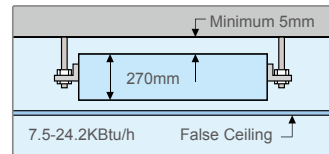


### Ceiling Ducted Type (High Static Pressure)

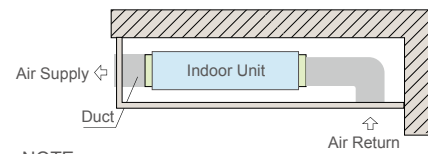


#### Installation Space-saving

The height less than 270mm can be easily fit into the limited space in the false ceiling (7.5-24.2KBtu/h).



#### Satisfying Varied Requests on Installation



NOTE:  
When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.



#### Fresh Indoor Air

By introducing fresh outdoor air and being equipped with the air filter to keep indoor air clean.



#### Excellent Air Flow

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



#### Optional Parts

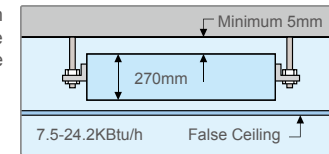
The drain pump can be supplied as optional part.

### Ceiling Ducted Type (Low Static Pressure)

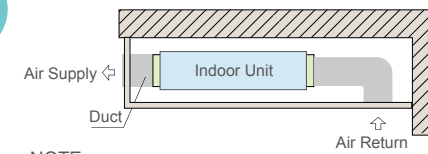


#### Installation Space-saving

The height less than 270mm can be easily fit into the limited space in the false ceiling (7.5-24.2KBtu/h).



#### Satisfying Varied Requests on Installation



NOTE:  
When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.



#### Fresh Indoor Air

By introducing fresh outdoor air and being equipped with the air filter to keep indoor air clean.



#### Excellent Air Flow

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



#### Optional Parts

The drain pump can be supplied as optional part.

Indoor unit		Ceiling Ducted type (High Static Pressure)															
Model Power Supply	AC1Φ 220~240V/50Hz	AVD-07 UXCSAH	AVD-09 UXCSAH	AVD-12 UXCSAH	AVD-14 UXCSAH	AVD-17 UXCSBH	AVD-18 UXCSBH	AVD-22 UXCSBH	AVD-24 UXCSBH	AVD-27 UXCSCH	AVD-30 UXCSCH	AVD-38 UXCSCH	AVD-48 UXCSDH	AVD-54 UXCSDH	AVD-76 UX6SEH*1	AVD-96 UX6SFH*1	
	AC1Φ 220V/60Hz	AVD-07 UX2SAH	AVD-09 UX2SAH	AVD-12 UX2SAH	AVD-14 UX2SAH	AVD-17 UX2SBH	AVD-18 UX2SBH	AVD-22 UX2SBH	AVD-24 UX2SBH	AVD-27 UX2SCH	AVD-30 UX2SCH	AVD-38 UX2SCH	AVD-48 UX2SDH	AVD-54 UX2SDH	AVD-76 UX2SFH*2	AVD-96 UX2SFH*2	
Nominal Cooling Capacity	kW	2.2	2.8	3.6	4.3	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2	16.0	22.4	28.0	
	kcal/h	1,900	2,400	3,100	3,700	4,300	4,800	5,400	6,100	7,200	7,700	9,600	12,200	13,800	19,300	24,100	
	Btu/h	7,500	9,600	12,300	14,700	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500	54,600	76,500	95,600	
Nominal Heating Capacity	kW	2.8	3.3	4.2	4.9	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3	18.0	25.0	31.5	
	kcal/h	2,400	2,800	3,600	4,200	4,800	5,600	6,500	7,300	8,300	8,600	11,200	14,000	15,500	21,500	27,100	
	Btu/h	9,600	11,300	14,300	16,700	19,100	22,200	25,600	29,000	32,800	34,100	44,400	55,600	61,400	85,300	107,500	
Noise Level (H/M/L)	dB(A)	33-31-29	33-31-29	33-31-29	33-31-29	34-32-30	34-32-30	36-34-32	36-34-32	41-39-34	41-39-34	43-40-36	44-41-36	43-40-37	52	54	
Outer Dimensions	H	mm	270	270	270	270	270	270	270	350	350	350	350	350	470	470	
	W	mm	650+75	650+75	650+75	650+75	900+75	900+75	900+75	900+75	900+75	900+75	1300+75	1300+75	1060	1250	
	D	mm	720	720	720	720	720	720	720	800	800	800	800	800	1120	1120	
Net Weight	kg	25	25	25	25	34	34	34	34	44	44	44	56	56	94	106	
Air Flow Rate (H/M/L)	m <sup>3</sup> /h	480/420/360	480/420/360	780/660/540	780/660/540	900/780/660	900/780/660	960/840/720	960/840/720	1600/1400/1150	1600/1400/1150	1600/1400/1150	2100/1750/1450	2150/1800/1550	3480	4650	
Motor Power	W	110	110	150	150	150	150	190	300	300	300	430	430	1030	1280		
Piping Connections		Flare-nut Connection(with Flare Nuts)												Brazing			
Liquid Line	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	
Gas Line	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ19.05	φ22.2	
Condensate Drain		VP25(Outer Diameter φ32 )															
External Static Pressure	Pa	50(80)	50(80)	50(80)	50(80)	50(80)	50(80)	50(80)	50(80)	120(90)	120(90)	120(90)	120(90)	120(90)	220	220	
Packing Volume	m <sup>3</sup>	0.21	0.21	0.21	0.21	0.27	0.27	0.27	0.27	0.38	0.38	0.38	0.52	0.52	0.90	1.06	

#### NOTES:

- 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)
- 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.  
\*1: AC3Φ, 380V/50Hz,  
\*2: AC3Φ, 380V/60Hz: AVD- 76UX7SEH; AVD-96UX7SFH

Indoor unit		Ceiling Ducted type (Low Static Pressure)															
Model Power Supply	AC1Φ 220~240V/50Hz	AVD-07 UXCSAL	AVD-09 UXCSAL	AVD-12 UXCSAL	AVD-14 UXCSAL	AVD-17 UXCSBL	AVD-18 UXCSBL	AVD-22 UXCSBL	AVD-24 UXCSBL	AVD-27 UXCSCL	AVD-30 UXCSCL	AVD-38 UXCSCL	AVD-48 UXCSDL	AVD-54 UXCSDL	AVD-76 UX6SEL*1	AVD-96 UX6SFL*1	
	AC1Φ 220V/60Hz	AVD-07 UX2SAL	AVD-09 UX2SAL	AVD-12 UX2SAL	AVD-14 UX2SAL	AVD-17 UX2SBL	AVD-18 UX2SBL	AVD-22 UX2SBL	AVD-24 UX2SBL	AVD-27 UX2SCL	AVD-30 UX2SCL	AVD-38 UX2SCL	AVD-48 UX2SDL	AVD-54 UX2SDL	AVD-76 UX7SEL*2	AVD-96 UX7SFL*2	
Nominal Cooling Capacity	kW	2.2	2.8	3.6	4.3	5.0	5.6	6.3	7.1	8.4	9.0	11.2	14.2	16.0	22.4	28.0	
	kcal/h	1,900	2,400	3,100	3,700	4,300	4,800	5,400	6,100	7,200	7,700	9,600	12,200	13,800	19,300	24,100	
	Btu/h	7,500	9,600	12,300	14,700	17,100	19,100	21,500	24,200	28,700	30,700	38,200	48,500	54,600	76,500	95,600	
Nominal Heating Capacity	kW	2.8	3.3	4.2	4.9	5.6	6.5	7.5	8.5	9.6	10.0	13.0	16.3	18.0	25.0	31.5	
	kcal/h	2,400	2,800	3,600	4,200	4,800	5,600	6,500	7,300	8,300	8,600	11,200	14,000	15,500	21,500	27,100	
	Btu/h	9,600	11,300	14,300	16,700	19,100	22,200	25,600	29,000	32,800	34,100	44,400	55,600	61,400	85,300	107,500	
Noise Level (H/M/L)	dB(A)	30-26-24	30-26-24	32-30-28	32-30-28	33-31-29	33-31-29	34-32-30	34-32-30	38-34-30	38-34-30	39-35-31	41-38-33	43-39-34	50	52	
Outer Dimensions	H	mm	270	270	270	270	270	270	270	350	350	350	350	350	470	470	
	W	mm	650+75	650+75	650+75	650+75	900+75	900+75	900+75	900+75	900+75	1300+75	1300+75	1060	1250		
	D	mm	720	720	720	720	720	720	720	800	800	800	800	800	1120	1120	
Net Weight	kg	25	25	25	25	34	34	34	34	44	44	44	56	56	94	106	
Air Flow Rate (H/M/L)	m <sup>3</sup> /h	480/420/360	480/420/360	780/660/540	780/660/540	900/780/660	900/780/660	960/840/720	960/840/720	1600/1400/1150	1600/1400/1150	1600/1400/1150	2100/1750/1450	2150/1800/1550	3480	4320	
Motor Power	W	110	110	150	150	150	150	190	300	300	300	430	430	1030	1280		
Piping Connections		Flare-nut Connection(with Flare Nuts)												Brazing			
Liquid Line	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	φ9.53	
Gas Line	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ19.05	φ22.2	
Condensate Drain		VP25(Outer Diameter φ32 )															
External Static Pressure	Pa	30	30	30	30	30	30	30	30	60	60	60	60	60	100	100	
Packing Volume	m <sup>3</sup>	0.21	0.21	0.21	0.21	0.27	0.27	0.27	0.27	0.38	0.38	0.38	0.52	0.52	0.90	1.06	

#### NOTES:

- 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)
- 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.  
\*1: AC3Φ, 380V/50Hz, \*2: AC3Φ, 380V/60Hz