NEXYA S4 E

Mono-split inverter with high wall in class A++

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.

WI-FI KIT INCLUDED

To ensure Wi-Fi connection to the air conditioner, simply install the special USB key (included in the package) and download the OS Comfort app.

FEATURES

- High-performance inverter technology
- Coolant gas R32
- Energy efficiency class A++ in cooling
- 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, 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.

NEW

				Nexya S4 E Inverter 9 C	Nexya S4 E Inverter 12 C	Nexya S4 E Inverter 18 C	Nexya S4 E Inverter 24	Nexya S4 E Inverter 24 C
	PRODUCT CODE			OS-K/SENEH09EI	OS-K/SENEH12EI	OS-K/SENEH18EI	OS-C/SENEH24EI	OS-K/SENEH24EI
	EAN CODE			8021183117462	8021183117479	8021183118803	8021183114911	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	2,08/7,03/7,95	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	3,1/4,97/5,85	1,61/7,33/8,79	1,61/6,0/7,91
	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	0,16/2,35/2,9	0,42/1,787/3,15
	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	0,26/2,04/3,1	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	0,7/10,2/13,3	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	1,1/10,2/13,3	1,3/6,99/12,2
	EER			3,60	3,28	3,4	3,00	3,28
	COP			4,00	3,72	3,83	3,60	3,73
	Maximum power consumption in cooling mode		kW	2,15	2,15	2,50	3,85	3,50
	Maximum power consumption in heating mode		kW	2,15	2,15	2,50	3,85	3,50
	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	156	211	247	412	405
	Annual energy consumption in heating mode - Average season		kWh/year	910	945	1435	1697	1818
	Annual energy consumption in heating mode - Warmer season		kWh/year	714	706	1208	1784	1691
	Annual energy consumption in heating mode - Cold season		kWh/year	-	-	-	-	-
	Dehumidification capacity		l/h	1	1,2	1,6	1,0	2,4
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,8	3,6	5,2	7,2	7
	Heating / Average	Pdesignh	kW	2,6	2,7	4,1	4,9	4,8
	Heating / Warmer	Pdesignh	kW	2,6	2,5	4,4	6,4	5,8
	Heating / Colder	Pdesignh	kW	-	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,3	6,1	7,4	6,1	6,1
	Heating / Average	SCOP (A)		4,0	4,0	4	4,0	4
	Heating / Warmer	SCOP (W)		5,1	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	59
	Sound pressure (max/med/min/silence)		dB(A)	39/32/25/-	41/35/25/-	42/36/26/-	44,5/42/34,5/28	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	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	980/817/662
	Degree of protection			IPX0	IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	805x285x194	805x285x194	957x302x213	1040x327x220	1040x327x220
	Weight (without packaging)		kg	7,6	7,6	10	12,3	12,3
	Dimensions (WxHxD) (with packaging)		mm	870x365x270	870x365x270	1035x385x295	1120x405x310	1120x405x315
	Weight (with packaging)		kg	9,7	9,8	13,0	15,8	15,8
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	62	63	63	67	67
	Sound pressure		dB(A)	55,5	56	56	59,5	59
	Air flow rate (max)		m³/h	1750	1800	2100	3000	3500
	Degree of protection			IP24	IP24	IPX4	IP24	IPX4
	Dimensions (WxHxD) (without packaging)		mm	720x495x270	720x495x270	805x554x330	845x702x363	890x673x342
	Weight (without packaging)		kg	23,2	23,2	32,7	51,5	42,9
	Dimensions (WxHxD) (with packaging)		mm	835x540x300	835x540x300	915x615x370	965x765x395	995x740x398
	Weight (with packaging)		kg	25,0	25,0	35,4	54,5	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	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	5/8" - 15,9
	Maximum piping length		m	25	25	30	50	50
	Maximum height difference		m	10	10	20	25	25
	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	12	12	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	0,55	0,55	1,08	1,60	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	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	220-240 / 1 / 50
	External unit power supply connection	Pipes		3 x 2,5 mm2	3 x 2,5 mm2	3 x 2,5 mm2	3 x 2,5 mm2	3 x 2,5 mm2
	Indoor - Outdoor unit connection	Pipes		5 x 1,5 mm2	5 x 1,5 mm2	5 x 1,5 mm2	5 x 2,5 mm2	5 x 2,5 mm2
	Max Current		A	10,0	10,0	13,0	17,5	15,5

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	**Maximum temperature in cooling**	DB 32°C	DB 32°C	DB 32°C	DB 32°C - WB 26°C	DB 32°C
	Minimum temperature in cooling	DB 17°C	DB 17°C	DB 17°C	DB 17°C	DB 17°C
	Maximum temperature in heating	DB 30°C	DB 30°C	DB 30°C	DB 27°C	DB 30°C
	Minimum temperature in heating	DB 0°C	DB 0°C	DB 0°C	DB 17°C	DB 0°C
Outdoor ambient temperature	**Maximum temperature in cooling**	DB 43°C	DB 43°C	DB 50°C	DB 43°C - WB 32°C	DB 50°C
	Minimum temperature in cooling	-	-	-	-	-
	Maximum temperature in heating	DB 30°C	DB 30°C	DB 30°C	DB 24°C - WB 18°C	DB 30°C
	Minimum temperature in heating	DB -15°C	DB -15°C	DB -15°C	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.