

ALYAS PRO E

Mono-split inverter with high wall for cold climates



HIGH EFFICIENCY

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



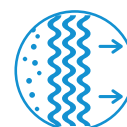
HIGH PERFORMANCE IN COLD CLIMATES

In the heating of the more rigid climatic zones, it has a higher performance than the common split units (operating limit of the external ambient temperature -22°C).



PURE SYSTEM

Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).



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 up to 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, Eco, Sleep, Silent and Turbo functions**
- **Follow Me function:** the remote control thermostat allows correct temperature control where the occupants are present in the room.
- **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.



				Alyas Pro E Inverter 9	Alyas Pro E Inverter 12
PRODUCT CODE				OS-C/SEN0H09EI	OS-C/SEN0H12EI
EAN CODE				8021183115857	8021183115888
	Output power in cooling mode (min/rated/max)		kW	0,91/2,64/4,40	0,93/3,52/4,75
	Output power in heating mode (min/rated/max)		kW	0,79/2,86/6,30	0,98/3,83/6,50
	Absorbed power in cooling mode (min/rated/max)		kW	0,05/0,60/1,55	0,05/0,98/1,59
	Absorbed power in heating mode (min/rated/max)		kW	0,14/0,65/2,10	0,17/1,03/2,13
	Current consumption in cooling mode (min/rated/max)		A	0,5/4,0/7,0	0,5/4,2/7,0
	Current consumption in heating mode (min/rated/max)		A	1,0/4,22/9,2	1,2/4,5/9,4
	EER			4,40	3,60
	COP			4,41	3,71
	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			A	A
	Energy consumption in cooling mode		kWh/year	111	155
	Annual energy consumption in heating mode - Average season		kWh/year	792	852
	Annual energy consumption in heating mode - Warmer season		kWh/year	762	762
	Annual energy consumption in heating mode - Cold season		kWh/year	2156	2156
DESIGN LOAD (EN 14825)	Maximum power consumption in cooling mode		W	2350	2350
	Maximum power consumption in heating mode		W	2350	2350
	Cooling	Pdesignc	kW	2,7	3,5
	Heating / Average	Pdesignh	kW	2,6	2,8
	Heating / Warmer	Pdesignh	kW	2,7	2,7
	Heating / Colder	Pdesignh	kW	3,9	3,9
	Cooling	SEER	kW	8,5	8,1
	Heating / Average	SCOP (A)		4,6	4,6
	Heating / Warmer	SCOP (W)		5,1	5,1
	Heating / Colder	SCOP (C)		3,8	3,8
SEASONAL EFFICIENCY (EN14825)	Sound power (EN 12102)	LWA	dB(A)	56	55
	Sound pressure (max/med/min/silence)		dB(A)	42/35/25/21,5	41/35/25/22
	Air flow rate in cooling mode (max/med/min)		m³/h	611/479/360	611/479/360
	Air flow rate in heating mode (max/med/min)		m³/h	611/479/360	611/479/360
	Fan speed		giri/min	/	/
	Degree of protection			IPX0	IPX0
	Dimensions (WxHxD)		mm	802x297x189	805x285x194
	Weight (without packaging)		kg	8,5	8,5
	Sound power (EN 12102)	LWA	dB(A)	64	65
	Sound pressure		dB(A)	55,5	55,5
INDOOR UNIT	Air flow rate (max)		m³/h	2000	2000
	Fan speed		giri/min	850/650/450	850/650/450
	Degree of protection			IP24	IP24
	Dimensions (WxHxD)		mm	800x554x333	800x554x333
	Weight (without packaging)		kg	34,7	34,7
	Dehumidification capacity		l/h	1,0	1,2
	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
OUTDOOR UNIT	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	0,87	0,87

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	Maximum temperature in cooling	DB 32°C
	Minimum temperature in cooling	DB 17°C
	Maximum temperature in heating	DB 30°C
	Minimum temperature in heating	DB 0°C
Outdoor ambient temperature	Maximum temperature in cooling	DB 43°C
	Minimum temperature in cooling	-
	Maximum temperature in heating	DB 30°C
	Minimum temperature in heating	DB -22°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.