

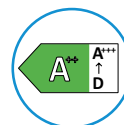
NEXYA COMMERCIAL CASSETTE [OS5/S6+IS5/S6]

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.



INDEPENDENT BLADE CONTROL

Independent flap control for greater climate comfort.



FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.



FEATURES

Two models

Compact cassette (with even more compact width and length dimensions of just 620x620 mm) and cassette (with width and length dimensions of 950x950 mm).

Fresh air inlet

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

Condensate lifting pump

The internal units are equipped with a condensate liquid lifting pump.

Remote ON-OFF

All the units of the commercial line are equipped with terminals for controlling the remote switching on and off of the unit via an external device.

Alarm Contact

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

Hydrophilic Aluminium coating

Suitable for installations in coastal areas or in particularly humid areas, thanks to its excellent anti-corrosion performance. With the same environmental conditions, the new coating of the condensers ensures a longevity up to over 7 times greater than traditional models.

All sizes of external units are single-fan.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Auto, Eco, Sleep, Silent and Turbo functions**
- **24 h Timer:** to program the switching on and off.
- **Follow Me function:** precise detection of the temperature at the point where the remote control is located.
- **Swing function:** independent automatic flap oscillation.
- **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 environment.
- **Auto-Restart function:** after a blackout, it restarts at the last function set.

				NEW	NEW	NEW		
				Nexya E Cassette Compact 18 (OS5+IS6)	Nexya E Cassette 24 (OS6+IS5)	Nexya E Cassette 36 (OS5+IS5)	Nexya E Cassette 36T (OS5+IS5)	Nexya E Cassette 48T (OS6+IS5)
INDOOR UNIT CODE				OS-K/SENAH18E1	OS-K/SANCH24E1	OS-K/SANCH36E1	OS-K/SANCH36E1	OS-K/SANCH48E1
INDOOR UNIT EAN CODE				8021183122343	8021183119343	8021183119350	8021183119350	8021183119367
OUTDOOR UNIT CODE				OS-CANCH18E1	OS-CECAH24E1	OS-CANCH36E1	OS-CANCH36E1	OS-CECATH48E1
OUTDOOR UNIT EAN CODE				8021183119053	8021183122220	8021183119077	8021183119084	8021183122237
Output power in cooling mode (min/rated/max)			kW	2,9/5,28/5,59	3,29/6,15/7,91	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	2,37/5,33/6,1	2,79/7,62/8,5	2,78/11,14/12,3	2,78/11,14/12,66	4,1/16,12/17,29
Absorbed power in cooling mode (min/rated/max)			kW	0,72/1,55/2,04	0,78/1,88/2,75	0,9/2,989/4,2	0,89/3,044/4,15	0,81/4,98/6,35
Absorbed power in heating mode (min/rated/max)			kW	0,7/1,42/1,95	0,61/1,9/2,3	0,8/3/3,95	0,78/3/4	0,91/4,58/5,9
Current consumption in cooling mode (min/rated/max)			A	3,2/6,9/9	4,2/8,3/12	4,2/17,5/18,5	1,4/6,5/6,5	1,8/8/10,3
Current consumption in heating mode (min/rated/max)			A	3,1/6/8,6	3,6/8,5/10,1	3,5/13,5/17,5	1,3/5/6,4	1,9/7,5/9,6
EER				3,4	3,28	3,33	3,29	2,82
COP				3,76	4,01	3,71	3,71	3,52
Maximum power consumption in cooling mode			kW	2,95	3,7	5	5	7,3
Maximum power consumption in heating mode			kW	2,95	3,7	5	5	7,3
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	285	394	549	589	1373
Annual energy consumption in heating mode - Average season		kWh/year	kWh/year	1431	2117	2975	2870	3920
Annual energy consumption in heating mode - Warmer season		kWh/year	kWh/year	1455	1633	2773	2773	3047
Annual energy consumption in heating mode - Cold season		kWh/year	kWh/year	/	/	/	/	/
Dehumidification capacity			l/h	2,3	2,4	3,35	3,66	5,35
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,3	7,1	10,5	10,5	14,0
	Heating / Average	Pdesignh	kW	4,2	6,2	8,5	8,2	11,2
	Heating / Warmer	Pdesignh	kW	5,3	6,3	10,1	10,1	11,1
	Heating / Colder	Pdesignh	kW	/	/	/	/	/
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,5	6,3	6,7	6,4	6,1
	Heating / Average	SCOP (A)		4,1	4,1	4	4	4,0
	Heating / Warmer	SCOP (W)		5,1	5,4	5,1	5,1	5,1
	Heating / Colder	SCOP (C)		/	/	/	/	/
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	59	59	63	63	66
	Sound pressure (max/med/min/silence)		dB(A)	44/41/32/25	45/43/37/28	50/47/44/40	51/49/46/39	52/49/47/39
	Air flow rate in cooling mode (max/med/min)		m³/h	660/540/300	1247/1118/992	1700-1550-1380	1800-1600-1400	1900/1750/1600
	Air flow rate in heating mode (max/med/min)		m³/h	660/540/300	1247/1118/992	1700-1550-1380	1700-1530-1300	1900/1750/1600
	Degree of protection			/	/	/	/	/
	Dimensions (WxHxD) (without packaging)		mm	570x245x570	830x205x830	830x245x830	830x245x830	830x287x830
	Weight (without packaging)		kg	16,2	21,6	27,2	27,2	29,3
	Dimensions (WxHxD) (with packaging)		mm	715x295x640	910x250x910	910x290x910	910x290x910	910x330x910
	Weight (with packaging)		kg	19	25,4	31,2	31,2	33,5
	Sound power (EN 12102)	LWA	dB(A)	65	68	70	70	73
OUTDOOR UNIT	Sound pressure		dB(A)	58	60	63	63	64
	Air flow rate (max)		m³/h	2100	3500	4000	4000	5600
	Degree of protection			/	/	/	/	/
	Dimensions (WxHxD) (without packaging)		mm	805x554x330	890x673x342	946x810x410	946x810x410	980x975x415
	Weight (without packaging)		kg	32,5	41,9	66,9	75,5	90,0
	Dimensions (WxHxD) (with packaging)		mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1145x1080x500
	Weight (with packaging)		kg	35,2	45,2	71,5	80,0	105,0
	Dimensions (WxHxD) (without packaging)		mm	620x50x620	950x55x950	950x55x950	950x55x950	950x55x950
DECORATIVE PANEL	Weight (without packaging)		kg	2,7	6	6,0	6,0	6,0
	Dimensions (WxHxD) (with packaging)		mm	715x115x700	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Weight (with packaging)		kg	4,3	9	9,0	9,0	9,0
	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
COOLING CIRCUIT	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	1,4	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	5 x 2,5 mm2
	Indoor - Outdoor unit connection	Pipes		4 x 1 mm2	4 x 1 mm2	4 x 1,5 mm2	4 x 1,5 mm2	4 x 1 mm2
	Max Current	A		13,5	19	22,5	10	14
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.