

# Indoor Unit

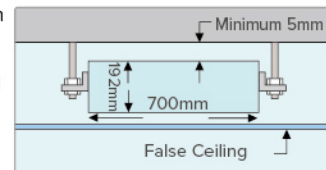
# Indoor Unit

## Slim Ceiling Ducted Type (Width 700mm, Height 192 mm)



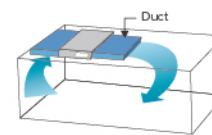
### Installation Space-saving

With a width of 700mm and height of 192mm may be easily installed inside narrow residential ceiling.



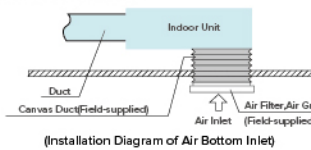
### Excellent Air Flow

Cooling and heating air distributed from the unit to indoor space through ducts, which creates a comfortable environment.



### Satisfy Varied Requests on Installation

Available air inlet as rear or bottom entry, consumers can choose relevant air inlet mode according to the practical installation space.



### Adjustable Indoor Unit Static Pressure

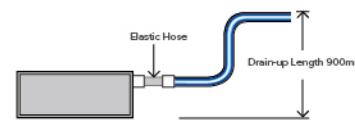
Indoor unit can adjust static pressure automatically according to the house structure and installation condition, ensure that the indoor unit operates in the optimum exhaust state.



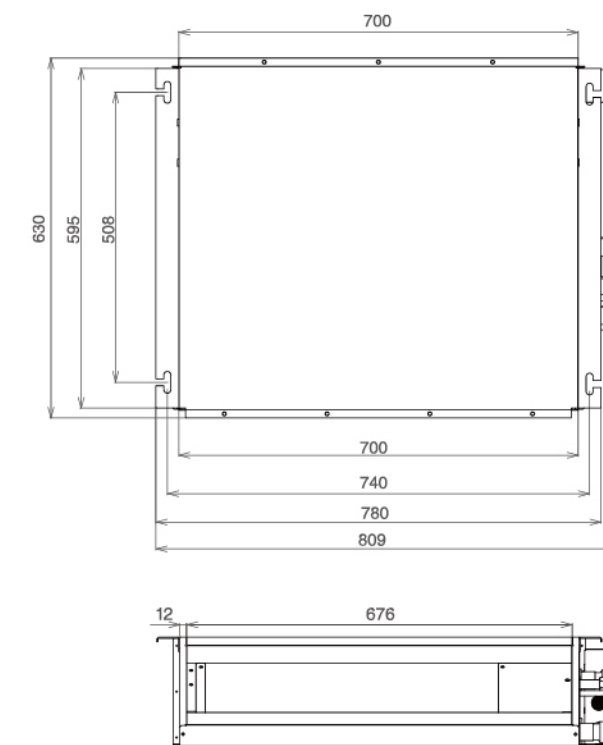
When the required duct is short, the static pressure can be set lower.  
When the required duct is long, the static pressure can be set higher.

### Drain-up Mechanism as Standard Part

Drain-up length achieves 900mm which enables convenient drain piping and enlarges the flexibility of installation.



Models: AVE-07~14\*GL Model Unit:mm



Indoor Unit		Slim Ceiling Ducted Type			
Model	AC1Φ 220 ~240V/50Hz	AVE-07UXCSGL	AVE-09UXCSGL	AVE-12UXCSGL	AVE-14UXCSGL
	AC1Φ 220V/60Hz	AVE-07UX2SGL	AVE-09UX2SGL	AVE-12UX2SGL	AVE-14UX2SGL
Nominal Cooling Capacity	KW	2.2	2.8	3.6	4.3
	Kcal/h	1,900	2,400	3,100	3,700
	Btu/h	7,500	9,600	12,300	14,700
Nominal Heating Capacity	KW	2.8	3.3	4.2	4.9
	Kcal/h	2,400	2,800	3,600	4,200
	Btu/h	9,600	11,300	14,300	16,700
Noise Level (H/M/L)	dB(A)	27-23-21	27-23-21	31-29-27	31-29-27
Outer Dimensions	H	mm	192	192	192
	W	mm	700	700	700
	D	mm	602	602	602
Net Weight	Kg	21	21	21	21
Air Flow Rate (H/M/L)	m <sup>3</sup> /h	450/380/335	450/380/335	590/510/470	590/510/470
Motor Power	W	50	60	60	60
Piping Connections		Flare-nut Connection(with Flare Nuts)			
Liquid Line	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
Gas Line	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7
Condensate Drain		VP25(Outer Diameter Φ32)			
External Static Pressure	Pa	10(30)	10(30)	10(30)	10(30)
Packing Volume	m <sup>3</sup>	0.15	0.15	0.15	0.15

NOTES:  
1.The nominal cooling capacity and heating capacity are based on following conditions:  
Cooling Operation Conditions  
Indoor Air Inlet Temperature: 27°C DB(80°F DB), 19.0°C WB(66.2°F WB)  
Outdoor Air Inlet Temperature: 35°C DB(95°F DB)  
Piping Length: 7.5 Meters Piping Lift: 0 Meter  
Heating Operation Conditions  
Indoor Air Inlet Temperature: 20°C DB(68°F DB)  
Outdoor Air Inlet Temperature: 7°C DB(45°F DB), 6°C WB(43°F WB)

2. The sound pressure level is based on following conditions: 1.5m beneath the unit. With discharge duct (2.0m) and return duct(1.0m)  
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.  
When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.

