Hisense



LIGHT COMMERCIAL UNDERCEILING

Non Inverter Range

The Hisense under ceiling non-inverter range delivers powerful, wide-angle airflow, making it ideal for large commercial spaces like restaurants, offices and retail stores.

Its fixed-speed compressor technology offers dependable cooling performance with a simpler system design that is easy to operate and maintain. Designed for flexible installation, the under ceiling units save wall space while blending neatly into modern interiors. The range is built for durability and stable operation, even in demanding environments with long operating hours.

Underceiling Fixed Speed

		AUV-18HR4RE2	AUV-24HR4RE2	AUV-36HR4RE2	AUV-48HR4RF2	AUV-60HR4RF2
ELECTRIC PARAMETER						
Power Supply (Indoor)	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power Supply (Outdoor)	V-ph-Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Input Consumption (Max)	W	2500	3200	4350	7500	7500
Input Current (Max)	A	11,0	17,0	8,2	14.5	14.5
COOLING						
Capacity	Btu/h (Nominal)	17060	24908	37534	48000	55000
	W (Nominal)	5000	7300	11000	14070	16120
Input	W (Nominal)	1515	2260	3427	4329	5167
Current	A (Nominal)	6,6	10,0	6,4	8,5	10,0
ERR	W/W (Nominal)	3,30	3,23	3,21	3,25	3,12
HEATING						
Capacity	Btu/h (Nominal)	18766	27296	39240	54594	61419
	W (Nominal)	5500	8000	11500	16000	18000
Input	W (Nominal)	1486	2050	3100	4156	4986
Current	A (Nominal)	6,5	9,2	6,0	8,1	9,5
COP	W/W (Nominal)	3,70	3,90	3,71	3,85	3,61
INDOOR UNIT						
Dimension (WxHxD)	mm	1320x230x680	1320x230x680	1320x230x680	1650x230x680	1650x230x680
Packing (WxHxD)	mm	1400x335x780	1400x335x780	1400x335x780	1720x330x778	1720x330x778
Weight (Net/Gross)	kg	34/40	34.5/40.5	36.5/42.5	43.5/50.5	43.5/50.5
Air volume (Hi/Med/Lo)	m3/h	850/750/650	1240/1120/1000	1700/1400/1050	2200/2050/1950	2200/2050/1950
	CFM	500/441/382	730/659/589	1000/830/630	1294/1205/1146	1294/1205/1146
Sound Level (SPL) Hi/Med/Lo	dB (A)	36/34/33	43/41/39	54/47/44	53/48/44	55/48/44
Controller	Type	Wireless	Wireless	Wireless	Wireless	Wireless
	Model	RSY-5-0 L1-12(E) R2-01(E) RCH-RVD01	RSY-5-0 L1-12(E) R2-01(E) RCH-RVD01	RSY-5-0 L1-12(E) R2-01(E) RCH-RVD01	RSY-5-0 L1-12(E) R2-01(E) RCH-RVD01	RSY-5-0 L1-12(E) R2-01(E) RCH-RVD01
Drainage Water Pipe Diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Drain Pump	-	-	-	-	-	-
Air Filter	-	Standard	Standard	Standard	Standard	Standard
Design Pressure (H/L)	MPa	4.3/1.2	4.3/1.6	4.5/1.5	4.28/1.6	4.28/1.6
ROOM TEMPERATURE						
Setting Temperature Range	Cooling (C°)	16~30	16~30	16~30	16~30	16~30
	Heating (C°)	16~30	16~30	16~30	16~30	16~30
IDU						
IDU IP Protection Class	-	IPX0	IPX0	IPX0	IPX0	IPX0
IDU Electric Shock Protection (I/II)	-	CLASS I	CLASS I	CLASS I	CLASS I	CLASS I
IDU Fan Motor Type (AC/DC)	-	DC	DC	DC	DC	DC

		AUW-60H6RN2	AUW-24H4RF2	AUW-36H6RK2	AUW-48H6RQ2	AUW-60H6RN2
OUTDOOR UNIT						
Dimension (WxHxD)	mm	810x580x280	860x655x310	900x750x340	975x835x360	900x1170x320
Packaging (WxHxD)	mm	940x640x420	1000x720x420	1040x830x460	1045x960x460	970x1300x430
ODU Mounting Dimensions (LxW btwn hole)	mm	510*310	557*308	608*368	585*365	570*428
Weight (Net Gross)	kg	39/42	50/54	63/67	74.5/83.5	85/93
Air Volume (Hi)	m3/h	2300	3400	3800	5300	5500
Sound Level (SPL) Hi	dB(A)	54	56	57	58	58
Refridgerant	Type (-)	R32	R32	R32	R32	R32
	Amount (kg)	0,80	1,35	1,75	2,00	2,90
	GWP (-)	675	675	675	675	675
Design Pressure	H/L ()MPa	4.3/1.2	4.3/1.6	4.5/1.5	4.28/1.6	4.28/1.6
REFRIGERANT PIPING						
Liquid/Gas	mm (inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4'/1/2')	φ9.52/φ15.88(3/8",5/8")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ19.05(3/8"/3/4")
Pipe Length (Max. equivelant Full Range)	m	25	35	40	60	60
Height Difference (m)	Max. (OD lower)	15	15	20	30	30
	Max. (OD higher)	15	15	20	30	30
Min Pipe Length	m	3	3	3	3	3
Standard Pipe Length	m	5	5	5	5	5
Additional Refrigerant Charge	g/m	15	20	57	60	40
OPERATING RANGE (OUTDOOR)						
Cooling	C°	-15~43	-15~43	-15~43	-15~43	-15~43
Heating	C°	-15~24	-10~24	-10~24	-10~24	-10~24
ODU						
ODU IP Protection Class	-	IPX4	IPX4	IPX4	IPX4	IPX4
ODU Electric Shock Protection (I/II)	-	CLASS I	CLASS I	CLASS I	CLASS I	CLASS I

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