

# Ceiling & Floor

## Sleek Design

The glossy white cover panel features a smooth and elegant design. The bolts and nuts used for mounting the unit on the wall or ceiling are concealed, ensuring seamless integration into the room's interior.



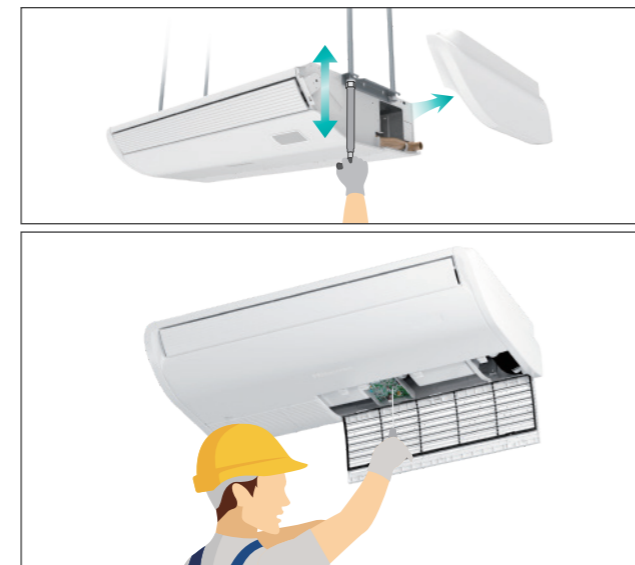
## Flexible Installation

The unit can be installed either on the floor or mounted on the ceiling.



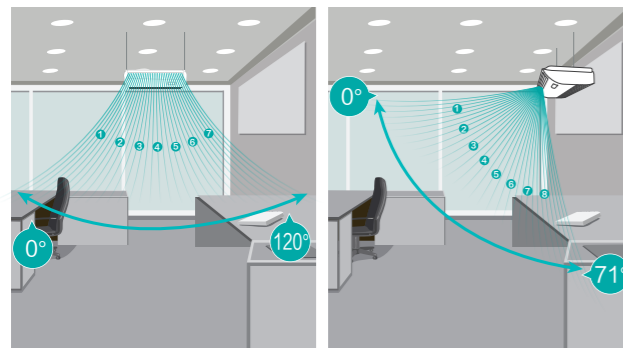
## Convenient Installation and Maintenance

You can effortlessly adjust the installation height by opening the side panel. With duct connections and the electrical box located behind the return air panel, maintenance is also easier.



## Wide Air Supply

Louvers consist of horizontal and vertical slats to cover larger coverage area to every corner. Wider opening angle from up to 120° for vertical louvers and up to 71° for horizontal louvers supplies air further and lower down to floor.



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Model		AVV-17URSCA	AVV-18URSCA	AVV-22URSCA	AVV-24URSCA	AVV-27URSCB	AVV-30URSCB	AVV-38URSCB	AVV-48URSCC		
Power Supply		AC 1Φ, 220V~240V/50Hz/60Hz									
Capacity	Cooling	kW	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2	
		Btu/h	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500	
	Heating	kW	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3	
		Btu/h	19,100	22,200	25,600	29,000	32,800	34,100	44,400	55,600	
Power Input	Cooling	W	40	40	70	70	70	80	130	160	
	Heating	W	40	40	70	70	70	80	130	160	
Sound Pressure	Ceiling	dB(A)	39/35/30	39/35/30	45/41/37	45/41/37	43/39/34	45/40/36	51/46/40	50/46/42	
	Floor	dB(A)	43/38/35	43/38/35	48/44/40	48/44/40	46/41/37	48/43/39	54/49/43	55/50/46	
Airflow Rate	m <sup>3</sup> /min	13.0/11.0/9.0	13.0/11.0/9.0	16.1/14.0/11.3	16.1/14.0/11.3	18.2/15.2/12.2	19.4/16.3/13.3	24.8/20.5/16.3	33.0/28.0/23.0		
Speed-up Setting HH1	m <sup>3</sup> /min	14.2	14.2	17.8	17.8	19.8	21.2	27.0	36.0		
Speed-up Setting HH2	m <sup>3</sup> /min	16.0	16.0	20.0	20.0	22.3	23.5	29.2	37.4		
Panel Colour		Neture White									
Piping	Connection Type		Flare-nut Connection (with Flare Nuts)								
	Liquid	mm	φ 6.35	φ 6.35	φ 9.53	φ 9.53	φ 9.53	φ 9.53	φ 9.53	φ 9.53	
		inch	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	
	Gas	mm	φ 15.88	φ 15.88	φ 15.88	φ 15.88	φ 15.88	φ 15.88	φ 15.88	φ 15.88	
		inch	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	
Condensate Drain	mm	I.D.32									
Weight	Net Weight	kg	31	31	32	32	39	40	41	47	
	Gross Weight	kg	38	38	39	39	46	47	48	56	
Dimensions	External	H mm	230	230	230	230	230	230	230	230	
		W mm	990	990	990	990	1285	1285	1285	1580	
	Packaging	H mm	340	340	340	340	340	340	340	340	
		W mm	1110	1110	1110	1110	1400	1400	1400	1690	
	D mm	830	830	830	830	830	830	830	830		

Notes:

1. The nominal cooling capacity and heating capacity are based on the 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 the following conditions:  
 1.0m beneath the unit, 1.0m from Discharge Grille.  
 The above data was measured in an anechoic chamber so that the 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.

# Floor Concealed

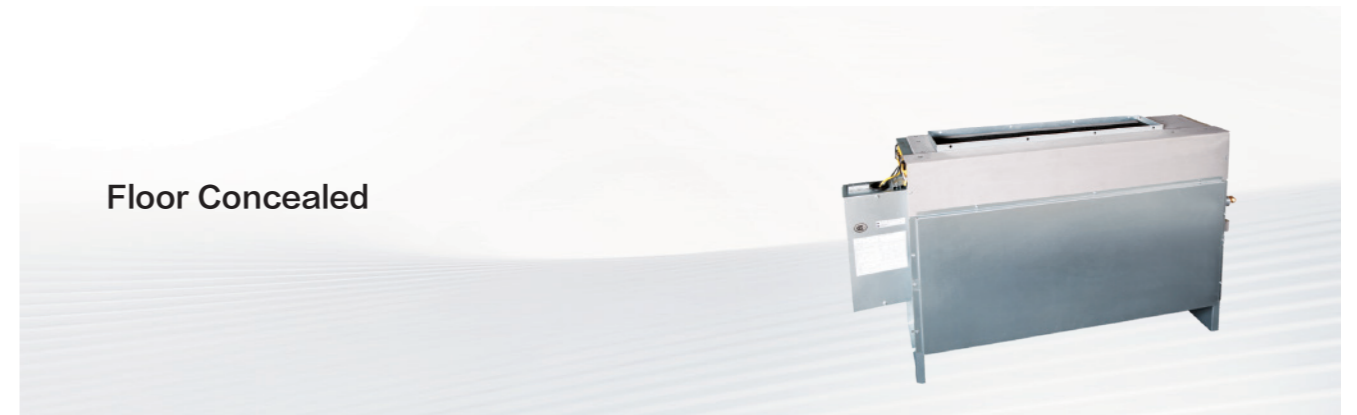
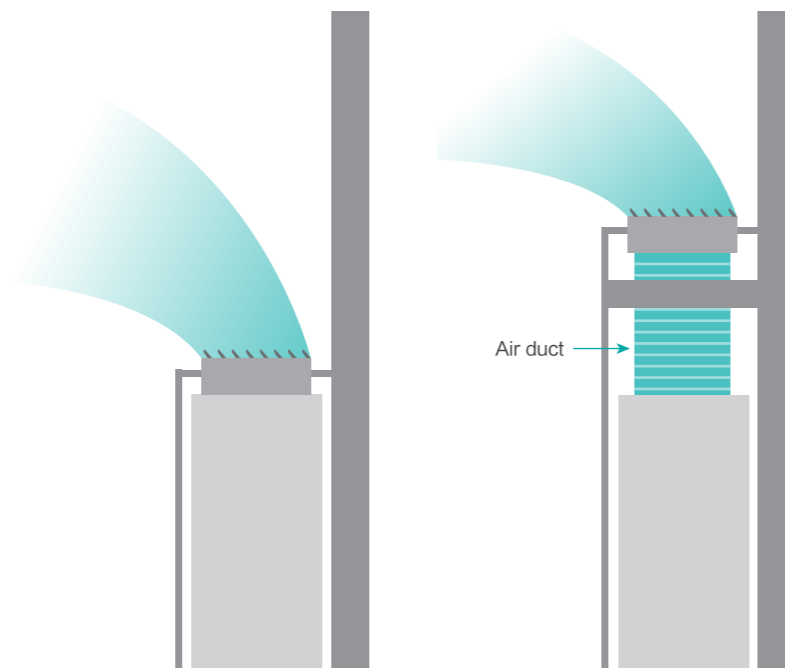
## Space Saving

Floor concealed units are designed to be installed on floors completely concealed into the walls which designed to be slim and compact with only height of 620mm to be hidden under half-heighted windows.



## Adjustable Static Pressure and Flexible Installation

With 2-level external static pressure adjustable, project design and installation are more flexible. Users can choose the air duct to increase the air supply distance in order to achieve the completely concealed installation.



Model		AVH-09UXCSAA	AVH-14UXCSAA	AVH-18UXCSBA	AVH-24UXCSBA	
Power Supply		AC 1Φ, 220V-240V/50Hz				
Model		AVH-09UX2SAA	AVH-14UX2SAA	AVH-18UX2SBA	AVH-24UX2SBA	
Power Supply		AC 1Φ, 220V/60Hz				
Capacity	Cooling	kW	2.8	4.3	5.6	7.1
		Btu/h	9,600	14,700	19,100	24,200
	Heating	kW	3.3	4.9	6.5	8.5
		Btu/h	11,300	16,700	22,200	29,000
Power Input	Cooling	W	50	80	90	120
	Heating	W	50	80	90	120
Sound Pressure	dB(A)	34/31/27	40/36/34	41/36/32	44/40/36	
Airflow Rate	m <sup>3</sup> /min	8.5/7.5/6.3	10.3/9.0/8.0	14.8/12.3/10.5	16.3/13.8/11.8	
Piping	Connection Type	-	Flare-nut Connection (with Flare Nuts)			
	Liquid	mm	φ 6.35	φ 6.35	φ 6.35	φ 9.53
		inch	1/4	1/4	1/4	3/8
	Gas	mm	φ 12.70	φ 12.70	φ 15.88	φ 15.88
		inch	1/2	1/2	5/8	5/8
	Condensate Drain	mm	I.D.32			
Weight	Net Weight	kg	18	22	26	27
	Gross Weight	kg	30	31	37	37
Dimensions	External	H mm	620	620	620	620
		W mm	948+139	948+139	1218+139	1218+139
		D mm	202	202	202	202
	Packaging	H mm	675	675	675	675
		W mm	1160	1160	1430	1430
		D mm	240	240	240	240

**Notes:**

1. The nominal cooling capacity and heating capacity are based on the following conditions:  
 Cooling Operation Conditions  
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 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 the following conditions:  
 1.5m meters from the unit and 1.5m meters from floor level.  
 The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.