

NEXYA COMMERCIAL CASSETTE

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 600x600, 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 600x600 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.

Condensate 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.
- **Short cut function:** to automatically return to the previous settings.
- **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 S5 E Cassette Compact 18	Nexya S5 E Cassette 24	Nexya S5 E Cassette 36	Nexya S5 E Cassette 36T	Nexya S5 E Cassette 48T		
INDOOR UNIT CODE		OS-K/SANCH18E1	OS-K/SANCH24E1	OS-K/SANCH36E1	OS-K/SANCH36E1	OS-K/SANCH48E1		
INDOOR UNIT EAN CODE		8021183119336	8021183119343	8021183119350	8021183119350	8021183119367		
OUTDOOR UNIT CODE		OS-CANCH18E1	OS-CANCH24E1	OS-CANCH36E1	OS-CANCH36E1	OS-CANCH48E1		
OUTDOOR UNIT EAN CODE		8021183119053	8021183119060	8021183119077	8021183119084	8021183119091		
Output power in cooling mode (min/rated/max)		kW	2,9/5,28/5,59	3,3/6,155/7,91	2,7/9,952/11,43	2,7/10,01/11,43	3,52-14,07-15,83	
Output power in heating mode (min/rated/max)		kW	2,37/5,18/6,10	2,81/7,62/8,94	2,78/11,137/12,3	2,78/11,137/12,66	4,1-16,12-17,29	
Absorbed power in cooling mode (min/rated/max)		kW	0,72/1,633/2,088	0,78/1,876/2,748	0,9/2,989/4,2	0,89/3,044/4,15	0,8-4,65-5,9	
Absorbed power in heating mode (min/rated/max)		kW	0,7/1,38/1,93	0,6/1,1/2,2	0,8/3/3,95	0,78/3/4	0,9-4,58-5,5	
Current consumption in cooling mode (min/rated/max)		A	3,2/7,2/9,2	4,2/10,2/12	4,2/17,5/18,5	1,4/6,5/6,5	1,8-8,1-10,2	
Current consumption in heating mode (min/rated/max)		A	3,1/6,8/8,5	3,6/8,5/12,1	3,5/13,5/17,5	1,3/5/6,4	1,9-8-9,5	
EER			3,23	3,28	3,33	3,29	3,03	
COP			3,75	4,01	3,71	3,71	3,52	
Maximum power consumption in cooling mode		kW	2,95	3,7	5	5	6,9	
Maximum power consumption in heating mode		kW	2,95	3,7	5	5	6,9	
Energy efficiency class in cooling			A++	A++	A++	A++	A++	
Energy efficiency class in heating mode - Average season			A+	A+	A+	A+	A+	
Energy efficiency class in heating mode - Warmer season			A++	A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season			/	/	/	/	/	
Energy consumption in cooling mode	kWh/year	kWh/year	294	395	549	589	810	
Annual energy consumption in heating mode - Average season	kWh/year	kWh/year	1470	2100	2975	2870	3860	
Annual energy consumption in heating mode - Warmer season	kWh/year	kWh/year	1575	1729	2773	2773	3360	
Annual energy consumption in heating mode - Cold season	kWh/year	kWh/year	/	/	/	/	/	
Dehumidification capacity		l/h	2,29	2,37	3,35	3,66	5,32	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,3	7	10,5	10,5	14
	Heating / Average	Pdesignh	kW	4,2	6	8,5	8,2	11
	Heating / Warmer	Pdesignh	kW	5,4	6,3	10,1	10,1	12
	Heating / Colder	Pdesignh	kW	/	/	/	/	/
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,2	6,7	6,4	6,1
	Heating / Average	SCOP (A)		4	4	4	4	4
	Heating / Warmer	SCOP (W)		4,8	5,1	5,1	5,1	5
	Heating / Colder	SCOP (C)		/	/	/	/	/
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	57	57	63	63	65
	Sound pressure (max/med/min/silence)		dB(A)	43/39/35/-	45/42/39/-	50/47/44/-	50/47/44/-	51/48/46/-
	Air flow rate in cooling mode (max/med/min)		m³/h	720-620-500	1300-1140-1000	1700-1550-1380	1800-1600-1400	1970-1780-1580
	Air flow rate in heating mode (max/med/min)		m³/h	720-620-500	1300-1140-1000	1700-1550-1380	1800-1600-1400	1970-1780-1580
	Degree of protection			/	/	/	/	/
	Dimensions (WxHxD) (without packaging)		mm	570x260x570	830x205x830	830x245x830	830x245x830	830x287x830
	Weight (without packaging)		kg	16	21,6	27,2	27,2	29,3
	Dimensions (WxHxD) (with packaging)		mm	662x317x662	910x250x910	910x290x910	910x290x910	910x330x910
	Weight (with packaging)		kg	20,6	25,4	31,2	31,2	33,5
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	63	67	70	70
Sound pressure			dB(A)	59	60	63	63	64
Air flow rate (max)			m³/h	2100	3500	4000	4000	7500
Degree of protection				/	/	/	/	/
Dimensions (WxHxD) (without packaging)			mm	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415
Weight (without packaging)			kg	32,5	43,9	66,9	80,5	103,7
Dimensions (WxHxD) (with packaging)			mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495
Weight (with packaging)			kg	35,2	46,9	71,5	85	118,3
DECORATIVE PANEL	Dimensions (WxHxD) (without packaging)		mm	647x50x647	950x55x950	950x55x950	950x55x950	950x55x950
	Weight (without packaging)		kg	2,5	6,0	6,0	6,0	6,0
	Dimensions (WxHxD) (with packaging)		mm	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Weight (with packaging)		kg	4,5	9,0	9,0	9,0	9,0
COOLING CIRCUIT	Connecting liquid pipeline diameter	inch - mm	1/4" - 6,35	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52	3/8" - 9,52
	Connecting gas pipeline diameter	inch - mm	1/2" - 12,7	5/8" - 15,9	5/8" - 15,9	5/8" - 15,9	5/8" - 15,9	
	Maximum piping length	m	30	50	75	75	75	
	Maximum height difference	m	20	25	30	30	30	
	Covered piping length from pre-load	m	5	5	5	5	5	
	Piping recommended minimum length	m	3	3	3	3	3	
	Refrigerant increase (over 5 m of pipes)	g/m	12	24	24	24	24	
	Maximum operating pressure	MPa	4,3-1,7	4,3-1,7	4,3-1,7	4,3-1,7	4,3-1,7	
	Refrigerant gas*	Type	Type	R32	R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675	675
Refrigerant gas charge	kg		1,15	1,5	2,4	2,4	2,9	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	One Phase 220-240 / 1 / 50	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	One Phase 220-240 / 1 / 50	Three-phase 380-415/3/50	Three-phase 380-415/3/50
	Outdoor unit power supply connection	Pipes		3 x 2,5 mm2	3 x 2,5 mm2	3 x 2,5 mm2	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	4 x 1,5 mm2	4 x 1,5 mm2	4 x 1,5 mm2
	Max Current	A		13,5	19	22,5	10	13
LIMITS OF OPERATING CONDITIONS								
Indoor ambient temperature	Maximum temperature in cooling						DB 32°C	
	Minimum temperature in cooling						DB 17°C	
	Maximum temperature in heating						DB 30°C	
Outdoor ambient temperature	Minimum temperature in heating						DB 0°C	
	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.