

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/Si) (CFM)		759.3 / 500.3 / 441.4 / 370.8 / /
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		54/45/40.0/26/20
Dimension (W×D×H)	inch	42.60 x 9.21 x 13.27
	mm	1082.0×234.0×337.0
Package (W×D×H)	inch	45.47 x 16.34 x 12.40
	mm	1155×415×315
Net/Gross Weight	lbs	30.42/39.68
	kg	13.8/18

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System MCA	18.0
Connection Wiring	14#x4
System MOCP	20
Indoor Fan Motor RLA	0.8
Indoor Fan Motor W	58
System Power Input @ Cooling (W)	1333(355 ~ 1700)
System Power Input @ Heating (W)	1385(410 ~ 1750)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

EFFICIENCY

Cooling		Heating	
SEER2	24.0	HSPF2-4	11.1
EER2	13.5	COP	3.81

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18000
Min/Max Capacity	3600~20000
Moisture Removal(L/h)	1.4
Standard Operating Range(°F/°C)	-13~122(-25~50)
Conditions:	
Indoor: 80°F DB/67°F WB	
Outdoor: 95°F DB/75°F WB	

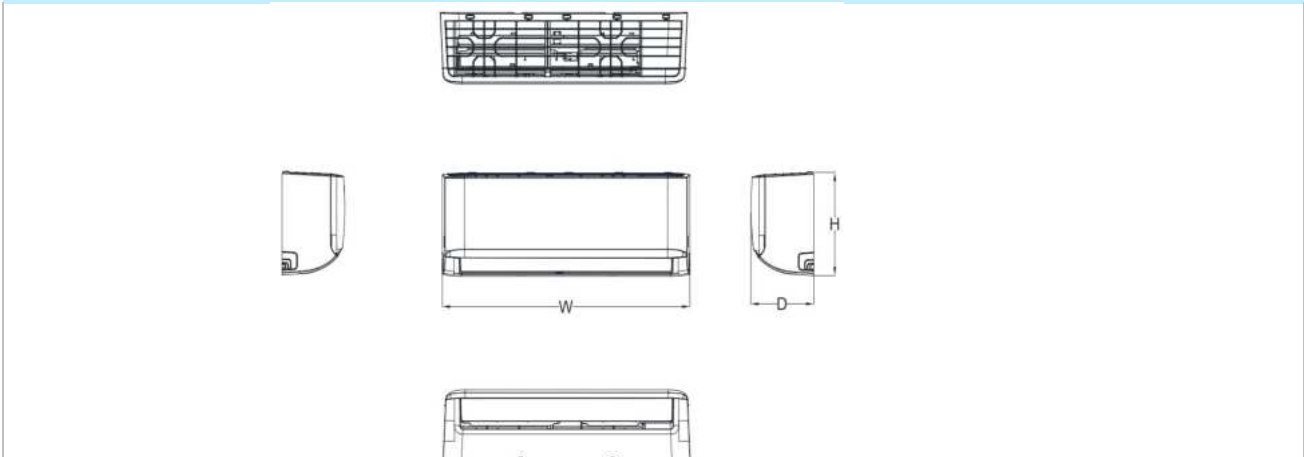
PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	18000
1. @ 47°F Min/Max Capacity	7600~22000
2. @ 17°F Rated	13000
3. @ 5°F Rated: Capacity / COP	13000/2.35
3. @ 5°F Max: Capacity	13000
Standard Operating Range(°F/°C)	-13~75(-25~24)
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

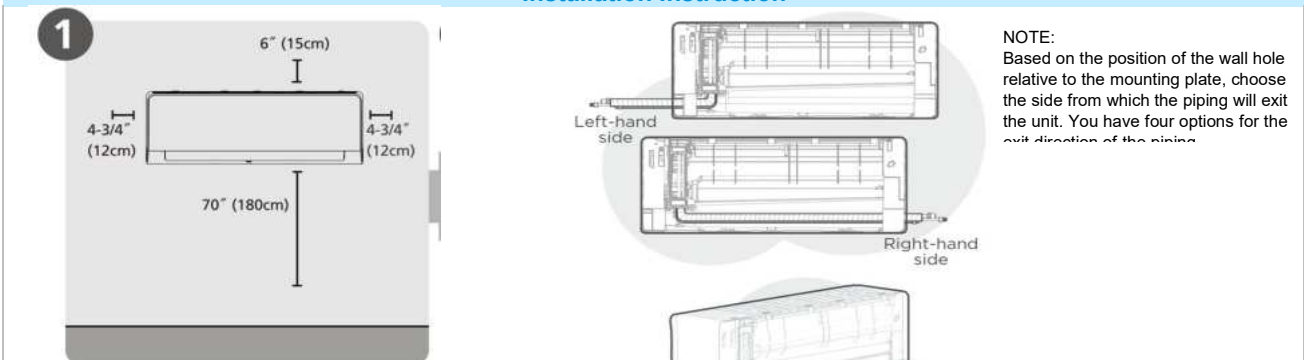
Throttle type(Indoor)	N/A
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Max. Piping Length(ft/m)	98.40(30)
Max. Height Difference(ft/m)	65.60(20)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	47.97(1.36)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.16(15)
Connection Method	Flared

Indoor Unit Dimension

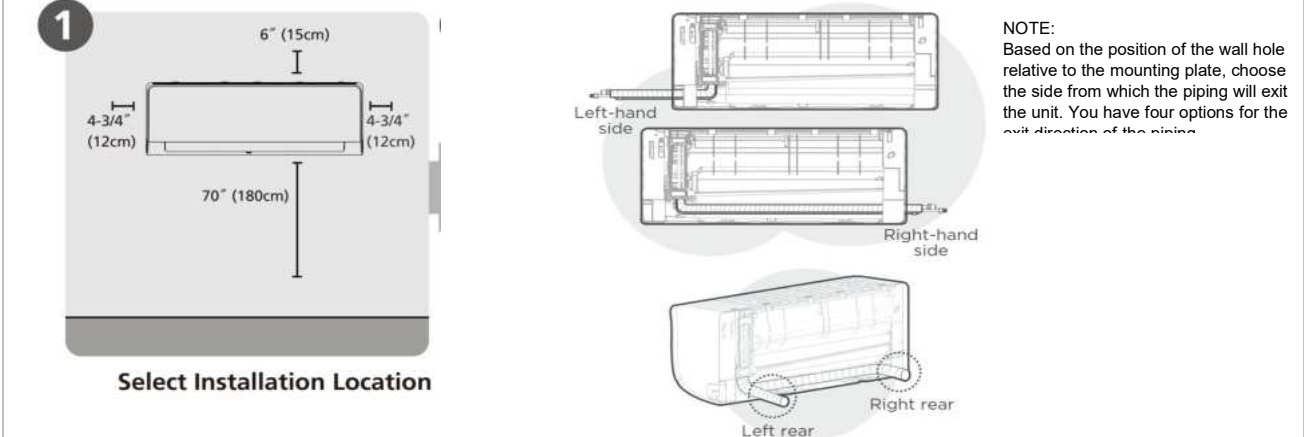


Capacity	Body Code	W(inch/mm)	D(mm/inch)	H(mm/inch)
6K~9K	A	28-3/4in /729mm	7-7/8in /200mm	11-1/2in /292mm
9K~12K	B	31-5/8in /802mm	7-7/8in /200mm	11-5/8in /295mm
18K	C	38-1/4in /971mm	9in/228mm	12-5/8in /321mm
18K~24K	D	42-5/8in /1082mm	9-1/4in/234mm	13-1/4in /337mm
30K~36K	F	49-5/8in /1259mm	11-1/8in/283mm	14-1/4in /362mm

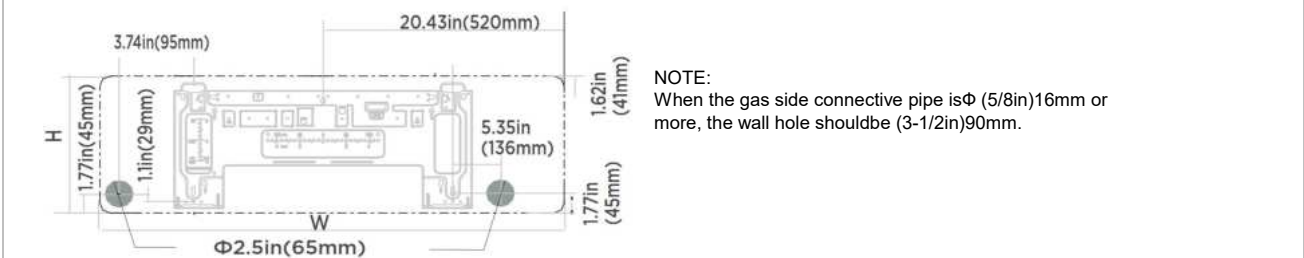
Installation Instruction



Select Installation Location



1 6" (15cm) NOTE:



Indoor unit dimensions(WxH):
38.2in(971mm)x12.6in(321mm)

NOTE:

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

FEATURES

- Indoor unit TU1 copper coil
- Humidity control
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- Multiple control options available:
 - Two way communication wired controller:AWC-8P-CPP*
 - Two way communication wired controller with built-in WiFi:AWC-8P-LC-WIFI
 - Infrared wired controller: AWC-4
 - Wireless remote controller
 - Third-Party 24V Thermostat

*24V interface is required.