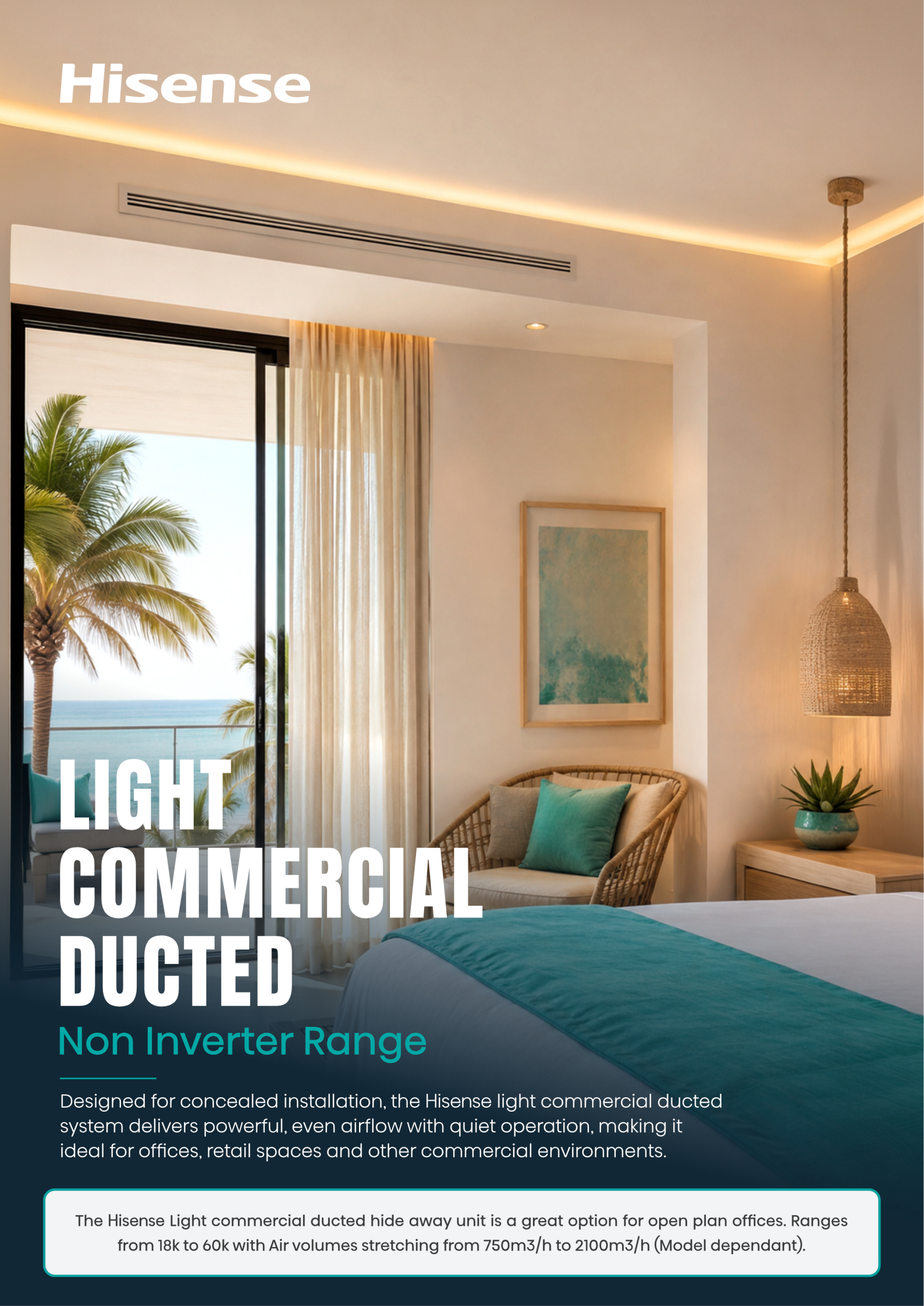
Hisense



LIGHT COMMERCIAL DUCTED

Non Inverter Range

Designed for concealed installation, the Hisense light commercial ducted system delivers powerful, even airflow with quiet operation, making it ideal for offices, retail spaces and other commercial environments.

The Hisense Light commercial ducted hide away unit is a great option for open plan offices. Ranges from 18k to 60k with Air volumes stretching from 750m3/h to 2100m3/h (Model dependant).

Ducted Fixed Speed

		AUD-18HX4RV2	AUD-24HX4RGM2	AUD-36HX4RFM2	AUD-48HX4REM2	AUD-60HX4REM2
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	2480	3200	4350	6200	7500
Input Current (Max)	A	11,1	17,0	8,2	12,5	14.5
COOLING						
Capacity	Btu/h (Nominal)	17742	24908	37534	48000	55000
	W (Nominal)	5200	7300	11000	14070	16120
Input	W (Nominal)	1550	2260	3427	4329	5285
Current	A (Nominal)	6,9	10,0	6,4	8,5	10,0
ERR	W/W (Nominal)	3,35	3,23	3,21	3,25	3,05
HEATING						
Capacity	Btu/h (Nominal)	19790	27296	39240	52888	59712
	W (Nominal)	5800	8000	11500	15500	17500
Input	W (Nominal)	1450	2160	3186	4026	4972
Current	A (Nominal)	6,5	9,5	6,0	7,9	9,7
COP	W/W (Nominal)	4,00	3,70	3,61	3,85	3,52
INDOOR UNIT						
Dimension (WxHxD)	mm	910x190x447	800x245x700	1100x245x700	1400x300x800	1400x300x800
Packing (WxHxD)	mm	1095x240x545	980x315x810	1295x315x830	1580x380x920	1580x380x920
Weight (Net/Gross)	kg	16.5/19	26.5/31	33.5/38.5	48.5/55.5	48.5/55.5
Air volume (Hi/Med/Lo)	m3/h	750/660/580	1150/1030/900	1750/1400/1050	2100/2000/1900	2100/2000/1900
	CFM	441/388/341	677/606/530	1030/830/630	1234/1176/1118	1234/1176/1118
Sound Level (SPL) Hi/Med/Lo	dB (A)	37/34/32	40/37/35	45/40/38	46/43/39	46/43/39
Controller	Type	Wired	Wired	Wired	Wired	Wired
	Model	YXE-C01U2(E) YXE-E02U(E) YXE-E01U(E)	YXE-C01U2(E) YXE-E02U(E) YXE-E01U(E)	YXE-C01U2(E) YXE-E02U(E) YXE-E01U(E)	YXE-C01U2(E) YXE-E02U(E) YXE-E01U(E)	YXE-C01U2(E) YXE-E02U(E) YXE-E01U(E)
Drainage Water Pipe Diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Drain Pump	-	Standard	Standard	Standard	Standard	Standard
Drain Pump Max Drainage Lift	mm	1200	1200	1200	1200	1200
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-18H4RS2	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

Hisense