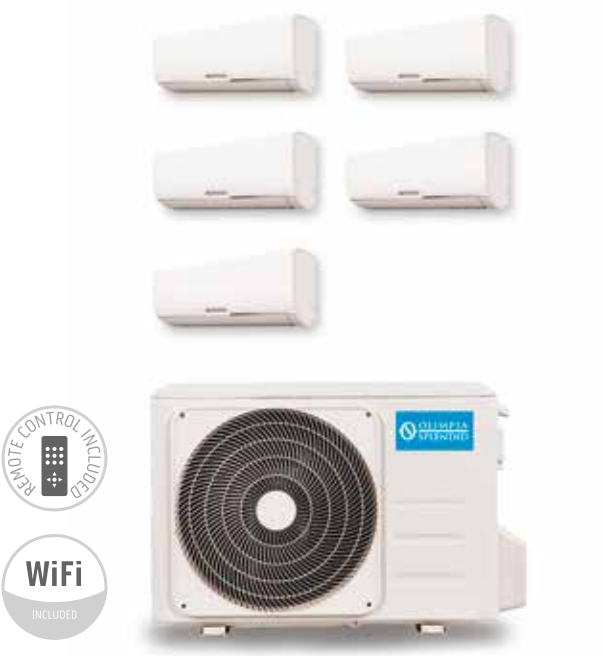
NEXYA MULTI WALL [OS4/S5+IS4]



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-SENEH09EI	OS-SENEH12EI	OS-SENEH18EI
	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
	Sound power level Max (EN 12102)	dB(A)	54	54	55
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.	+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
Heating	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
	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
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
	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.olimpiasplendid.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.