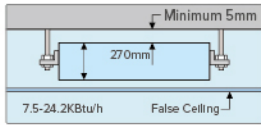


Indoor Unit

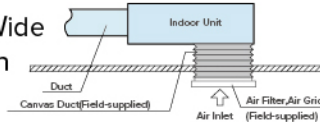
Ceiling Ducted Type (Low Static Pressure)

Installation Space-saving

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



Flexibly Supports A Wide Range Of Installation



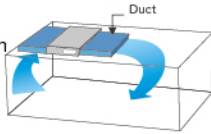
NOTE:
When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.

Fresh Indoor Air

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

Excellent Air Flow

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



Optional Parts

Drain-up mechanism can be supplied as optional part.



Indoor Unit		Ceiling Ducted type (Low Static Pressure)															
Model	Power Supply	AC1Φ, 220V/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 UX6SEH*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 UX2SCL	AVD-54 UX2SCL	AVD-76 UX7SEH*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	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)	m³/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	1550/1350/1150	1550/1350/1150	1550/1350/1150	2150/1800/1500	2200/1900/1500	3480	4320	
Motor Power	W	110	110	150	150	150	150	150	190	300	300	300	430	430	950	1120	
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	m³	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:
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)

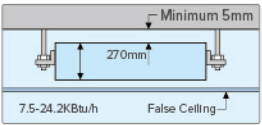
2.The sound pressure level is based on following conditions: 1.5m beneath the unit.
With discharge duct (2.0m) and return duct(1.0m)
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.
3. When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.
*1: AC3Φ, 380V/50Hz, *2: AC3Φ, 380V/60Hz

Indoor Unit

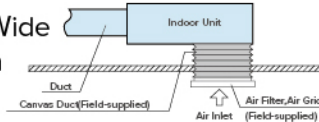
Ceiling Ducted Type (High Static Pressure)

Installation Space-saving

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



Flexibly Supports A Wide Range of Installation



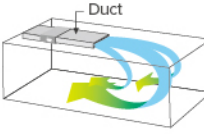
NOTE:
When bottom air inlet is adopted, sound pressure will increase according to factors such as installation mode and the room structure.

Fresh Indoor Air

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

Excellent Air Flow

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



Optional Parts

Drain-up mechanism can be supplied as optional part.



Indoor Unit		Ceiling Ducted type (Low Static Pressure)															
Model	Power Supply	AC1Φ, 220V/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 UX7SEH	AVD-96 UX7SFH
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	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	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)	m³/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	1550/1350/1150	1550/1350/1150	1550/1350/1150	2150/1800/1500	2200/1900/1500	3480	4650	
Motor Power	W	110	110	150	150	150	150	190	300	300	300	430	430	950	1120		
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)	120(90)	220	220
Packing Volume	m³	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	

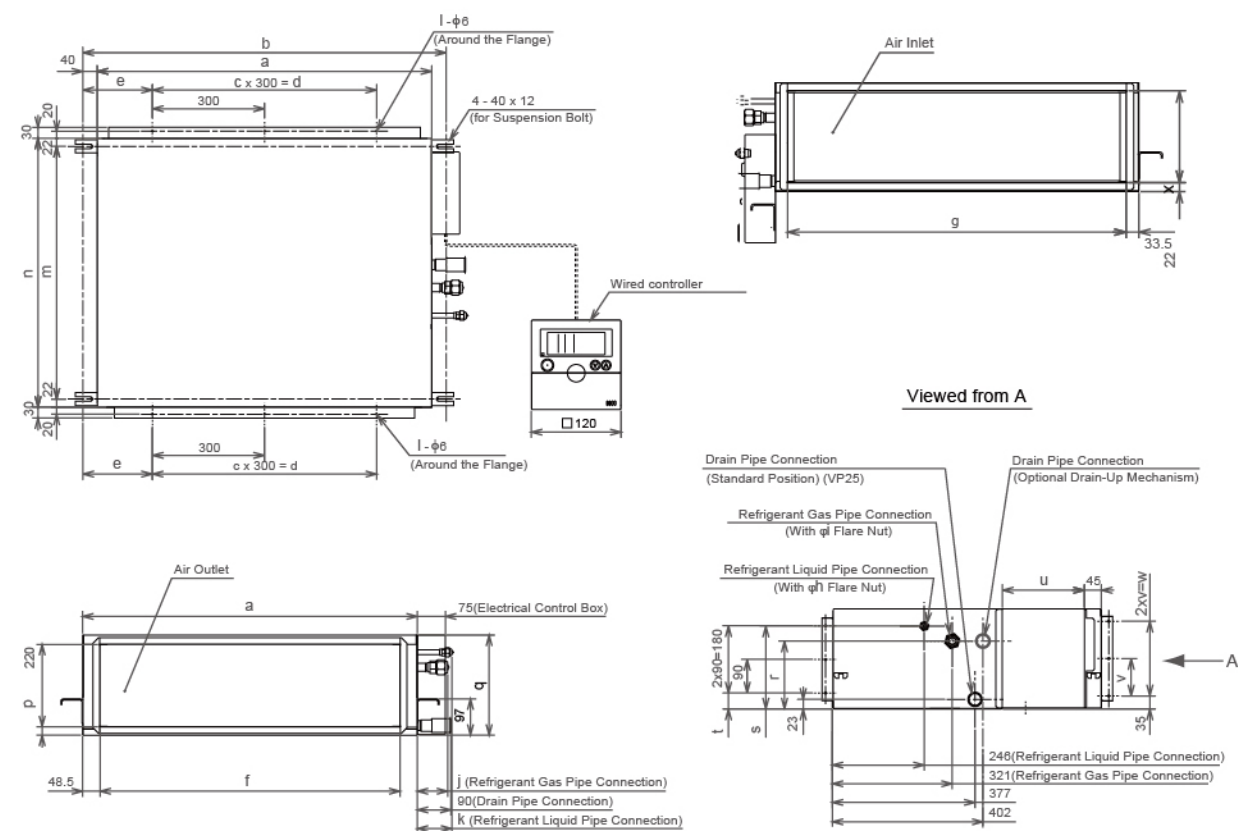
NOTES:
1.The nominal cooling capacity and heating capacity are based on following conditions:
Cooling Operation Conditions
Indoor Air Inlet Temperature: 27 °C DB(80°F DB), 19.0 °C WB(66.2°F WB)
Outdoor Air Inlet Temperature: 35 °C DB(95°F DB)
Piping Length: 7.5 Meters Piping Lift: 0 Meter
Heating Operation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

Models: AVD- 07~54* Model Unit: mm

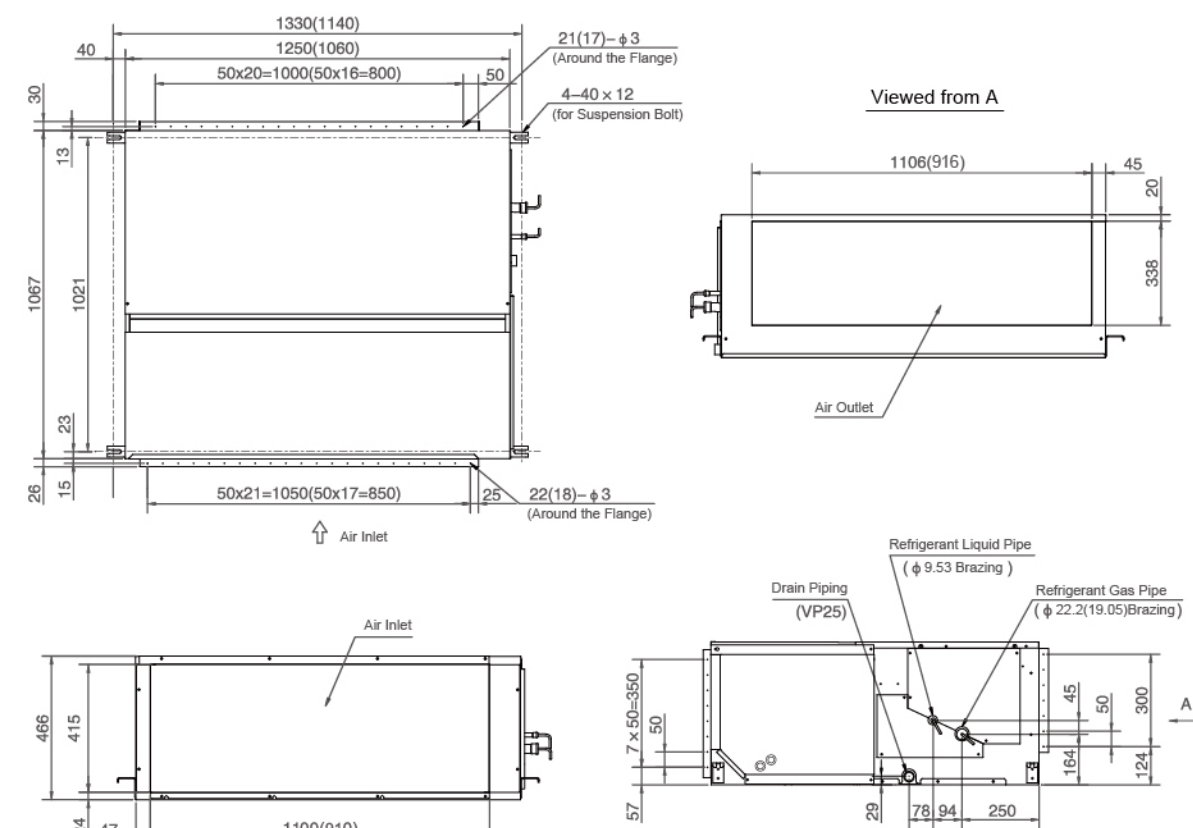


Dimension	a	b	c	d	e	f	g	h	i	j	k	l
Model												
07~14	650	730	1	300	215	553	583	6.35	12.7	70	92	10
17/18	900	980	2	600	190	803	833	6.35	15.88	77	92	12
22/24	900	980	2	600	190	803	833	9.53	15.88	77	95	12
27/30	900	980	2	600	190	803	833	9.53	15.88	78	95	12
38	900	980	2	600	190	803	833	9.53	15.88	81	95	12
48/54	1300	1380	3	900	240	1203	1233	9.53	15.88	81	95	14

Dimension	m	n	p	q	r	s	t	u	v	w	x
Model											
07~24	676	720	23	270	182	222	43	220	100	200	226
27~54	756	800	103	350	204	244	123	300	140	280	306

Indoor Unit

Models: AVD-76/96* Model Unit:mm



NOTES: Data in the bracket is for AVD-76* model