

SUBMITTAL DATA

NOV12HPJ1321A / NOV12HPJ1320A
12000 BTU/H Wall Mounted Heat Pump System

Job Name

Purchaser

Submitted to

Unit Designation

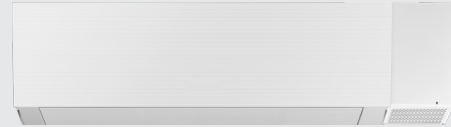
Location

Date

Engineer

For

Schedule No.



NOV12HPJ1321A



NOV12HPJ1320A



YBE1FB1F



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate:
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Swing Louver Control
- Self-diagnosis
- New R32 Refrigerant
- Wi-Fi Included (Factory Installed)
- Wireless Remote with LCD Display
- Wired Controller Options
- Low Ambient Cooling down to -20°F (Range -20°F to 122°F)
- Low Ambient Heating down to -22°F (Range -22°F to 86°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested
- Fresh Air Kit - NOVERV is offered as an accessory, needs to be ordered separately.

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

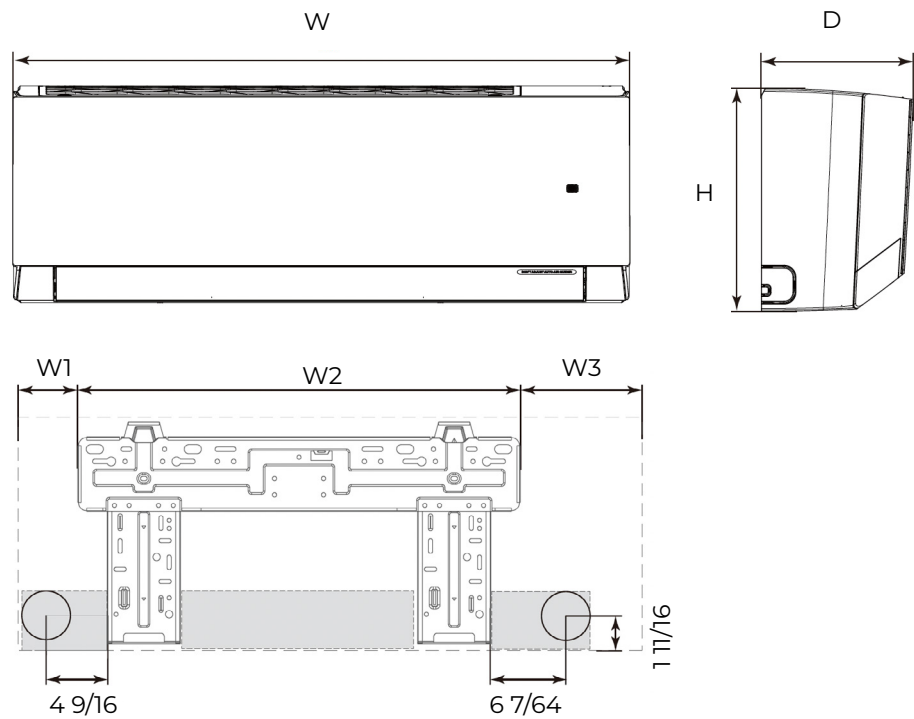
SYSTEM TYPE			HEAT PUMP		FEATURES & FUNCTIONS SUMMARY	
Outdoor Model			NOV12HPJ1320A		Inverter Type	G20
Indoor Model			NOV12HPJ1321A		Ultra Low Frequency Torque Control	Yes
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	2,729.6 - 15,012.8			
	Rated Capacity @95°F	Btu/h	12,000			
Heating Capacity	Min - Max	Btu/h	3,070.8 - 15,695.2			
	Rated Capacity @47°F	Btu/h	12,000			
	Rated Capacity @17°F	Btu/h	10,000			
	Rated Capacity @5°F	Btu/h	11,000			
SEER2			24.5			
EER2			13.0			
HSPF2			9.5			
COP @5°F			1.95			
Cooling Temperature Range		°F	-20 - 122			
Heating Temperature Range		°F	-22 - 86			
Refrigerant Type			R32			
INDOOR UNIT			NOV12HPJ1321A			
Air flow (Min - Max)		CFM	212 - 400			
Sound Pressure Level (Min - Max)		dB(A)	20 - 43			
Dehumidification		pt/hr	2.96			
External Dimensions (W x H x D)		in	32 61/64 × 11 17/32 × 7 7/8			
Package Dimension (W x H x D)		in	35 18/64 × 14 44/64 × 10 45/64			
Net Weight		lbs	20.9			
Gross Weight		lbs	25.4			
OUTDOOR UNIT			NOV12HPJ1320A			
Compressor Type			G20 / SINGLE CYLINDER / 1 - STAGE INVERTER			
Sound Pressure Level		dB(A)	52			
External Dimensions (W x H x D)		in	31 37/64 × 21 27/32 × 13 25/32			
Package Dimension (W x H x D)		in	34 21/64 × 24 13/32 × 15 43/64			
Net Weight		lbs	67.3			
Gross Weight		lbs	72.8			
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	28.2			
Additional Charge		oz/ft	0.2			
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2			
Pre-Charge Length		ft	25			
Pipe Length (Min - Max)		ft	10 - 66			
Max. Pipe Elevation		ft	40			
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)		VAC	187 - 253			
Rated Current - Cooling		A	6.64			
Rated Current - Heating		A	6.41			
MOCP		A	15			
MCA		A	10			
Main Power Wire Size		AWG	Per Local Code			
Interconnecting Wire Size		AWG	14 / 4			
Indoor Fan Type					Crossflow	
Multi Fan Speeds					7 Speeds	
Indoor Unit Display					Yes	
Auxiliary Electrical Heater					No	
Ventilation (Outdoor Air)					Yes	
A2L Leak Detection Sensor (Indoor)					Factory Installed	
REMOTE CONTROLLER FUNCTIONS						
Humidity Control					Yes	
Two-way Ventilation					Yes	
Auto Clean					Yes	
Auto Mode					Yes	
Auto Fan					Yes	
Auto Swing (Horizontal Auto Swing)					Yes	
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					Yes	
Fan Speed Control (7 Speeds)					Yes	
I Feel Function					Yes	
Child Lock					Yes	
Quiet Mode					Yes	
Room Temperature Display					Yes	
Sleep Mode					Yes	
Turbo 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	

DIMENSIONS

INDOOR UNIT

Unit: inch

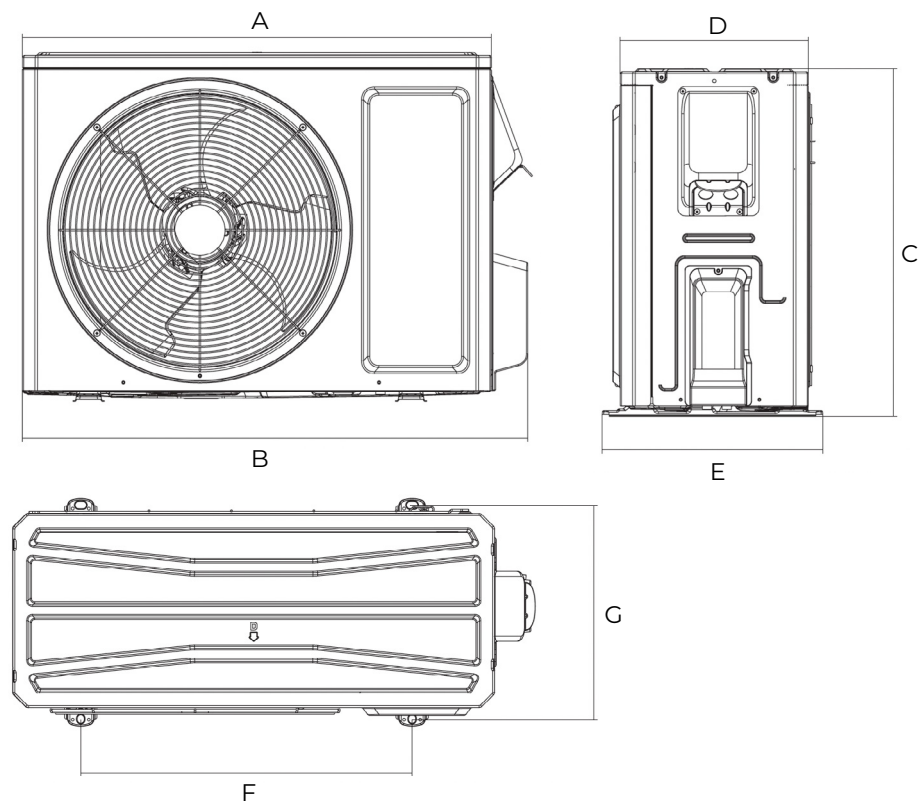
NOV12HPJ1321A	
DIMENSIONS	
W	32 61/64
H	11 17/32
D	7 7/8
W1	4 11/16
W2	21 11/32
W3	6 59/64



OUTDOOR UNIT

Unit: inch

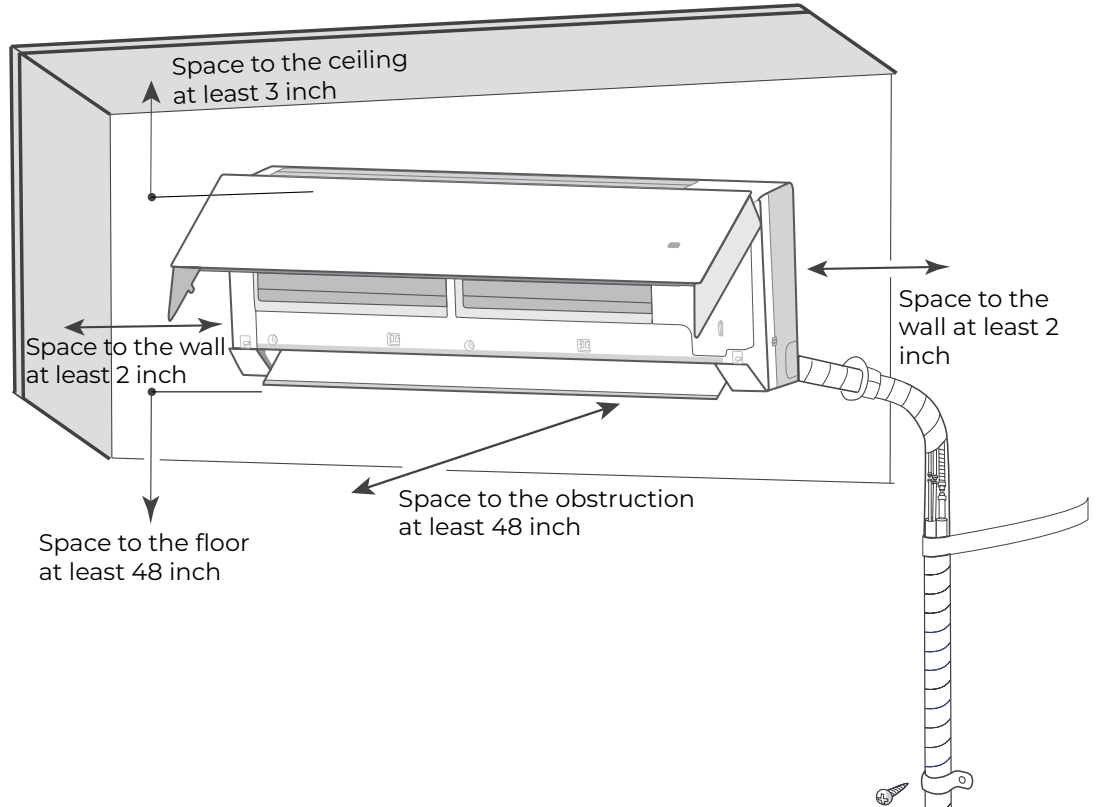
NOV12HPJ1320A	
DIMENSIONS	
A	29 21/64
B	31 37/64
C	21 27/32
D	11 13/16
E	13 25/32
F	20 5/32
G	13 5/64



CLEARANCES

INDOOR UNIT

Minimum clearance

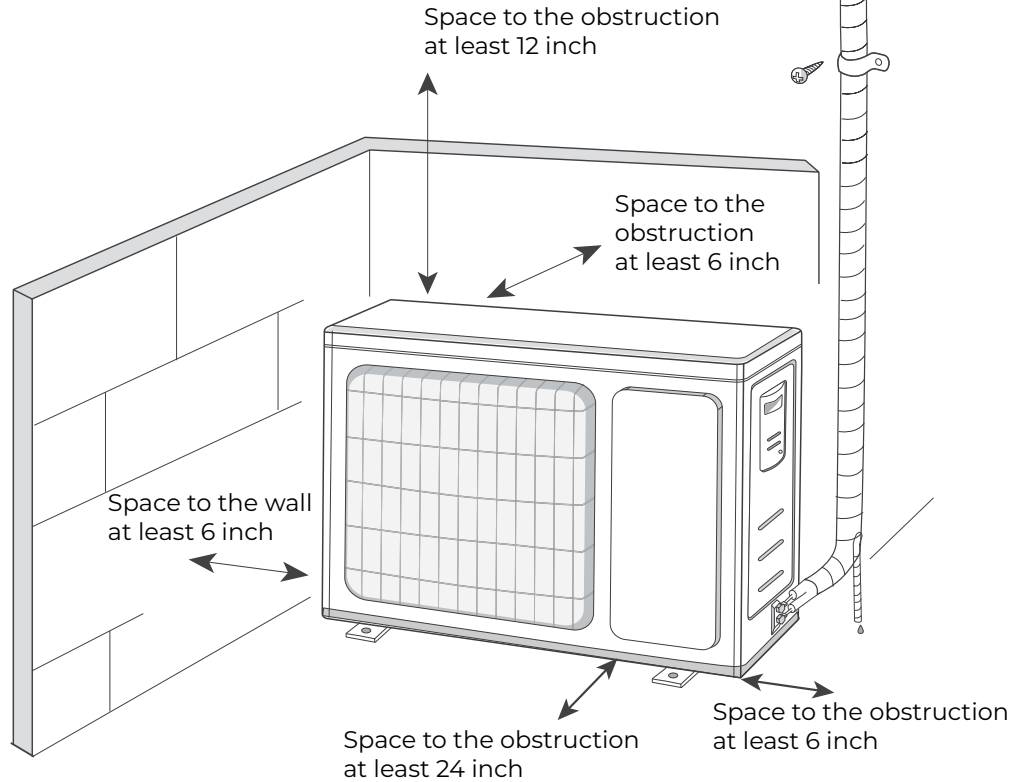


OUTDOOR UNIT

Minimum clearance

A 3D diagram showing a mounting bracket for an outdoor unit. A dimension line indicates a 3-inch clearance from the back of the unit to the wall when mounted on this bracket.

NOTE:
If bottom of the unit is free of airflow obstructions similar to the mounting bracket figure, the clearance to the wall on the back can be reduced to 3 inches.



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