Hisense



LIGHT COMMERCIAL UNDERCEILING

Inverter Range

The Hisense under ceiling inverter range uses advanced inverter technology to deliver faster cooling with improved energy efficiency and lower running cost.

The inverter system operates more quietly, making it ideal for offices, boardrooms and hospitality environments. Combining energy savings, reliable performance and modern climate control features, Hisense inverter under ceiling units deliver a premium and cost-effective HVAC solution.

Underceiling Inverters

		AVT-21UR4RB8	AVT-24UR4RB8	AUV-36UR4RC8	AUV-48UR4RC8	AUV-60UR4RC8
ELECTRIC PARAMETER						
Power Supply (Indoor)	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	220-240/1/50&60	220-240/1/50&60	220-240/1/50
Power Supply (Outdoor)	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	380-415/3/50&60	380-415/3/50&60	220-240/1/50
Input Consumption (Max)	W	3600	3600	5000	6500	7500
Input Current (Max)	A	16,0	16,0	9,5	12,5	14,0
COOLING						
Capacity	Btu/h (Nominal)	21154	23884	32414	46062	54592
	W (Nominal)	6200	7000	9500	13500	16000
	W (Min - Max)	2000~8000	2000~8500	2700~12000	4400~15400	5000~18000
Input	W (Nominal)	1820	2160	2600	4200	6040
Current	A (Nominal)	7,9	9,4	4,3	8,5	10.7
ERR	W/W (Nominal)	3,41	3,24	3,65	3,21	2,65
HEATING						
Capacity	Btu/h (Nominal)	24908	27296	37532	54592	59710
	W (Nominal)	7300	8000	11000	16000	17500
	W (Min - Max)	2000~9000	2000~9500	2700~13000	3800~17000	5000~21000
Input	W (Nominal)	1920	2150	2950	4850	5300
Current	A (Nominal)	8,3	9,3	4,9	10,0	9,7
COP	W/W (Nominal)	3,80	3,72	3,73	3,30	3,30
INDOOR UNIT						
Dimension (WxHxD)	mm	1285x680x230	1285x680x230	1580x680x230	1580x680x230	1580x680x230
Packing (WxHxD)	mm	1400x820x350	1400x820x350	1690x820x350	1690x820x350	1690x820x350
Weight (Net/Gross)	kg	37/44	37/44	46/54	46/54	46/54
Air volume (Hi/Med/Lo)	m3/h	1400/1200/1000	1400/1200/1000	1700/1500/1300	2200/1900/1600	2300/2000/1700
	CFM	824/705/590	824/705/590	1000/883/765	1294/1117/941	1353/1176/1000
Sound Level (SPL) Hi/Med/Lo	dB (A)	50/46/42	50/46/42	56/51/48	56/51/48	57/52/49
Sound Level (PWL) Hi	dB (A)	62	62	65	71	72
Controller	Type	Wireless	Wireless	Wireless	Wireless	Wireless
	Model	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 RSY-5-0 L1-12(E) R2-01(E)
Moisture Removal	L/H.r	2,5	3,0	4,0	4,5	6
Drainage Water Pipe Diameter	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Drain Pump	-	-	-	-	-	-
Air Filter	-	Standard	Standard	Standard	Standard	Standard
Design Pressure (H/L)	MPa	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6
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

		AUW-21U4RJ7	AUW-24U4RJ7	AUW-36U6RW8	AUW-48U6RW8	AUW-60U6RW8
OUTDOOR UNIT						
Dimension (WxHxD)	mm	860x670x310	86x670x310	1100x875x450	1100x875x450	1100x875x450
Packaging (WxHxD)	mm	990x730x450	990x730x450	1165x1005x540	1165x1005x540	1165x1005x540
Weight (Net Gross)	kg	44.5/48.5	44.5/48.5	84/95	94/105	94/105
Air Volume (Hi)	m3/h	3150	3150	5700	6000	6500
Sound Level (SPL) Hi	dB(A)	57	57	57	60	62
Sound Level (PWL) Hi	dB(A)	68	68	69	74	75
Sound Level (PWL) Level	-	D	D	D	-	-
Refridgerant	Type (-)	R32	R32	R32	R32	R32
	Amount (kg)	1,50	1,50	2.65	3,20	3,40
	GWP (-)	675	675	675	675	675
Design Pressure	H/L ()MPa	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6	4.3/1.6
REFRIGERANT PIPING						
Liquid/Gas	mm (inch)	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ15.88(3/8"/5/8")	Φ9.52/Φ15.88(3/8"/5/8")
Pipe Length (Max. equivalent T1 Climate)	m	60	60	75	75	85
Pipe Length (Max. equivelant Full Range)	m	45	45	50	60	75
Height Difference (m)	Max. (OD lower)	30	30	30	30	30
	Max. (OD higher)	30	30	30	30	30
Add Refrigerant Ammount	g/m	35	35	35	35	35
Pipe Length for Additional Refrigerant	m	5	5	7.5	7.5	7.5
OPERATING RANGE (OUTDOOR)						
Cooling	C°	-15~48	-15~48	-15~52	-15~52	-15~52
Heating	C°	-15~24	-15~24	-20~24	-20~24	-20~24

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