

# Indoor Unit

Hisense Hi-Flexi & Hi-Smart series provides a wide selection of indoor units for indoor decoration and creates a personalized living space.

## Indoor Units

Type	Model	HP	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	3.3	4.0	5.0	6.0	8	10
		kBtu/h	7	9	12	14	17	18	22	24	27	30	38	48	54	76	96
Ceiling Ducted (Low Static Pressure)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ceiling Ducted (High Static Pressure)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Low-Height Ceiling Ducted			•	•	•	•	•	•	•	•							
Slim Ceiling Ducted			•	•	•	•											
4-Way Cassette				•	•	•	•	•	•	•	•	•	•	•	•		
Compact 4-Way Cassette			•	•	•	•	•										
Wall Mounted				•	•	•	•	•	•								
Floor Concealed				•	•	•	•	•	•								

(Only For M/R Series)

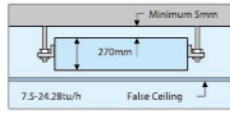


# Ceiling Ducted Type (Low Static Pressure)

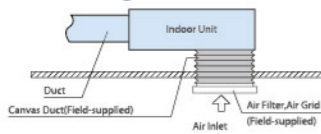


## Installation Space-saving

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



## Flexibly supports a wide range of installation conditions at site



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

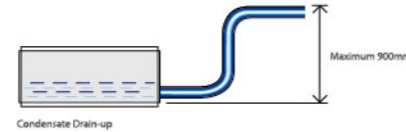
By introducing fresh outdoor air and being equipped with air filter to keep indoor air clean.

## Excellent Air Flow

Cooling/heating air is 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.

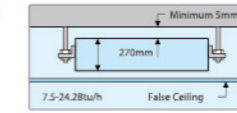


# Ceiling Ducted Type (High Static Pressure)

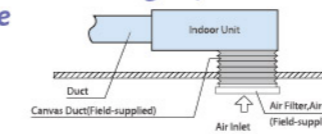


## Installation Space-saving

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



## Flexibly supports a wide range of installation conditions at site



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

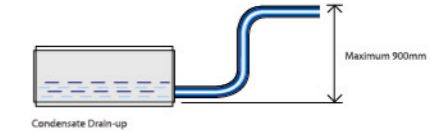
By introducing fresh outdoor air and being equipped with air filter to keep indoor air clean.

## Excellent Air Flow

Cooling/heating air is 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	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 <sup>1)</sup>	AVD-96 UX6SFL <sup>1)</sup>	
Power Supply	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 <sup>2)</sup>	AVD-96 UX7SFL <sup>2)</sup>	
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	
Sound Pressure Level (High/Medium/Low)	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 x W x D)	mm	270x(650+75) x720				270x(900+75) x720				350x(900+75)x800				350x(1300+75)x800		470x1060 x1120	470x1250 x1120
Net Weight	kg	25	25	25	25	34	34	34	34	44	44	44	56	56	94	106	
Refrigerant		R410A(Nitrogen-charged for Corrosion-resistance)															
Indoor Fan Air Flow Rate (High/Medium/Low)	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	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	
Connections Refrigerant Piping		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	
Approximate Packing Measurement	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:  
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.  
3. \*1: AC3Φ, 380~415V/50Hz; \*2: AC3Φ, 380V/60Hz

Indoor Unit		Ceiling Ducted Type (High Static Pressure)															
Model	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 <sup>1)</sup>	AVD-96 UX6SFEH <sup>1)</sup>	
Power Supply	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 <sup>2)</sup>	AVD-96 UX7SFEH <sup>2)</sup>	
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	
Sound Pressure Level (High/Medium/Low)	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 x W x D)	mm	270x(650+75) x720				270x(900+75) x720				350x(900+75) x800				350x(1300+75) x800		470x1060 x1120	470x1250 x1120
Net Weight	kg	25	25	25	25	34	34	34	34	44	44	44	56	56	94	106	
Refrigerant		R410A(Nitrogen-charged for Corrosion-resistance)															
Indoor Fan Air Flow Rate (High/Medium/Low)	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	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	150	190	300	300	300	430	430	1030	1280	
Connections Refrigerant Piping		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	
Approximate Packing Measurement	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:  
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.  
3. \*1: AC3Φ, 380V/50Hz; \*2: AC3Φ, 380V/60Hz

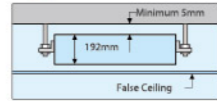


# Low-height Ceiling Ducted Type



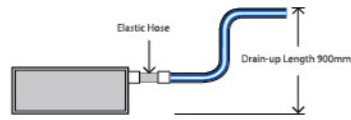
### Installation Space-saving

With a height of 192mm may be easily installed inside the low height residential ceiling.



### Drain-up Mechanism as Standard Part

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

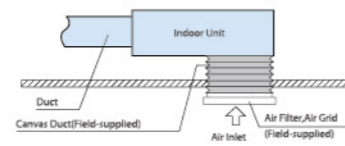


### Broad Range of External Static Pressure

10Pa(0r30pa), flexibly supports a wide range of installation conditions at site, e.g. longer ducts and shorter ducts supplied.

### 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.



(Installation Diagram of Air Bottom Inlet)

Indoor Unit		Low-height Ceiling Ducted Type							
Model	Power Supply	AVE-07 UXCSAL	AVE-09 UXCSAL	AVE-12 UXCSAL	AVE-14 UXCSAL	AVE-17 UXCSBL	AVE-18 UXCSBL	AVE-22 UXCSBL	AVE-24 UXCSBL
	AC1Φ 220V/50Hz	AVE-07 UX2SAL	AVE-09 UX2SAL	AVE-12 UX2SAL	AVE-14 UX2SAL	AVE-17 UX2SBL	AVE-18 UX2SBL	AVE-22 UX2SBL	AVE-24 UX2SBL
Nominal Cooling Capacity	kW	2.2	2.8	3.6	4.3	5.0	5.6	6.3	7.1
	kcal/h	1,900	2,400	3,100	3,700	4,300	4,800	5,400	6,100
	Btu/h	7,500	9,600	12,300	14,700	17,100	19,100	21,500	24,200
Nominal Heating Capacity	kW	2.8	3.3	4.2	4.9	5.6	6.5	7.5	8.5
	kcal/h	2,400	2,800	3,600	4,200	4,800	5,600	6,500	7,300
	Btu/h	9,600	11,300	14,300	16,700	19,100	22,200	25,600	29,000
Sound Pressure Level (High/Medium/Low)	dB(A)	27-24-21	27-24-21	32-30-27	32-30-27	34-30-28	34-30-28	36-32-29	36-32-29
Outer Dimensions (H x W x D)	mm	192×900×447	192×900×447	192×900×447	192×900×447	192×1170×447	192×1170×447	192×1170×447	192×1170×447
Net Weight	kg	20	20	21	21	26	26	26	26
Refrigerant		R410A(Nitrogen-charged for Corrosion-resistance)							
Indoor Fan Air Flow Rate (High/Medium/Low)	m <sup>3</sup> /h	500/440/350	500/440/350	640/590/520	640/590/520	870/750/630	870/750/630	950/820/170	950/820/170
Motor Power	W	50	50	70	70	100	100	110	110
Connections Refrigerant Piping		Flare-nut Connection(with Flare Nuts)							
Liquid Line	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
Gas Line	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.88	Φ15.88	Φ15.88	Φ15.88
Condensate Drain		VP25(Outer Diameter Φ32)							
External Static Pressure	Pa	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)	10(30)
Approximate Packing Measurement	m <sup>3</sup>	0.15	0.15	0.15	0.15	0.18	0.18	0.18	0.18

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)

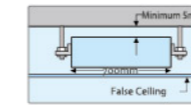
2. The sound pressure level is based on following conditions: 1.5m beneath the unit. With discharge duct (2.0m) and return duct(1.0m)  
The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.  
When bottom air inlet is adopted, sound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

# Slim Ceiling Ducted Type



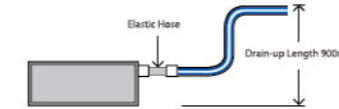
### Installation Space-saving

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



### Drain-up Mechanism as Standard Part

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

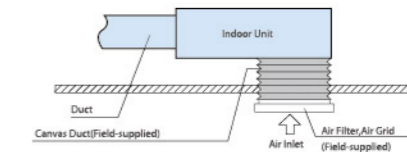


### Broad Range of External Static Pressure

10Pa(0r30pa), flexibly supports a wide range of installation conditions at site, e.g. longer ducts and shorter ducts supplied.

### 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.



(Installation Diagram of Air Bottom Inlet)

Indoor Unit		Slim Ceiling Ducted Type			
Model	Power Supply	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
Sound Pressure Level (High/Medium/Low)	dB(A)	27-23-21	27-23-21	31-29-27	31-29-27
Outer Dimensions (H x W x D)	mm	192×700×602	192×700×602	192×700×602	192×700×602
Net Weight	kg	21	21	21	21
Refrigerant		R410A(Nitrogen-charged for Corrosion-resistance)			
Indoor Fan Air Flow Rate (High/Medium/Low)	m <sup>3</sup> /h	450/380/335	450/380/335	590/510/470	590/510/470
Motor Power	W	50	50	60	60
Connections Refrigerant Piping		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)
Approximate Packing Measurement	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.  
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.