



GB4VM-X Series

Variable Speed Air Handler

14+ SEER Residential System

24,000 - 60,000 Btuh (Heat Pump & Air Conditioner)

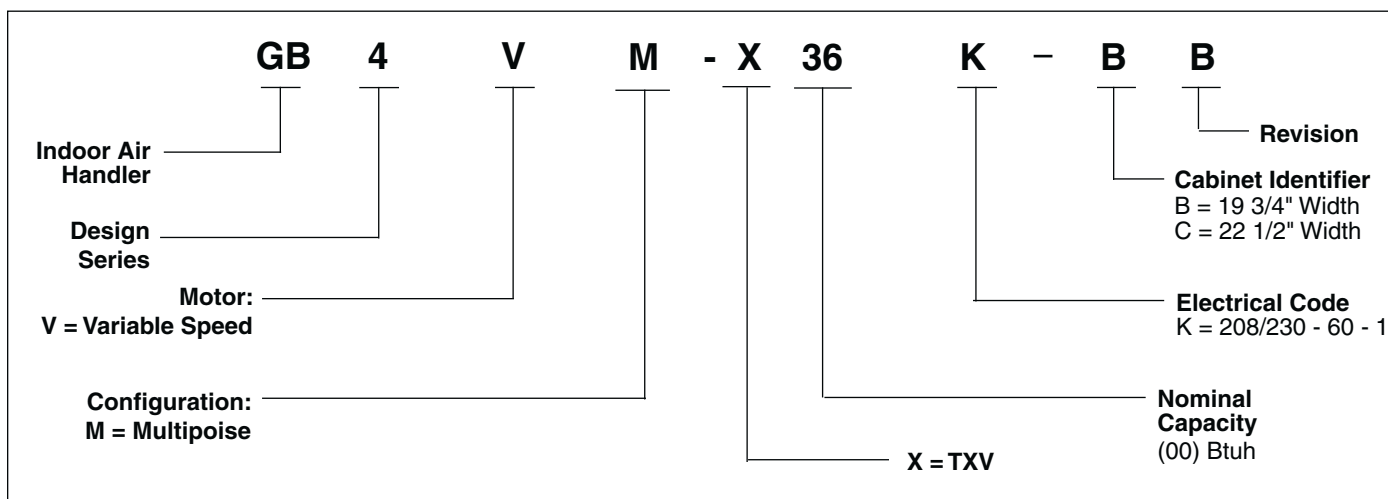
The GB4VM-X Series of air handlers, when combined with our heat pump or air conditioner, offers a full line of quality, split system heating and cooling equipment.

FEATURES and BENEFITS

- **Warranty**
 - This product offers a 10-year all-parts warranty.
 - Consumer product registration required for 10 year All Parts Warranty and Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site listed on the back of this document for warranty details.
- **Durable, Attractive Cabinet** — Designed using galvanized steel. The door is also galvanized steel, with a polyester urethane finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units. The plastic drain pan is corrosion-resistant.
- **ECM Variable Speed Motor** - Programmed to provide 12 field-selectable 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.
- **Selectable delay profiles** - Increases 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
- **Circuit Board** — Incorporating blower time delay relay, low voltage terminal strip, and heat-strip sequencing.
- **Breaker Accessibility** - Breaker accessible from the front of the unit when heater is applied.
- **Plastic Drain Pan** - Provides corrosion resistance.
- **Thermal Expansion Valve** - Factory installed externally equalized thermal expansion valve provides precise refrigerant control under varying load conditions.



MODEL IDENTIFICATION CODE



SPECIFICATIONS

Model GB4VM-X	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

*Field selectable in 12 steps

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

www.ahridirectory.org

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

240v Single-Phase Electric Heater Kits

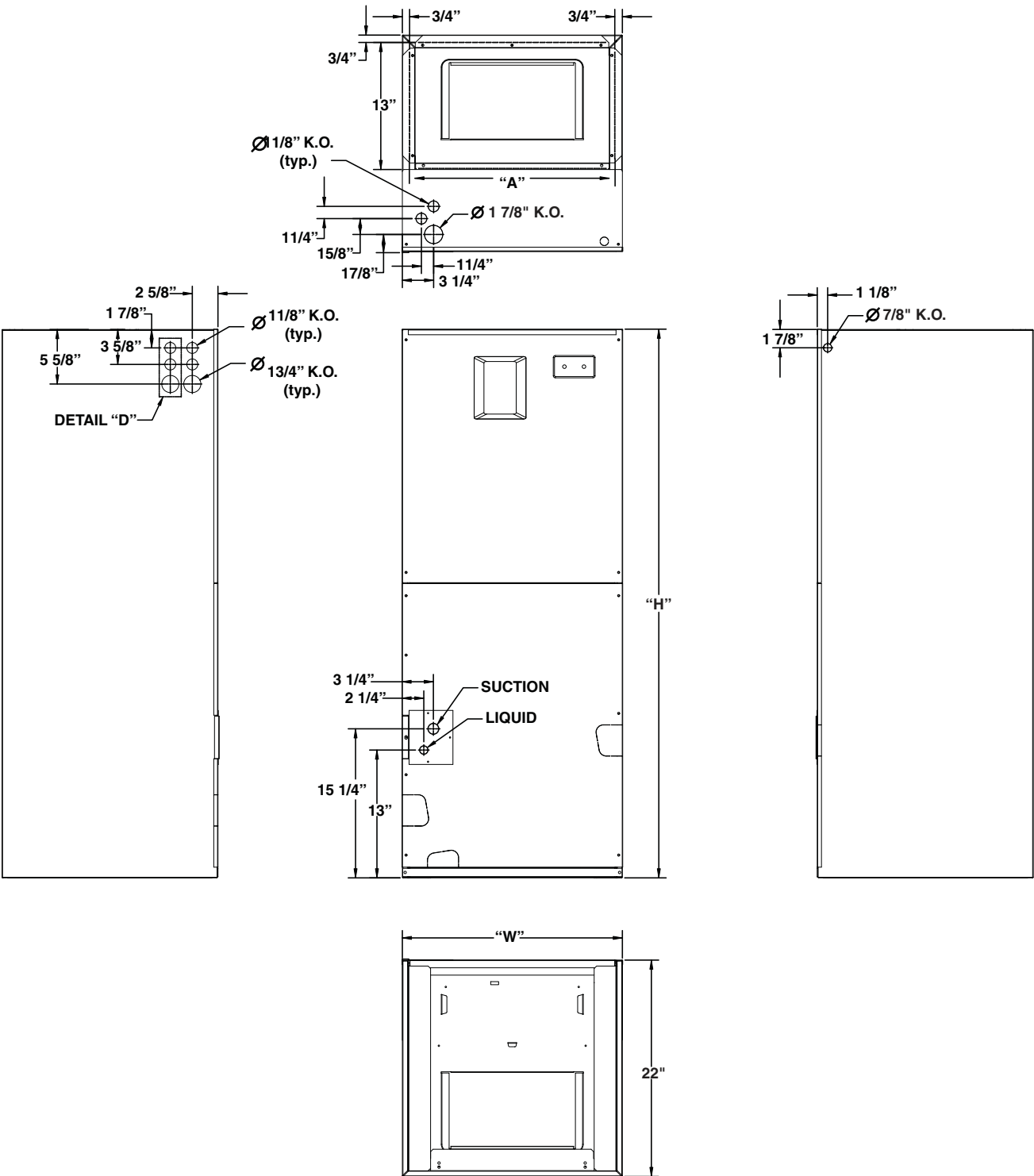
Nominal KW	Matched Units								Part Number	
	24K-A	24K-B	30K-A	30K-B	36K-B	48K-B	48K-C	60K-C	With Circuit Breakers	Without Circuit Breakers
5	X	X	X	X	X	X	X	X	904407	904406
8	X	X	X	X	X	X	X	X	904409	904408
10	X	X	X	X	X	X	X	X	904412	904411
15	n/a	X	X	X	X	X	X	X	904414	n/a
20	n/a	X	n/a	X	X	X	X	X	904416	n/a
25	n/a	n/a	n/a	n/a	n/a	n/a	X	X	904417	n/a
30	n/a	n/a	n/a	n/a	n/a	n/a	X	X	904418	n/a

240v Three-Phase Electric Heater Kits

Nominal KW	Matched Units								Part Number	
	24K-A	24K-B	30K-A	30K-B	36K-B	48K-B	48K-C	60K-C	With Circuit Breakers	Without Circuit Breakers
9	X	X	X	X	X	X	X	X	904410	n/a
15	n/a	X	X	X	X	X	X	X	904415	n/a

DIMENSIONS

Models GB4VM-X	Height	Width	Refrigerant Connections		Filter Size	Supply Air Duct Dimmensions
			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



ELECTRICAL DATA

			Variable Speed Air Handler							
			Min. Circuit Ampacity				Max. Over-Current Protection			
Model Number	Voltage	KW	Circuit A	Circuit B	Circuit C	Single Circuit	Circuit A	Circuit B	Circuit C	Single Circuit
005H-XX	240	4.8	-	-	-	34	-	-	-	40
008H-XX	240	7.5	-	-	-	48	-	-	-	50
010H-XX	240	9.6	-	-	-	59	-	-	-	60
015H-XX	240	14.4	59	25	-	83	60	30	-	90
020H-XX	240	19.2	59	50	-	109	60	60	-	125
025H-XX	240	24.0	59	50	25	134	60	60	30	150
030H-XX	240	28.8	59	50	50	159	60	60	60	175
005H-XX	208	3.6	-	-	-	30	-	-	-	40
008H-XX	208	5.6	-	-	-	42	-	-	-	50
010H-XX	208	7.2	-	-	-	52	-	-	-	60
015H-XX	208	10.8	52	22	-	73	60	25	-	80
020H-XX	208	14.4	52	43	-	95	60	50	-	100
025H-XX	208	18.0	52	43	22	117	60	50	25	125
030H-XX	208	21.6	52	43	43	138	60	50	50	150
009Q-XX	240	9.0	-	-	-	36	-	-	-	40
015Q-XX	240	14.4	-	-	-	52	-	-	-	60
009Q-XX	208	6.8	-	-	-	32	-	-	-	40
015Q-XX	208	10.8	-	-	-	46	-	-	-	50

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



We Encourage Professionalism
 Through Technician Certification by NATE



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