

SUBMITTAL DATA SHEET



Series Name: 25 Series

Model Number: SZ12H525ZMO /WM12H525ZMI

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)	441.4 / 323.7 / 229.6 / 176.6 / 147.2	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	46/38/33.0/18.0/18	
Dimension (WxDxH)	inch	33.74 x 9.09 x 11.81
Package (WxDxH)	inch	36.22x12.20x14.57
Net/Gross Weight	lbs	22.93/29.32

OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Compressor Model	KSK103D33UEZ3	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	310	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	1235.3	
Outdoor Noise Level (dBA)	56.0	
Dimension (WxDxH)	inch	30.12 x 11.93 x 21.85
Package (WxDxH)	inch	34.92 x 13.27 x 24.02
Net/Gross Weight	lbs	62.17/67.68

EFFICIENCY			
Cooling		Heating	
SEER2	25.5	HSPF2-4	10.6
EER2	13	COP	3.90

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	12000
Min/Max Capacity	2900~14500
Moisture Removal(L/h)	1.1
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	12000
1. @ 47°F Min/Max Capacity	4500~15400
2. @ 17°F Rated	9300
3. @ 5°F Rated: Capacity / COP	8400/2.30
3. @ 5°F Max: Capacity	8400
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

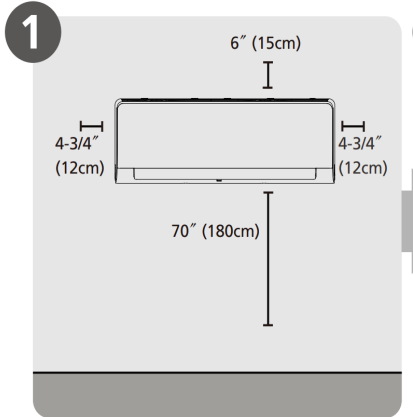
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	12.0
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	7.3
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	20
System Power Input @ Cooling (W)	916(185 ~ 1270)
System Power Input @ Heating (W)	902(225 ~1290)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/g)	32.45(0.92)
Additional Charge of Refrigerant(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

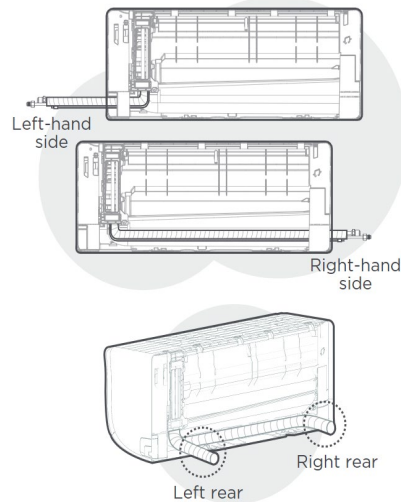
Features

- Easy maintenance design
- 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:120N(X6)
 - Two way communication wired controller with built-in WiFi:120N(X6W)
 - Infrared wired controller: 120L
 - Wireless remote controller
 - Third-Party 24V Thermostat*

Installation Instruction



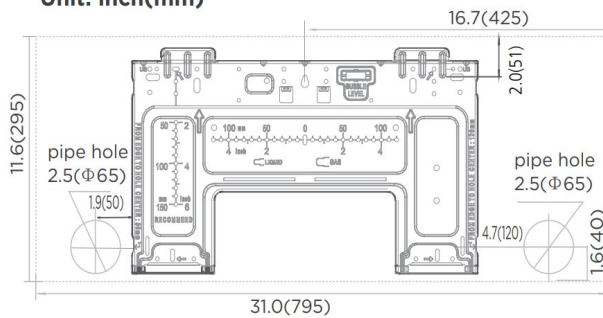
Select Installation Location



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.

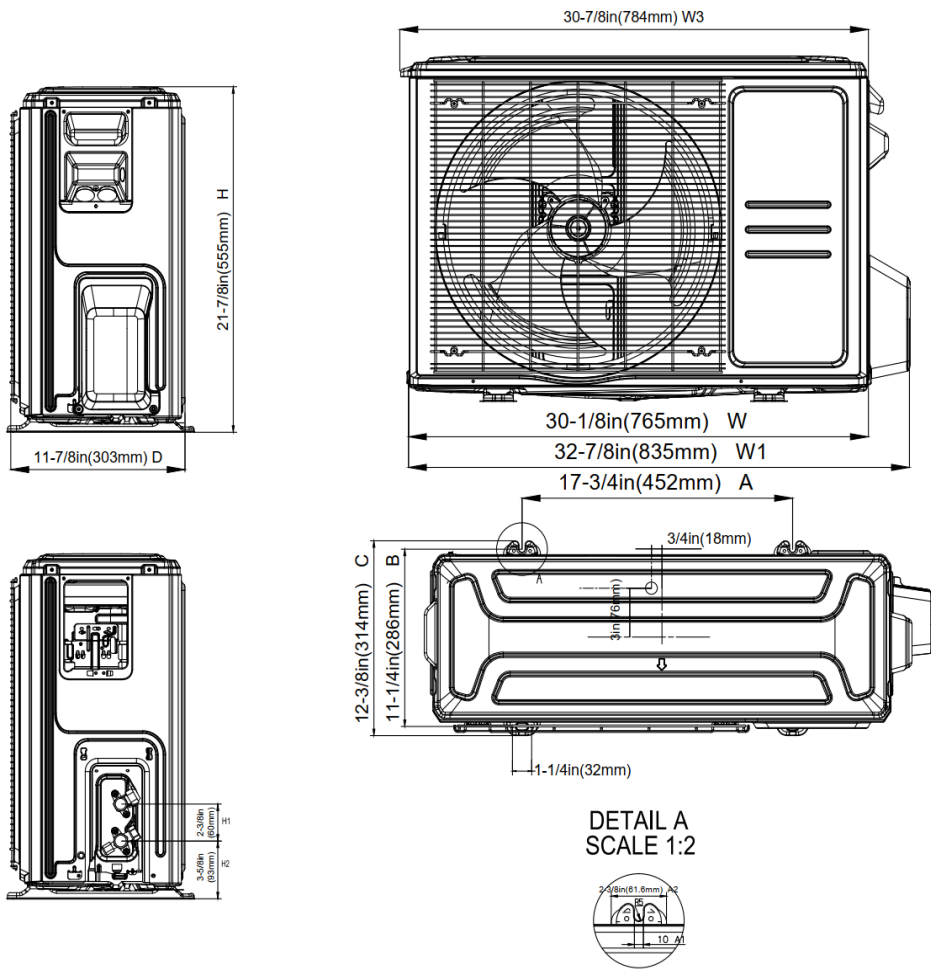
Unit: inch(mm)



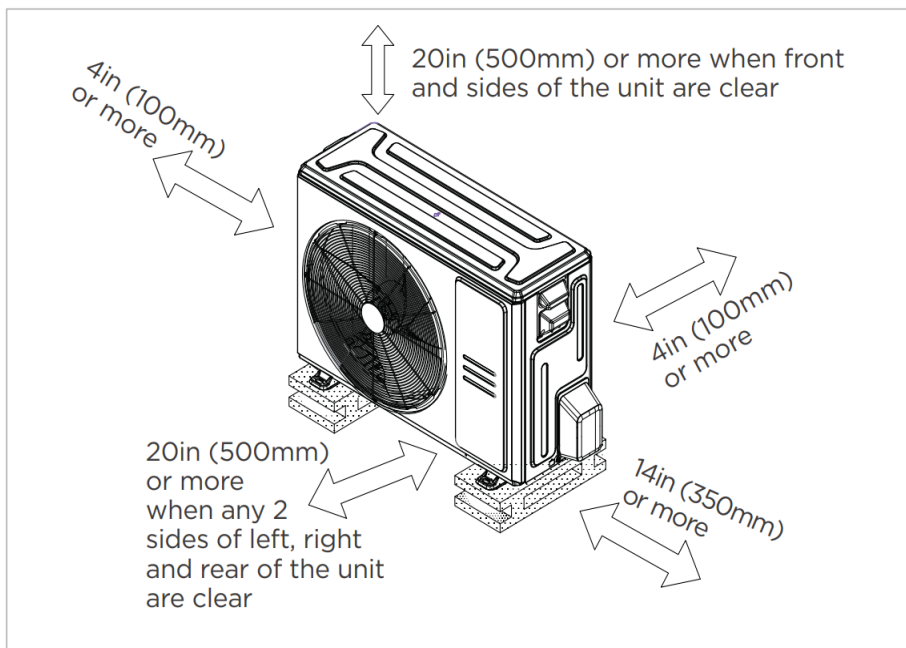
NOTE:

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.