



Indoor Unit:NDHAS26BB-33-I
Outdoor Unit:NDHAS26BA-33-O

33000 BTU/H (208/230V)

Wall Mounted Heat Pump System

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPECIFICATION

Indoor Air Flow (Turbo/H/M/L) (CFM)		865.2 / 735.8 / 600.4 / 423.8 / /
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		57.0/53.0/46.5/35.5/29.5
Dimension (W×D×H)	inch	46.85x11.20x14.59
	mm	1190x285x371
Package (W×D×H)	inch	50.39x14.17x17.91
	mm	1280x360x455
Net/Gross Weight	lbs	43.21/55.78
	kg	19.6/25.3

OUTDOOR SPECIFICATION

Compressor Type		TWIN-ROTARY
Compressor Model		KTF420D62UNT
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1000
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		2235.3
Outdoor Noise Level (dBA)		63.5
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946.0x410.0x810.0
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
	mm	1090x500x885
Net/Gross Weight	lbs	156.97/167.99
	kg	71.2/76.2

EFFICIENCY

Cooling		Heating	
SEER2	19.5	HSPF2-4	10.5
EER2	12.0	COP	3.37

PERFORMANCE of Cooling

Cooling (Btu/hr)

Rated Capacity	33000
Min/Max Capacity	15000~37000
Moisture Removal(L/h)	4.2
Standard Operating Range(°F/°C)	-22~122(-30 ~ 50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

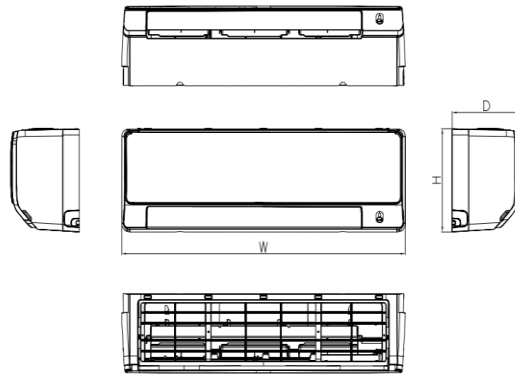
ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	34.0
Connection Wiring	14#x4
System MOCP	35
Compressor RLA	24.5
Outdoor Fan Motor RLA	1.5
Outdoor Fan Motor W	230
Indoor Fan Motor RLA	1.6
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	2750(440 ~ 3450)
System Power Input @ Heating (W)	3131(1250 ~3970)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	36000
1. @ 47°F Min/Max Capacity	19700~37800
2. @ 17°F Rated	32000
3. @ 5°F Rated: Capacity / COP	35000/1.98
3. @ 5°F Max: Capacity	35000
Standard Operating Range(°F/°C)	-22~75(-30 ~ 24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

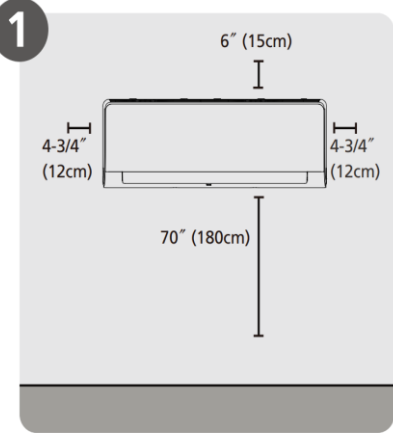
PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft)	164.00
Max. Piping Length(m)	50.00
Max. Height Difference(ft)	82.00
Max. Height Difference(m)	25.00
Max. Pre-charged Length(ft)	24.60
Max. Pre-charged Length(m)	7.50
Refrigerant Pre-charged Amount(oz/kg)	87.13(2.47)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Indoor Unit Dimension

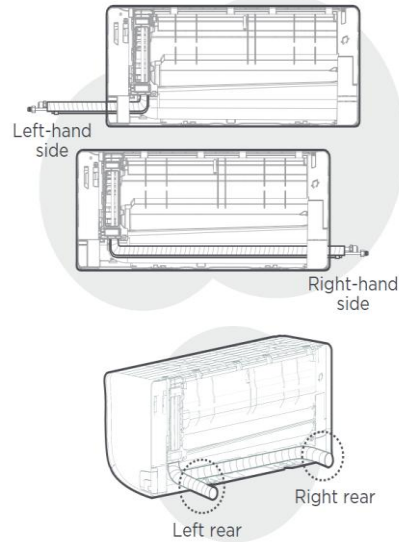


Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	848	233	300
		inch	33-3/8	9-1/8	11-3/4
18k~24k	C	mm	1017	248	319
		inch	40	9-3/4	12-1/2
24k~36k	D	mm	1190	285	371
		inch	46-7/8	11-1/4	14-5/8

Installation Instruction

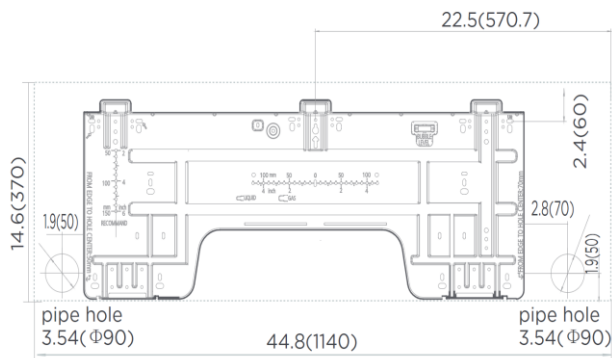


Select Installation Location



NOTE:

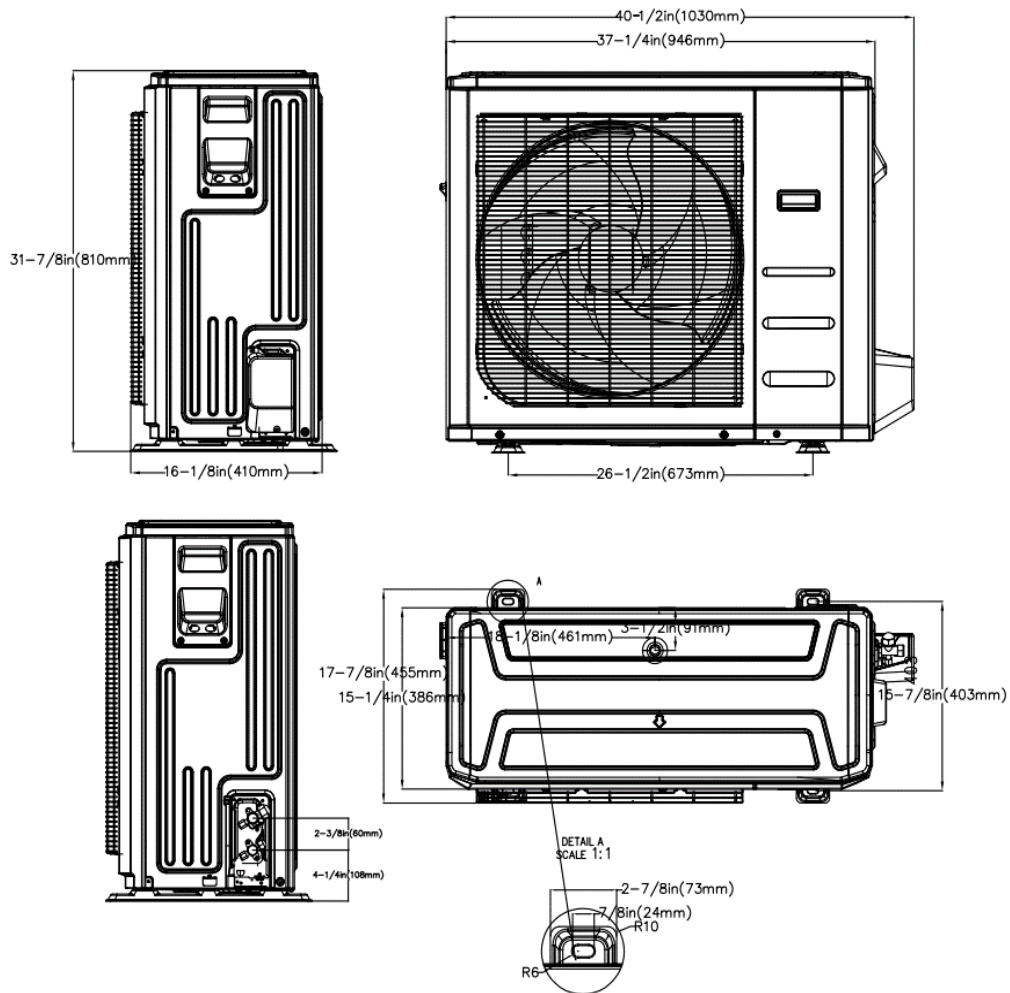
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



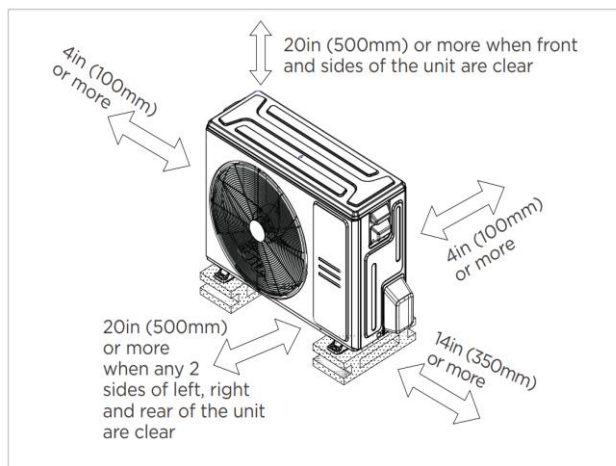
NOTE:

When the gas side connective pipe is Φ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.

Outdoor Unit Dimension



Installation Instruction



- ☒ Meets all spatial requirements shown in Installation Clearance Requirements above.

FEATURES

- Intelligent eye
- Easy maintenance design
- Indoor unit TU1 copper coil
- Humidity control
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle
- OTA(by using WiFi dongle)
- Multiple control options available:
 - Wireless remote controller
 - Optional wired controller: 120L
 - Third-Party 24V Thermostat*

*24V interface is required.