98	0.79	0.6
		kW	3.3	3.51	3.65	3.71	3.61	3.81	3.95	4.02	4.04	4.15	4.31	4.37	4.38	4.54	4.72	4.78	4.79	4.98	5.18	5.25	5.38	5.49	5.7	5.79
	1450	MBh	44.4	46.6	50.3	54.4	43.3	45.1	48.7	52.6	42.1	43.5	46.8	50.7	40.8	41.9	45	48.7	39.3	40.2	43.1	46.7	37.9	38.5	41.2	44.7
		S/T	1	0.87	0.7	0.55	1	0.89	0.71	0.56	1	0.9	0.72	0.56	1	0.92	0.74	0.57	1	0.94	0.75	0.58	1	0.95	0.77	0.59
		kW	3.17	3.38	3.48	3.53	3.48	3.68	3.78	3.84	3.85	4.02	4.14	4.2	4.26	4.42	4.54	4.61	4.72	4.86	5.01	5.08	5.25	5.38	5.54	5.61
	1305	MBh	43.3	46	49.7	53.8	42.1	44.6	48.2	52.1	41	43	46.5	50.2	39.7	41.4	44.7	48.4	38.6	39.7	42.8	46.4	37	38	41	44.4
		S/T	1	0.85	0.69	0.54	1	0.86	0.69	0.55	1	0.87	0.7	0.55	1	0.89	0.71	0.56	1	0.9	0.73	0.57	1	0.92	0.74	0.57
		kW	3.11	3.25	3.32	3.38	3.41	3.55	3.63	3.69	3.74	3.92	3.99	4.04	4.14	4.3	4.39	4.46	4.55	4.75	4.86	4.93	5.13	5.27	5.39	5.46
85	1595	MBh	48.1	48.1	50.6	54.5	46.9	46.9	49	52.7	45.6	45.6	47.2	50.7	44.1	44.2	45.4	48.7	42.6	42.7	43.5	46.6	41.1	41.1	41.7	44.5
		S/T	1	1	0.87	0.7	1	1	0.88	0.71	1	1	0.9	0.72	1	1	0.92	0.73	1	1	0.93	0.75	1	1	0.95	0.77
		kW	3.34	3.38	3.6	3.71	3.65	3.65	3.89	4.02	4.01	4.01	4.23	4.38	4.42	4.43	4.63	4.79	4.89	4.89	5.08	5.25	5.43	5.43	5.6	5.78
	1450	MBh	47	47.1	50.2	54.2	45.8	45.9	48.6	52.5	52.5	44.6	46.9	50.6	43.2	43.2	45.1	48.6	41.8	41.8	43.2	46.5	40.3	40.3	41.4	44.5
		S/T	1	1	0.84	0.68	1	1	0.85	0.69	0.69	1	0.87	0.7	1	1	0.88	0.71	1	1	0.9	0.72	1	1	0.92	0.74
		kW	3.21	3.29	3.45	3.54	3.52	3.58	3.75	3.85	3.84	3.91	4.1	4.2	4.29	4.3	4.5	4.61	4.76	4.77	4.95	5.08	5.3	5.3	5.47	5.61
	1305	MBh	45.6	46.4	49.6	53.6	44.6	45.1	48.1	51.9	43.3	43.6	46.4	50.1	42.3	42.1	44.7	48.2	40.7	40.7	42.8	46.3	39.3	39.3	41	44.3
		S/T	1	0.96	0.81	0.66	1	0.97	0.82	0.67	1	0.99	0.83	0.68	1	1	0.85	0.69	1	1	0.87	0.7	1	1	0.89	0.71
		kW	3.1	3.2	3.32	3.38	3.41	3.49	3.62	3.69	3.77	3.83	3.97	4.05	4.24	4.22	4.37	4.46	4.64	4.66	4.83	4.93	5.18	5.19	5.35	5.46

* Entering Indoor Temperature - Degrees F. Dry Bulb

Standard Rating

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ELECTRICAL DATA TABLE: STRIP HEATERS

HEATER MODEL	Used With	Supply Voltage	KW Rating	Nominal Heating BTUH	Supply Circuit No.	Heater Amps	Mininum 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	PA9524 - 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 Number	Accessory Description
NACA001DK	**BASIC 7 FOOT DUCT KIT:** Includes (1) 12" x 7' & (1) 14" x 5' flex duct with 4" collars on both ends; (2) 12" Duct Clamps-Gear Drive; (2) 14" Duct Clamps-Gear Drive; (1) 12" x 20" Insulated Steel Return Air Plenum; (1) 12" x 20" Walk-On Return Air Grille; (1) 12" Dovetail Duct Adapter; (1) Air Filter 18-1/2" x 20" x 1".
NACA002DK	**DOUBLE SUPPLY DUCT KIT:** Includes (1) 10" x 14' Long Flex Duct with 4" Collars on both Ends; (1) Insulated Steel Wye -12" x 10" x 10"; (4) 10" Duct Clamps; (2) 10" Dovetail Duct Adapters; (1) Installation Instructions.
NACA003DK	**BASIC 10 FOOT DUCT KIT:** Includes (1) 12" x 10' Flex Duct with 4" Collars on Both Ends; (1) 14" x 10' Flex Duct With 4" Collars on Both Ends; (2) 12" Duct Clamps - Gear Drive; (2) 14" Duct Clamps - Gear Drive; (1) 12" Dovetail Duct Adapter; (1) 12" x 20" Insulated Steel Return Air Plenum; (1) 12" x 20" Walk-On Return Air Grille; (1) Air Filter 18-1/2" x 20" x 1".
NAXA001DK	**DOUBLE RETURN DUCT KIT:** Includes (1) 14" x 14" Flex Duct with 4" Collars on both Ends; (4) 14" Duct Clamps; (1) 12" x 20" Insulated Steel Return Air Plenum; (1) 12" x 20" Walk-On Return Air Grille; (1) 18" x 18" x 1 Permanent Air Filter; (1) 14" x 14" x 14" Insulated Steel Wye

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.**

SERIES ACCESSORIES

UNIT CIRCUIT BREAKERS - (REQUIRED WITH BREAKER STYLE HEATER FOR UNIT DISCONNECT FEATURE ORDER FROM SERVICE PARTS

Breaker Amps	Part Number	Application
20	1082007	N/A
25	1082008	2 TON
30	1082009	$2^1/_2$ TON
35	1082010	3 TON
40	1082011	3 TON
45	1082012	$3^1/_2$ TON
50	1082013	$3^1/_2$ - 4 TON
60	1082014	4 TON
60 Switch	1082042	Fits All - Disconnect Switch Only (No Over Current Protection)
AMM001DSA	**DISCONNECT SWITCH KIT (includes 60A switch & rain shield) BREAKER FOR UNIT ONLY. FOR "NO HEAT" or PIGTAIL STYLE HEATER APPLICATION ONLY.**	

COOLING MODEL NUMBER IDENTIFICATION GUIDE:

MODEL NUMBER	P	A	9		5	2 4	A	K

PRODUCT FAMILY
P - PACKAGE

PRODUCT TYPE
A - A/C
H - HEAT PUMP

GROUP
5 - Standard Efficiency
9 - High Eficiency

SERIES

CAPACITY MBTUH

FEATURES

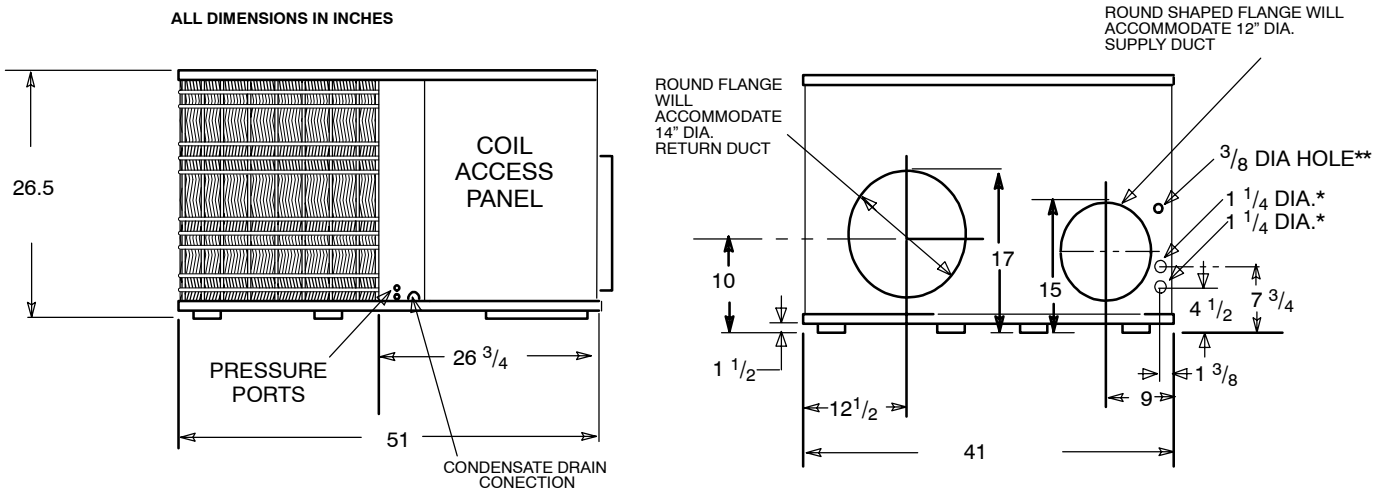
VOLTAGE

CODE	VOLTS	CYCLE	PHASE
K	1	60	208/230-240

UNIT DIMENSIONS

NOTE: DUCT COLLARS ATTACHED TO SUPPLY AND RETURN MUST BE REVERSED AT INSTALLATION.

ALL DIMENSIONS IN INCHES



* ELECTRICAL ACCESS FOR LINE VOLTAGE POWER SUPPLY-ONE FOR UNIT, ONE FOR HEATER
** FOR LOW VOLTAGE WIRING