



Hisense

LIGHT COMMERCIAL CASSETTE

Inverter Range

Advanced inverter technology delivers efficient, reliable climate control for modern commercial spaces, providing consistent comfort, quiet operation and reduced energy consumption.

Inverter economy combined with Hisense cost-competitiveness makes this range ideal choice for projects that demand high energy-efficiency. Hisense can offer indoor models, including 600x600 compact cassette and 900x900 round flow cassette.

Cassette 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&60
Power Supply (Outdoor)	V-ph-Hz	220-240/1/50&60	220-240/1/50&60	220-240/1/50&60	380-415/3/50&60	380-415/3/50&60
Input Consumption (Max)	W	2200	3600	4800	7300	7800
Input Current (Max)	A	13,5	16,0	21,0	13,0	13,8
COOLING						
Capacity	Btu/h (Nominal)	17060	23884	34120	46062	52886
	W (Nominal)	5000	7000	10000	13500	15500
	W (Min – Max)	1500~6000	2000~8200	2700~11800	4200~15000	4800~16200
Input	W (Nominal)	1351	2320	3690	5652	6460
Current	A (Nominal)	5,9	10,1	16,0	9,5	10,9
ERR	W/W (Nominal)	3,70	3,02	2,71	2,39	2,40
HEATING						
Capacity	Btu/h (Nominal)	18766	27296	37532	52886	52886
	W (Nominal)	5500	8000	11000	15500	15500
	W (Min – Max)	1500~6500	2000~9200	2700~12500	3600~16400	3600~17200
Input	W (Nominal)	1310	2285	3025	5030	4920
Current	A (Nominal)	5,7	9,9	13,2	8,5	8,3
COP	W/W (Nominal)	4,20	3,50	3,64	3,08	3,15
INDOOR UNIT						
Dimension (WxHxD)	mm	840x236x840	840x236x840	840x272x840	840x272x840	840x272x840
Packing (WxHxD)	mm	950x320x950	950x950x320	950x360x950	950x360x950	950x360x950
Weight (Net/Gross)	kg	23/28	23.0/28.0	26/32	26/32	26/32
Air volume (Hi/Med/Lo)	m3/h	1080/930/780	1200/1000/840	1650/1400/1150	1900/1650/1450	2100/1900/1700
	CFM	643/554/465	714/595/500	970/823/676	1117/970/852	1236/1118/1001
Sound Level (SPL) Hi/Med/Lo	dB (A)	40/38/37	43/40/37	50/46/42	52/49/46	56/54/52
Sound Level (PWL) HI	dB (A)	52	54	62	64	65
Controller	Type	Wireless	Wireless	Wireless	Wireless	Wireless
	Model	RSY-5-0 LI-12(E) R2-01(E) RCH-RVD01	R2-01(E) (Standard) RSY-5-0 (Optional) LI-12(E) (Optional) RCH-RVD01 (Optional) YXE-E01U(E) (Optional) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional)	R2-01(E) (Standard) RSY-5-0 (Optional) LI-12(E) (Optional) RCH-RVD01 (Optional) YXE-E01U(E) (Optional) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional)	R2-01(E) (Standard) RSY-5-0 (Optional) LI-12(E) (Optional) RCH-RVD01 (Optional) YXE-E01U(E) (Optional) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional)	R2-01(E) (Standard) RSY-5-0 (Optional) LI-12(E) (Optional) RCH-RVD01 (Optional) YXE-E01U(E) (Optional) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional)
Drainage Water Pipe Diameter	mm	2,0	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Drain Pump	-	ODΦ32	Standard	Standard	Standard	Standard
Air Filter	-	Standard	Standard	Standard	Standard	Standard
Design Pressure (H/L)	MPa	4.3/1.6	4.15/1.60	4.15/1.60	4.15/1.6	4.15/1.6
PANEL						
Dimension (WxHxD)	mm	950x50x950	950x50x950	950x50x950	950x50x950	950x50x950
Packing (WxHxD)	mm	1020x105x1000	1020x105x1000	1020x1000x105	1020x1000x105	1020x1000x105
Weight (Net/Gross)	kg	6.5/9	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
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	810x580x280	860x670x310	900x750x340	900x1170x320	900x1170x320
Packaging (WxHxD)	mm	940x640x420	990x450x730	1040x830x460	970x1300x430	970x1300x430
Weight (Net Gross)	kg	36/40	47.5/51.0	58/61	83/92	86.5/95
Air Volume (Hi)	m3/h	2300	3150	3800	5500	5500
Sound Level (SPL) HI	dB(A)	52	53	56	58	59
Sound Level (PWL) HI	dB(A)	63	65	70	71	72
Refridgerant	Type (-)	R32	R410A	R410A	R410A	R410A
	Amount (kg)	1,05	1,70	2,40	3,80	4,00
	GWP (-)	675	2088	2088	2088	2088
Design Pressure	H/L (MPa)	4.3/1.6	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6
REFRIGERANT PIPING						
Liquid/Gas	mm (Inch)	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')	Φ9.52/Φ19.05(3/8"/3/4')
Pipe Length (Max. equivalent TI Climate)	m	50	50	50	50	50
Pipe Length (Max. equivelant Full Range)	m	40	30	30	50	50
Height Difference (m)	Max. (OD lower)	30	30	30	30	30
	Max. (OD higher)	30	30	30	30	30
Add Refrigerant Ammount	g/m	15	35	35	35	35
Pipe Length for Additional Refrigerant	m	5	5	5	5	5
OPERATING RANGE (OUTDOOR)						
Cooling	C°	-15~48	-15~48	-15~48	-15~48	-15~48
Heating	C°	-15~24	-10~24	-10~24	-10~24	-10~24