

SUBMITTAL DATA

GMV-ND60A/B-T(U) for use with VRF Outdoor Unit
60000 BTU/H Multi-Position Air Handler Unit

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



GMV-ND60A/B-T(U))



XE70

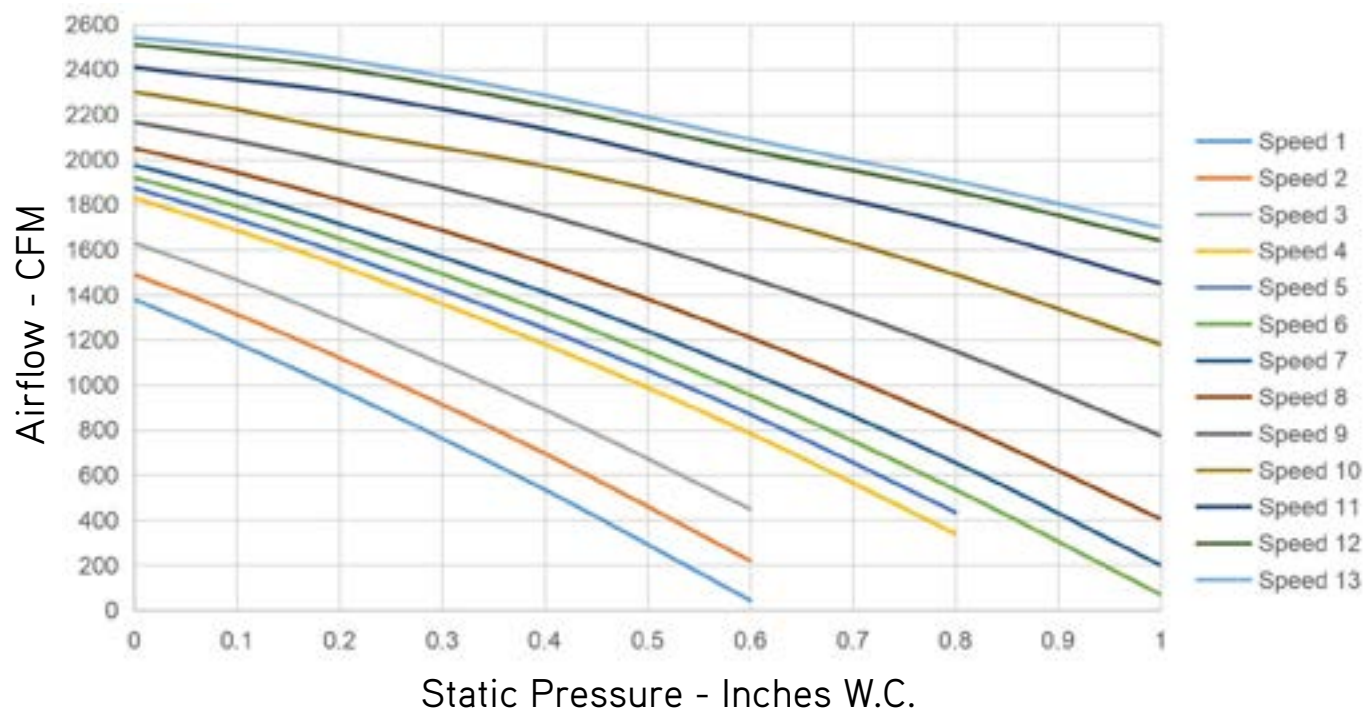
GENERAL FEATURES

- 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-ND60A/B-T(U)		FEATURES & FUNCTIONS SUMMARY		GMV-ND60A/B-T(U)				
System Type		HEAT PUMP								
SYSTEM PERFORMANCE						SYSTEM FEATURES				
Cooling	Nominal	Btu/h	60000				Wired Controller Interface	Yes		
	Capacity @95°F	Btu/h					WiFi Included	No		
Heating	Nominal	Btu/h	66000				Easy Service Access	Yes		
	Capacity @5°F	Btu/h					Indoor Fan Type	Centrifugal		
	Capacity @17°F	Btu/h					Multi Fan Speeds	3 Speeds		
	Capacity @47°F	W					Indoor Unit Display	No		
SEER2		System Performance Based on the Connected Outdoor Unit Performance						Electrical Heater	Yes	
EER2								Ventilation (Outdoor Air)	No	
HSPF2								REMOTE CONTROLLER FUNCTIONS		
COP @5°F								Auto Mode	Yes	
COP @47°F								Auto Fan	Yes	
Cooling Temperature Range		°F	Auto Swing (Horizontal Auto Swing)						NO	
Heating Temperature Range		°F	Auto Swing - 180° (Vertical Auto Swing)						Yes	
Refrigerant Type		R410A						Clock	Yes	
INDOOR UNIT		GMV-ND60A/B-T(U)						Dry Mode	Yes	
Air flow (Min-Max)		CFM	1530 - 1820						Dry Anti-Mildew (X-Fan) Mode	Yes
External Static Pressure (Default / Min - Max)		In W.c.	0.2 / 0-1.0						Energy Saving Mode	Yes
Sound Pressure Level (Min - Max)		dB(A)	49 - 51						Dirty Filter Alert	No
Electric Heater (Optional)		kW	5, 8 , 10, 15, 20						Fan Speed Control (7 Speeds)	Yes
Condensate Drain Size (OD)		in	1						I Feel Function	Yes
External Dimensions (WxHxD)		in	24-3/4 x 57 x 21-1/4						Privacy Lock	Yes
Package Dimension (W x H x D)		in	27-5/16 x 59-3/8 x 26						Quiet Mode	Yes
Net Weight		lbs	198						Room Temperature Display	No
Gross Weight		lbs	216						Sleep Mode	Yes
REFRIGERANT PIPING						3 Sleep Mode Options			Yes	
Line Set Sized by the Indoor Unit (Liquid - Gas)		in	3/8 - 5/8						Timer Mode	Yes
ELECTRICAL						Turbo Mode			Yes	
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)							Display On/Off Control	Yes
MCA		A	8.7						Freeze Guard Mode	Yes
MOCP		A	15						Power Failure Mode	Yes

FAN PERFORMANCE

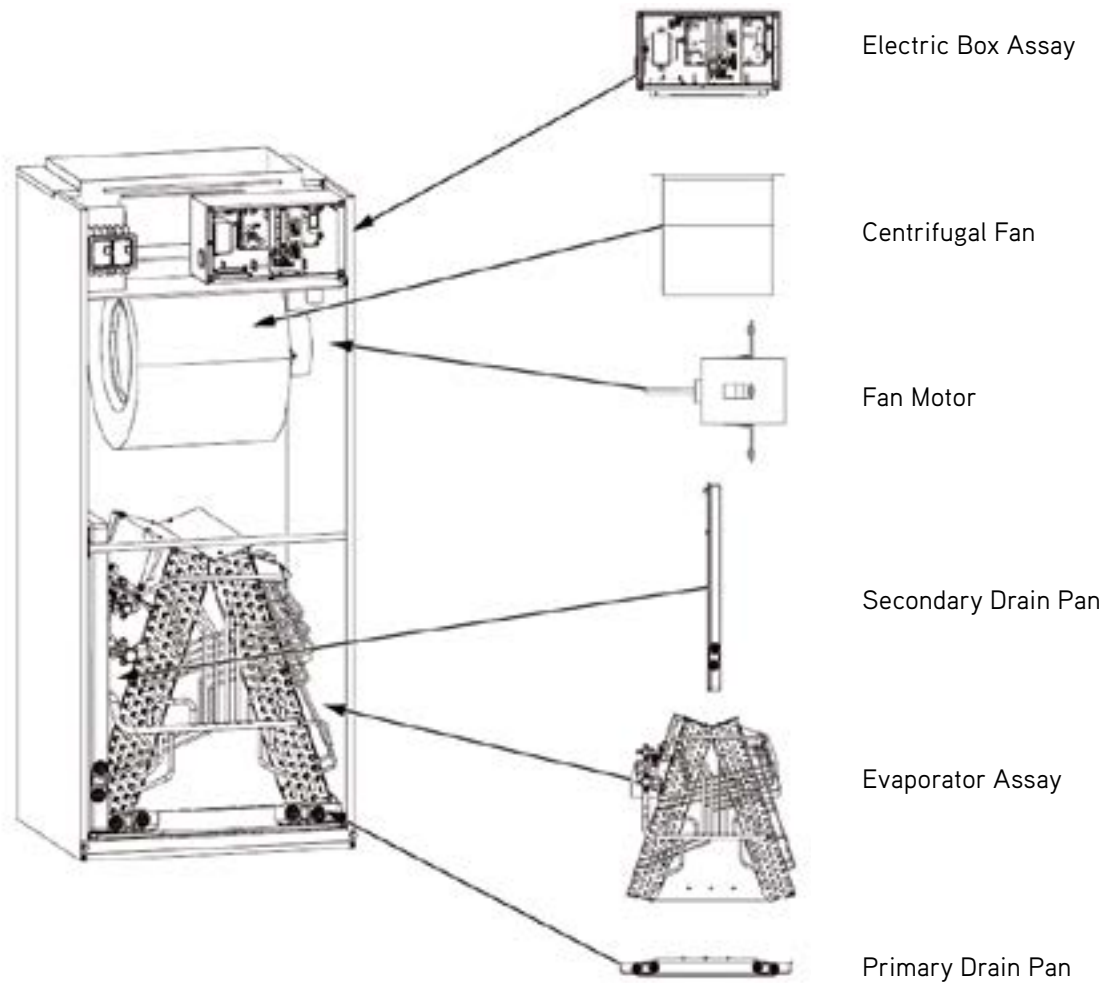


MODEL	GMV-ND60A/B-T(U)						
Level	Static Pressure (Inches. W.G.)						
	0	0.08	0.2	0.4	0.60	0.8	1
Speed 1	1380						
Speed 2	1490	1350					
Speed 3	1630	1500					
Speed 4	1830	1715	1530				
Speed 5	1875	1765	1585				
Speed 6	1920	1820	1650	1325			
Speed 7	1975	1880	1715	1410			
Speed 8	2050	1965	1820	1540			
Speed 9	2165	2100	1985	1755	1475		
Speed 10	2300	2240	2130	1970	1755	1490	
Speed 11	2410	2365	2300	2135	1920	1710	1450
Speed 12	2510	2470	2405	2240	2040	1860	1640
Speed 13	2540	2510	2445	2285	2090	1905	1700

NOTE:

The design range of the units air volume is from 1530~1820 CFM. The units would be damaged if they are used out of range.

ACCESSORY HEATER AND GENERAL INFORMATION



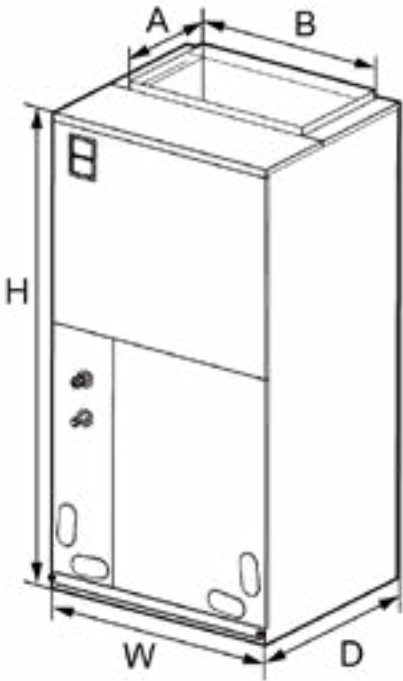
MODEL	Heat Kit Model	Electric Heat (kW)		Min. Circuit Ampacity (A)		Max. Fuse or Breaker (A)	
		208V	240V	208V	240V	208V	240V
GMV-ND60A/B-T(U)	FLEXXHTR5KW	3.74	5	22.6	26	25	30
	FLEXXHTR8KW	6.03	8	36	41.7	40	45
	FLEXXHTR10KW	7.49	10	45	52	45	60
	FLEXXHTR15KW	11.25	15	45 & 22.6	52 & 26	45 & 25	30 & 60
	FLEXXHTR20KW	7.49	9.2	45 & 45	52 & 52	45 & 45	60 & 60

DIMENSIONS & CLEARANCES

INDOOR UNIT

Unit: inch

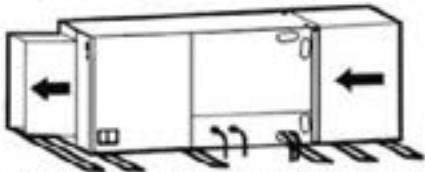
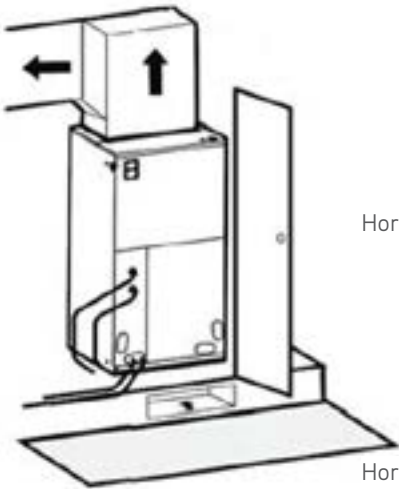
GMV-ND60A/B-T(U)	
DIMENSIONS	
W	24-3/4
D	21-1/4
H	57
A	11-5/8
B	20



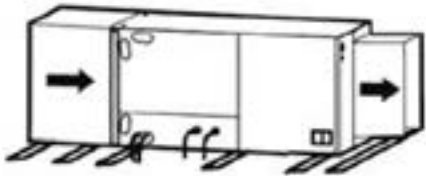
INDOOR UNIT

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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