

SUBMITTAL DATA

GMV-NDX96P/A-T(U) for use with VRF Outdoor Unit
72000 BTU/H Fresh Air Unit

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

| | |
|--|--|
|  GMV-NDX96P/A-T(U) |  XK46 (Optional) |
|--|--|

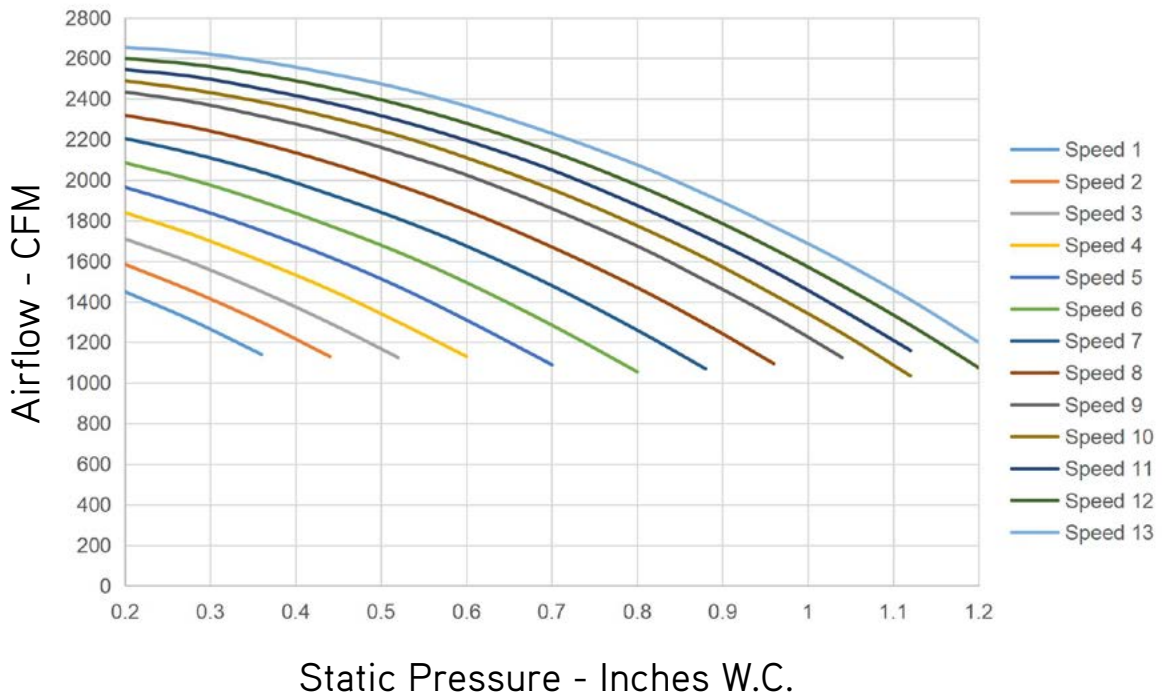
GENERAL FEATURES

- Fresh Air Processing Ducted Unit
- DC Inverter Motor
- Multiple Protections
- Air Flow Up to 2060 CFM
- Less Installation Space and Operation Cost
- XK46 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-NDX96P/A-T(U) | | FEATURES & FUNCTIONS SUMMARY | | GMV-NDX96P/A-T(U) | |
|--|-----------------------|---------------------------|--|---|-------------|-------------------|--|
| System Type | | HEAT PUMP | | | | | |
| SYSTEM PERFORMANCE | | | | SYSTEM FEATURES | | | |
| Cooling Capacity ¹ | Btu/h | 96000 | | Wired Controller Interface | Yes | | |
| Heating Capacity ² | Btu/h | 68000 | | WiFi Included | No | | |
| Heating Capacity ³ | Btu/h | 75000 | | Easy Service Access | Yes | | |
| SEER2 | | | | Indoor Fan Type | Centrifugal | | |
| EER2 | | | | Multi Fan Speeds | 3 Speeds | | |
| HSPF2 | | | | Indoor Unit Display | Yes | | |
| COP @5°F | | | | Electrical Heater | No | | |
| COP @47°F | | | | Ventilation (Outdoor Air) | No | | |
| Refrigerant Type | R410A | | | REMOTE CONTROLLER FUNCTIONS | | | |
| INDOOR UNIT | | GMV-NDX96P/A-T(U) | | Auto Mode | Yes | | |
| Air flow (Rated / Min - Max) | CFM | 1471 / 1177 - 2060 | | Auto Fan | Yes | | |
| External Static Pressure (Default / Min - Max) | In W.c. | 0.8 / 0.2 ~ 1.2 | | Auto Swing (Horizontal Auto Swing) | NO | | |
| Sound Pressure Level (Min - Max) | dB(A) | 47 ~ 54 | | Auto Swing - 180° (Vertical Auto Swing) | Yes | | |
| External Dimensions (W x H x D) | in | 58-3/8 x 15-3/16 x 31-1/8 | | Clock | Yes | | |
| Package Dimension (W x H x D) | in | 62-1/8 x 18-5/8 x 34-3/4 | | Dry Mode | Yes | | |
| Net Weight | lbs | 181 | | Dry Anti-Mildew (X-Fan) Mode | Yes | | |
| Gross Weight | lbs | 229 | | Energy Saving Mode | Yes | | |
| REFRIGERANT PIPING | | | | Dirty Filter Alert | No | | |
| Line Set Size by Indoor Unit (Liquid - Gas) | in | 3/8 - 7/8 | | Fan Speed Control (7 Speeds) | Yes | | |
| ELECTRICAL | | | | I Feel Function | Yes | | |
| Power Supply | 208-230V / 1Ph / 60Hz | | | Privacy Lock | Yes | | |
| MCA | A | 6.3 | | Quiet Mode | Yes | | |
| MOCP | A | 15 | | 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 | | |
| <p>1. Rated Cooling Capacity Test Conditions: Indoor 95.0°F DB/82.4°F Wb, Outdoor 95.0°F DB; Connection Pipe Length: 24-5/8ft., Without Height Drop Between Units. The Default Air Outlet Temperature Of The Unit Is 64.4°F.</p> | | | | | | | |
| <p>2. Rated Heating Capacity Test Conditions: Indoor 44.6°F DB, Outdoor 44.6°F DB/42.8°F WB, Connection Pipe Length: 24-5/8ft., Without Height Drop Between Units. The Default Air Outlet Temperature Of The Unit Is 71.6°F.</p> | | | | | | | |
| <p>3. Rated Heating Capacity Test Conditions: Indoor 32°F Db, Outdoor 32°F Db/26.8°F Wb, Connection Pipe Length: 24-5/8ft., Without Height Drop Between Units. The Default Air Outlet Temperature Of The Unit Is 71.6°F.</p> | | | | | | | |

FAN PERFORMANCE



| MODEL | | GMV-NDX96P/A-T(U) | | | | | | | | | | | | |
|----------|--------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|--|
| Level | Static Pressure (Inches. W.G.) | | | | | | | | | | | | | |
| | 0.2 | 0.28 | 0.36 | 0.44 | 0.52 | 0.6 | 0.7 | 0.8 | 0.88 | 0.96 | 1.04 | 1.12 | 1.2 | |
| Speed 1 | 1450 | 1305 | 1140 | | | | | | | | | | | |
| Speed 2 | 1585 | 1450 | 1300 | 1130 | | | | | | | | | | |
| Speed 3 | 1710 | 1590 | 1450 | 1295 | 1125 | | | | | | | | | |
| Speed 4 | 1840 | 1730 | 1600 | 1460 | 1300 | 1130 | | | | | | | | |
| Speed 5 | 1965 | 1865 | 1750 | 1620 | 1475 | 1310 | 1090 | | | | | | | |
| Speed 6 | 2085 | 2000 | 1895 | 1775 | 1645 | 1495 | 1285 | 1055 | | | | | | |
| Speed 7 | 2205 | 2130 | 2040 | 1930 | 1810 | 1675 | 1480 | 1260 | 1070 | | | | | |
| Speed 8 | 2320 | 2260 | 2180 | 2085 | 1975 | 1850 | 1670 | 1470 | 1290 | 1095 | | | | |
| Speed 9 | 2435 | 2385 | 2315 | 2235 | 2135 | 2025 | 1860 | 1675 | 1505 | 1325 | 1125 | | | |
| Speed 10 | 2490 | 2445 | 2385 | 2310 | 2220 | 2110 | 1955 | 1775 | 1615 | 1435 | 1245 | 1035 | | |
| Speed 11 | 2545 | 2510 | 2450 | 2380 | 2295 | 2195 | 2050 | 1875 | 1720 | 1550 | 1360 | 1160 | | |
| Speed 12 | 2600 | 2570 | 2520 | 2455 | 2375 | 2280 | 2140 | 1975 | 1825 | 1660 | 1480 | 1285 | 1075 | |
| Speed 13 | 2655 | 2630 | 2585 | 2525 | 2455 | 2365 | 2230 | 2075 | 1930 | 1770 | 1600 | 1410 | 1200 | |

NOTE:

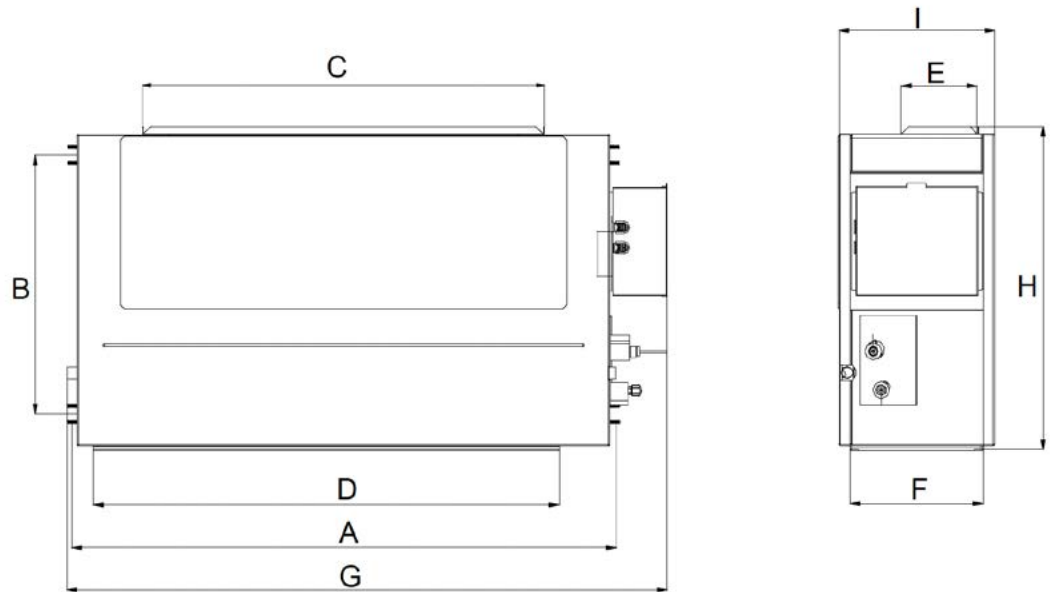
The design range of the units air volume is from 1177~2060 CFM.
The units would be damaged if they are used out of range.

DIMENSIONS & CLEARANCES

INDOOR UNIT

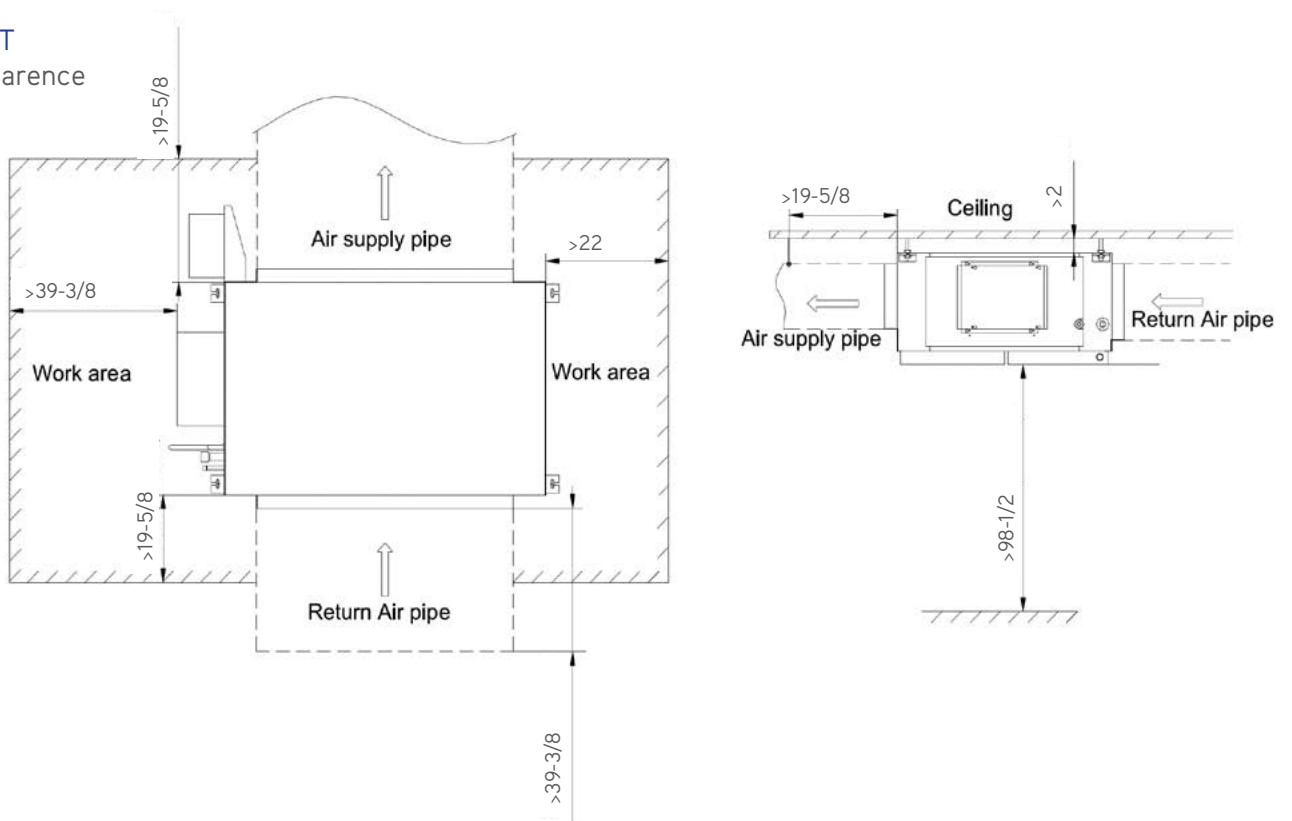
Unit: inch

| GMV-NDX96P/A-T(U) | |
|-------------------|---------|
| DIMENSIONS | |
| A | 53-1/4 |
| B | 24-7/8 |
| C | 39 |
| D | 45-1/4 |
| E | 7-1/2 |
| F | 12-7/8 |
| G | 58-3/8 |
| H | 31-1/8 |
| I | 15-3/16 |



INDOOR UNIT

Minimum clearance



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