

SUBMITTAL DATA

GMV-NDX42P/A-T(U) for use with VRF Outdoor Unit
42000 BTU/H Fresh Air Unit

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

 <p>GMV-NDX42P/A-T(U)</p>	 <p>XK46 (Optional)</p>
--	--

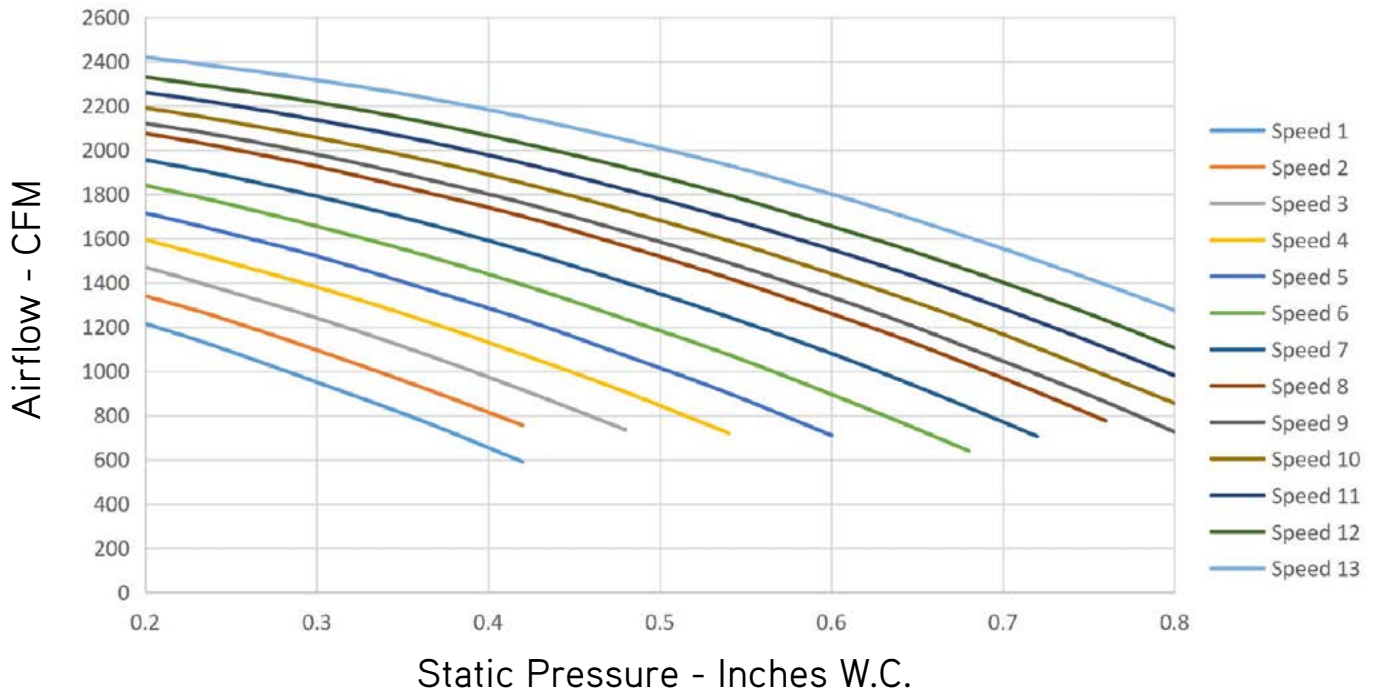
GENERAL FEATURES

- 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-NDX42P/A-T(U)		FEATURES & FUNCTIONS SUMMARY		GMV-NDX42P/A-T(U)	
System Type		HEAT PUMP					
SYSTEM PERFORMANCE				SYSTEM FEATURES			
Cooling Capacity ¹	Btu/h	42000		Wired Controller Interface	Yes		
Heating Capacity ²	Btu/h	29000		WiFi Included	No		
Heating Capacity ³	Btu/h	36000		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-NDX42P/A-T(U)		Auto Mode	Yes		
Air flow (Rated / Min - Max)	CFM	706 / 589 - 1177		Auto Fan	Yes		
External Static Pressure (Default / Min - Max)	In W.c.	0.6 / 0.2 - 0.8		Auto Swing (Horizontal Auto Swing)	NO		
Sound Pressure Level (Min - Max)	dB(A)	40 - 50		Auto Swing - 180° (Vertical Auto Swing)	Yes		
External Dimensions (W x H x D)	in	55-1/8 x 11-13/16 x 27-9/16		Clock	Yes		
Package Dimension (W x H x D)	in	63 x 14-3/8 x 32		Dry Mode	Yes		
Net Weight	lbs	119		Dry Anti-Mildew (X-Fan) Mode	Yes		
Gross Weight	lbs	134		Energy Saving Mode	Yes		
REFRIGERANT PIPING				Dirty Filter Alert	No		
Line Set Size by Indoor Unit (Liquid - Gas)	in	3/8 - 5/8		Fan Speed Control (7 Speeds)	Yes		
ELECTRICAL				I Feel Function	Yes		
Power Supply	208-230V / 1Ph / 60Hz			Privacy Lock	Yes		
MCA	A	1.7		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-NDX42P/A-T(U)												
Level	Static Pressure (Inches. W.G.)												
	0.2	0.24	0.3	0.36	0.42	0.48	0.54	0.6	0.64	0.68	0.72	0.76	0.8
Speed 1	1215	1115	950	780	590								
Speed 2	1340	1250	1095	930	755								
Speed 3	1470	1380	1240	1085	915	735							
Speed 4	1595	1510	1380	1235	1075	905	720						
Speed 5	1715	1640	1520	1380	1235	1070	900	710					
Speed 6	1840	1770	1655	1530	1390	1235	1075	895	770	640			
Speed 7	1955	1895	1790	1675	1545	1400	1245	1080	960	835	705		
Speed 8	2075	2020	1925	1815	1700	1565	1420	1260	1150	1030	905	775	
Speed 9	2120	2070	1980	1875	1760	1630	1490	1335	1225	1105	985	860	725
Speed 10	2190	2140	2055	1960	1850	1725	1590	1440	1335	1225	1105	980	855
Speed 11	2260	2215	2135	2045	1940	1820	1690	1550	1450	1340	1225	1105	980
Speed 12	2330	2285	2215	2130	2030	1920	1795	1655	1560	1455	1345	1230	1105
Speed 13	2420	2380	2315	2240	2150	2045	1930	1800	1705	1605	1500	1390	1275

NOTE:

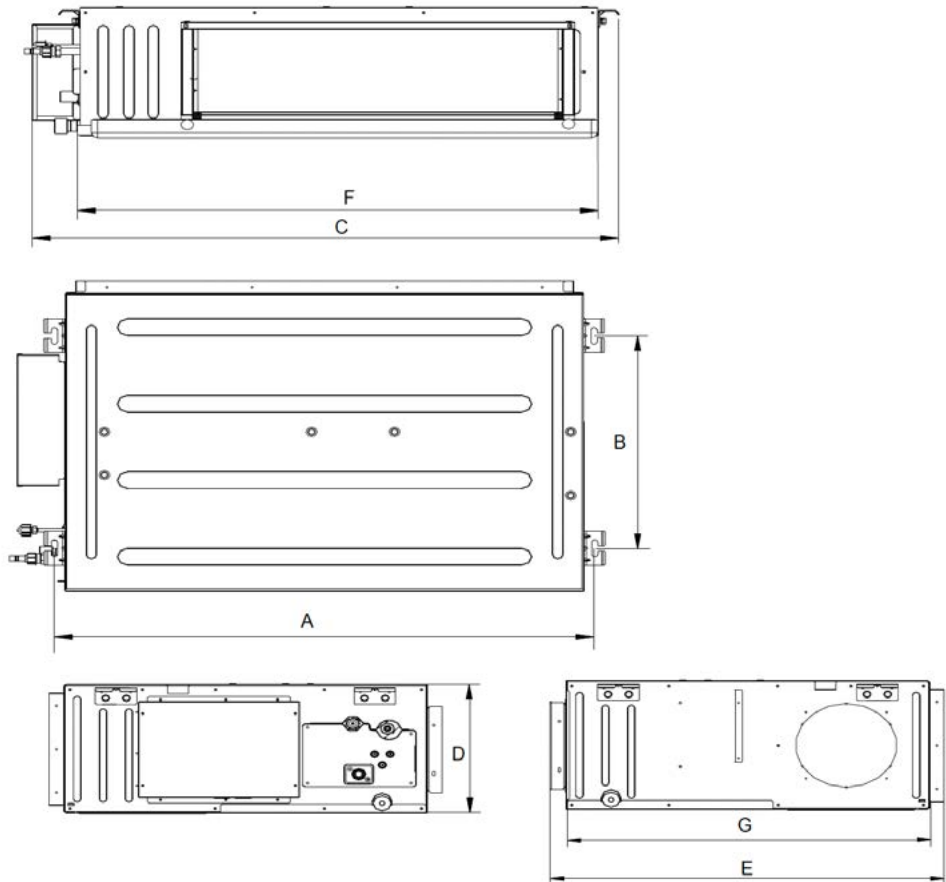
The design range of the units air volume is from 589~1177 CFM. The units would be damaged if they are used out of range.

DIMENSIONS & CLEARANCES

INDOOR UNIT

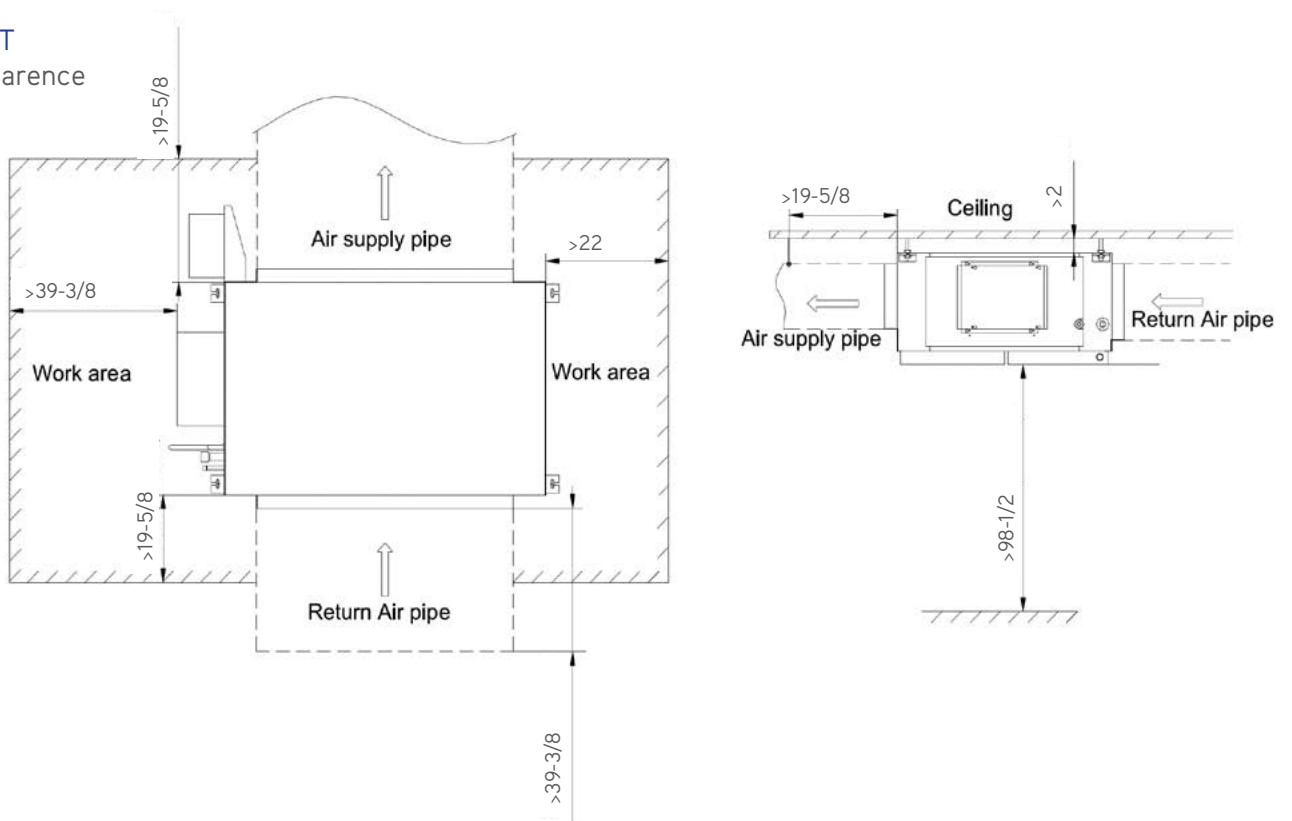
Unit: inch

GMV-NDX42P/A-T(U)	
DIMENSIONS	
A	56-11/16
B	19-11/16
C	62-7/32
D	11-13/16
E	29-11/16
F	55-1/8
G	27-9/16



INDOOR UNIT

Minimum clearance



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.

GREECOMMERCIAL.COM/SYSTEM-DOCUMENTATION