

## SUBMITTAL DATA

GMV-ND09A/B-T(U) for use with VRF Outdoor Unit  
9000 BTU/H Multi-Position Air Handler Unit

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



GMV-ND09A/B-T(U)



XE70

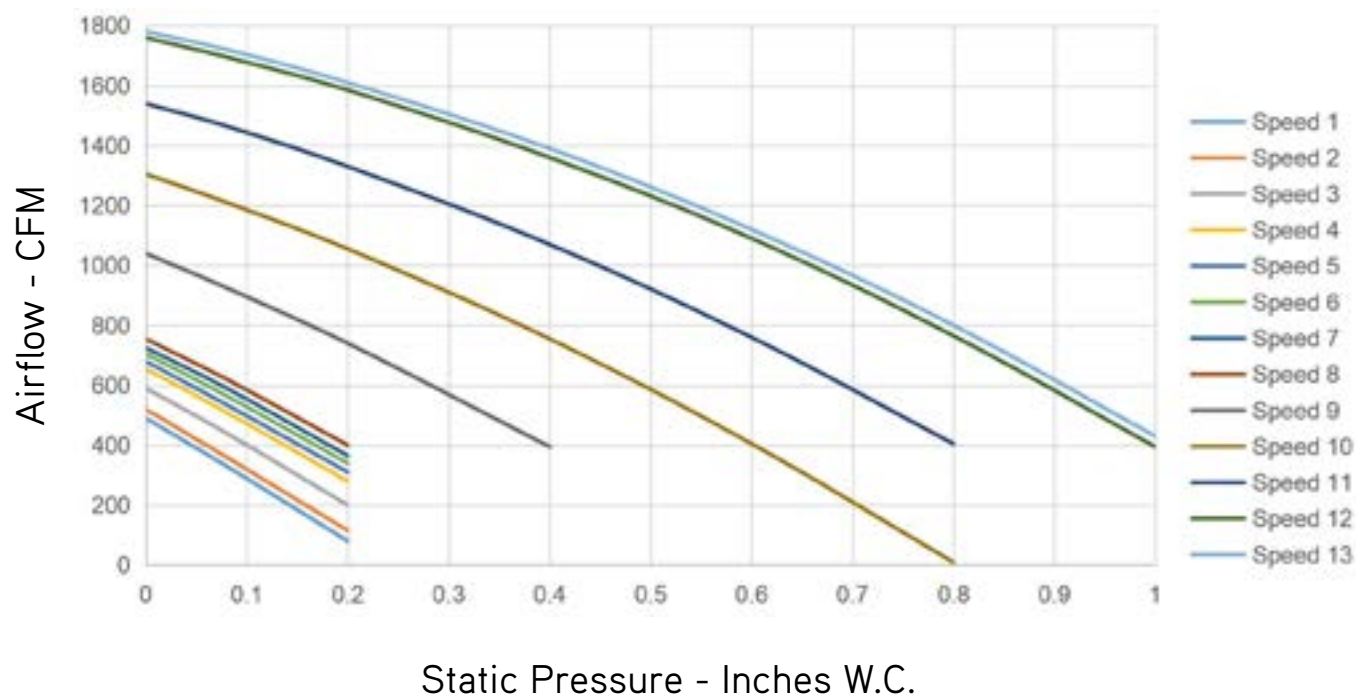
### GENERAL FEATURES

- 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-ND09A/B-T(U)                                                         |                          | FEATURES & FUNCTIONS SUMMARY |  | GMV-ND09A/B-T(U)     |                                         |                             |     |
|--------------------------------------------------|----------------|--------------------------------------------------------------------------|--------------------------|------------------------------|--|----------------------|-----------------------------------------|-----------------------------|-----|
| System Type                                      |                | HEAT PUMP                                                                |                          |                              |  |                      |                                         |                             |     |
| SYSTEM PERFORMANCE                               |                |                                                                          |                          |                              |  | SYSTEM FEATURES      |                                         |                             |     |
| Cooling                                          | Nominal        | Btu/h                                                                    | 9500                     |                              |  |                      | Wired Controller Interface              | Yes                         |     |
|                                                  | Capacity @95°F | Btu/h                                                                    |                          |                              |  |                      | WiFi Included                           | No                          |     |
| Heating                                          | Nominal        | Btu/h                                                                    | 10500                    |                              |  |                      | 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<br>on the Connected Outdoor Unit<br>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-ND09A/B-T(U)                                                         |                          |                              |  |                      |                                         | Dry Mode                    | Yes |
| Air flow (Min-Max)                               |                | CFM                                                                      | 280 - 400                |                              |  |                      | 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)                                                                    | 33 - 36                  |                              |  |                      | Dirty Filter Alert                      | No                          |     |
| Electric Heater (Optional)                       |                | kW                                                                       | 5                        |                              |  |                      | Fan Speed Control (7 Speeds)            | Yes                         |     |
| Condensate Drain Size (OD)                       |                | in                                                                       | 1                        |                              |  |                      | I Feel Function                         | Yes                         |     |
| External Dimensions (WxHxD)                      |                | in                                                                       | 18-1/8 x 43-1/2 x 21-1/4 |                              |  |                      | Privacy Lock                            | Yes                         |     |
| Package Dimension (W x H x D)                    |                | in                                                                       | 20-3/8 x 46-1/8 x 24-3/8 |                              |  |                      | Quiet Mode                              | Yes                         |     |
| Net Weight                                       |                | lbs                                                                      | 119                      |                              |  |                      | Room Temperature Display                | No                          |     |
| Gross Weight                                     |                | lbs                                                                      | 130                      |                              |  |                      | Sleep Mode                              | Yes                         |     |
| REFRIGERANT PIPING                               |                |                                                                          |                          |                              |  | 3 Sleep Mode Options |                                         | Yes                         |     |
| Line Set Sized by the Indoor Unit (Liquid - Gas) |                | in                                                                       | 1/4 - 3/8                |                              |  |                      | 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                                                                        | 3                        |                              |  |                      | Freeze Guard Mode                       | Yes                         |     |
| MOCP                                             |                | A                                                                        | 15                       |                              |  |                      | Power Failure Mode                      | Yes                         |     |

FAN PERFORMANCE

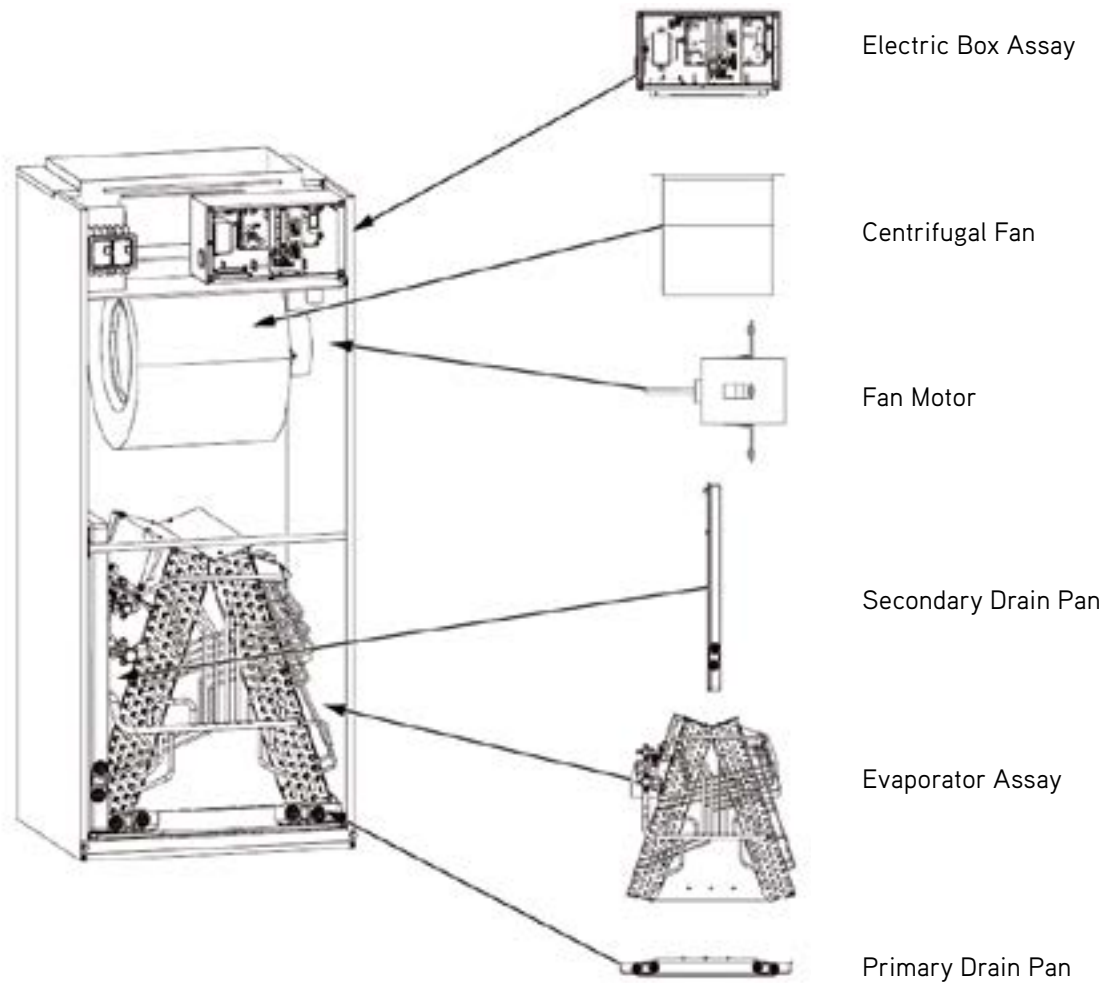


| MODEL    | GMV-ND09A/B-T(U)               |      |      |      |      |     |     |
|----------|--------------------------------|------|------|------|------|-----|-----|
| Level    | Static Pressure (Inches. W.G.) |      |      |      |      |     |     |
|          | 0                              | 0.08 | 0.2  | 0.4  | 0.60 | 0.8 | 1   |
| Speed 1  | 490                            | 330  |      |      |      |     |     |
| Speed 2  | 520                            | 360  |      |      |      |     |     |
| Speed 3  | 590                            | 440  |      |      |      |     |     |
| Speed 4  | 655                            | 510  | 280  |      |      |     |     |
| Speed 5  | 680                            | 535  | 310  |      |      |     |     |
| Speed 6  | 705                            | 565  | 340  |      |      |     |     |
| Speed 7  | 725                            | 590  | 365  |      |      |     |     |
| Speed 8  | 755                            | 620  | 400  |      |      |     |     |
| Speed 9  | 1040                           | 925  | 740  | 395  |      |     |     |
| Speed 10 | 1305                           | 1210 | 1055 | 755  | 405  |     |     |
| Speed 11 | 1540                           | 1465 | 1330 | 1070 | 760  | 405 |     |
| Speed 12 | 1760                           | 1695 | 1585 | 1360 | 1090 | 765 | 395 |
| Speed 13 | 1780                           | 1720 | 1610 | 1390 | 1120 | 800 | 430 |

NOTE:

The design range of the units air volume is from 280~400 CFM. The units would be damaged if they are used out of range.

ACCESSORY HEATER AND GENERAL INFORMATION



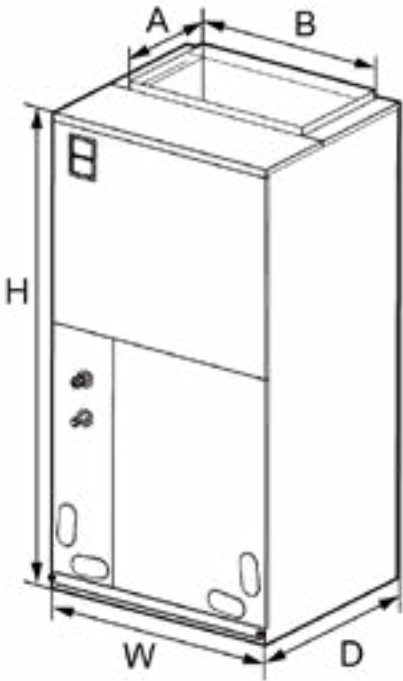
| MODEL            | Heat Kit Model | Electric Heat (kW) |      | Min. Circuit Ampacity (A) |      | Max. Fuse or Breaker (A) |      |
|------------------|----------------|--------------------|------|---------------------------|------|--------------------------|------|
|                  |                | 208V               | 240V | 208V                      | 240V | 208V                     | 240V |
| GMV-ND09A/B-T(U) | FLEXXHTR5KW    | 3.74               | 5    | 22.6                      | 26   | 35                       | 35   |

DIMENSIONS & CLEARANCES

INDOOR UNIT

Unit: inch

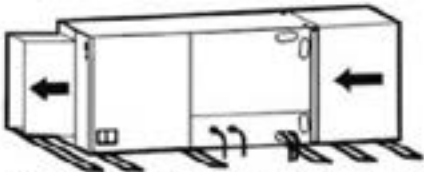
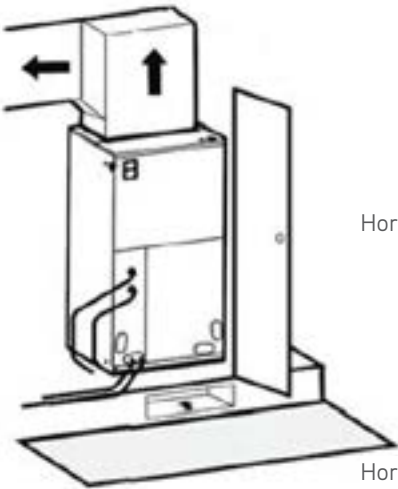
| GMV-ND09A/B-T(U) |        |
|------------------|--------|
| DIMENSIONS       |        |
| W                | 18-1/8 |
| D                | 21-1/4 |
| H                | 43-1/2 |
| A                | 11-5/8 |
| B                | 16-3/4 |



INDOOR UNIT

Minimum clearance

|       |      |
|-------|------|
| FRONT | > 24 |
|-------|------|



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.



Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.