

SUBMITTAL DATA

GMV-ND24A/B-T(U) for use with VRF Outdoor Unit
24000 BTU/H Multi-Position Air Handler Unit

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	

 GMV-ND24A/B-T(U)	 XE70
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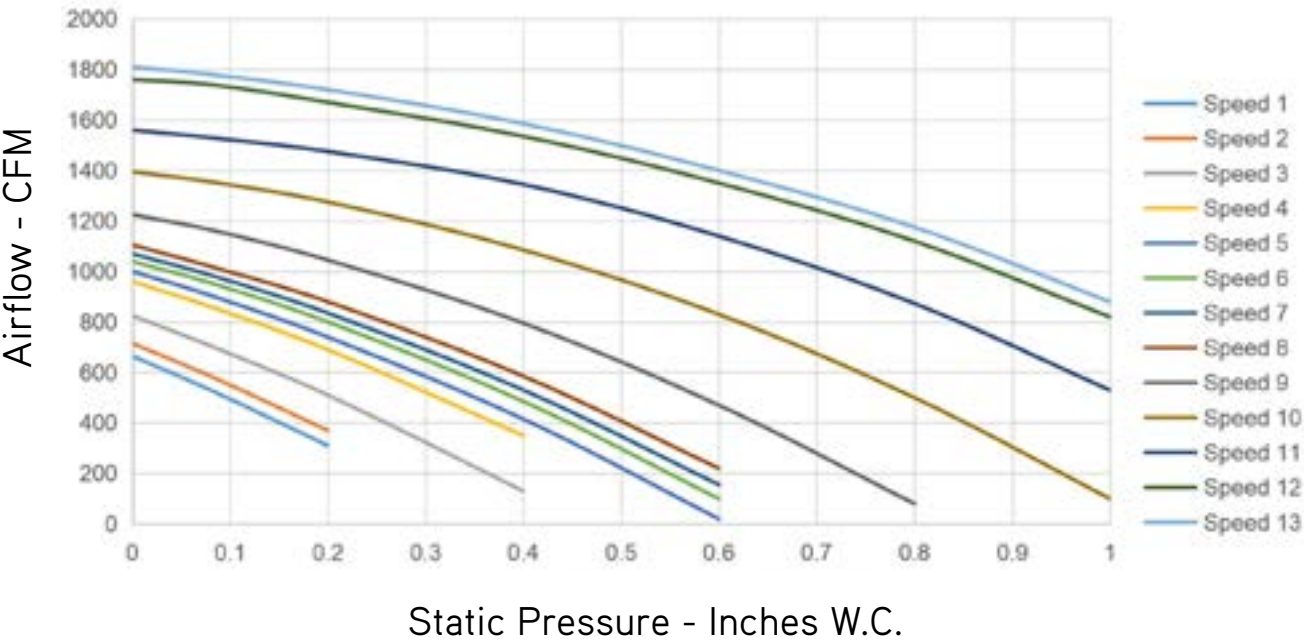
GENERAL FEATURES

- Multi Position Air Handler W/ Multiple Fan Speed
- DC Inverter Motor
- Multiple Protections
- Ultra-low Noise Operation
- Up to 1.0 In W.C. Static Pressure
- Electric Heater Options
- XE70 Wired Controller Included
- Performance Based on Outdoor Unit
- Coil - Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS		GMV-ND24A/B-T(U)		FEATURES & FUNCTIONS SUMMARY		GMV-ND24A/B-T(U)	
System Type		HEAT PUMP					
SYSTEM PERFORMANCE							
Cooling	Nominal	Btu/h	24000				
	Capacity @95°F	Btu/h					
Heating	Nominal	Btu/h	27000				
	Capacity @5°F	Btu/h					
	Capacity @17°F	Btu/h					
	Capacity @47°F	W					
SEER2		System Performance Based on the Connected Outdoor Unit Performance					
EER2							
HSPF2							
COP @5°F							
COP @47°F							
Cooling Temperature Range		°F					
Heating Temperature Range		°F					
Refrigerant Type		R410A					
INDOOR UNIT		GMV-ND24A/B-T(U)					
Air flow (Min-Max)		CFM	690 - 880				
External Static Pressure (Default / Min - Max)		In W.c.	0.2 / 0-1.0				
Sound Pressure Level (Min - Max)		dB(A)	40 - 43				
Electric Heater (Optional)		kW	5, 8 , 10				
Condensate Drain Size (OD)		in	1				
External Dimensions (WxHxD)		in	18-1/8 x 43-1/2 x 21-1/4				
Package Dimension (W x H x D)		in	20-3/8 x 46-1/8 x 24-3/8				
Net Weight		lbs	123				
Gross Weight		lbs	134				
REFRIGERANT PIPING							
Line Set Sized by the Indoor Unit (Liquid - Gas)		in	3/8 - 5/8				
ELECTRICAL							
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)					
MCA		A	3				
MOCP		A	15				
SYSTEM FEATURES							
Wired Controller Interface		Yes					
WiFi Included		No					
Easy Service Access		Yes					
Indoor Fan Type		Centrifugal					
Multi Fan Speeds		3 Speeds					
Indoor Unit Display		No					
Electrical Heater		Yes					
Ventilation (Outdoor Air)		No					
REMOTE CONTROLLER FUNCTIONS							
Auto Mode		Yes					
Auto Fan		Yes					
Auto Swing (Horizontal Auto Swing)		NO					
Auto Swing - 180° (Vertical Auto Swing)		Yes					
Clock		Yes					
Dry Mode		Yes					
Dry Anti-Mildew (X-Fan) Mode		Yes					
Energy Saving Mode		Yes					
Dirty Filter Alert		No					
Fan Speed Control (7 Speeds)		Yes					
I Feel Function		Yes					
Privacy Lock		Yes					
Quiet Mode		Yes					
Room Temperature Display		No					
Sleep Mode		Yes					
3 Sleep Mode Options		Yes					
Timer Mode		Yes					
Turbo Mode		Yes					
Display On/Off Control		Yes					
Freeze Guard Mode		Yes					
Power Failure Mode		Yes					

FAN PERFORMANCE

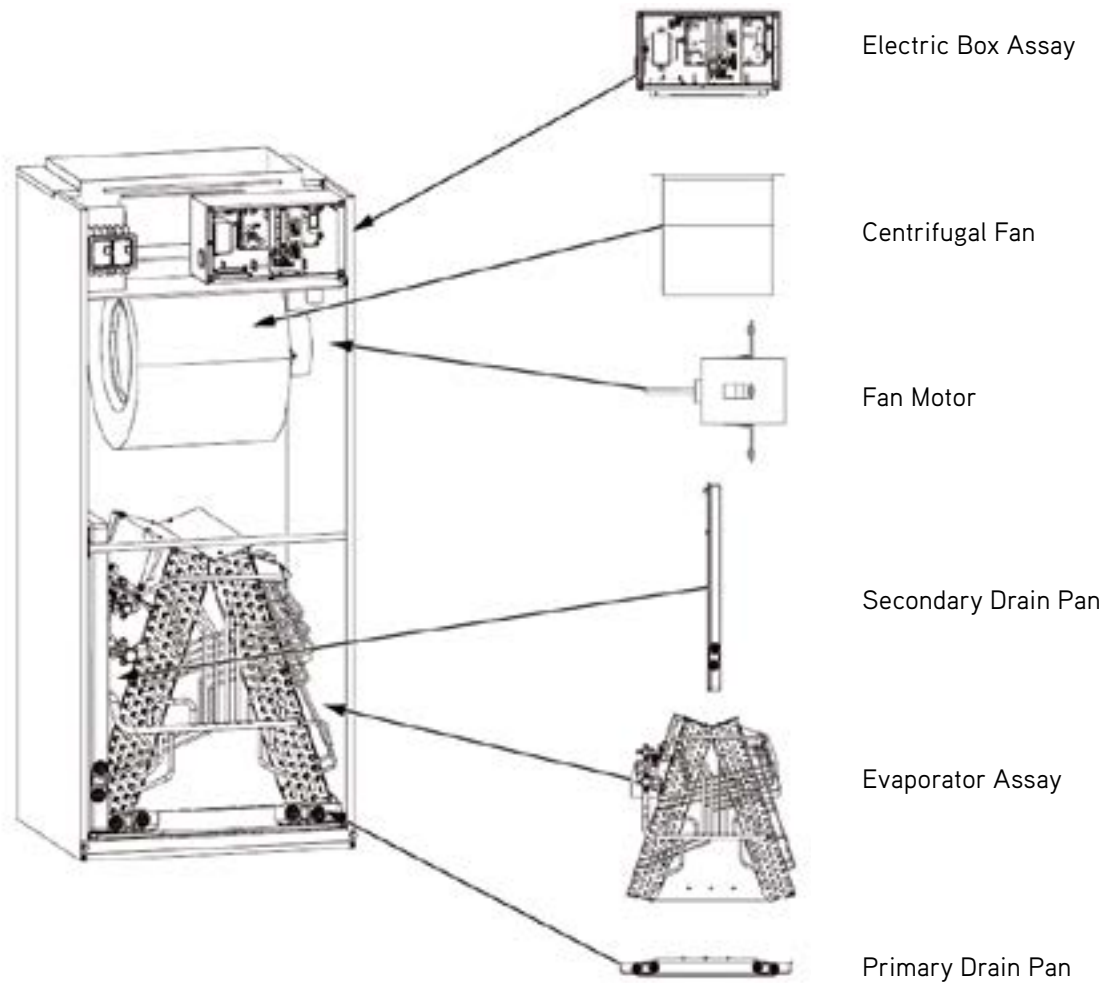


MODEL	GMV-ND24A/B-T(U)						
Level	Static Pressure (Inches. W.G.)						
	0	0.08	0.2	0.4	0.60	0.8	1
Speed 1	665						
Speed 2	715						
Speed 3	825	705					
Speed 4	960	860	690				
Speed 5	1000	905	740				
Speed 6	1040	955	800				
Speed 7	1070	985	835				
Speed 8	1105	1020	880				
Speed 9	1225	1165	1045	795			
Speed 10	1395	1355	1275	1085	830		
Speed 11	1560	1530	1475	1345	1140	873	
Speed 12	1760	1740	1670	1535	1350	1120	820
Speed 13	1810	1780	1720	1585	1400	1175	880

NOTE:

The design range of the units air volume is from 690~880 CFM. The units would be damaged if they are used out of range.

ACCESSORY HEATER AND GENERAL INFORMATION



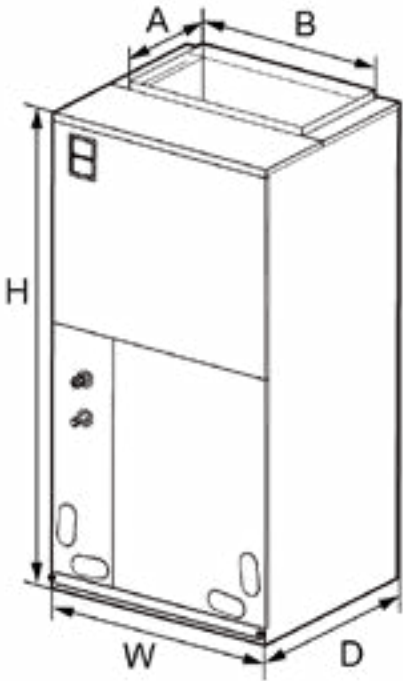
MODEL	Heat Kit Model	Electric Heat (kW)		Min. Circuit Ampacity (A)		Max. Fuse or Breaker (A)	
		208V	240V	208V	240V	208V	240V
GMV-ND24A/B-T(U)	FLEXXHTR5KW	3.74	5	22.6	26	25	30
	FLEXXHTR8KW	6.03	8	36	41.7	40	45
	FLEXXHTR10KW	7.51	10	45	52	45	60

DIMENSIONS & CLEARANCES

INDOOR UNIT

Unit: inch

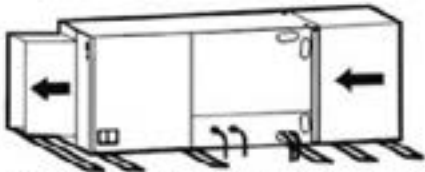
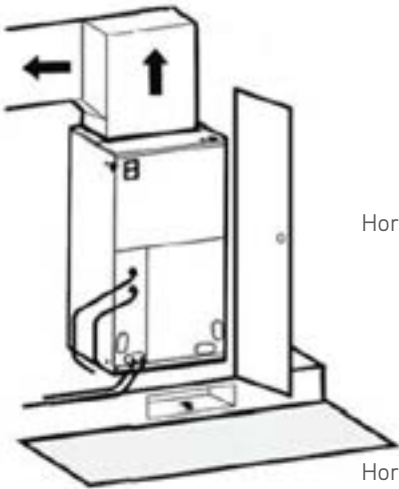
GMV-ND24A/B-T(U)	
DIMENSIONS	
W	18-1/8
D	21-1/4
H	43-1/2
A	11-5/8
B	16-3/4



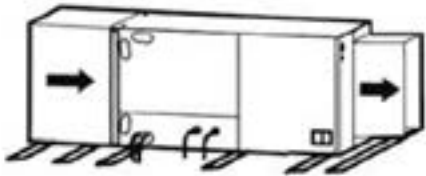
INDOOR UNIT

Minimum clearance

FRONT	> 24
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Horizontal Left Configuration - No Modification Needed



Horizontal Right Configuration - Must Relocate Drain Pan

NOTE:
Allow a minimum of 24" in front of the unit for service clearance. When installing in an area directly over a finished ceiling (such as an attic), an emergency drain pan is required directly under the unit. **See local and state codes for requirements.** When installing this unit in an area that may become wet, elevate the unit with a sturdy, non-porous material. In installations that may lead to physical damage (i.e. a garage) it is advised to install a protective barrier to prevent such damage. This air handler is designed for a complete supply and return ductwork system.



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