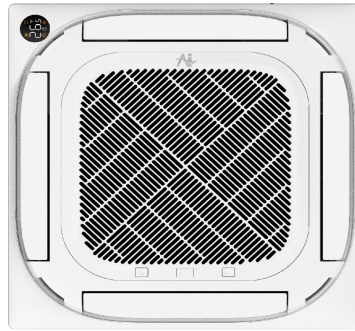




Model Number: AC-12N2-M1

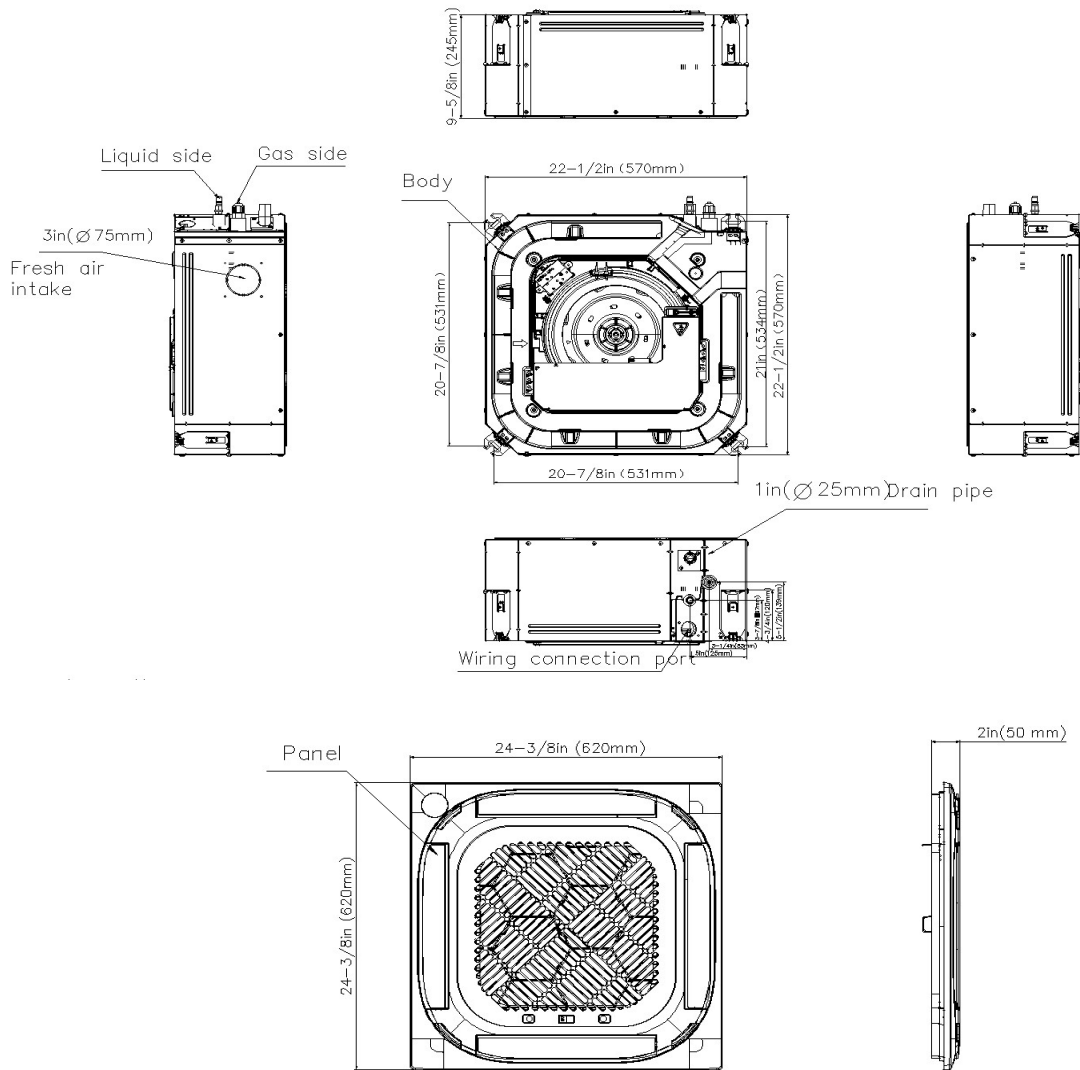
Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

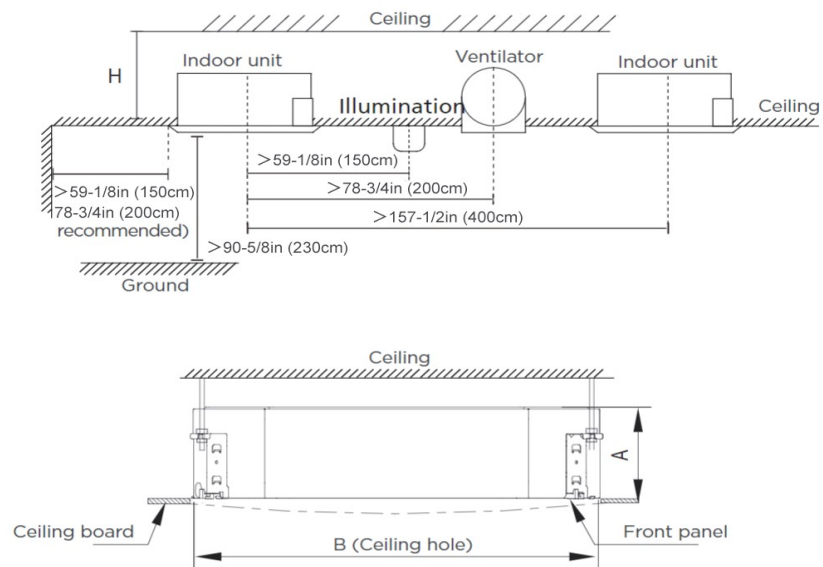


Item	Unit	Specification
Performance Data		
Cooling Capacity	Btu/h	12000(3800~15100)
Heating Capacity	Btu/h	12000(5300~16200)
Design Pressure	PSIG	550/340
Refrigerant Type	-	R454B
Liquid Side	inch(mm)	1/4in (6.35mm)
Gas Side	inch(mm)	3/8in (9.52mm)
Indoor Operation Range of Cooling	Deg.°F (°C)	60°F~90°F (16°C~32°C)
Indoor Operation Range of Heating	Deg.°F (°C)	32°F~86°F (0°C~30°C)
Electrical		
Normal Operational Voltage	V, Hz, Ph	208/230V,60Hz,1Ph
Voltage Range	V	187-253
Connection Wiring	-	AWG 14-4
Indoor Fan Motor Model	-	ZKFN-45-8-2
Indoor Fan Motor Output	W	45
Indoor Fan Motor RLA	A	0.9
Indoor Fan Motor Speed(Hi/Mi/Lo)	r/min	700/600/400
Air Flow & Noise Level		
Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)	CFM	418/365/306/194/147
Indoor Noise Level (Turbo/Hi/Mi/Lo/Si)	dB(A)	46/44/41/28/26
Moisture Removal	L/H (pint/H)	1.45L/H (3.06pint/H)
Dimension (W×D×H)	inch	22-1/2 x 22-1/2 x 9-5/8
	mm	570 x 570 x 245
Package (W×D×H)	inch	28-1/8 x 25-1/4 x 11-5/8
	mm	715 x 640 x 295
Net Weight / Gross Weight	lbs	35/42
	kg	16/19

Indoor Unit Dimension



Installation Instruction



Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9-5/8in (245mm)	> 10-7/8in (275mm)	23-5/8in (600mm)
24K	8-1/8in (205mm)	9in (230mm)	
36K	9-5/8in (245mm)	10-5/8in (271mm)	35-3/8in (900mm)
48K	11-1/4in (287mm)	12-3/8in (313mm)	

FEATURES

- 360° Air Flow
- Built-in remote on-off and alarm terminals
- Refrigerant leakage detector(Optional)
- Humidity sensor
- Built-in water pump
- 1~100% stepless adjustable fan speed setting
- WiFi capability: through WiFi module or wired controller with WiFi function
- OTA function: can upgrade the program version anytime
- 2-pin connector(HA/HB) for programmable wired controller
- Multiple controller options available:
 - Optional two way communication wired controller, programmable:120N(X6)
 - Optional two way communication wired controller, programmable, with built-in WiFi, :120N(X6W)
 - Optional Infrared wired controller: 120L
 - Standard Wireless remote controller
 - Optional 24V interface kit, can connect with Third-Party 24V Thermostat