

NEXYA[®] S4 E INVERTER

The wall-mounted monosplit air conditioner



HIGH EFFICIENCY TECHNOLOGY

Class A+++ in cooling
Class A+ in heating



HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.



OLIMPIA SPLENDID INVERTER SYSTEM

The speed of the motors is constantly regulated according to the set temperature. Consumption is thus reduced by 30% compared to motors with traditional technology.



REMOTE CONTROL

You can set the desired comfort at the desired time with the remote control or through the specific App.



R32 GAS

Low-environmental impact GAS coolant

FUNCTIONS

Fan only mode

Dehumidification only mode

Auto mode: changes parameters depending on ambient temperature.

Sleep mode: gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.

Follow Me function: The ambient temperature sensor in the remote control is activated to allow for more faithful temperature detection.

Golden Fin anti-corrosion treatment, on the battery of the external unit for better protection.

				Nexya S4 E Inverter 9	Nexya S4 E Inverter 12	Nexya S4 E Inverter 18	Nexya S4 E Inverter 24
PRODUCT CODE				OS-C/SENEH09EI	OS-C/SENEH12EI	OS-C/SENEH18EI	OS-C/SENEH24EI
EAN CODE				8021183114874	8021183114881	8021183114898	8021183114911
Output power in cooling mode (1) (min / rated / max)			kW	0.91/2.64/3.11	1.11/3.52/4.16	1.82/5.28/6.13	2.08/7.03/7.95
Output power in heating mode (2) (min / rated / max)			kW	0.82/2.93/3.37	1.08/3.37/4.22	1.38/5.57/6.74	1.61/7.33/8.79
Absorbed power in cooling mode (1) (min / rated / max)			kW	0.1/0.710/1.240	0.13/1.237/1.580	0.14/1.921/2.360	0.16/2.345/2.96
Absorbed power in heating mode (2) (min / rated / max)			kW	0.12/0.739/1.2	0.100/0.908/1.580	0.2/1.546/2.410	0.26/2.035/3.14
Current consumption in cooling mode (1) (min / rated / max)			A	0.4/3.1/5.4	0.5/5.37/6.9	0.6/8.4/10.3	0.7/10.2/13.3
Current consumption in heating mode (2) (min / rated / max)			A	0.5/3.2/5.2	0.4/4.10/6.9	0.9/6.7/10.5	1.1/10.2/13.3
EER (1) (rated)				3,72	2,84	3,43	3,00
COP (2) (rated)				3,97	3,95	3,76	3,60
Energy efficiency class in cooling				A++	A++	A++	A++
Energy efficiency class in heating mode average climate				A+	A+	A+	A+
Energy efficiency class in heating mode warmer climate				A++	A++	A+++	A+++
Annual energy consumption in cooling mode		kWh/year		153	204	261	412
Annual energy consumption in heating mode average climate		kWh/year		762	841	1444	1697
Annual energy consumption in heating mode warmer climate		kWh/year		758	837	1207	1784
Maximum power consumption in cooling mode			W	2150	2150	2950	3850
Maximum power consumption in heating mode			W	2150	2150	2950	3850
Design load (EN 14825)	Cooling	Pdesignc	kW	2,9	3,7	5,3	7,2
	Heating / Average	Pdesignh	kW	2,2	2,4	4,2	4,9
	Heating / Warmer	Pdesignh	kW	2,7	2,7	4,5	6,4
	Heating / Colder	Pdesignh	kW	-	-	-	-
Seasonal efficiency (En 14825)	Heating / Average	SCOP (A)		4,0	4,0	4,1	4,0
	Heating / Warmer	SCOP (W)		4,9	4,6	5,3	5,1
	Heating / Colder	SCOP (C)		3,2	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	53	53	55	59
	Sound Pressure (min / rated / max speed)		dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
	Air flow rate in cooling mode (max/med/min)		m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Air flow rate in heating mode(max/med/min)		m³/h	520/460/340	600/500/360	840/680/540	980/817/662
	Fan speeds		giri/min	1030 / 850 / 700	1130 / 950 / 750	1130 / 900 / 800	1150 / 1000 / 850
	Degree of protection			IPX0	IPX0	IPX0	IPX0
	Dimensions (W x H x D)		mm	805x285x194	805x285x194	957x302x213	1040x327x220
	Weight (without packing)		Kg	7,5	7,5	10	12,3
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	61	65	61	67
	Sound Pressure		dB(A)	55,5	58	55,5	59,5
	Air flow rate (max)		m³/h	1700	1700	2000	3000
	Fan speeds			3	3	3	3
	Degree of protection			IP24	IP24	IP24	IP24
	Dimensions (W x H x D)		mm	700x550x270	700x550x270	800x554x333	845x702x363
	Weight (without packing)		Kg	22,7	22,8	34	51,5
	Dehumidification capacity		l/h	1,0	1,0	1	1
	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
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7	4,6/1,7	4,3/1,7
	Refrigerant gas*		Type	R-32	R-32	R-32	R-32
Global warming potential	GWP	kgCO2 eq.	675	675	675	675	
Refrigerant gas charge		Kg	0,50	0,50	1,00	1,60	

CONDIZIONI LIMITE DI FUNZIONAMENTO

Indoor ambient temperature	Maximum temperature in cooling		DB 32°C - WB 26°C
	Minimum temperature in cooling		DB 17°C
	Maximum temperature in heating		DB 27°C
	Minimum temperature in heating		DB 17°C
Outdoor ambient temperature	Maximum temperature in cooling		DB 43°C - WB 32°C
	Minimum temperature in cooling		DB -15°C
	Maximum temperature in heating		DB 24°C - WB 18°C
	Minimum temperature in heating		DB -15°C

(1) Test condition: data refers to regulation EN14511

Data declared according to the UE Delegate Regulation 626/2011

(2) EER/COP in agreement with the regulation (EN-14511), declared only for the purpose of the tax deductions in effect at the time of this publication.

* hermetically sealed equipment containing fluorinated gas