Hisense



LIGHT COMMERCIAL DUCTED

Inverter Range

Designed for modern hospitality environments, the Hisense ducted inverter system delivers quiet, energy-efficient climate control while remaining discreetly hidden from view.

The Hisense light commercial hideaway can easily be fitted into areas where ceiling space is restricted. It is possible to adjust ESP setting via wired controller, And the precision of 1Pa can give the most accurate ESP setting in it's class

Duct Inverters

		AUD-18UX4SCL5	AUD-24UX4SLL5	AUD-36UX4SEH5	AUD-48UX4SEH5	AUD-60UX4SEH5
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	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)	1500~5800	2000~8500	2700~11800	4200~15000	4800~16200
Input	W (Nominal)	1535	2215	3250	5400	6330
Current	A (Nominal)	6,7	9,4	14,1	9,5	10.7
ERR	W/W (Nominal)	3,26	3,16	3,08	2,50	2,45
HEATING						
Capacity	Btu/h (Nominal)	18766	27296	37532	52886	52886
	W (Nominal)	5500	8000	11000	15500	15500
	W (Min - Max)	1500~6300	2000~9200	2700~12500	3600~16400	4000~17500
Input	W (Nominal)	1575	2300	2800	5000	4850
Current	A (Nominal)	6,9	10,0	12,2	8,8	8,2
COP	W/W (Nominal)	3,49	3,48	3,93	3,10	3,20
INDOOR UNIT						
Dimension (WxHxD)	mm	1180x190x447	900x270x720	1400x300x800	1400x300x800	1400x300x800
Packing (WxHxD)	mm	1350x565x285	1170x870x340	1580x380x920	1580x380x920	1580x380x920
Weight (Net/Gross)	kg	24.5/29.5	31.0/36.0	51/57	51/57	51/57
Air volume (Hi/Med/Lo)	m3/h	900/840/780	1100/950/850	2000/1700/1400	2100/2000/1800	2400/2300/2200
	CFM	529/494/459	647/559/500	1176/1059/941	1235/1176/1058	1412/1353/1294
Sound Level (SPL) Hi/Med/Lo	dB (A)	41/37/33	42/38/34	50/47/44	53/49/45	52/49/46
Sound Level (PWL) Hi	dB (A)	57	58	62	71	72
Controller	Type	Wired	Wired	Wired	Wired	Wired
	Model	YXE-E01U(E) (Standard) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional) R2-01(E) (Optional) RSY-5-0 (Optional) L1-12(E) (Optional) RCH-RVD01 (Optional)	YXE-E01U(E) (Standard) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional) R2-01(E) (Optional) RSY-5-0 (Optional) L1-12(E) (Optional) RCH-RVD01 (Optional)	YXE-E01U(E) (Standard) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional) R2-01(E) (Optional) RSY-5-0 (Optional) L1-12(E) (Optional) RCH-RVD01 (Optional)	YXE-E01U(E) (Standard) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional) R2-01(E) (Optional) RSY-5-0 (Optional) L1-12(E) (Optional) RCH-RVD01 (Optional)	YXE-E01U(E) (Standard) YXE-E02U(E) (Optional) YXE-C01U1(E) (Optional) R2-01(E) (Optional) RSY-5-0 (Optional) L1-12(E) (Optional) RCH-RVD01 (Optional)
Drainage Water Pipe Diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Drain Pump	-	Standard	Standard	Standard	Standard	Standard
Air Filter	-	Standard	Standard	Standard	Standard	Standard
Design Pressure (H/L)	MPa	4.15/1.60	4.15/1.60	4.15/1.6	4.15/1.6	4.15/1.6
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-18U4SS5	AUW-24U4SJ5	AUW-36U4SK5	AUW-48U6SN5	AUW-60U6SN5
OUTDOOR UNIT						
Dimension (WxHxD)	mm	810x580x280	860x670x310	900x750x340	900x1170x320	900x1170x320
Packaging (WxHxD)	mm	940x420x640	990x450x730	1040x830x460	970x1300x430	970x1300x430
Weight (Net Gross)	kg	36.0/40.0	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	57	58	59
Sound Level (PWL) Hi	dB(A)	63	65	70	71	72
Refridgerant	Type (-)	R410A	R410A	R410A	R410A	R410A
	Amount (kg)	1,50	1,70	2,40	3,80	4,00
	GWP (-)	2088	2088	2088	2088	2088
Throttle Type	-	EEV	EEV	EEV	EEV	EEV
Booster Heater	-	Standard	Standard	Standard	—	—
Design Pressure	H/L ()MPa	4.15/1.60	4.15/1.60	4.15/1.60	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 T1 Climate)	m	30	50	50	50	50
Pipe Length (Max. equivelant Full Range)	m	30	30	45	50	50
Height Difference (m)	Max. (OD lower)	20	30	30	30	30
	Max. (OD higher)	20	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°	-10~24	-10~24	-10~24	-10~24	-10~24

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