ALYAS PRO E INVERTER

Wall-mounted inverter air conditioners with high energy efficiency, for cold climates and high performance.

HIGH EFFICIENCY TECHNOLOGY

Class A +++ in cooling
Class A +++ in heating (warmer climate)
Class A ++ in heating (average climate)
Class A in heating (cold climate)

HEAT PUMP

Heat pump air conditioner. Thanks to this feature you 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

LIMITS OF OPERATING CONDITIONS

The limit condition of heating function of the external environment temperature is -22 ° C

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.

				Alyas Pro E Inverter 9	Alyas Pro E Inverter 12
	PRODUCT CODE			OS-C/SENOH09EI	OS-C/SENOH12EI
	EAN CODE			8021183115857	8021183115888
	Output power in cooling mode (1) (min / rated / max)		kW	0.91/2.64/4,40	0.93/3.52/4.75
	Output power in heating mode (2) (min / rated / max)		kW	0.79/2.86/6,30	0.98/3.81/6.50
	Absorbed power in cooling mode (1) (min / rated / max)		kW	0.52/0.60/1.55	0.53/0.98/1.59
	Absorbed power in heating mode (2) (min / rated / max)		kW	0.14/0.65/2.10	0.17/1.03/2.13
	Current consumption in cooling mode (1) (min / rated / max)		A	0.5/4.0/7.0	0.5/4.2/7.0
	Current consumption in heating mode (2) (min / rated / max)		A	1.0/4.22/9.2	1.2/4.5/9.4
	EER (1) (rated)			4,40	3,60
	COP (2) (rated)			4,41	3,70
	Energy efficiency class in cooling			A+++	A++
	Energy efficiency class in heating mode average climate			A++	A++
	Energy efficiency class in heating mode warmer climate			A+++	A+++
	Energy efficiency class in heating mode cold climate			A	A
	Annual energy consumption in cooling mode	kWh/year		111	155
	Annual energy consumption in heating mode average climate	kWh/year		792	852
	Annual energy consumption in heating mode warmer climate	kWh/year		762	762
	Annual energy consumption in heating mode cold climate	kWh/year		2156	2156
	Maximum power consumption in cooling mode		W	2350	2350
	Maximum power consumption in heating mode		W	2350	2350
Design load (EN 14825)	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	Pdesignc	kW	8.5	8.1
Seasonal efficiency (En 14825)	Heating / Average	SCOP (A)		4.6	4.6
	Heating / Warmer	SCOP (W)		5.1	5.1
	Heating / Colder	SCOP (C)		3,8	3,8
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	56	55
	Sound Pressure (min / rated / max speed)		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 speeds		giri/min	/	/
	Degree of protection			IPX0	IPX0
	Dimensions (W x H x D)		mm	802x297x189	805x285x194
	Weight (without packing)		Kg	8,5	8,5
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	64	65
	Sound Pressure		dB(A)	55,5	55,5
	Air flow rate (max)		m³/h	2000	2000
	Fan speeds			850/650/450	850/650/450
	Degree of protection			IP24	IP24
	Dimensions (W x H x D)		mm	800x554x333	800x554x333
	Weight (without packing)		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
	Maximum operating pressure		MPa	4,3/1,7	4,3/1,7
	Refrigerant gas*		Type	R-32	R-32
	Global warming potential	GWP	kgCO2 eq.	675	675
	Refrigerant gas charge		Kg	0,87	0,87

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 -22°C

(1) Test condition: data refers to regulation EN14511
Data declarated 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