NEXYA COMMERCIAL CEILING

Energy efficient inverter air conditioners.

HIGH EFFICIENCY

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

FEATURES

Energy-efficient inverter technology with low-GWP R32 refrigerant gas.

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.

Alarm contact

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.
- **Swing function**: automatically regulates the air flow (horizontal and vertical)
- **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 Ceiling 18	Nexya S5 E Ceiling 24	Nexya S5 E Ceiling 36	Nexya S5 E Ceiling 36T	Nexya S5 E Ceiling 48T
	INDOOR UNIT CODE			OS-SANFH18EI	OS-SANFH24EI	OS-SANFH36EI	OS-SANFH36EI	OS-SANFH48EI
	INDOOR UNIT EAN CODE			8021183119190	8021183119206	8021183119213	8021183119213	8021183119220
	OUTDOOR UNIT CODE			OS-CANCH18EI	OS-CANCH24EI	OS-CANCH36EI	OS-CANCHT36EI	OS-CANCHT48EI
	OUTDOOR UNIT EAN CODE			8021183119053	8021183119060	8021183119077	8021183119084	8021183119091
	Output power in cooling mode (min/rated/max)		kW	2,71/5,275/5,86	3,22/6,804/7,77	2,73/10,109/11,43	2,73/10,092/11,78	3,52/14,07/15,24
	Output power in heating mode (min/rated/max)		kW	2,42/5,569/6,30	2,72/7,62/8,29	2,78/11,723/12,78	2,81/11,714/12,78	4,1/16,12/17
	Absorbed power in cooling mode (min/rated/max)		kW	0,67/1,45/2,03	0,747/2,062/2,93	0,9/3,058/4,25	0,89/3,103/4,3	0,9/5/5,95
	Absorbed power in heating mode (min/rated/max)		kW	0,54/1,5/1,64	0,65/2,05/2,85	0,8/3,16/3,95	0,78/3,085/3,95	1/5,1/6,05
	Current consumption in cooling mode (min/rated/max)		A	3,2/6/9	3,9/10,54/13,1	4,2/17/19	1,4/6,3/6,8	1,9/8,8/10,3
	Current consumption in heating mode (min/rated/max)		A	2,7/6,6/7,3	3,5/9,5/12,7	3,5/15/17,5	1,3/5,4/6,2	2,1/8,9/10,5
	EER			3,64	3,3	3,31	3,25	2,81
	COP			3,71	3,72	3,71	3,8	3,16
	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	305	413	574	592	809
	Annual energy consumption in heating mode - Average season	kWh/year	kWh/year	1400	1925	2937	3010	4079
	Annual energy consumption in heating mode - Warmer season	kWh/year	kWh/year	1400	1592	2800	2745	3211
	Annual energy consumption in heating mode - Cold season		kWh/year	/	/	/	/	/
	Dehumidification capacity		l/h	1,78	2,72	3,28	4,19	5,45
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,4	7,2	10,5	10,5	14
	Heating / Average	Pdesignh	kW	4	5,5	8,6	8,6	11,2
	Heating / Warmer	Pdesignh	kW	5,1	5,8	10,2	10	11,7
	Heating / Colder	Pdesignh	kW	/	/	/	/	/
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,2	6,1	6,2	6,2	6,1
	Heating / Average	SCOP (A)		4	4	4	4	4
	Heating / Warmer	SCOP (W)		5,1	5,1	5,1	5,1	5,1
	Heating / Colder	SCOP (C)		/	/	/	/	/
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	57	55	64	64	67
	Sound pressure (max/med/min/silence)		dB(A)	43/41/36/-	49/46/43/-	50/48/44/-	50/47/44/-	53/50/45/-
	Air flow rate in cooling mode (max/med/min)		m³/h	958-839-723	1192-1023-853	1955-1728-1504	1955-1728-1504	2100-1850-1600
	Air flow rate in heating mode (max/med/min)		m³/h	958-839-723	1192-1023-853	1955-1728-1504	1955-1728-1504	2100-1850-1600
	Degree of protection			/	/	/	/	/
	Dimensions (WxHxD) (without packaging)		mm	1068x235x675	1068x235x675	1650x235x675	1650x235x675	1650x235x675
	Weight (without packaging)		kg	28,0	28,0	41,5	41,5	41,7
	Dimensions (WxHxD) (with packaging)		mm	1145x318x755	1145x318x755	1725x318x755	1725x318x755	1725x318x755
	Weight (with packaging)		kg	33,3	33,1	48	48,0	48,5
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	65	66	68	70	73
	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	85,0	118,3
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
	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 mm2	4 x 1 mm2	4 x 1 mm2	4 x 1 mm2	4 x 1 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
	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 measured under the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1 metre below the internal unit and 1 metre from the front of the internal unit.
The sound pressure values of the outdoor units are measured under 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.