

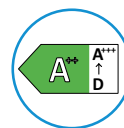
NEXYA COMMERCIAL CASSETTE [OS5+IS5]

False ceiling-mounted inverter mono-split air conditioners ducted for large rooms



HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, to reach the energy class A++.



DECORATIVE PANEL

Equipped with a digital display, it has vents for the ejection of air even at the corners. For greater climate comfort.



COMPACT DESIGN

Reduced dimensions up to 650x650, in the compact version.



INDEPENDENT BLADE CONTROL

Independent flap control for greater climate comfort, in sizes from 24 up to 48.



FEATURES

Two models

Compact cassettes (with slimline width and length dimensions of only 647x647 mm) and cassettes (with width and length dimensions of more than 600x600 mm and slimline height from 205 mm).

Fresh air inlet

The internal units of the commercial line are fitted with specific air inlets to introduce fresh or outdoor air into the product.

Condensation lift pump

The internal units are fitted with a condensation pump.

Remote ON-OFF

All units in the commercial line are fitted with terminals to control the remote switching on and off of the unit via an external device.

Contact alarm

The units in the commercial line have a contact that allows the alarm status of the product to be synchronised with an external device.

Hydrophilic Aluminium coating

Suitable for installation in coastal or particularly humid areas, thanks to its excellent anti-corrosion properties. With equivalent environmental conditions, the new coating of the condensers guarantees them a longevity exceeding 7 times that of the traditional models.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Auto, Co, Sleep, Silent and Turbo functions**
- **24h timer:** for scheduling switch on and off.
- **Follow Me function:** precise temperature detection at the remote control location.
- **Gear function:** 3 power options (50-75-100%) to optimise energy consumption.
- **Anti dust filter:** to capture dust and pollen.
- **Self-Clean function:** automatically cleans and dries the evaporator eliminating dust, mould and grease to ensure clean air in the room.

				Nexya E Cassette Compact 18 [OS5+IS5]	Nexya E Cassette 24 [OS5+IS5]
INDOOR UNIT CODE				OS-K/SANCH18EI	OS-K/SANCH24EI
INDOOR UNIT EAN CODE				8021183119336	8021183119343
OUTDOOR UNIT CODE				OS-CANCH18EI	OS-CANCH24EI
OUTDOOR UNIT EAN CODE				8021183119053	8021183119060
Output power in cooling mode (min/rated/max)			kW	2,9/5,28/5,59	3,3/6,155/7,91
Output power in heating mode (min/rated/max)			kW	2,37/5,18/6,10	2,81/7,62/8,94
Absorbed power in cooling mode (min/rated/max)			kW	0,72/1,633/2,088	0,78/1,876/2,748
Absorbed power in heating mode (min/rated/max)			kW	0,7/1,38/1,93	0,61/1,9/2,7
Current consumption in cooling mode (min/rated/max)			A	3,2/7,2/9,2	4,2/10,2/12
Current consumption in heating mode (min/rated/max)			A	3,1/6,8/8,5	3,6/8,5/12,1
EER				3,23	3,28
COP				3,75	4,01
Maximum power consumption in cooling mode			kW	2,95	3,7
Maximum power consumption in heating mode			kW	2,95	3,7
Energy efficiency class in cooling				A++	A++
Energy efficiency class in heating mode - Average season				A+	A+
Energy efficiency class in heating mode - Warmer season				A++	A+++
Energy efficiency class in heating mode - Cold season				/	/
Energy consumption in cooling mode			kWh/year	294	395
Annual energy consumption in heating mode - Average season			kWh/year	1470	2100
Annual energy consumption in heating mode - Warmer season			kWh/year	1575	1729
Annual energy consumption in heating mode - Cold season			kWh/year	/	/
Dehumidification capacity			l/h	2,29	2,37
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,3	7
	Heating / Average	Pdesignh	kW	4,2	6
	Heating / Warmer	Pdesignh	kW	5,4	6,3
	Heating / Colder	Pdesignh	kW	/	/
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,2
	Heating / Average	SCOP (A)		4	4
	Heating / Warmer	SCOP (W)		4,8	5,1
	Heating / Colder	SCOP (C)		/	/
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	 57	 57
	Sound pressure (max/med/min/silence)		dB(A)	43/39/35/-	45/42/39/-
	Air flow rate in cooling mode (max/med/min)		m³/h	720-620-500	1300-1140-1000
	Air flow rate in heating mode (max/med/min)		m³/h	720-620-500	1300-1140-1000
	Degree of protection			/	/
	Dimensions (WxHxD) (without packaging)		mm	570x260x570	830x260x830
	Weight (without packaging)		kg	16	21,6
	Dimensions (WxHxD) (with packaging)		mm	662x317x662	910x250x910
	Weight (with packaging)		kg	20,6	25,4
	Sound power (EN 12102)	LWA	dB(A)	 63	 67
OUTDOOR UNIT	Sound pressure		dB(A)	59	60
	Air flow rate (max)		m³/h	2100	3500
	Degree of protection			/	/
	Dimensions (WxHxD) (without packaging)		mm	805x554x330	890x673x342
	Weight (without packaging)		kg	32,5	43,9
	Dimensions (WxHxD) (with packaging)		mm	915x615x370	995x740x398
	Weight (with packaging)		kg	35,2	46,9
	Dimensions (WxHxD) (without packaging)		mm	647x50x647	950x55x950
	Weight (without packaging)		kg	2,5	6,0
	Dimensions (WxHxD) (with packaging)		mm	715x123x715	1035x90x1035
DECORATIVE PANEL	Weight (with packaging)		kg	4,5	9,0
	Connecting liquid pipeline diameter	inch - mm		1/4" - 6,35	3/8" - 9,52
	Connecting gas pipeline diameter	inch - mm		1/2" - 12,7	5/8" - 15,9
	Maximum piping length	m		30	50
COOLING CIRCUIT	Maximum height difference	m		20	25
	Covered piping length from pre-load	m		5	5
	Piping recommended minimum length	m		3	3
	Refrigerant increase (over 5 m of pipes)	g/m		12	24
	Maximum operating pressure	MPa		4,3-1,7	4,3-1,7
	Refrigerant gas*	Type	Type	R32	R32
	Global warming potential	GWP		675	675
	Refrigerant gas charge	kg		1,15	1,5
ELECTRICAL CONNECTIONS	Supply voltage indoor unit	V/F/Hz		One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50
	Supply voltage outdoor unit	V/F/Hz		One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50
	Outdoor unit power supply connection	Pipes		3 x 2,5 mm2	3 x 2,5 mm2
	Indoor - Outdoor unit connection	Pipes		4 x 1,5 mm2	4 x 1,5 mm2
	Max Current	A		13,5	19
LIMITS OF OPERATING CONDITIONS					
Indoor ambient temperature	Maximum temperature in cooling			DB 32°C	
	Minimum temperature in cooling			DB 16°C	
	Maximum temperature in heating			DB 30°C	
	Minimum temperature in heating			DB 0°C	
Outdoor ambient temperature	Maximum temperature in cooling			DB 50°C	
	Minimum temperature in cooling			-	
	Maximum temperature in heating			DB 24°C	
	Minimum temperature in heating			DB -15°C	

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Dehumidification values refer to DB 27°C WB 19°C conditions.

The sound pressure values are at the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.4 metres below the internal unit.

The sound pressure values of the outdoor units are at the following conditions: in a semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1 metre (outdoor unit).

*Non-hermetically sealed equipment containing fluorinated gases with GWP equivalent of 675.

Energy efficiency classes refer to a range between A+++ and D.