



Indoor Unit:NDHAS26BB-24-I
Outdoor Unit:NDHAS26BA-24-O

24000 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)		812.3 / 618.0 / 412.0 / 317.8 / /
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		54.5/43.5/38.5/27/16
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	43.65/55.56
	kg	19.8/25.2

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KTM240D46UKT2
Refrigerant		R454B
Refrigerant Oil Charge(mL)		620
Refrigerant Oil		VG74
Outdoor Air Flow (Max) (CFM)		2235.3
Outdoor Noise Level (dBA)		61.5
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946.0×410.0×810.0
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
	mm	1090×500×885
Net/Gross Weight	lbs	130.29/141.31
	kg	59.1/64.1

EFFICIENCY

Cooling		Heating	
SEER2	21	HSPF2-4	13.5
EER2	13.0	COP	3.42

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	24000
Min/Max Capacity	12600~27900
Moisture Removal(L/h)	2.7
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	24.9
Connection Wiring	14#x4
System MOCP	25
Compressor RLA	15.0
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.3
Indoor Fan Motor W	58
RLA: Rated load amps (A) W: Fan motor rated output (W)	

System Power Input @ Cooling (W)

1846(940 ~ 2280)

System Power Input @ Heating (W)

2485(675 ~ 2570)

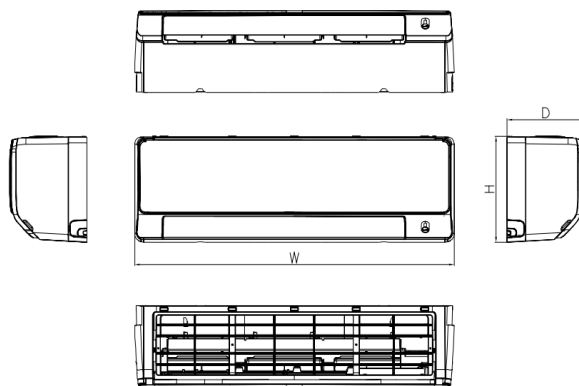
MCA: Min. circuit amps (A)

MOCP: Max. over current protection (A)

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	29000
1. @ 47°F Min/Max Capacity	11800~29700
2. @ 17°F Rated	22200
3. @ 5°F Rated: Capacity / COP	24200/2.34
3. @ 5°F Max: Capacity	24200
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+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	15.9mm(5/8in)
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)	63.49(1.8)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

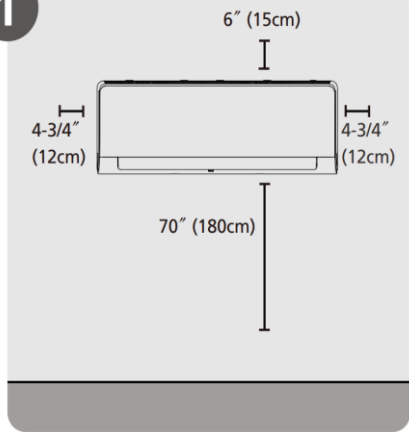
Indoor Unit Dimension



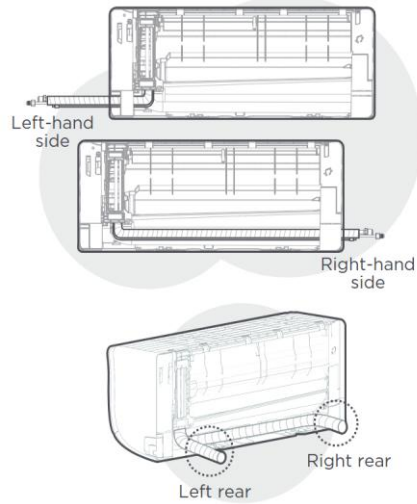
Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	848	233	300
		inch	33-3/8	9-1/8	11-3/4
18k~24k	C	mm	1017	248	319
		inch	40	9-3/4	12-1/2
24k~36k	D	mm	1190	285	371
		inch	46-7/8	11-1/4	14-5/8

Installation Instruction

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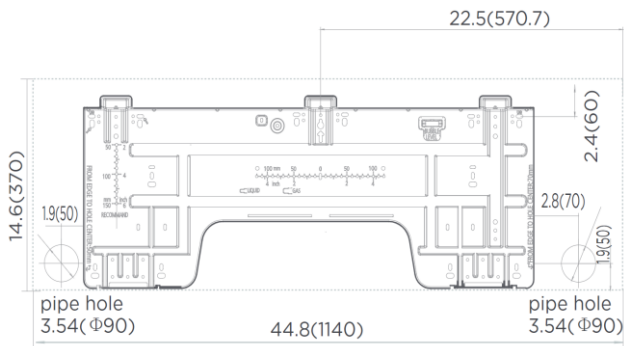


Select Installation Location



NOTE:

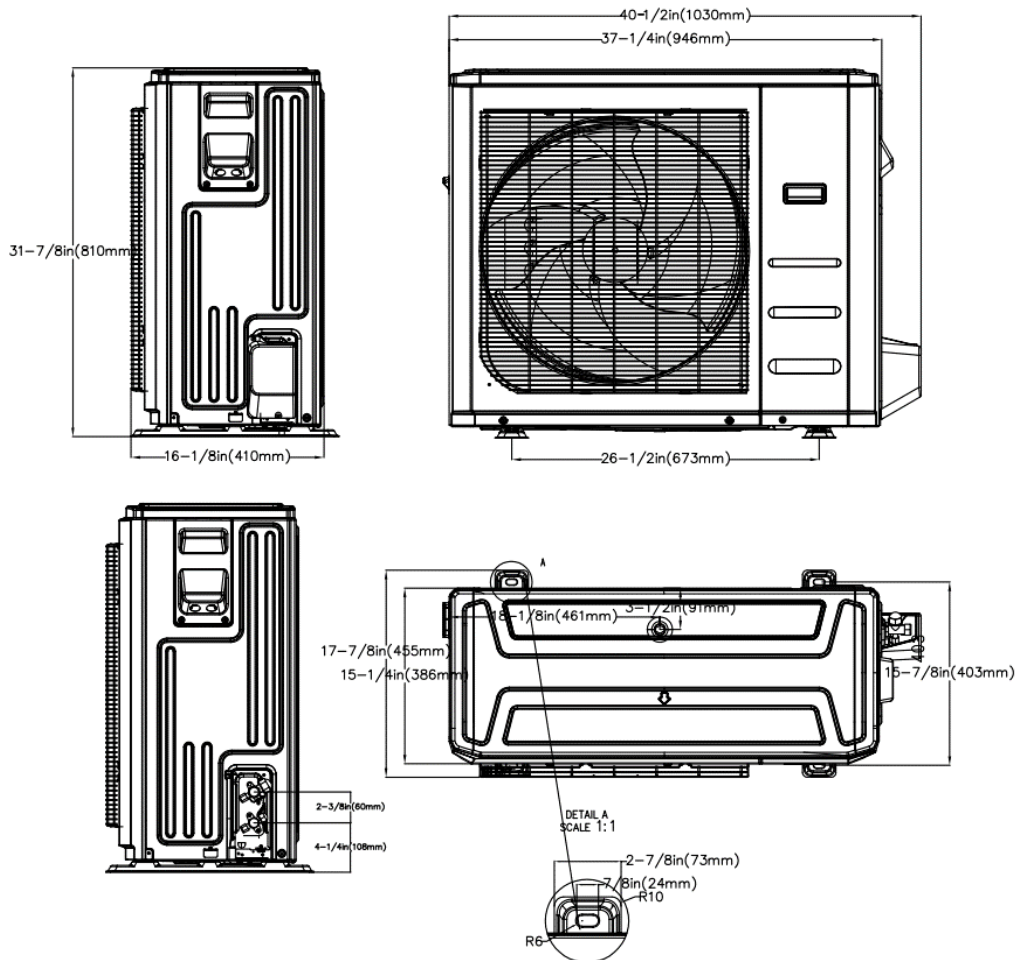
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



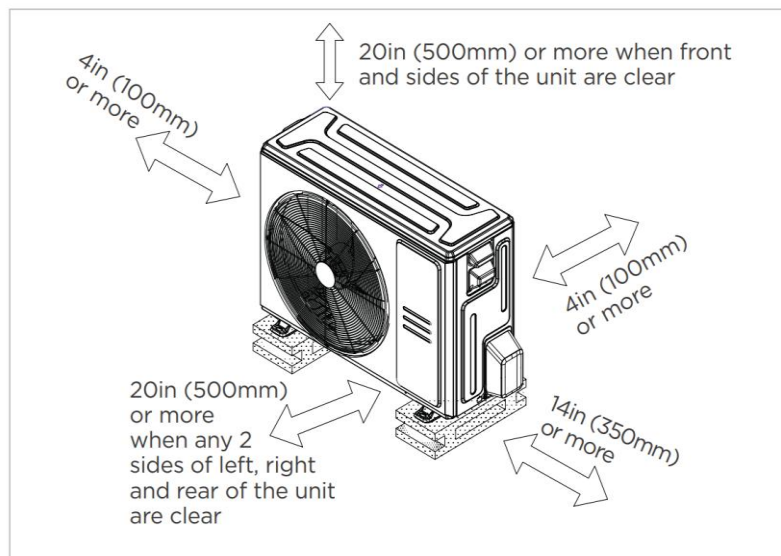
NOTE:

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.