



TECHNICAL SPECIFICATIONS

Model PAH4VMX



M1200 Product Line

**R-410A Variable Speed Air Handler with TXV
14 Plus SEER Residential System**

- **M1200 – 12 YEAR ALL PARTS LIMITED WARRANTY**
- **M1200 WITH UPGRADED WARRANTY PACKAGE – 12 YEAR ALL PARTS & LABOR LIMITED WARRANTY**
- **Product registration required for 12 year All Parts Warranty within a limited period of time after the installation. See current warranty document for details. This can be viewed at www.maytagvac.com or ask your sales representative.**

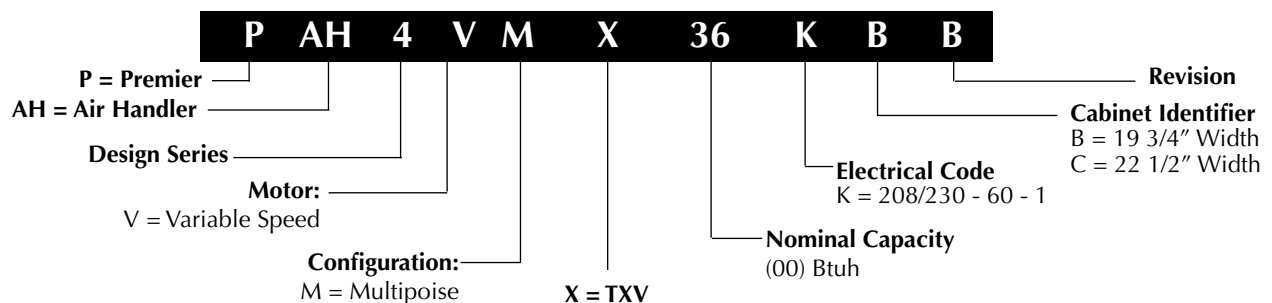


The PAH4VMX Series of air handlers, when combined with our heat pump or air conditioner, offers a full line of quality, split system heating and cooling equipment.

Features and Benefits

- **ECM Variable Speed Motor:** New technology allows for 12 selected cooling airflows and 4 heating airflows to match any application.
- **Quiet Blower Operation:** Extra quiet and smooth blower on and off cycles.
- **Constant airflow:** Motor automatically adjusts to different static loads.
- **Pre-programmed delay profile:** Increase efficiency and comfort.
- **Reduced air stratification:** This results in improved air quality by optimizing humidity removal and filtration capabilities.
- **Multi-poised:** Can be used in horizontal, upflow, downflow and vertical applications.
- **Built in Filter Rack:** Makes the air handler easy to service.
- **Plug-in Heater Kits:** Available in 5 kw through 30 kw
- **Breaker Accessibility:** Breaker accessible from the front of the unit when heater is applied.
- **Plastic Drain Pan:** Provides corrosion resistance.
- **Durable Cabinet:** Galvanized steel with a polyurethane finish. The finish will endure 950 hours of salt spray and resist corrosion 50% better than comparable units.
- **Circuit Board:** Incorporating blower delay relay, low voltage terminal strip, and heat-strip sequencing.
- **Ease-of-Service:** Plug-in wire connections and built-in filter rack makes the air handler easy to service.
- **No Fasteners on Sides or Back:** Smooth surfaces for installations.
- **Thermal Expansion Valve:** Factory installed externally equalized thermal expansion valve provides precise refrigerant control under varying load conditions.
- **Cabinet Insulation:** 1" insulation with an R-value of 4.2 contributes to quiet operation and prevents cabinet sweating in difficult applications.
- **Designed to meet the requirements 610.2A.2:** Meets Florida building code requirements for air leakage.

IDENTIFICATION CODE



ACCESSORIES

Accessory Kit Description	Cabinet Size			Part Number
	A	B	C	
Downflow Adaptor Kit	X			917342
		X		919321
			X	919322
Single Circuit Adaptor for 2 Circuit Breakers	X	X	X	913874
Single Circuit Adaptor for 3 Circuit Breakers	n/a	n/a	X	913556

SPECIFICATIONS

Model PAH4VMX	24K-A	24K-B	30K-A	30K-B	36K-B	48K-B	48K-C	60K-C
Refrigerant Flow Control	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Maximum Available Auxiliary Heat (kw)	10	20	15	20	20	20	30	30
Nominal Blower Size (D X W)	10 x 6	11 x 8	10 x 6	11 x 8	11 x 8	11 x 8	11 x 10	11 x 10
Variable Speed Motor HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
CFM*	540 - 1165	720 - 1450	540 - 1165	720 - 1390	720 - 1450	720 - 1450	1075 - 2150	1075 - 2150
Filter Size	12 x 20 x 1	18 x 20 x 1	12 x 20 x 1	18 x 20 x 1	18 x 20 x 1	18 x 20 x 1	20 x 20 x 1	20 x 20 x 1
Approximate Shipping Weight (lbs.)	91	120	91	111	140	140	170	170

NOTE: See current AHRI Directory for certified combinations and ratings.

www.ahridirectory.org

AIRFLOW SETTING

A-CABINET									
CFM	Switch Number				Nominal Capacity				
	1	2	3	4	1.5	2.0	2.5	3.5	5.0
540	0	0	0	1					
600	0	0	0	0					
660	0	0	1	0					
715	1	0	0	1					
790	1	0	0	0					
870	1	0	1	0					
915	0	1	0	1					
955	1	1	0	1					
1015	0	1	0	0					
1060	0	1	1	0					
1075	1	1	0	0					
1165	1	1	1	0					

B-CABINET													
CFM	Switch Number				Nominal Capacity								
	1	2	3	4	1.5	2.0	2.5	3.0	3.5	4.0			
720	0	0	0	1									
800	0	0	0	0									
850	1	0	0	1									
880	0	0	1	0									
945	1	0	0	0									
1040	1	0	1	0									
1085	0	1	0	1									
1140	1	1	0	1									
1205	0	1	0	0									
1265	1	1	0	0									
1325	0	1	1	0									
1390	1	1	1	0									

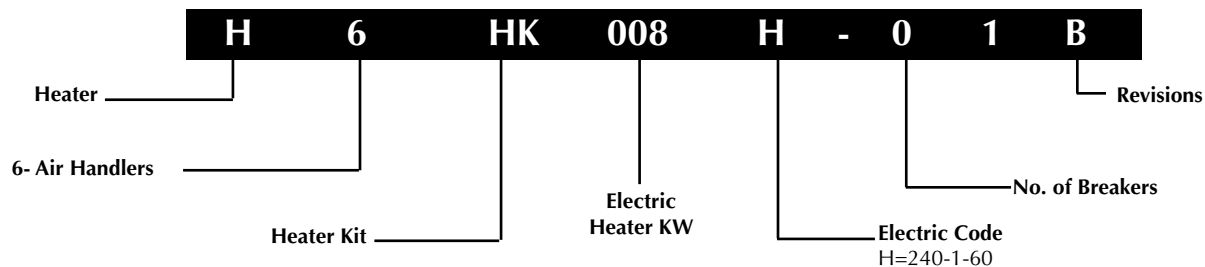
C-CABINET										
CFM	Switch Number				Nominal Capacity					
	1	2	3	4	3.0	3.5	4.0	5.0		
1075	0	0	0	1						
1135	1	0	0	1						
1225	0	0	0	0						
1295	1	0	0	0						
1380	0	0	1	0						
1460	1	0	1	0						
1525	0	1	0	1						
1625	1	1	0	1						
1740	0	1	0	0						
1860	1	1	0	0						
1960	0	1	1	0						
2090	1	1	1	0						

Note: 1 = ON, 0 = OFF

ELECTRICAL DATA

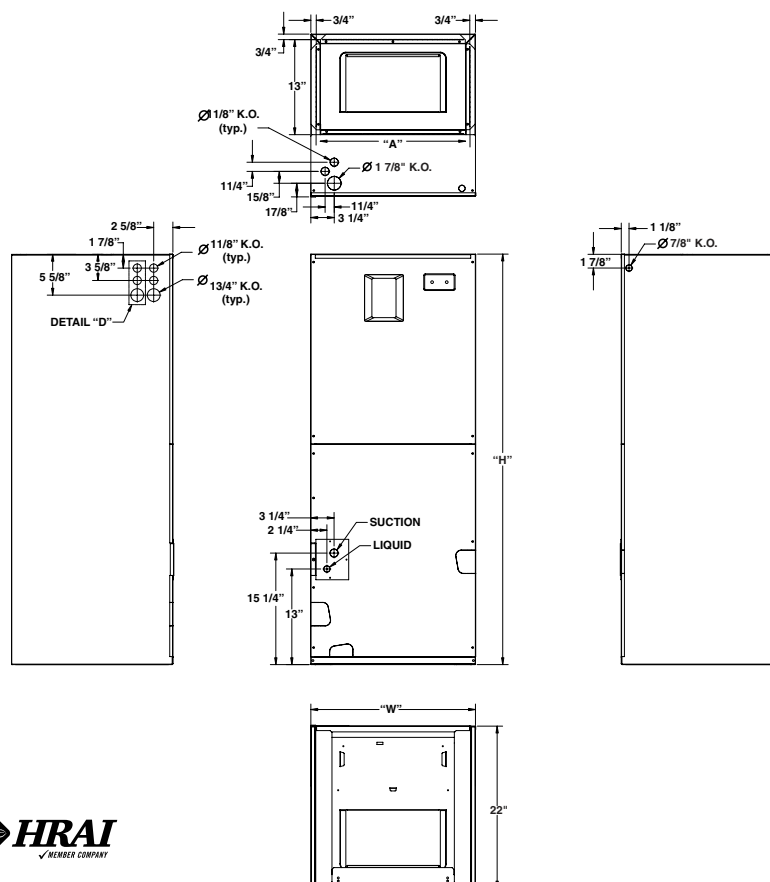
			Variable Speed Air Handler							
			Min. Circuit Ampacity				Max. Over-Current Protection			
			Circuit A	Circuit B	Circuit C	Single Circuit	Circuit A	Circuit B	Circuit C	Single Circuit
005H-XX	240	4.8	-	-	-	33.5	-	-	-	40
008H-XX	240	7.5	-	-	-	48.1	-	-	-	50
010H-XX	240	9.6	-	-	-	58.5	-	-	-	60
015H-XX	240	14.4	58.5	25.0	-	83.5	60	30	-	90
020H-XX	240	19.2	58.5	50.0	-	108.5	60	50	-	125
025H-XX	240	24.0	58.5	50.0	25.0	133.5	60	30	30	150
030H-XX	240	28.8	58.5	50.0	50.0	158.5	60	50	60	175
005H-XX	208	3.6	-	-	-	30.9	-	-	-	40
008H-XX	208	5.6	-	-	-	43.1	-	-	-	50
010H-XX	208	7.2	-	-	-	52.5	-	-	-	60
015H-XX	208	10.8	52.5	21.6	-	74.2	60	30	-	80
020H-XX	208	14.4	52.5	43.3	-	95.8	60	50	-	100
025H-XX	208	18.0	52.5	43.3	21.6	74.2	60	30	25	125
030H-XX	208	21.6	52.5	43.3	43.3	95.8	60	50	50	150
009Q-XX	240	9.0	-	-	-	35.6	-	-	-	40
015Q-XX	240	14.4	-	-	-	51.9	-	-	-	60
009Q-XX	208	6.8	-	-	-	32.1	-	-	-	40
015Q-XX	208	10.8	-	-	-	46.0	-	-	-	50

IDENTIFICATION CODE



DIMENSIONS

Models PAH4VMX	Height	Width	Refrigerant Connections		Filter Size	Supply Air Duct Dimensions
			Suction Dia.	Liquid Dia.		
24K-A	43 1/2"	14 1/4"	3/4"	3/8"	12 x 20 x 1	12 7/8 x 12 3/4"
24K-B	49 1/2"	19 3/4"	7/8"	3/8"	18 x 20 x 1	12 7/8 x 18 1/4"
30K-A	43 1/2"	14 1/4"	3/4"	3/8"	12 x 20 x 1	12 7/8 x 12 3/4"
30K-B	43 1/2"	19 3/4"	3/4"	3/8"	18 x 20 x 1	12 7/8 x 18 1/4"
36K-B	49 1/2"	19 3/4"	7/8"	3/8"	18 x 20 x 1	12 7/8 x 18 1/4"
48K-B	49 1/2"	19 3/4"	7/8"	3/8"	18 x 20 x 1	12 7/8 x 18 1/4"
48K-C	56"	22 1/2"	7/8"	3/8"	20 x 20 x 1	12 7/8 x 21"
60K-C	56"	22 1/2"	7/8"	3/8"	20 x 20 x 1	12 7/8 x 21"



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