





NEXYA

Mono and multisplit air-to-air
heat pumps



A complete range to create different systems

Ideal for both residential and commercial applications, Olimpia Splendid split air-to-air heat pumps simplify even the most complex projects

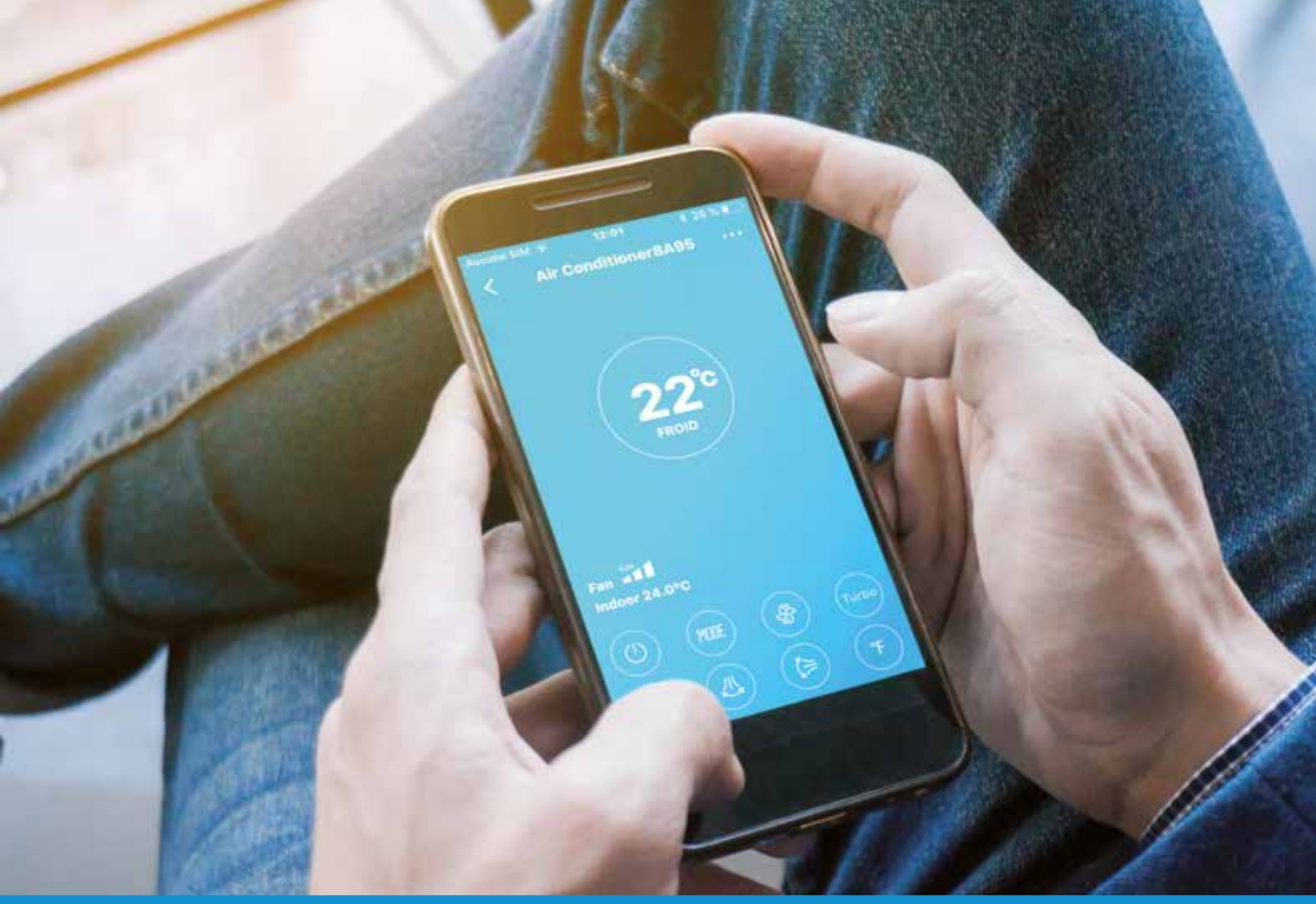
Up to 5 indoor units on the wall, ceiling or ducted

The Nexya range is designed to meet different intended uses (domestic or professional) and installation needs, with mono and Multi-Split solutions that include both internal wall units and cassette, duct or ceiling units. Available in dual, triad, quadruple and quintuple versions, they allow you to air condition up to 5 rooms with a single external motor.

Not just climate comfort: domestic hot water too

With Nexya Multi All-in-One, electrifying all domestic consumption is even easier, thanks to a system - simple but complete - that allows both the provision of climate comfort in every season of the year and the production of DHW. Ideal for energy efficiency projects of existing buildings as well as for new buildings, the system stands out for its modularity (up to 3 internal units, in addition to the DHW boiler) and ease of installation.





Wi-Fi control

Easy to install and set up

All the wall, duct, cassette and ceiling internal units of Olimpia Splendid's fixed air conditioners can be fitted with Wi-Fi connectivity to manage the comfort settings remotely, out of the home, via the 3G and 4G network from your smartphone. There are two solutions available:

- Wi-Fi B1020 kit: consisting of a special USB key to insert independently in the dedicated port under the front panel. The kit is included with all the wall units, while it is optional (to order) for all the S5 cassette internal units, sizes 24, 36, 36T and 48T, and for all the S6 cassette internal units (9, 12, 18, 24, 36, 36T e 48T).

- Wi-Fi B0970 kit: consisting of a disc, to be installed outside the wall/ceiling internal unit, containing a USB key for Wi-Fi integration. The kit is optional (to order) for duct S5 (sizes 9, 12, 18, 24, 36, 36T, 48T), ceiling (sizes 9, 12, 18, 24, 36, 36T, 48T) and cassette (sizes 9, 12, 18) indoor units.



OS Comfort is Olimpia Splendid's application to control the air conditioner from your smartphone. Available for download on the Apple Store and Google Play.



App features

Available for iPhone and iPad with IOS Operating System and for smartphones and tablets with Android Operating System (compatibility indication available on Apple Store and Google Play). It is used to manage one or more air conditioners.

App functionality

- All modes can be set: heating, cooling, dehumidification, ventilation only, automatic
- Special functions can also be set: turbo, vertical and horizontal swing, echo
- Room temperature display
- Weekly timer with 1 time slot, with fixed modes and set points
- Frost protection: automatic activation of the air conditioner with ambient temperature below 8°C
- Sleep setting: possibility to manage the set point for each hour of the day

Monosplit air-to-air heat pumps

SINGLE-PHASE ODU

		9		12	
NEXYA ENERGY High wall installation  	Outdoor units	UE Nexya Energy E 9 (OS-CEENH09EI)	UE Nexya Energy E 12 (OS-CEENH12EI)		
	Indoor Units	UI Nexya Energy E 9 (OS-SEENH09EI)	UI Nexya Energy E 12 (OS-SEENH12EI)		
	NEXYA S4 High wall installation  	Outdoor units	UE Nexya S4 E inverter 9 C (OS-KENEH09EI)	UE Nexya S4 E inverter 12 C (OS-KENEH12EI)	
		Indoor Units	UI Nexya S4 E Inverter 9 (OS-SENEH09EI)	UI Nexya S4 E Inverter 12 (OS-SENEH12EI)	
	NEXYA COMMERCIAL DUCT Ducted installation  	Outdoor units			
		Indoor Units			
	NEXYA COMMERCIAL CASSETTE Built-in installation  	Outdoor units			
		Indoor Units			
	NEXYA COMMERCIAL CEILING Ceiling or wall installation  	Outdoor units			
		Indoor Units			
		Outdoor units			
		Indoor Units			

Energy efficiency class in cooling (depending on the reference operating conditions of each model) on a range between A+++ and D.

THREE-PHASE ODU

18	24	36	36T	48T

UE Nexya S4 E inverter 18 C (OS-KENEH18EI)	UE Nexya S4 E inverter 24 C (OS-KENEH24EI)			
UI Nexya S4 E Inverter 18 (OS-SENEH18EI)	UI Nexya S4 E inverter 24 (OS-SENEH24EI)			

UE Nexya S5 E Commercial 18 (OS-CANCH18EI)	UE Nexya S5 E Commercial 24 (OS-CANCH24EI)	UE Nexya S5 E Commercial 36 (OS-CANCH36EI)	UE Nexya S5 E Commercial 36T (OS-CANCHT36EI)	
UI Nexya S5 E Duct 18 (OS-SANDH18EI)	UI Nexya S5 E Duct 24 (OS-SANDH24EI)	UI Nexya S5 E Duct 36 (OS-SANDH36EI)		

UE Nexya S5 E Commercial 18 (OS-CANCH18EI)	UE Nexya S6 E Commercial 24 (OS-CECAH24EI)	NEW 06/25	UE Nexya S5 E Commercial 36 (OS-CANCH36EI)	UE Nexya S5 E Commercial 36T (OS-CANCHT36EI)	UE Nexya S6 E Commercial 48T (OS-CECATH48EI)	NEW	
UI Nexya S6 E Duct 18 (OS-SEDAH18EI)	NEW 04/25	UI Nexya S6 E Duct 24 (OS-SEDAH24EI)	NEW 06/25	UI Nexya S6 E Duct 36 (OS-SEDAH36EI)	NEW 06/25	UI Nexya S6 E Duct 48 (OS-SEDAH48EI)	NEW

UE Nexya S5 E Commercial 18 (OS-CANCH18EI)	UE Nexya S5 E Commercial 24 (OS-CANCH24EI)			
UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18EI)	UI Nexya S5 E Cassette 24 (OS-K/SANCH24EI)			

UE Nexya S5 E Commercial 18 (OS-CANCH18EI)	UE Nexya S6 E Commercial 24 (OS-CECAH24EI)	NEW 06/25	UE Nexya S5 E Commercial 36 (OS-CANCH36EI)	UE Nexya S5 E Commercial 36T (OS-CANCHT36EI)	UE Nexya S6 E Commercial 48T (OS-CECATH48EI)	NEW
UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18EI)	NEW 04/25	UI Nexya S5 E Cassette 24 (OS-K/SANCH24EI)	UI Nexya S5 E Cassette 36 (OS-K/SANCH36EI)		UI Nexya S5 E Cassette 48 (OS-K/SANCH48EI)	

	UE Nexya S5 E Commercial 24 (OS-CANCH24EI)			
	UI Nexya S5 E Ceiling 24 (OS-SANFH24EI)			

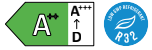
UE Nexya S5 E Commercial 18 (OS-CANCH18EI)	UE Nexya S6 E Commercial 24 (OS-CECAH24EI)	NEW 06/25	UE Nexya S5 E Commercial 36 (OS-CANCH36EI)	UE Nexya S5 E Commercial 36T (OS-CANCHT36EI)	UE Nexya S6 E Commercial 48T (OS-CECATH48EI)	NEW
UI Nexya S5 E Ceiling 18 (OS-SANFH18EI)	UI Nexya S5 E Ceiling 24 (OS-SANFH24EI)		UI Nexya S5 E Ceiling 36 (OS-SANFH36EI)		UI Nexya S5 E Ceiling 48 (OS-SANFH48EI)	

Multisplit air-to-air heat pumps

Multisplit

NEXYA MULTI WALL

High wall installation



	Dual 14	Dual 18
Outdoor units	UE Nexya S5 E Dual inverter 14 (OS-CANMH14E1)	UE Nexya S5 E Dual inverter 18 (OS-CANMH18E1)
Indoor Units	UI Nexya S4 E inverter 9 (OS-SENEH09E1)	UI Nexya S4 E inverter 9 (OS-SENEH09E1)
	UI Nexya S4 E inverter 12 (OS-SENEH12E1)	UI Nexya S4 E inverter 12 (OS-SENEH12E1)
	UI Nexya S4 E inverter 18 (OS-SENEH18E1)	UI Nexya S4 E inverter 18 (OS-SENEH18E1)

NEXYA MULTI WALL ALL-IN-ONE

For climate comfort and DHW



	Dual 14	Dual 18
Outdoor units		
Indoor Units		

NEXYA MULTI DUCT

Ducted installation



	Dual 14	Dual 18
Outdoor units	UE Nexya S5 E Dual inverter 14 (OS-CANMH14E1)	UE Nexya S5 E Dual inverter 18 (OS-CANMH18E1)
Indoor Units	UI Nexya S5 E Duct 9 (OS-SANDH09E1)	UI Nexya S5 E Duct 9 (OS-SANDH09E1)
	UI Nexya S5 E Duct 18 (OS-SANDH18E1)	UI Nexya S5 E Duct 18 (OS-SANDH18E1)
Outdoor units	UE Nexya S5 E Dual inverter 14 (OS-CANMH14E1)	UE Nexya S5 E Dual inverter 18 (OS-CANMH18E1)
Indoor Units	UI Nexya S6 E Duct 9 (OS-SEDAH09E1)	UI Nexya S6 E Duct 9 (OS-SEDAH09E1) NEW 04/25
	UI Nexya S6 E Duct 12 (OS-SEDAH12E1)	UI Nexya S6 E Duct 12 (OS-SEDAH12E1) NEW 04/25
	UI Nexya S6 E Duct 18 (OS-SEDAH18E1)	UI Nexya S6 E Duct 18 (OS-SEDAH18E1) NEW 04/25

NEXYA MULTI CASSETTE

Built-in installation



	Dual 14	Dual 18
Outdoor units	UE Nexya S5 E Dual inverter 14 (OS-CANMH14E1)	UE Nexya S5 E Dual inverter 18 (OS-CANMH18E1)
Indoor Units	UI Nexya S5 E Cassette Compact 9 (OS-K/SANCH09E1)	UI Nexya S5 E Cassette Compact 9 (OS-K/SANCH09E1)
	UI Nexya S5 E Cassette Compact 12 (OS-K/SANCH12E1)	UI Nexya S5 E Cassette Compact 12 (OS-K/SANCH12E1)
	UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18E1)	UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18E1)
Outdoor units	UE Nexya S5 E Dual inverter 14 (OS-CANMH14E1)	UE Nexya S5 E Dual inverter 18 (OS-CANMH18E1)
Indoor Units	UI Nexya S6 E Cassette Compact 9 (OS-K/SENAH09E1)	UI Nexya S6 E Cassette Compact 9 (OS-K/SENAH09E1) NEW 06/25
	UI Nexya S6 E Cassette Compact 12 (OS-K/SENAH12E1)	UI Nexya S6 E Cassette Compact 12 (OS-K/SENAH12E1) NEW 06/25
	UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18E1)	UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18E1) NEW 04/25

Energy efficiency class in cooling (depending on the reference operating conditions of each model) on a range between A+++ and D.

Trial 21	Quadri 27	Quadri 28	Penta 42
UE Nexya S5 E Trial inverter 21 (OS-CANMH21E1)		UE Nexya S4 E Quadri inverter 28 (OS-CEMYH28E1)	UE Nexya S5E Penta inverter 42 (OS-CANMH42E1)
UI Nexya S4 E inverter 9 (OS-SENEH09E1)		UI Nexya S4 E inverter 9 (OS-SENEH09E1)	UI Nexya S4 E inverter 9 (OS-SENEH09E1)
UI Nexya S4 E inverter 12 (OS-SENEH12E1)		UI Nexya S4 E inverter 12 (OS-SENEH12E1)	UI Nexya S4 E inverter 12 (OS-SENEH12E1)
UI Nexya S4 E inverter 18 (OS-SENEH18E1)		UI Nexya S4 E inverter 18 (OS-SENEH18E1)	UI Nexya S4 E inverter 18 (OS-SENEH18E1)
	UE Nexya WHR S5 E Quadri inverter 27 (OS-CEMAH27E1) NEW		
	UI Nexya S4 E inverter 9 (OS-SENEH09E1)		
	UI Nexya S4 E inverter 12 (OS-SENEH12E1)		
	UI Nexya S4 E inverter 18 (OS-SENEH18E1)		
	UI Nexya DHW S5 E 190 (02589) NEW		
UE Nexya S5 E Trial inverter 21 (OS-CANMH21E1)		UE Nexya S4 E Quadri inverter 28 (OS-CEMYH28E1)	UE Nexya S5E Penta inverter 42 (OS-CANMH42E1)
UI Nexya S5 E Duct 9 (OS-SANDH09E1)		UI Nexya S5 E Duct 9 (OS-SANDH09E1)	UI Nexya S5 E Duct 9 (OS-SANDH09E1)
UI Nexya S5 E Duct 18 (OS-SANDH18E1)		UI Nexya S5 E Duct 18 (OS-SANDH18E1)	UI Nexya S5 E Duct 18 (OS-SANDH18E1)
UE Nexya S5 E Trial inverter 21 (OS-CANMH21E1)		UE Nexya S4 E Quadri inverter 28 (OS-CEMYH28E1)	UE Nexya S5E Penta inverter 42 (OS-CANMH42E1)
UI Nexya S6 E Duct 9 (OS-SEDAH09E1) NEW 04/25		UI Nexya S6 E Duct 9 (OS-SEDAH09E1) NEW 04/25	UI Nexya S6 E Duct 9 (OS-SEDAH09E1) NEW 04/25
UI Nexya S6 E Duct 12 (OS-SEDAH12E1) NEW 04/25		UI Nexya S6 E Duct 12 (OS-SEDAH12E1) NEW 04/25	UI Nexya S6 E Duct 12 (OS-SEDAH12E1) NEW 04/25
UI Nexya S6 E Duct 18 (OS-SEDAH18E1) NEW 04/25		UI Nexya S6 E Duct 18 (OS-SEDAH18E1) NEW 04/25	UI Nexya S6 E Duct 18 (OS-SEDAH18E1) NEW 04/25
UE Nexya S5 E Trial inverter 21 (OS-CANMH21E1)		UE Nexya S4 E Quadri inverter 28 (OS-CEMYH28E1)	UE Nexya S5E Penta inverter 42 (OS-CANMH42E1)
UI Nexya S5 E Cassette Compact 9 (OS-K/SANCHO9E1)		UI Nexya S5 E Cassette Compact 9 (OS-K/SANCHO9E1)	UI Nexya S5 E Cassette Compact 9 (OS-K/SANCHO9E1)
UI Nexya S5 E Cassette Compact 12 (OS-K/SANCH12E1)		UI Nexya S5 E Cassette Compact 12 (OS-K/SANCH12E1)	UI Nexya S5 E Cassette Compact 12 (OS-K/SANCH12E1)
UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18E1)		UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18E1)	UI Nexya S5 E Cassette Compact 18 (OS-K/SANCH18E1)
UE Nexya S5 E Trial inverter 21 (OS-CANMH21E1)		UE Nexya S4 E Quadri inverter 28 (OS-CEMYH28E1)	UE Nexya S5E Penta inverter 42 (OS-CANMH42E1)
UI Nexya S6 E Cassette Compact 9 (OS-K/SENAH09E1) NEW 06/25		UI Nexya S6 E Cassette Compact 9 (OS-K/SENAH09E1) NEW 06/25	UI Nexya S6 E Cassette Compact 9 (OS-K/SENAH09E1) NEW 06/25
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UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18E1) NEW 04/25		UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18E1) NEW 04/25	UI Nexya S6 E Cassette Compact 18 (OS-K/SENAH18E1) NEW 04/25

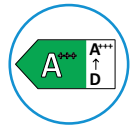
NEXYA ENERGY E

High-wall mono-split inverter in class A+++



HIGH EFFICIENCY

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



STERILISATION AT 56°C

High temperature sterilisation cycles of the evaporator to prevent bacteria from forming and to improve the quality of air.



IONIZER

Neutralises polluting agents and keeps the air in the room clean and healthy



AIR QUALITY TECH

The treated air is purified with anti-dust filters, activated carbon and cold catalytic filters to remove impurities.



FEATURES

- High-performance inverter technology
- Coolant gas R32
- Energy efficiency class A+++ in cooling (on a range between A+++ and D)
- Remote control supplied
- Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Timer, Auto, Eco, Sleep, Silent and Turbo functions**
- **Follow Me function:** precise temperature detection in the point where the remote control is located.
- **Breeze away and Swing functions:** prevents direct air jets and automatically adjusts the air flow (horizontal and vertical)
- **Gearfunction:** 3 power options (50-75-100%) to optimise energy consumption.
- **Auto-Restart function:** after a power failure, it restarts at the last function set.
- **Auto-Diagnosis function:** in the event of a failure, the display shows the error code.



				Nexya Energy E 9	Nexya Energy E 12
PRODUCT CODE				OS-C/SEENH09EI	OS-C/SEENH12EI
EAN CODE				8021183118728	8021183118759
Output power in cooling mode (min/rated/max)			kW	1,03/2,64/3,23	1,38/3,52/4,31
Output power in heating mode (min/rated/max)			kW	0,82/2,93/3,37	1,07/3,81/4,38
Absorbed power in cooling mode (min/rated/max)			kW	0,08/0,63/1,10	0,13/1,01/1,65
Absorbed power in heating mode (min/rated/max)			kW	0,70/0,65/0,99	0,16/0,98/1,56
Current consumption in cooling mode (min/rated/max)			A	0,35/2,73/4,78	0,6/4,37/7,2
Current consumption in heating mode (min/rated/max)			A	0,32/2,83/4,32	0,7/4,24/6,78
EER				4,2	3,5
COP				4,5	3,9
Maximum power consumption in cooling mode			kW	2,20	2,20
Maximum power consumption in heating mode			kW	2,20	2,20
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	kWh/year	107	157
Annual energy consumption in heating mode - Average season		kWh/year	kWh/year	744	797
Annual energy consumption in heating mode - Warmer season		kWh/year	kWh/year	630	723
Annual energy consumption in heating mode - Cold season			kWh/year	1891	1984
Dehumidification capacity			l/h	1,5	1,5
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,6	3,5
	Heating / Average	Pdesignh	kW	2,4	2,6
	Heating / Warmer	Pdesignh	kW	2,7	3,1
	Heating / Colder	Pdesignh	kW	3	3,3
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		8,8	8,5
	Heating / Average	SCOP (A)		4,6	4,6
	Heating / Warmer	SCOP (W)		6	6
	Heating / Colder	SCOP (C)		3,5	3,5
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	54	55
	Sound pressure (max/med/min/silence)		dB(A)	37/31/22/-	39/33/22/-
	Air flow rate in cooling mode (max/med/min)		m³/h	510/360/300	520/370/310
	Air flow rate in heating mode (max/med/min)		m³/h	510/360/300	520/370/310
	Degree of protection			/	/
	Dimensions (WxHxD) (without packaging)		mm	835x295x208	835x295x208
	Weight (without packaging)		kg	8,7	8,7
	Dimensions (WxHxD) (with packaging)		mm	905x355x290	905x355x290
	Weight (with packaging)		kg	11,5	11,3
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	58
Sound pressure			dB(A)	54	54,5
Air flow rate (max)			m³/h	2150	2200
Degree of protection				IP24	IP24
Dimensions (WxHxD) (without packaging)			mm	765x555x303	765x555x303
Weight (without packaging)			kg	26,7	26,7
Dimensions (WxHxD) (with packaging)			mm	887x610x337	887x610x337
Weight (with packaging)			kg	29,1	29,1
COOLING CIRCUIT	Connecting liquid pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52
	Maximum piping length		m	25	25
	Maximum height difference		m	10	10
	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	12
	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	0,62	0,62
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit		V/F/Hz	220-240 / 1 / 50	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		5 x 1,5 mm2	5 x 1,5 mm2
	Max Current		A	10,5	10,5

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.
*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.
Energy efficiency classes refer to a range between A+++ and D.

NEXYA S4E

High-wall mono-split inverter in class A++

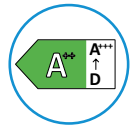


FEATURES

- High-performance inverter technology
- Coolant gas R32
- Energy efficiency class A++ in cooling (on a range between A+++ and D)
- Remote control supplied
- Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

HIGH EFFICIENCY

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



AIR QUALITY TECH

The treated air is purified with anti-dust filters, activated carbon and cold catalytic filters to remove impurities.



SELF CLEAN

Automatically cleans and dries the evaporator, removing dust, mould and grease to ensure clean air in the room.



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.



FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Timer, Auto, Sleep, Silent and Turbo functions**
- **Follow Me function:** precise temperature detection in the point where the remote control is located.
- **Swing function:** oscillation of the flap for better air diffusion in the environment.
- **Auto-Restart function:** after a power failure, it restarts at the last function set.
- **Auto-Diagnosis function:** in the event of a failure, the display shows the error code.



				Nexya S4 E Inverter 9 C	Nexya S4 E Inverter 12 C	Nexya S4 E Inverter 18 C	Nexya S4 E Inverter 24 C
PRODUCT CODE				OS-K/SENEH09EI	OS-K/SENEH12EI	OS-K/SENEH18EI	OS-K/SENEH24EI
EAN CODE				8021183117462	8021183117479	8021183118803	8021183118810
Output power in cooling mode (min/rated/max)			kW	0,91/2,64/3,40	1,11/3,40/4,16	3,39/5,27/5,83	2,08/5,86/7,91
Output power in heating mode (min/rated/max)			kW	0,82/2,93/3,37	1,09/3,68/4,22	3,14/9,71/5,85	1,61/6,07/9,1
Absorbed power in cooling mode (min/rated/max)			kW	0,10/0,73/1,24	0,13/1,04/1,58	0,56/1,55/2,05	0,42/1,78/3,15
Absorbed power in heating mode (min/rated/max)			kW	0,12/0,73/1,20	0,10/0,99/1,68	0,78/1,298/2	0,3/1,608/2,75
Current consumption in cooling mode (min/rated/max)			A	0,40/3,20/5,40	0,5/4,56/6,9	2,4/6,7/8,9	1,8/7,77/13,8
Current consumption in heating mode (min/rated/max)			A	0,50/3,20/5,20	0,4/4,35/6,9	3,4/5,64/8,7	1,3/6,99/12,2
EER				3,60	3,28	3,4	3,28
COP				4,00	3,72	3,83	3,73
Maximum power consumption in cooling mode			kW	2,15	2,15	2,50	3,50
Maximum power consumption in heating mode			kW	2,15	2,15	2,50	3,50
Energy efficiency class in cooling				A++	A++	A++	A++
Energy efficiency class in heating mode - Average season				A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season				A+++	A+++	A+++	A++
Energy efficiency class in heating mode - Cold season				-	-	-	-
Energy consumption in cooling mode			kWh/year	156	211	247	405
Annual energy consumption in heating mode - Average season			kWh/year	910	945	1435	1818
Annual energy consumption in heating mode - Warmer season			kWh/year	714	706	1208	1691
Annual energy consumption in heating mode - Cold season			kWh/year	-	-	-	-
Dehumidification capacity			l/h	1	1,2	1,6	2,4
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,8	3,6	5,2	7
	Heating / Average	Pdesignh	kW	2,6	2,7	4,1	4,8
	Heating / Warmer	Pdesignh	kW	2,6	2,5	4,4	5,8
	Heating / Colder	Pdesignh	kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,1	7,4	6,1
	Heating / Average	SCOP (A)		4,0	4,0	4	4
	Heating / Warmer	SCOP (W)		5,1	5,1	5,1	4,8
	Heating / Colder	SCOP (C)		-	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	54	55	56	59
	Sound pressure (max/med/min/silence)		dB(A)	39/32/25/-	41/35/25/-	42/36/26/-	45/40/36/-
	Air flow rate in cooling mode (max/med/min)		m³/h	466/360/325	547/430/314	840/680/540	980/817/662
	Air flow rate in heating mode (max/med/min)		m³/h	466/360/325	625/430/314	840/680/540	980/817/662
	Degree of protection			IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packaging)		kg	7,6	7,6	10	12,3
	Dimensions (WxHxD) (with packaging)		mm	870x365x270	870x365x270	1035x385x295	1120x405x315
	Weight (with packaging)		kg	9,7	9,8	13,0	15,8
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	62	63	63	67
	Sound pressure		dB(A)	55,5	56	56	59
	Air flow rate (max)		m³/h	1750	1800	2100	3500
	Degree of protection			IP24	IP24	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	720x495x270	720x495x270	805x554x330	890x673x342
	Weight (without packaging)		kg	23,2	23,2	32,7	42,9
	Dimensions (WxHxD) (with packaging)		mm	835x540x300	835x540x300	915x615x370	995x740x398
Weight (with packaging)		kg	25,0	25,0	35,4	45,9	
COOLING CIRCUIT	Connecting liquid pipeline diameter		inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	3/8" - 9,52
	Connecting gas pipeline diameter		inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	5/8" - 15,9
	Maximum piping length		m	25	25	30	50
	Maximum height difference		m	10	10	20	25
	Covered piping length from pre-load		m	5	5	5	5
	Piping recommended minimum length		m	3	3	3	3
	Refrigerant increase (over 5 m of pipes)		g/m	12	12	12	24
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
	Refrigerant gas*	Type		R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
Refrigerant gas charge		kg	0,55	0,55	1,08	1,42	
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 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
	Indoor - Outdoor unit connection	Pipes		5 x 1,5 mm2	5 x 1,5 mm2	5 x 1,5 mm2	5 x 2,5 mm2
	Max Current		A	10,0	10,0	13,0	15,5

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	Maximum temperature in cooling		DB 32°C	DB 32°C
	Minimum temperature in cooling		DB 17°C	DB 17°C
	Maximum temperature in heating		DB 30°C	DB 30°C
	Minimum temperature in heating		DB 0°C	DB 0°C
Outdoor ambient temperature	Maximum temperature in cooling		DB 43°C	DB 50°C
	Minimum temperature in cooling		-	-
	Maximum temperature in heating		DB 30°C	DB 30°C
	Minimum temperature in heating		DB -15°C	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.

*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.

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

NEXYA COMMERCIAL DUCT [OS4/S5+IS5]

Inverter mono-split air conditioners ducted for large rooms



HYDRAULIC HEAD

Centralised indoor unit with static pressure available up to 160 Pa.



SLIM DESIGN

The range is characterised by its small dimensions (Height from 210 mm)



AUTOMATIC SETTING OF THE AIR FLOW RATE

The system adapts automatically according to the ducts connected to the unit.



DIGITAL DISPLAY

Display on the outside of the internal unit to guarantee the best signal reception from the remote control (*Except for size 48T, which comes with the B0969 wall-mounted wire control).



FEATURES

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

Optimum performance and high efficiency at low airflow resulting in reduced noise.

Automatic air flow rate setting

Innovative automatic air flow setting function, so that the system automatically adapts according to the ducting connected to the unit.

Reversible air intake

The air intake duct can be moved from the rear of the product (standard configuration) to the bottom, replacing it with a sheet metal panel. This makes the product suitable for all installation conditions.

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 a durability that is 7 times greater than that of the traditional models.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Auto, Sleep* 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.
- *Functions not compatible for size 48T

				Nexya E Duct 18 [OS5+IS5]	Nexya E Duct 24 [OS5+IS5]	Nexya E Duct 36 [OS5+IS5]	Nexya E Duct 36T [OS5+IS5]	
INDOOR UNIT CODE				OS-SANDH18E1	OS-SANDH24E1	OS-SANDH36E1	OS-SANDH36E1	
INDOOR UNIT EAN CODE				8021183119152	8021183119169	8021183119176	8021183119176	
OUTDOOR UNIT CODE				OS-CANCH18E1	OS-CANCH24E1	OS-CANCH36E1	OS-CANCH36E1	
OUTDOOR UNIT EAN CODE				8021183119053	8021183119060	8021183119077	8021183119084	
Output power in cooling mode (min/rated/max)			kW	2,55/5,275/5,86	3,28/7,034/8,16	2,75/9,958/11,14	2,73/9,974/11,78	
Output power in heating mode (min/rated/max)			kW	2,20/5,569/6,15	2,81/7,62/8,49	2,78/11,723/12,78	2,78/11,245/12,84	
Absorbed power in cooling mode (min/rated/max)			kW	0,71/1,53/2,15	0,75/2,178/2,96	0,9/3,041/4,15	0,89/3,04/4,2	
Absorbed power in heating mode (min/rated/max)			kW	0,74/1,501/1,76	0,64/1,9/2,58	0,8/3,16/3,95	0,78/2,877/4	
Current consumption in cooling mode (min/rated/max)			A	3,2/7,1/9,56	4,2/10,2/13,2	4,2/17,5/18,5	1,4/6,5/6,7	
Current consumption in heating mode (min/rated/max)			A	3,3/6,8/7,7	3,8/9,2/11,6	3,5/14,5/17,5	1,3/5,3/6,4	
EER				3,45	3,23	3,27	3,28	
COP				3,71	4,01	3,71	3,91	
Maximum power consumption in cooling mode			kW	2,95	3,7	5	5	
Maximum power consumption in heating mode			kW	2,95	3,7	5	5	
Energy efficiency class in cooling				A++	A++	A++	A++	
Energy efficiency class in heating mode - Average season				A+	A+	A+	A+	
Energy efficiency class in heating mode - Warmer season				A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season				/	/	/	/	
Energy consumption in cooling mode		kWh/year	kWh/year	291	401	593	608	
Annual energy consumption in heating mode - Average season		kWh/year	kWh/year	1505	1890	2940	3080	
Annual energy consumption in heating mode - Warmer season		kWh/year	kWh/year	1434	1647	2690	2745	
Annual energy consumption in heating mode - Cold season		kWh/year	kWh/year	/	/	/	/	
Dehumidification capacity			l/h	1,87	2,34	3,54	4,19	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,4	7,1	10,5	10,6	
	Heating / Average	Pdesignh	kW	4,3	5,4	8,4	8,8	
	Heating / Warmer	Pdesignh	kW	5,2	6	9,8	10	
	Heating / Colder	Pdesignh	kW	/	/	/	/	
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,5	6,2	6,2	6,1	
	Heating / Average	SCOP (A)		4	4	4	4	
	Heating / Warmer	SCOP (W)		5,1	5,1	5,1	5,1	
	Heating / Colder	SCOP (C)		/	/	/	/	
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	58	61	61	61	
	Sound pressure (max/med/min/silence)		dB(A)	41/38/34/26	42/40/37/27	49/48/46/42	49/48/46/42	
	Air flow rate in cooling mode (max/med/min)		m³/h	911-706-515	1229-1035-825	2100-1800-1500	2100-1800-1500	
	Air flow rate in heating mode (max/med/min)		m³/h	911-706-515	1229-1035-825	2100-1800-1500	2100-1800-1500	
	Rated fan pressure		Pa	25	25	37	37	
	Fan pressure adjustment field		Pa	0-100	0-160	0-160	0-160	
	Degree of protection			/	/	/	/	
	Dimensions (WxHxD) (without packaging)		mm	880x210x674	1100x249x774	1360x249x774	1360x249x774	
	Weight (without packaging)		kg	24,4	32,3	40,5	40,5	
	Dimensions (WxHxD) (with packaging)		mm	1070x280x725	1305x315x805	1570x330x805	1570x330x805	
	Weight (with packaging)		kg	29,6	39,1	48,2	48,2	
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	65	67	70	70
		Sound pressure		dB(A)	56	60	63	63
Air flow rate (max)			m³/h	2100	3500	4000	4000	
Degree of protection				/	/	/	/	
Dimensions (WxHxD) (without packaging)			mm	805x554x330	890x673x342	946x810x410	946x810x410	
Weight (without packaging)			kg	32,5	43,9	66,9	80,5	
Dimensions (WxHxD) (with packaging)			mm	915x615x370	995x740x398	1090x885x500	1090x885x500	
Weight (with packaging)			kg	35,2	46,9	71,5	85	
COOLING CIRCUIT		Connecting liquid pipeline diameter		inch - mm	1/4" - 6,35	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	
	Maximum piping length		m	30	50	75	75	
	Maximum height difference		m	20	25	30	30	
	Covered piping length from pre-load		m	5	5	5	5	
	Piping recommended minimum length		m	3	3	3	3	
	Refrigerant increase (over 5 m of pipes)		g/m	12	24	24	24	
	Maximum operating pressure		MPa	4,3-1,7	4,3-1,7	4,3-1,7	4,3-1,7	
	Refrigerant gas*	Type	Type	R32	R32	R32	R32	
	Global warming potential	GWP		675	675	675	675	
ELECTRICAL CONNECTIONS	Refrigerant gas charge		kg	1,15	1,5	2,4	2,4	
	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	
	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	
	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	
	Indoor - Outdoor unit connection	Pipes		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	
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 measured under the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.5 metres below the internal unit to which standard ducting of 2 metres (supply) and 1 metre (return) are attached.

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.

NEW

NEXYA COMMERCIAL DUCT [OS5/S6+IS6]

Inverter mono-split air conditioners ducted for large rooms



HYDRAULIC HEAD

Centralised indoor unit with static pressure available up to 160 Pa.



SLIM DESIGN

The range is characterised by its small dimensions and easier installation



AUTOMATIC SETTING OF THE AIR FLOW RATE

The system adapts automatically according to the ducts connected to the unit.



DIGITAL DISPLAY

Display on the outside of the internal unit to guaranteed the best signal reception from the remote control.



FEATURES

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

Optimum performance and high efficiency at low airflow resulting in reduced noise.

Automatic air flow rate setting

Innovative automatic air flow setting function, so that the system automatically adapts according to the ducting connected to the unit.

Reversible air intake

The air intake duct can be moved from the rear of the product (standard configuration) to the bottom, replacing it with a sheet metal panel. This makes the product suitable for all installation conditions.

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 condensate 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 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, Sleep, Eco, Silent and Turbo functions**
- **24 h Timer:** to program the switching on and off.
- **Anti-dust filter:** to capture dust and pollen.
- **Follow Me function:** precise detection of the temperature at the point where the remote control is located.
- **Gear Function:** 3 power options (50-75-100%) to optimise energy consumption.
- **Self-Clean function:** automatically cleans and dries the evaporator, eliminating dust, mould and grease to ensure clean air in the room.
- **Auto-Restart function:** after a blackout, it restarts at the last function set.

				NEW	NEW	NEW	NEW	NEW	
				Nexya E Duct 18 [OS5+IS6]	Nexya E Duct 24 [OS6+IS6]	Nexya E Duct 36 [OS5+IS6]	Nexya E Duct 36T [OS5+IS6]	Nexya E Duct 48T [OS6+IS6]	
INDOOR UNIT CODE				OS-SEDAH18E1	OS-SEDAH24E1	OS-SEDAH36E1	OS-SEDAH36E1	OS-SEDAH48E1	
INDOOR UNIT EAN CODE				8021183122268	8021183122275	8021183122282	8021183122282	8021183122299	
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	1,32/5,28/6,16	3,23/7,09/7,92	2,75/9,86/11,73	2,73/9,23/11,73	3,52/14,07/15,83
Output power in heating mode (min/rated/max)				kW	1,50/6,01/6,31	2,79/8/8,56	2,78/10,3/12,61	2,78/10,1/12,84	4,11/15,24/17,59
Absorbed power in cooling mode (min/rated/max)				kW	0,36/1,59/2,13	0,75/2,19/2,86	0,93/3,01/4,3	0,89/2,83/4,2	0,81/4,5/6,45
Absorbed power in heating mode (min/rated/max)				kW	0,5/1,62/1,85	0,64/2/2,5	0,8/2,75/3,95	0,78/2,7/4	0,95/4,1/5,8
Current consumption in cooling mode (min/rated/max)				A	1,6/7,1/9,4	4,2/9,7/12,6	4,2/13,6/19	1,4/4,4/6,7	1,8/7/10,5
Current consumption in heating mode (min/rated/max)				A	2,2/7,2/8,1	3,8/9/11	3,5/12,2/17,5	1,3/4,3/6,4	2/7/1/9
EER					3,32	3,24	3,27	3,26	3,13
COP					3,72	3,99	3,73	3,75	3,72
Maximum power consumption in cooling mode				kW	2,95	3,7	5,0	5,0	7,3
Maximum power consumption in heating mode				kW	2,95	3,7	5,0	5,0	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	285	377	583	608	1377
Annual energy consumption in heating mode - Average season				kWh/year	1468	1867	2868	3080	4025
Annual energy consumption in heating mode - Warmer season				kWh/year	1427	1685	2745	2745	3075
Annual energy consumption in heating mode - Cold season				kWh/year	/	/	/	/	/
Dehumidification capacity				l/h	2,3	2,4	3,6	4,2	6,2
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,3	7,1	10,5	10,6	14,0	
	Heating / Average	Pdesignh	kW	4,3	5,6	8,4	8,8	11,5	
	Heating / Warmer	Pdesignh	kW	5,2	6,5	10	10	11,2	
	Heating / Colder	Pdesignh	kW	/	/	/	/	/	
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,5	6,6	6,3	6,1	6,1	
	Heating / Average	SCOP (A)		4,1	4,2	4,1	4,0	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)	53	56	62	62	65	
	Sound pressure (max/med/min/silence)		dB(A)	37/34/31/25	34/33/31/28	38/36/33/29	39/37/34/29	44/42/40/36	
	Air flow rate in cooling mode (max/med/min)		m³/h	900/780/650	1200/1000/700	1700/1400/1100	1700/1400/1100	2000/1700/1300	
	Air flow rate in heating mode (max/med/min)		m³/h	900/780/650	1200/1000/700	1700/1400/1100	1700/1400/1100	2000/1700/1300	
	Rated fan pressure		Pa	25	25	37	37	50	
	Fan pressure adjustment field		Pa	0-160	0-160	0-160	0-160	0-160	
	Degree of protection			/	/	/	/	/	
	Dimensions (WxHxD) (without packaging)		mm	700x245x750	1000x245x750	1200x245x750	1200x245x750	1200x245x750	
	Weight (without packaging)		kg	24,4	31,8	38,4	38,4	40,4	
	Dimensions (WxHxD) (with packaging)		mm	925x298x850	1225x304x860	1425x304x860	1425x304x860	1425x304x860	
	Weight (with packaging)		kg	29,0	37,2	44,4	44,4	46,8	
	Sound power (EN 12102)	LWA	dB(A)	62	69	70	70	73	
	Sound pressure		dB(A)	59	60	65	65	65	
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	105,0		
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	
	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	
	Global warming potential	GWP			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 4 mm2	5 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 mm2	4 x 1 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 measured under the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.5 metres below the internal unit to which standard ducting of 2 metres (supply) and 1 metre (return) are attached.

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.

BMS

HEAT PUMPS

FAN COIL UNITS

HRV

UNICO

MONO AND MULTISPLIT

PORTABLES

DEHUMIDIFIERS

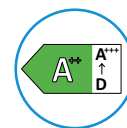
NEXYA COMMERCIAL CASSETTE [OS5+IS5]

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.

Condensaton 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.
- **Gearfunction:** 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 [DS5+ISS]	Nexya E Cassette 24 [OS5+ISS]	
INDOOR UNIT CODE				OS-K/SANCH18E1	OS-K/SANCH24E1	
INDOOR UNIT EAN CODE				8021183119336	8021183119343	
OUTDOOR UNIT CODE				OS-CANCH18E1	OS-CANCH24E1	
OUTDOOR UNIT EAN CODE				8021183119053	8021183119060	
Output power in cooling mode (min/rated/max)				kW	2,9/5,28/5,59	3,3/6,15/7,91
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)			
	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	830x250x830	
	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)			
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	
	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.

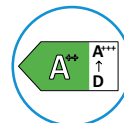
NEXYA COMMERCIAL CASSETTE [OS5/S6+IS5/S6]

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

		NEW Nexya E Cassette Compact 18 [OS6+IS6]		NEW Nexya E Cassette 24 [OS6+IS6]		Nexya E Cassette 36 [OS5+IS5]		Nexya E Cassette 36T [OS5+IS5]		NEW Nexya E Cassette 48T [OS6+IS6]					
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		0,9/2,98/4,2		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		285		394		549		589		1373			
Annual energy consumption in heating mode - Average season		kWh/year		1431		2117		2975		2870		3920			
Annual energy consumption in heating mode - Warmer season		kWh/year		1455		1633		2773		2773		3047			
Annual energy consumption in heating mode - Cold season		kWh/year		/		/		/		/		/			
Dehumidification capacity		l/h		2,3		2,4		3,35		3,66		5,35			
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		/		/		/		/		/			
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)		/		/		/		/		/			
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		25,4		31,2		31,2		31,2		33,5			
Sound power (EN 12102)		LWA		dB(A)		65		68		70		73			
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			
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			
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		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			
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.

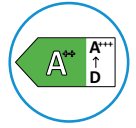
NEXYA COMMERCIAL CEILING [OS5+IS5]

Inverter mono-split air conditioners for large rooms



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.
- **Gearfunction:** 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 E Ceiling 24 [OS5+IS5]		
INDOOR UNIT CODE				OS-SANFH24EI		
INDOOR UNIT EAN CODE				8021183119206		
OUTDOOR UNIT CODE				OS-CANCH24EI		
OUTDOOR UNIT EAN CODE				8021183119060		
Output power in cooling mode (min/rated/max)				kW 3,22/6,804/7,77		
Output power in heating mode (min/rated/max)				kW 2,72/7,62/8,29		
Absorbed power in cooling mode (min/rated/max)				kW 0,747/2,062/2,93		
Absorbed power in heating mode (min/rated/max)				kW 0,65/2,05/2,85		
Current consumption in cooling mode (min/rated/max)				A 3,9/10,54/13,1		
Current consumption in heating mode (min/rated/max)				A 3,5/9,5/12,7		
EER				3,3		
COP				3,72		
Maximum power consumption in cooling mode				kW 3,7		
Maximum power consumption in heating mode				kW 3,7		
Energy efficiency class in cooling				A++		
Energy efficiency class in heating mode - Average season				A+		
Energy efficiency class in heating mode - Warmer season				A+++		
Energy efficiency class in heating mode - Cold season				/		
Energy consumption in cooling mode				kWh/year kWh/year 413		
Annual energy consumption in heating mode - Average season				kWh/year kWh/year 1925		
Annual energy consumption in heating mode - Warmer season				kWh/year kWh/year 1592		
Annual energy consumption in heating mode - Cold season				kWh/year /		
Dehumidification capacity				l/h 2,72		
DESIGN LOAD (EN 14825)	Cooling		Pdesignc	kW 7,2		
	Heating / Average		Pdesignh	kW 5,5		
	Heating / Warmer		Pdesignh	kW 5,8		
	Heating / Colder		Pdesignh	kW /		
SEASONAL EFFICIENCY (EN14825)	Cooling		SEER	6,1		
	Heating / Average		SCOP (A)	4		
	Heating / Warmer		SCOP (W)	5,1		
	Heating / Colder		SCOP (C)	/		
INDOOR UNIT	Sound power (EN 12102)		LWA	dB(A) 55		
	Sound pressure (max/med/min/silence)			dB(A) 49/46/43/-		
	Air flow rate in cooling mode (max/med/min)			m³/h 1192-1023-853		
	Air flow rate in heating mode (max/med/min)			m³/h 1192-1023-853		
	Degree of protection			/		
	Dimensions (WxHxD) (without packaging)			mm 1068x235x675		
	Weight (without packaging)			kg 28,0		
	Dimensions (WxHxD) (with packaging)			mm 1145x318x755		
	Weight (with packaging)			kg 33,1		
	OUTDOOR UNIT	Sound power (EN 12102)		LWA	dB(A) 66	
Sound pressure			dB(A) 60			
Air flow rate (max)			m³/h 3500			
Degree of protection			/			
Dimensions (WxHxD) (without packaging)			mm 890x673x342			
Weight (without packaging)			kg 43,9			
Dimensions (WxHxD) (with packaging)			mm 995x740x398			
Weight (with packaging)			kg 46,9			
COOLING CIRCUIT		Connecting liquid pipeline diameter		inch - mm	3/8" - 9,52	
		Connecting gas pipeline diameter		inch - mm	5/8" - 15,9	
	Maximum piping length		m	50		
	Maximum height difference		m	25		
	Covered piping length from pre-load		m	5		
	Piping recommended minimum length		m	3		
	Refrigerant increase (over 5 m of pipes)		g/m	24		
	Maximum operating pressure		MPa	4,3-1,7		
	Refrigerant gas*		Type Type	R32		
	Global warming potential		GWP	675		
Refrigerant gas charge		kg	1,5			
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	One Phase 220-240 / 1 / 50		
	Supply voltage outdoor unit		V/F/Hz	One Phase 220-240 / 1 / 50		
	Outdoor unit power supply connection		Pipes	3 x 2,5 mm2		
	Indoor - Outdoor unit connection		Pipes	4 x 1 mm2		
	Max Current		A	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 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.

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

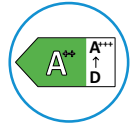
NEXYA COMMERCIAL CEILING [OS5/S6+IS5]

Inverter mono-split air conditioners for large rooms



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 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, 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.
- **Gearfunction:** 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.

				NEW		NEW		
				Nexya E Ceiling 18 [OS5+ISS]	Nexya E Ceiling 24 [OS6+ISS]	Nexya E Ceiling 36 [OS5+ISS]	Nexya E Ceiling 36T [OS5+ISS]	Nexya E Ceiling 48T [OS6+ISS]
INDOOR UNIT CODE				OS-SANFH18E1	OS-SANFH24E1	OS-SANFH36E1	OS-SANFH36E1	OS-SANFH48E1
INDOOR UNIT EAN CODE				8021183119190	8021183119206	8021183119213	8021183119213	8021183119220
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		2,71/5,275/5,86	3,22/6,80/7,95	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	2,72/7,62/8,50	2,78/11,723/12,78	2,81/11,714/12,78	4,1/16,12/17,59
Absorbed power in cooling mode (min/rated/max)		kW		0,67/1,45/2,03	0,75/2,06/2,73	0,9/3,058/4,25	0,89/3,103/4,3	0,91/5/6,2
Absorbed power in heating mode (min/rated/max)		kW		0,54/1,5/1,64	0,65/1,98/2,94	0,8/3,16/3,95	0,78/3,085/3,95	0,95/4,8/5,95
Current consumption in cooling mode (min/rated/max)		A		3,2/6/9	3,9/9,1/12,1	4,2/17/19	1,4/6,3/6,8	2,1/7,6/9,6
Current consumption in heating mode (min/rated/max)		A		2,7/6,6/7,3	3,5/8,7/10,6	3,5/15/17,5	1,3/5,4/6,2	2,2/7,4/9,2
EER				3,64	3,3	3,31	3,25	2,81
COP				3,71	3,85	3,71	3,8	3,36
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	305	394	574	592	1377
Annual energy consumption in heating mode - Average season		kWh/year	kWh/year	1400	2015	2937	3010	3920
Annual energy consumption in heating mode - Warmer season		kWh/year	kWh/year	1400	1478	2800	2745	3157
Annual energy consumption in heating mode - Cold season		kWh/year	kWh/year	/	/	/	/	/
Dehumidification capacity		l/h		1,78	2,72	3,28	4,19	5,5
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	5,4	7,1	10,5	10,5	14,0
	Heating / Average	Pdesignh	kW	4	5,9	8,6	8,6	11,2
	Heating / Warmer	Pdesignh	kW	5,1	5,7	10,2	10	11,5
	Heating / Colder	Pdesignh	kW	/	/	/	/	/
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,2	6,3	6,2	6,2	6,1
	Heating / Average	SCOP (A)		4	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)	57	63	64	64	68
	Sound pressure		dB(A)	43/41/36/-	50/46/37/23	50/48/44/-	50/47/44/-	51/49/43/35
	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	48,0	48,0	48,5
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	65	69	68	70
Sound pressure			dB(A)	59	61	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	80,5	90,0
Dimensions (WxHxD) (with packaging)			mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1145x1080x500
Weight (with packaging)			kg	35,2	45,2	71,5	85,0	105,0
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
	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
ELECTRICAL CONNECTIONS	Refrigerant gas charge		kg	1,15	1,4	2,4	2,4	2,9
	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 mm2	4 x 1 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

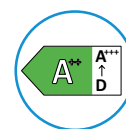
The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice. Dehumidification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

NEXYA MULTI WALL [OS4/S5+IS4]



HIGH EFFICIENCY

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



AIR QUALITY TECH

The treated air is purified with anti-dust filters, activated carbon and cold catalytic filters to remove impurities.



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

High energy efficiency inverter technology with low GWP R32 refrigerant.

Available in dual, trial, quadruple and quintuple versions, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall-mounted units by selecting the right size based on the thermal load of the system.

Golden Fin treatment on the external unit battery, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

FUNCTIONS

- **Cooling, heating, dehumidification and ventilation**
- **Timer, Auto, Sleep and Turbo functions**
- **Follow Me function:** precise temperature detection in the point where the remote control is located.
- **Swing function:** flap oscillation for better air diffusion in the environment.
- **Auto-Restart function:** after a power failure, it restarts at the last function set.
- **Self-Diagnosis function:** in the event of a failure, the display shows the error code.

TECHNICAL DATA

		IDU Nexya S4 E Inverter 9	IDU Nexya S4 E Inverter 12	IDU Nexya S4 E inverter 18	
INDOOR UNIT CODE		OS-SENEH09E1	OS-SENEH12E1	OS-SENEH18E1	
EAN CODE		8021183114928	8021183114935	8021183114942	
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50	
Cooling	kW (Nom)	2,64	3,52	5,27	
Heating	kW (Nom)	2,93	3,81	4,97	
Indoor unit	Dimensions (WxHxD) (without packaging)	mm	805x285x194	805x285x194	957x302x213
	Weight (without packaging)	kg	7,5	7,5	10,0
	Dimensions (WxHxD) (with packaging)	mm	870x360x270	870x360x270	1035x385x295
	Weight (with packaging)	kg	9,7	9,7	13,0
	Air flow rate (min/rated/max)	m³/h	340-460-520	360-500-600	340-460-520
	Sound pressure (silent/min/med/max)	dB(A)	21-26-30-40	22-26-34-40	21-26-30-40
Piping dimensions	Sound power level Max (EN 12102)	dB(A)	54	54	55
	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17/+32	+17/+32	+17/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	0/+30	0/+30

The declared data relate to the conditions envisaged 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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free space, measuring device positioned at a distance of 1 meter and 0,8 meters below the indoor unit.

TECHNICAL DATA			ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42
OUTDOOR UNIT CODE			OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI
EAN CODE			8021183119107	8021183119114	8021183119121	8021183116052	8021183119138
Electrical power supply		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
Cooling	Capacity (min / rated / max)	kW	1,76-4,09-4,91	2,12-5,28-6,41	2,48-6,2-7,44	2-8,2-9,9	4,18-12,8-14
	Absorbed power (Nom/Min-Max)	kW	1,07(0,38-1,34)	1,38(0,54-2,05)	1,73(0,62-2,16)	2,54(0,89-3,18)	3,97(1,03-4,57)
	Current consumption (Nom/Min-Max)	A	4,62(1,64-5,77)	5,94(2,32-8,82)	7,45(2,67-9,3)	11,3(3,9-14,1)	17,09(4,43-19,67)
	Theoretical Load (PdesignC)	kW	4,1	5,3	6,2	8,2	12,3
	SEER		6,7	6,9	6,8	6,1	6,3
	Energy efficiency class		A++	A++	A++	A++	A++
	Annual energy consumption	kWh/A	214	266	319	470	711
	Capacity (min / rated / max)	kW	1,91-4,44-5,33	2,23-5,62-6,68	2,20-6,29-7,55	2,3-8,8-10,6	4,18-12,89-14,94
Heating	Absorbed power (Nom/Min-Max)	kW	1,02(0,36-1,28)	1,37(0,51-1,88)	1,43(0,51-1,78)	2,2(0,77-2,75)	3,26(0,9-4,14)
	Current consumption (Nom/Min-Max)	A	4,39(1,55-5,51)	5,90(2,2-8,09)	6,16(2,2-7,66)	9,8(3,4-12,2)	14,03(3,87-17,82)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	3,6-4	4,5-5	5,3-5,9	6,5-6,9	9,9-9,3
	Scop (average climate - warmer climate)		3,9-5,9	4,3-5,3	4-5,4	3,8-4,6	3,7-5
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A/A+++	A+/A+++	A/A+++	A/A++	A/A++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1302-962	1467-1333	1889-1525	2395-2100	3772-2588
	Energy efficiency E.E.R./C.O.P.	W/W	3,81/4,34	3,82/4,10	3,58/4,41	3,23/4,00	3,23/3,95
	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
Outdoor unit	Weight (without packaging)	kg	31,6	35,0	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38,0	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	56	58	61	64
	Sound power level (max)	dB(A)	65	65	66	67	69
	Compressor Type		rotary	rotary	rotary	rotary	rotary
	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
Dimensions and limitations of the cooling circuit	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	Covered piping length from pre-load	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	80	80
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	35	35
	Increase of Refrigerant	g/m	12	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position that indoor units)	m	15	15	15	15	15
	Difference in level (Max) (outdoor unit in lower position that indoor units)	m	15	15	15	15	15
Refrigerant fluid	Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	10
	Refrigerant gas *		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant gas charge	kg	1,1	1,25	1,5	2,1	2,9
Electrical connections	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
	Main power supply	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
	Max Power absorption	W	2750	3050	3910	4150	4700
Operational limits	Max Current	A	12	13	17	19	22
	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiasplesdid.it and to the energy labels of the specific combination (range between A+++ and D).

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. The sound pressure values

of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).

The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).

* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

NEW

NEXYA MULTI ALL-IN-ONE [OS5+IS4/S5]



FEATURES

Available in the quadruple version to air condition up to three rooms and produce domestic hot water.

The system is modular: systems can be designed using internal wall units by selecting the right size based on the thermal load of the system.

Heat recovery: during the operation of the internal units in cooling mode, the heat normally expelled by the external unit is used to produce domestic hot water in the storage tank.

Easy to install: the tank is connected like an internal unit and the external unit is similar to that of a Multi-Split one.

Effective in all conditions: operation from -15°C to +43°C and hot water up to 55°C (with electric heating element up to 70°C).

Can be interfaced with BMS system

Integrated Wi-Fi with App OS Comfort both for the internal wall-mounted unit (with USB stick included in the packaging) and for the boiler (already integrated), with separate management

Golden Fin anti-corrosion treatment on the external unit battery

STORAGE TANK FEATURES

190-litre enamelled steel tank

Tank with **direct expansion exchanger** and **2 kW integrative electric heating** element

Electric heating element with independent control to always ensure domestic hot water even in the event of a system failure.

Micro-channel heat transfer technology: the contact area between the heat exchanger and the water tank is greater than traditional systems.

Dual temperature sensors: more accurate control of the water temperature, both in the upper and lower part of the tank.

Weekly disinfection cycle

ALL-IN-ONE SYSTEM

The Multi-Split air conditioner that not only cools and heats your home, but also produces domestic hot water.



HEAT RECOVERY

During cooling operation, it is possible to recover energy to produce domestic hot water, thus increasing the efficiency of the system.



HIGH EFFICIENCY

Maximum technological efficiency, to reach up to class A++ in cooling mode (range between A+++ and D) and A+ in DHW production mode (range between A+ and F)



SIMPLE AND FLEXIBLE

Ideal for easily managing the entire air conditioning and ACS system in full-electric mode (alternative to the traditional gas system) in two-room or three-room flats, whether renovated or newly built.



FUNCTIONS

Internal wall units:

Cooling, heating, dehumidification and ventilation
Timer, Auto, Sleep and Turbo functions
Follow Me, Swing, Auto-Restart and Self-Diagnosis functions

Internal storage tank unit:

Vacation, Hybrid, E-Heater, Economy and Smart Mode
Intelligent management of electricity (partial or total heat recovery, photovoltaic and Smart Grid)

Thermal insulation in polyurethane rigid foam (PU) thickness 42 mm

External coating in cyclopentane polyurethane material.

ON-OFF contact to start the boiler from an external switch

Safety valve for combined pressure and temperature as standard (10 bar; 99°C)

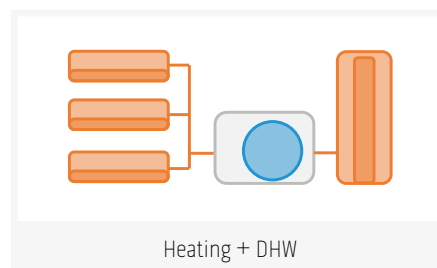
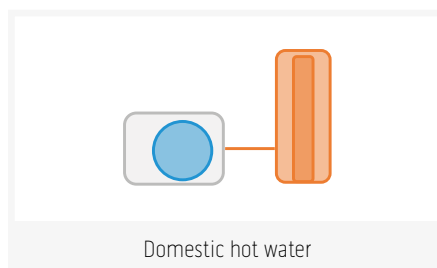
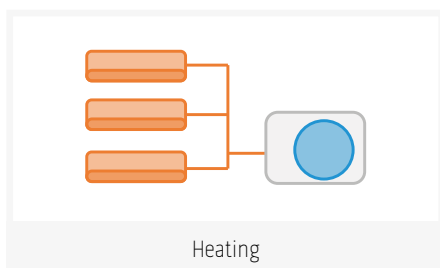
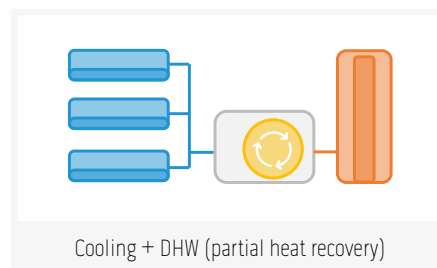
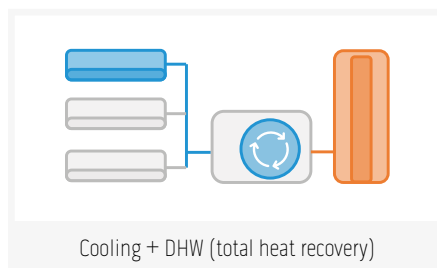
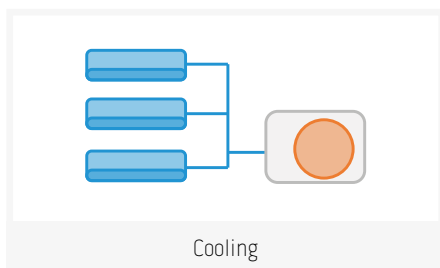
Electronic expansion valve or precise control

Daily and weekly Timer

Domestic expansion vessel not included and to be provided by the installer

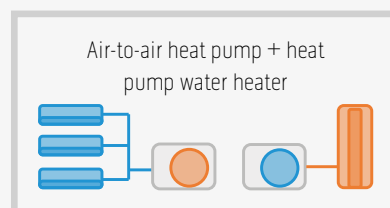
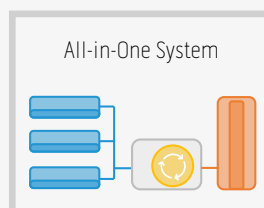


OPERATING MODES



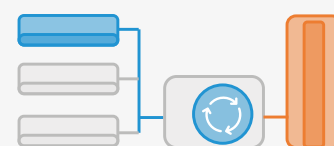
Everything you need in a single system

Managing annual climate comfort and domestic hot water production with a single system allows you to simplify your home system, limit space and reduce energy consumption, increasing efficiency.



Increased efficiency, thanks to heat recovery

Compared to traditional air conditioning and DHW production systems (separate management), parallel operation allows – in cooling mode – to recover the heat normally expelled by the external unit for producing DHW in the storage tank. Heat recovery can be total or partial, depending on the thermal power required by the boiler and the number of internal units active in providing climate comfort.



NEW

TECHNICAL DATA			ODU Nexya WHR SS E Quadri Inverter Z7
OUTDOOR UNIT CODE			OS-CEMAH27E1
EAN CODE			8021183122213
Electrical power supply		V/F/Hz	One Phase 220-240 / 1 / 50
Cooling	Capacity (min / rated / max)	kW	2,35-7,83-8,62
	Absorbed power (Nom/Min-Max)	kW	2,29(0,34-2,75)
	Current consumption (Nom/Min-Max)	A	10,7(1,1-12,6)
	Theoretical Load (PdesignC)	kW	7,8
	SEER		6,3
	Energy efficiency class		A++
	Annual energy consumption	kWh/A	435
Heating	Capacity (min / rated / max)	kW	2,45-8,15-8,97
	Absorbed power (Nom/Min-Max)	kW	2,02(0,3-2,43)
	Current consumption (Nom/Min-Max)	A	9,6(1,5-13)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	6,3-6,6
	Scop (average climate - warmer climate)		4,0-5,1
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++
	Annual energy consumption (average climate - warmer climate)	kWh/A	2199-1814
Energy efficiency E.E.R./C.O.P.		W/W	3,42/4,03
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	946x810x410
	Weight (without packaging)	kg	64,3
	Dimensions (WxHxD) (with packaging)	mm	1090x885x500
	Weight (with packaging)	kg	68,6
	Air flow rate	m³/h	4000
	Sound pressure (max)	dB(A)	61
	Sound power level (max)	dB(A)	69
Compressor Type			rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	4x6,35
	Diameter of tube in gas connection line	mm	3x9,52+1x12,7
	Covered piping length from pre-load	m	15
	Piping recommended minimum length	m	3
	Piping Equivalent length (max)	m	80
	Piping Equivalent max. length (single branch of piping)	m	35
	Increase of Refrigerant	g/m	20
	Difference in level (Max) (outdoor unit in higher position than indoor units)	m	15
Difference in level (Max) (outdoor unit in lower position than indoor units)	m	15	
Difference in level (Max) (elevation difference between indoor units)	m	10	
Refrigerant fluid	Refrigerant gas *		R32
	GWP		675
	Refrigerant gas charge	kg	1,8
	Maximum operating pressure	MPa	4,3/1,7
Electrical connections	Main power supply	V/F/Hz	One Phase 220-240 / 1 / 50
	Max Power absorption	W	5300
	Max Current	A	23,5
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiasplesnid.it and to the energy labels of the specific combination (range between A+++ and D).

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.

The sound pressure values of the Nexya SS range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1 metres (external unit).

* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

TECHNICAL DATA		IDU Nexya S4 E Inverter 9	IDU Nexya S4 E Inverter 12	IDU Nexya S4 E inverter 18
INDOOR UNIT CODE		OS-SENEH09E1	OS-SENEH12E1	OS-SENEH18E1
EAN CODE		8021183114928	8021183114935	8021183114942
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Cooling	kW (Nom)	2,64	3,52	5,27
Heating	kW (Nom)	2,93	3,81	4,97
Indoor unit	Dimensions (WxHxD) (without packaging)	mm	805x285x194	805x285x194
	Weight (without packaging)	kg	7,5	7,5
	Dimensions (WxHxD) (with packaging)	mm	870x360x270	870x360x270
	Weight (with packaging)	kg	9,7	9,7
	Air flow rate (min/rated/max)	m³/h	340-460-520	360-500-600
	Sound pressure (silent/min/med/max)	dB(A)	21-26-30-40	22-26-34-40
	Sound power level Max (EN 12102)	dB(A)	54	54
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+17/+32	+17/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	0/+30

The declared data relate to the conditions envisaged 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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free space, measuring device positioned at a distance of 1 meter and 0,8 meters below the indoor unit.

NEW

TECHNICAL DATA		IDU Nexya DHW S5 E 190		
INDOOR UNIT CODE		02589		
EAN CODE		8021183025897		
Tank features		Enamelled steel		
Tank protection from corrosion		Magnesium anode		
Electrical power supply	V/F/Hz	One Phase 220-240 / 1 / 50		
Nominal tank volume	l	190		
DHW (EN 16147:2017)	Domestic hot water temperature setting	Tset	°C	52
	Domestic hot water reference temperature	θ _{wh}	°C	52,6
	COP _{dhw} (EN16147: A7/W52)	medium area		2,62
	COP _{dhw} (EN16147: A14/W52)	hot area		2,94
	Water heating energy efficiency (area: EU average 812/2013)	η _{WH}	%	128
	Maximum volume of mixed water at 40	V _{max}	l	240
	Declared load profile (UNI EN 16147)			L
	Energy class			A+
	Heating time	time	h:min	02:30:00
	Maximum water temperature (without/with electric heater)		°C	55/70
	Energy absorbed during heating time	Weh	kWh	2,9
	Power consumption in standby	Pes	W	50
	Sound pressure of the external unit		dB(A)	-
		dB(A)	64	
Nominal pressure of the domestic hot water boiler		Mpa	1	
Dimensions	Dimensions (WxHxD) (without packaging)	mm	504 x 1660 x 574	
	Weight (without packaging)	kg	70	
	Dimensions (WxHxD) (with packaging)	mm	690 x 1860 x 690	
	Weight (with packaging)	kg	92	
Electric heating element power cable			2 + EARTH	
	Section of the electric heating element power cable	mm²	1,5	
	Electric resistance	kW / A	2,0 / 9,1	
	Communication cable between the tank and the external unit	mm²	1x3 + EARTH	
Dimensions and limitations of the cooling circuit	Diameter of the pipes (Liq. / Gas)	mm (inch)	6,35 (1/4") / 9,52 (3/8")	
	Maximum length for an internal unit	m	20	
	Minimum total piping length	m	5	
	Maximum difference in height between the internal and external units	m	15	
	Maximum difference in height between the internal units	m	10	
	Diameter of connections on the bathroom fixtures	inch	RC3/4"	
Operational limits	External air temperature (Min-Max)	°C	-15 ~ +43	
	Domestic hot water set point temperature (Min-Max) - without electric heating element	°C	38 - 55	
	Domestic hot water set point temperature (Min-Max) - with electric heating element	°C	38 - 70	

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

NEXYA MULTI DUCT [OS4/S5+IS5]



SLIM DESIGN

The range is characterised by its small dimensions (Height from 210 mm)



AUTOMATIC SETTING OF THE AIR FLOW RATE

The system adapts automatically according to the ducts connected to the unit.



DIGITAL DISPLAY

Display on the outside of the internal unit to guaranteed the best signal reception from the remote control.



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

High energy efficiency inverter technology with low GWP R32 refrigerant.

Available in dual, triad, quadruple and quintuple versions, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall-mounted units by selecting the right size based on the thermal load of the system.

Automatic setting of the air flow rate

Innovative automatic setting function of the air flow rate, so as to automatically adapt the system according to the ducts connected to the unit.

Reversible Air Extraction

The air extraction duct can be moved from the rear part of the product (standard configuration) to the lower part of the same, by replacing a sheet metal panel. Thus, it is possible to make the product suitable for any installation condition.

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.

Condensation Lifting Pump

The internal units are equipped with a condensation lifting pump (with the exception of sizes 9 and 12).

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 status 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 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, Sleep and Turbo functions**
- **24h timer:** to program the switching on and off.
- **Anti-dust filter:** to capture dust and pollen.
- **Follow Me function:** precise detection of the temperature at the point where the remote control is located.
- **Auto-Restart function:** after a blackout, it restarts at the last function set.

TECHNICAL DATA		IDU Nexya S5 E Duct 9	IDU Nexya S5 E Duct 18
INDOOR UNIT CODE		OS-SANDH09EI	OS-SANDH18EI
EAN CODE		8021183121018	8021183119152
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50
Cooling	kW (Nom)	2,64	5,28
Heating	kW (Nom)	2,93	5,57
Indoor unit	Dimensions (WxHxD) (without packaging)	MM	700x200x506
	Weight (without packaging)	kg	17,8
	Dimensions (WxHxD) (with packaging)	mm	860x285x540
	Weight (with packaging)	kg	21,5
	Air flow rate (min/rated/max)	m³/h	230-340-500
	Sound pressure (min/rated/max)	dB(A)	28-34-40
	Sound power level Max (EN 12102)	dB(A)	58
	Fan pressure	Pa	25
Fan pressure adjustment field	Pa	0-40	0-100
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+16/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30

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. The sound pressure values of the Duct S5 range are at the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.5 meters below the internal unit to which are applied standard ducts with a length of 2 meters (delivery) and 1 meter (return).

TECHNICAL DATA		ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42	
OUTDOOR UNIT CODE		OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI	
EAN CODE		8021183119107	8021183119114	8021183119121	8021183116052	8021183119138	
Cooling	Electrical power supply	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	
	Capacity (min / rated / max)	kW	1,81-4,22-5,06	2,12-5,5-6,41	2,54-6,35-7,62	2,82-8,05-9,74	4,18-12,59-14
	Absorbed power (Nom/Min-Max)	kW	1,09(0,38-1,37)	1,55(0,54-2,05)	1,84(0,66-2,30)	2,21(0,75-2,76)	3,86(1,11-4,92)
	Current consumption (Nom/Min-Max)	A	5,47(1,64-5,9)	6,67(2,32-8,82)	7,92(2,84-9,9)	9,51(3,23-11,88)	16,61(4,78-21,18)
	Theoretical Load (PdesignC)	kW	4,1	5,3	6,2	8	12,3
	SEER		6,7	6,7	6,4	6,3	6,2
	Energy efficiency class		A++	A++	A++	A++	A++
	Annual energy consumption	kWh/A	222	289	348	447	714
Heating	Capacity (min / rated / max)	kW	1,92-4,47-5,37	2,23-5,57-6,68	2,25-6,42-7,7	2,90-8,30-10,04	4,19-13,45-14,96
	Absorbed power (Nom/Min-Max)	kW	1,01(0,35-1,26)	1,35(0,51-1,88)	1,35(0,49-1,69)	1,91(0,65-2,39)	3,18(0,9-4,15)
	Current consumption (Nom/Min-Max)	A	4,35(1,51-5,42)	5,81(2,2-8,09)	5,81(2,11-7,27)	8,22(2,80-10,29)	13,69(3,87-17,86)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4,1-4	4,5-5	5,4-6	6,4-7,1	10,4-9,3
	Scop (average climate - warmer climate)		4,3-5,2	4,4-5	4,1-5,4	4,1-4,8	4-4,9
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++	A+/A++	A+/A+++	A+/A++	A/A++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1335-1093	1434-1379	1872-1550	2205-2046	3657-2665
	Energy efficiency E.E.R./C.O.P.	W/W	3,87/4,44	3,56/4,12	3,45/4,75	3,64/4,34	3,26/4,23
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35,0	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38,0	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	56	58	61	64
	Sound power level (max)	dB(A)	65	65	66	67	69
	Compressor Type		rotary	rotary	rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	Covered piping length from pre-load	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	80	80
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	35	35
	Increase of Refrigerant	g/m	12	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position that indoor units)	m	15	15	15	15	15
Refrigerant fluid	Difference in level (Max) (outdoor unit in lower position that indoor units)	m	15	15	15	15	15
	Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	10
	Refrigerant gas *		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
Electrical connections	Refrigerant gas charge	kg	1,1	1,25	1,5	2,1	2,9
	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
	Main power supply	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
Operational limits	Max Power absorption	W	2750	3050	3910	4150	4700
	Max Current	A	12	13	17	19	22
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiaspplendid.it and to the energy labels of the specific combination (range between A+++ and D).

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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).

The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).

* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

NEXYA MULTI DUCT [OS4/S5+IS6]



SLIM DESIGN

The range is characterised by its small dimensions and easier installation



AUTOMATIC SETTING OF THE AIR FLOW RATE

The system adapts automatically according to the ducts connected to the unit.



DIGITAL DISPLAY

Display on the outside of the internal unit to guaranteed the best signal reception from the remote control.



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

High energy efficiency inverter technology with low GWP R32 refrigerant.

Available in dual, trial, quadruple and quintuple versions, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall-mounted units by selecting the right size based on the thermal load of the system.

Automatic setting of the air flow rate

Innovative automatic setting function of the air flow rate, so as to automatically adapt the system according to the ducts connected to the unit.

Reversible Air Extraction

The air extraction duct can be moved from the rear part of the product (standard configuration) to the lower part of the same, by replacing a sheet metal panel. Thus, it is possible to make the product suitable for any installation condition.

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.

Condensation Lifting Pump

The internal units are equipped with a condensation lifting pump (with the exception of sizes 9 and 12).

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 status 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 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, Sleep and Turbo functions**
- **24h timer:** to program the switching on and off.
- **Anti-dust filter:** to capture dust and pollen.
- **Follow Me function:** precise detection of the temperature at the point where the remote control is located.
- **Auto-Restart function:** after a blackout, it restarts at the last function set.

TECHNICAL DATA		NEW			
		IDU Nexya S6 E Duct 9	IDU Nexya S6 E Duct 12	IDU Nexya S6 E Duct 18	
INDOOR UNIT CODE		OS-SEDAH09E1	OS-SEDAH12E1	OS-SEDAH18E1	
EAN CODE		8021183122244	8021183122251	8021183122268	
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50	
Cooling	kW (Nom)	2,64	3,52	5,28	
Heating	kW (Nom)	2,93	3,81	5,57	
Indoor unit	Dimensions (WxHxD) (without packaging)	MM	700x200x450	700x200x450	700x245x750
	Weight (without packaging)	kg	16,6	16,6	24,4
	Dimensions (WxHxD) (with packaging)	mm	860x285x540	860x285x540	925x298x850
	Weight (with packaging)	kg	19,8	19,8	29,0
	Air flow rate (min/rated/max)	m³/h	450-540-620	470-570-660	650-780-900
	Sound pressure (min/rated/max)	dB(A)	31-33-35	31-33-35	31-34-37
	Sound power level Max (EN 12102)	dB(A)	52	52	53
	Fan pressure	Pa	25	25	25
	Fan pressure adjustment field	Pa	0-80	0-100	0-160
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.S.	+16/+32	+16/+32	+16/+32
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	0/+30	0/+30

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. The sound pressure values of the Duct S5 range are at the following conditions: in semi-anechoic chamber, unit positioned in a free space, measuring device positioned 1.5 meters below the internal unit to which are applied standard ducts with a length of 2 meters (delivery) and 1 meter (return).

TECHNICAL DATA		ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42	
OUTDOOR UNIT CODE		OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI	
EAN CODE		8021183119107	8021183119114	8021183119121	8021183116052	8021183119138	
Electrical power supply		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	
Cooling	Capacity (min / rated / max)	kW	1,22-4,08-4,48	1,67-5,58-6,14	1,87-6,23-6,85	2,45-8,16-8,97	3,70-12,35-13,58
	Absorbed power (Nom/Min-Max)	kW	1,26(0,19-1,52)	1,6(0,24-1,92)	1,65(0,25-1,98)	2,35(0,35-2,82)	4,06(0,61-4,87)
	Current consumption (Nom/Min-Max)	A	5,32(0,41-6,49)	6,75(0,52-8,19)	6,96(0,54-8,44)	9,91(0,77-12,02)	17,11(1,32-20,74)
	Theoretical Load (PdesignC)	kW	4,1	5,6	6,2	8,2	12,4
	SEER		6,1	6,5	6,4	6	6,1
	Energy efficiency class		A++	A++	A++	A+	A++
	Annual energy consumption	kWh/A	234	301	340	473	1209
Heating	Capacity (min / rated / max)	kW	1,32-4,39-4,83	1,76-5,87-6,45	1,92-6,42-7,06	2,61-8,70-9,57	3,7-12,33-13,57
	Absorbed power (Nom/Min-Max)	kW	0,94(0,14-1,12)	1,45(0,22-1,74)	1,32(0,2-1,59)	2,02(0,3-2,42)	3,28(0,49-3,94)
	Current consumption (Nom/Min-Max)	A	3,95(0,31-4,79)	6,1(0,47-7,4)	5,59(0,43-6,77)	8,51(0,66-10,31)	13,85(1,07-16,79)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	3,9-4,1	4,6-5	5,1-5,4	6,1-7,6	9,5-10,6
	Scop (average climate - warmer climate)		4,2-5,5	4-5,1	4,2-5,3	4,1-4,9	3,5-4,6
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++	A+/A+++	A+/A+++	A+/A+++	A/A++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1308-1037	1610-1372	1688-1414	2056-2169	3764-3217
Energy efficiency E.E.R./C.O.P.		W/W	3,23/4,67	3,49/4,05	3,78/4,86	3,47/4,31	3,04/3,76
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	54	58	61	64
	Sound power level (max)	dB(A)	65	65	67	69	71
Compressor Type			rotary	rotary	rotary	rotary	
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	Covered piping length from pre-load	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	80	80
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	35	35
	Increase of Refrigerant	g/m	12	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position than indoor units)	m	15	15	15	15	15
	Difference in level (Max) (outdoor unit in lower position than indoor units)	m	15	15	15	15	15
	Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	10
Refrigerant fluid	Refrigerant gas *		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant gas charge	kg	1,1	1,25	1,5	2,1	2,9
	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
Electrical connections	Main power supply	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
	Max Power absorption	W	2750	3050	3910	4150	4700
	Max Current	A	12	13	17	19	22
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiasplesid.it and to the energy labels of the specific combination (range between A+++ and D).

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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).

The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).

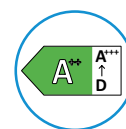
* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

NEXYA MULTI CASSETTE [OS4/S5+IS5]



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.



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

High energy efficiency inverter technology with low GWP R32 refrigerant

Available in dual, tripl, quadruple and quintuple versions, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall units by selecting the right size based on the thermal load of the system.

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.

Condensation lifting pump

The internal units are equipped with a condensation lifting 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.

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 installations in coastal areas or in particularly humid areas, thanks to its excellent anti-corrosion performance. 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, Sleep and Turbo functions**
- **24h 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.
- **Anti-dust filter:** to capture dust and pollen.

TECHNICAL DATA

		IDU Nexya S5 E Cassette Compact 9	IDU Nexya S5 E Cassette Compact 12	IDU Nexya S5 E Cassette Compact 18
INDOOR UNIT CODE		OS-K/SANCH09E1	OS-K/SANCH12E1	OS-K/SANCH18E1
EAN CODE		8021183121070	8021183119329	8021183119336
Electrical power supply	V/F/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Cooling	kW (Nom)	2,64	3,52	5,28
Heating	kW (Nom)	2,93	3,81	5,57
Indoor unit	Dimensions (WxHxD) (without packaging)	mm 570x260x570	570x260x570	570x260x570
	Weight (without packaging)	kg 14,5	16,3	16,0
	Dimensions (WxHxD) (with packaging)	mm 640x295x675	655x290x655	662x317x662
	Weight (with packaging)	kg 17,3	20,4	20,6
	Air flow rate (min/rated/max)	m³/h 450-500-580	420-510-620	500-620-720
	Sound pressure (min/rated/max)	dB(A) 29-33-38	33-36-41	35-39-43
Decorative Panel	Sound power level Max (EN 12102)	dB(A) 53	56	57
	Dimensions (WxHxD) (without packaging)	mm 647x50x647	647x50x647	647x50x647
	Weight (without packaging)	kg 2,5	2,5	2,5
	Dimensions (WxHxD) (with packaging)	mm 715x123x715	715x123x715	715x123x715
Piping dimensions	Weight (with packaging)	kg 4,5	4,5	4,5
	Diameter of tube in liquid connection line	inch - mm 1/4" - 6,35	1/4" - 6,35	1/4" - 6,35
Operational limits	Diameter of tube in gas connection line	inch - mm 3/8" - 9,52	3/8" - 9,52	1/2" - 12,7
	Indoor temperature in cooling (Min-Max)	°C B.U. +16/+32	+17/+32	+17/+32
	Indoor temperature in heating (Min-Max)	°C B.S. 0/+30	0/+30	0/+30

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. The sound pressure values of the Cassette S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1.4 metres below the internal unit.

TECHNICAL DATA			ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42
OUTDOOR UNIT CODE			OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI
EAN CODE			8021183119107	8021183119114	8021183119121	8021183116052	8021183119138
Cooling	Electrical power supply	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
	Capacity (min / rated / max)	kW	1,82-4,23-5,08	2,12-5,48-6,41	2,48-6,19-7,43	2,79-7,98-9,65	4,18-12,78-14
	Absorbed power (Nom/Min-Max)	kW	1,14(0,4-1,43)	1,51(0,54-2,05)	1,82(0,66-2,28)	2,17(0,74-2,71)	3,96(1,03-4,57)
	Current consumption (Nom/Min-Max)	A	4,91(1,72-6,16)	6,5(2,32-8,82)	7,83(2,84-9,81)	8,65(2,93-10,85)	17,05(4,43-19,67)
	Theoretical Load (PdesignC)	kW	4,1	5,3	6,2	8	12,3
	SEER		6,6	6,8	6,4	6,8	6,2
	Energy efficiency class		A++	A++	A++	A++	A++
	Annual energy consumption	kWh/A	226	284	338	412	720
Heating	Capacity (min / rated / max)	kW	1,89-4,4-5,28	2,32-5,55-6,68	2,21-6,31-7,57	2,84-8,12-9,82	4,19-12,77-14,96
	Absorbed power (Nom/Min-Max)	kW	1,04(0,37-1,31)	1,39(0,51-1,88)	1,44(0,52-1,80)	2,01(0,68-2,52)	3,43(0,9-4,15)
	Current consumption (Nom/Min-Max)	A	4,48(1,59-5,64)	5,98(2,20-8,09)	6,20(2,24-7,75)	8,65(2,93-10,85)	14,76(3,87-17,86)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	4-4	4,5-5	5,4-6	6,3-7,1	9,9-9,3
	Scop (average climate - warmer climate)		4,2-5,5	4,3-5,3	4,1-5,8	4-5,1	3,7-4,9
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A+/A+++	A+/A+++	A+/A+++	A/A++	A/A++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1328-1029	1462-1309	1848-1451	2209-1947	3809-2677
	Energy efficiency E.E.R./C.O.P.	W/W	3,71/4,21	3,62/4	3,40/4,39	3,67/4,03	3,23/3,72
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35,0	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38,0	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	56	58	61	64
	Sound power level (max)	dB(A)	65	65	66	67	69
	Compressor Type		rotary	rotary	rotary	rotary	rotary
Dimensions and limitations of the cooling circuit	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	Covered piping length from pre-load	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	80	80
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	35	35
	Increase of Refrigerant	g/m	12	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position that indoor units)	m	15	15	15	15	15
Refrigerant fluid	Difference in level (Max) (outdoor unit in lower position that indoor units)	m	15	15	15	15	15
	Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	10
	Refrigerant gas *		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
Electrical connections	Refrigerant gas charge	kg	1,1	1,25	1,5	2,1	2,9
	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
	Main power supply	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
Operational limits	Max Power absorption	W	2750	3050	3910	4150	4700
	Max Current	A	12	13	17	19	22
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiaspplendid.it and to the energy labels of the specific combination (range between A+++ and D).

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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).

The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).

* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

NEXYA MULTI CASSETTE [OS4/S5+IS6]



FEATURES

High energy efficiency inverter technology with low GWP R32 refrigerant **Available in dual, trial, quadruple and quintuple versions**, to air condition up to five rooms using a single external motor.

The system is modular: systems can be designed using internal wall units by selecting the right size based on the thermal load of the system.

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.

Condensation lifting pump

The internal units are equipped with a condensation lifting pump.

Remote ON-OFF

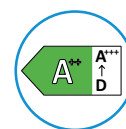
All units in the commercial line are fitted with terminals to control the remote switching on and off of the unit via an external device.

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.

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.



Hydrophilic Aluminium Coating

Suitable for installations in coastal areas or in particularly humid areas, thanks to its excellent anti-corrosion performance. 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, Sleep and Turbo functions**
- **24h 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.
- **Anti-dust filter:** to capture dust and pollen.

TECHNICAL DATA				NEW	NEW	NEW
				IDU Nexya S6 E Cassette Compact 9	IDU Nexya S6 E Cassette Compact 12	IDU Nexya S6 E Cassette Compact 18
INDOOR UNIT CODE			OS-K/SENAH09EI	OS-K/SENAH12EI	OS-K/SENAH18EI	
EAN CODE			8021183122305	8021183122329	8021183122343	
Electrical power supply	V/F/Hz		220-240/1/50	220-240/1/50	220-240/1/50	
Cooling	kW (Nom)		2,64	3,52	5,28	
Heating	kW (Nom)		2,93	3,81	5,57	
Indoor unit	Dimensions (WxHxD) (without packaging)	mm	570x245x570	570x245x570	570x245x570	
	Weight (without packaging)	kg	14,6	16,1	16,2	
	Dimensions (WxHxD) (with packaging)	mm	715x295x640	715x295x640	715x295x640	
	Weight (with packaging)	kg	17,5	18,8	19	
	Air flow rate (min/rated/max)	m³/h	400-460-500	330-520-620	300-540-660	
	Sound pressure (min/rated/max)	dB(A)	33-36-37	32-39-42	32-41-44	
	Sound power level Max (EN 12102)	dB(A)	52	55	59	
Decorative Panel	Dimensions (WxHxD) (without packaging)	mm	620x50x620	620x50x620	620x50x620	
	Weight (without packaging)	kg	2,7	2,7	2,7	
	Dimensions (WxHxD) (with packaging)	mm	715x115x700	715x115x700	715x115x700	
	Weight (with packaging)	kg	4,3	4,3	4,3	
Piping dimensions	Diameter of tube in liquid connection line	inch - mm	1/4" - 6,35	1/4" - 6,35	1/4" - 6,35	
	Diameter of tube in gas connection line	inch - mm	3/8" - 9,52	3/8" - 9,52	1/2" - 12,7	
Operational limits	Indoor temperature in cooling (Min-Max)	°C B.U.	+16/+32	+16/+32	+16/+32	
	Indoor temperature in heating (Min-Max)	°C B.S.	0/+30	0/+30	0/+30	

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.

The sound pressure values of the Cassette S6 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free space, measuring device positioned at a distance of 1.4 metres below the internal unit.

TECHNICAL DATA			ODU Nexya S5 E Dual Inverter 14	ODU Nexya S5 E Dual Inverter 18	ODU Nexya S5 E Trial Inverter 21	ODU Nexya S4 E Quadri Inverter 28	ODU Nexya S5 E Penta Inverter 42
OUTDOOR UNIT CODE			OS-CANMH14EI	OS-CANMH18EI	OS-CANMH21EI	OS-CEMYH28EI	OS-CANMH42EI
EAN CODE			8021183119107	8021183119114	8021183119121	8021183116052	8021183119138
Cooling	Electrical power supply	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
	Capacity (min / rated / max)	kW	1,23-4,11-4,52	1,58-5,26-5,78	1,85-6,20-6,77	2,47-8,23-9,05	3,69-12,31-13,54
	Absorbed power (Nom/Min-Max)	kW	1,21(0,18-1,46)	1,51(0,23-1,81)	1,85(0,28-2,23)	2,45(0,37-2,94)	4,18(0,63-5,02)
	Current consumption (Nom/Min-Max)	A	5,12(0,4-6,21)	5,57(0,43-6,75)	7,81(0,61-9,49)	10,34(0,8-12,54)	17,65(1,36-21,39)
	Theoretical Load (PdesignC)	kW	4,1	5,3	6,2	8,2	12,3
	SEER		6,5	6,7	6,4	6,9	5,7
	Energy efficiency class		A++	A++	A++	A++	A+
	Annual energy consumption	kWh/A	222	276	341	420	1292
Heating	Capacity (min / rated / max)	kW	1,33-4,44-4,88	1,68-5,58-6,14	1,93-6,46-7,11	2,63-8,76-9,63	3,69-12,31-13,54
	Absorbed power (Nom/Min-Max)	kW	1,19(0,18-1,39)	1,32(0,2-1,58)	1,74(0,28-2,20)	2,36(0,36-2,85)	3,12(0,47-3,75)
	Current consumption (Nom/Min-Max)	A	5,05(0,4-5,96)	5,57(0,43-6,75)	7,56(0,6-9,36)	10(0,77-12,13)	13,18(1,02-15,98)
	Theoretical Load (PdesignH) (average climate - warmer climate)	kW	3,9-4,1	4,3-5	5,1-5,1	6,4-6,3	9,5-10,1
	Scop (average climate - warmer climate)		3,9-5,2	4,1-5,4	4,1-5,1	4,0-5,1	3,9-5,2
	Energy efficiency class (average climate - warmer climate)	medium zone / hot zone	A/A+++	A+/A+++	A+/A+++	A+/A+++	A/A+++
	Annual energy consumption (average climate - warmer climate)	kWh/A	1407-1107	1476-1302	1730-1389	2208-1741	3416-2695
Energy efficiency E.E.R./C.O.P.	W/W	3,40/3,73	3,48/4,23	3,35/3,71	3,36/3,71	2,94/3,95	
Outdoor unit	Dimensions (WxHxD) (without packaging)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
	Weight (without packaging)	kg	31,6	35	43,3	62,1	74,1
	Dimensions (WxHxD) (with packaging)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x885x500
	Weight (with packaging)	kg	34,7	38	47,1	67,7	79,5
	Air flow rate	m³/h	2100	2100	3000	3800	3850
	Sound pressure (max)	dB(A)	56	54	58	61	64
	Sound power level (max)	dB(A)	65	65	67	69	71
Dimensions and limitations of the cooling circuit	Compressor Type		rotary	rotary	rotary	rotary	rotary
	Diameter of tube in liquid connection line	mm	2x6,35	2x6,35	3x6,35	4x6,35	5x6,35
	Diameter of tube in gas connection line	mm	2x9,52	2x9,52	3x9,52	3x9,52+1x12,7	4x9,52+1x12,7
	Covered piping length from pre-load	m	15	15	22,5	30	37,5
	Piping recommended minimum length	m	3	3	3	3	3
	Piping Equivalent length (max)	m	40	40	60	80	80
	Piping Equivalent max. length (single branch of piping)	m	25	25	30	35	35
	Increase of Refrigerant	g/m	12	12	12	12	12
	Difference in level (Max) (outdoor unit in higher position that indoor units)	m	15	15	15	15	15
	Difference in level (Max) (outdoor unit in lower position that indoor units)	m	15	15	15	15	15
Difference in level (Max) (elevation difference between indoor units)	m	10	10	10	10	10	
Refrigerant fluid	Refrigerant gas *		R32	R32	R32	R32	R32
	GWP		675	675	675	675	675
	Refrigerant gas charge	kg	1,1	1,25	1,5	2,1	2,9
	Maximum operating pressure	MPa	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7	4,3/1,7
Electrical connections	Main power supply	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
	Max Power absorption	W	2750	3050	3910	4150	4700
	Max Current	A	12	13	17	19	22
Operational limits	Outdoor temperature in cooling (Min-Max)	°C B.S.	-/+50	-/+50	-/+50	-/+50	-/+50
	Outdoor temperature in heating (Min-Max)	°C B.U.	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24

The declared data relate to the conditions envisaged in EN 14511, EN 14825 and EU Delegated Regulation 626/2011 for one of the combinations capable of expressing the highest energy class. For the energy class and performance of the individual combinations, refer to the selection tables on the website www.olimpiasplesid.it and to the energy labels of the specific combination (range between A+++ and D).

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. The sound pressure values of the Nexya S4 range are measured under the following conditions: ambient sound pressure level equal to 0 dB (pressure equal to 20Pa), unit positioned in free field conditions, measuring device positioned at a distance of 1.5 metres (external unit).

The sound pressure values of the Nexya S5 range are measured under the following conditions: in semi-anechoic chamber, unit positioned in free field conditions, measuring device positioned at a distance of 1 metre (external unit).

* Non hermetically sealed equipment containing fluorinated GAS with GWP equivalent to 675.

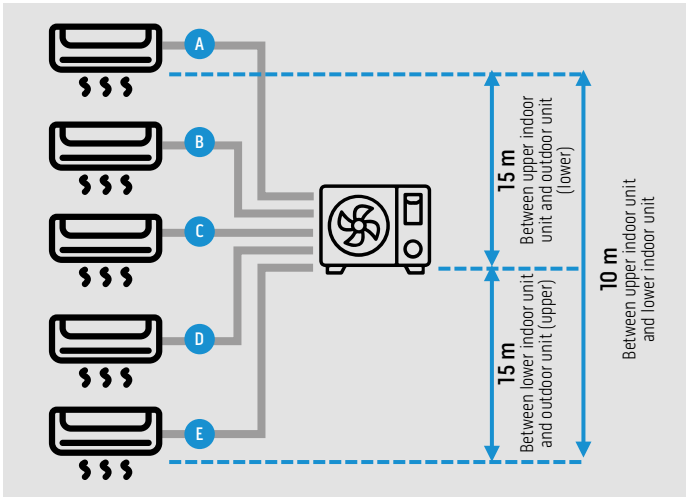
Combination chart



Download the complete combinations tables

The table shows the possible general combinations of Nexya Multisplit outdoor units. Depending on the specific models of internal units (wall, duct, cassette), always check the feasible combinations, also available on-line in the download area of the website Olimpiasplendid.it.

Installation of the multi-split pipes



Maximum distance single pipes Indoor unit to Outdoor unit

DUAL	TRIAL	QUADRI	PENTA
25 m	30 m	35 m	35 m

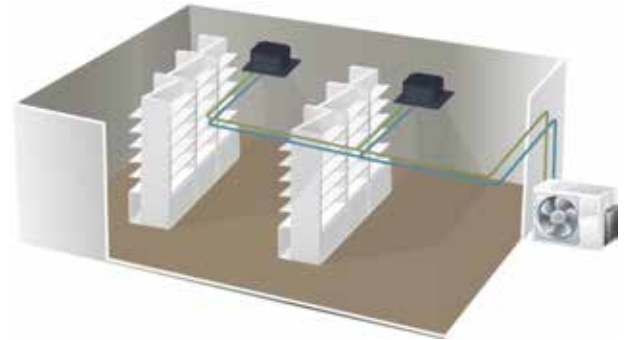
Total length A+B+C+D+E

DUAL	TRIAL	QUADRI	PENTA
40 m	60 m	80 m	80 m

Twin, Triple and Double Twin System

The ideal configurations for better air distribution, even in environments with large surfaces

The Twin, Triple and Double Twin systems allow connecting 2, 3 or 4 internal units of the same type and the same power to an external unit. These configurations, possible with the internal units of the Light Commercial range, are ideal for allowing uniform air distribution, even in environments with large surfaces. The control allows you to control the main unit while the others («slave units») follow its fan on/off settings, set point, operating mode and speed.



The Y-joints required for the Twin connection are not supplied by the manufacturer but are the responsibility of the installer. Additional installation information is available in the download area of the website Olimpiasplendid.com.

POSSIBLE COMBINATIONS

CONFIGURATION	OUTDOOR UNIT	INDOOR UNIT 1	INDOOR UNIT 2	INDOOR UNIT 3	INDOOR UNIT 4
TWIN	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S5 E CEILING 18 (OS-SANFH18E1)	UI NEXYA S5 E CEILING 18 (OS-SANFH18E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S5 E CEILING 18 (OS-SANFH18E1)	UI NEXYA S5 E CEILING 18 (OS-SANFH18E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 18 (OS-CANCH18E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	-	-
TWIN	UE NEXYA S6 E COMMERCIAL 24 (OS-CECAH24E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	-	-
TWIN	UE NEXYA S6 E COMMERCIAL 24 (OS-CECAH24E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S6 E CASSETTE COMPACT 18 (OS-K/SENAH18E1)	UI NEXYA S6 E CASSETTE COMPACT 18 (OS-K/SENAH18E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S6 E DUCT 18 (OS-SEDAH18E1)	UI NEXYA S6 E DUCT 18 (OS-SEDAH18E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S6 E CASSETTE COMPACT 18 (OS-K/SENAH18E1)	UI NEXYA S6 E CASSETTE COMPACT 18 (OS-K/SENAH18E1)	-	-
TWIN	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S6 E DUCT 18 (OS-SEDAH18E1)	UI NEXYA S6 E DUCT 18 (OS-SEDAH18E1)	-	-
TWIN	UE NEXYA S6 E COMMERCIAL 48T (OS-CECATH48E1)	UI NEXYA S6 E DUCT 24 (OS-SEDAH24E1)	UI NEXYA S6 E DUCT 24 (OS-SEDAH24E1)	-	-
TWIN	UE NEXYA S6 E COMMERCIAL 48T (OS-CECATH48E1)	UI NEXYA S5 E CASSETTE 24 (OS-K/SANCH24E1)	UI NEXYA S5 E CASSETTE 24 (OS-K/SANCH24E1)	-	-
TWIN	UE NEXYA S6 E COMMERCIAL 48T (OS-CECATH48E1)	UI NEXYA S5 E CEILING 24 (OS-SANFH24E1)	UI NEXYA S5 E CEILING 24 (OS-SANFH24E1)	-	-
TRIPLE	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	-
TRIPLE	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	-
TRIPLE	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	-
TRIPLE	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	-
DOUBLE TWIN	UE NEXYA S6 E COMMERCIAL 48T (OS-CECATH48E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)	UI NEXYA S6 E DUCT 12 (OS-SEDAH12E1)
DOUBLE TWIN	UE NEXYA S5 E COMMERCIAL 36 (OS-CANCH36E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)
DOUBLE TWIN	UE NEXYA S5 E COMMERCIAL 36T (OS-CANCHT36E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)	UI NEXYA S6 E CASSETTE COMPACT 9 (OS-K/SENAH09E1)
DOUBLE TWIN	UE NEXYA S6 E COMMERCIAL 48T (OS-CECATH48E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)	UI NEXYA S6 E CASSETTE COMPACT 12 (OS-K/SENAH12E1)

Accessories

B0969 4-wire wall-mounted remote control

Compatible with:

UI NEXYA ENERGY E	—
UI NEXYA S4E	—
UI NEXYA DUCT S5	○
UI NEXYA DUCT S6	○

UI NEXYA CASSETTE S5	○
UI NEXYA CASSETTE S6	○
UI NEXYA CEILING S5	○



B0970 Wi-Fi disc kit

Disc containing a special USB key for Wi-Fi integration. For wall/ceiling installation outside the internal unit.

Compatible with:

UI NEXYA ENERGY E	—
UI NEXYA S4 E	—
UI NEXYA DUCT S5	○
UI NEXYA DUCT S6	○

UI NEXYA CASSETTE S5	≤18
UI NEXYA CASSETTE S6	—
UI NEXYA CEILING S5	○



B1020 Wi-Fi key kit

USB key for Wi-Fi integration.

Compatible with:

UI NEXYA ENERGY E	●
UI NEXYA S4 E	●
UI NEXYA DUCT S5	—
UI NEXYA DUCT S6	—

UI NEXYA CASSETTE S5	≥24
UI NEXYA CASSETTE S6	○
UI NEXYA CEILING S5	—





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