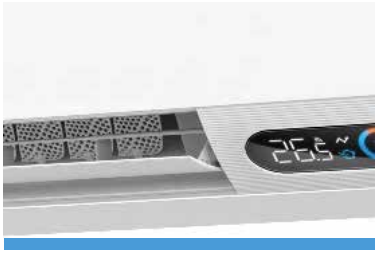
NEW

ALYSEA E

The monosplit inverter specialised in indoor climates



HIGH EFFICIENCY

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

FRESH AIR TECHNOLOGY

Fresh air with a flow rate of 60 m3/h capable of purifying a 36 m³ room in 36 minutes.

ADVANCED FILTRATION AND QUALITY DISPLAY

The fresh air passes through 4 layers of filtration and the display shows the air quality in the room in real time, detecting volatile organic compounds PM 2.5.

STERILISATION AT 56°C

High temperature sterilisation cycles of the evaporator to prevent bacteria from forming and to improve the quality of air.

FEATURES

High-performance inverter technology and 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, Eco, Sleep, Silent, Turbo functions and Auto-Restart
4 levels of filtration: primary filter, high density filter, Hepa11 filter, silver ion filter.
Follow Me function: precise temperature detection in the point where the remote control is located.
Gentle Wind function: gentle airflow to avoid direct drafts thanks to 1100 microholes on the inner fins.
Swing function: Automatically adjusts airflow (horizontal and vertical).
Auto-Diagnosis function: in the event of a failure, the display shows the error code.
Filter cleaning alarm: the display shows the filter replacement and cleaning alarm.
Smart Light Sensor: once the room light is turned off, the display automatically turns off.

				NEW Alysea E Inverter 9	NEW Alysea E Inverter 12
	INDOOR UNIT CODE			OS-SEAAH09EI	OS-SEAAH12EI
	INDOOR UNIT EAN CODE			8021183121148	8021183121179
	OUTDOOR UNIT CODE			OS-CEAAH09EI	OS-CEAAH12EI
	OUTDOOR UNIT EAN CODE			8021183121155	8021183121186
	PRODUCT CODE			OS-C/SEAAH09EI	OS-C/SEAAH12EI
	EAN CODE			8021183121131	8021183121162
	Output power in cooling mode (min/rated/max)		kW	0,8/2,63/3,5	1/3,53/4
	Output power in heating mode (min/rated/max)		kW	1,0/2,83/3,9	1/3,8/4,5
	Absorbed power in cooling mode (min/rated/max)		kW	0,24/0,649/1,5	0,29/0,895/1,65
	Absorbed power in heating mode (min/rated/max)		kW	0,24/0,665/1,615	0,29/0,969/1,93
	Current consumption in cooling mode (min/rated/max)		A	1,2/3,8/7	1,5/4,7/9,2
	Current consumption in heating mode (min/rated/max)		A	1,2/4/7,5	1,5/5,1/10
	EER			4,05	3,94
	COP			4,25	3,92
	Maximum power consumption in cooling mode		kW	1,5	1,65
	Maximum power consumption in heating mode		kW	1,62	1,93
	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	kWh/year	107	144
	Annual energy consumption in heating mode - Average season	kWh/year	kWh/year	639	761
	Annual energy consumption in heating mode - Warmer season	kWh/year	kWh/year	631	769
	Annual energy consumption in heating mode - Cold season	kWh/year	kWh/year	1792	2162
	Dehumidification capacity		l/h	1	1,2
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,6	3,5
	Heating / Average	Pdesignh	kW	2,1	2,5
	Heating / Warmer	Pdesignh	kW	2,3	2,8
	Heating / Colder	Pdesignh	kW	2,9	3,5
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		8,5	8,5
	Heating / Average	SCOP (A)		4,6	4,6
	Heating / Warmer	SCOP (W)		5,1	5,1
	Heating / Colder	SCOP (C)		3,4	3,4
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	51	51
	Sound pressure (max/med/min/silence)		dB(A)	38/33/27/22	38/33/27/22
	Air flow rate in cooling mode (max/med/min)		m³/h	596/542/482	602/542/481
	Air flow rate in heating mode (max/med/min)		m³/h	553/492/432	608/524/451
	Degree of protection			IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	888x313x205	888x313x205
	Weight (without packaging)		kg	10,5	11
	Dimensions (WxHxD) (with packaging)		mm	988x389x328	988x389x328
	Weight (with packaging)		kg	12,5	13
OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	60	61
	Sound pressure		dB(A)	50	51
	Air flow rate (max)		m³/h	1900	2200
	Degree of protection			IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	777x498x290	795x549x305
	Weight (without packaging)		kg	20,5	24,5
	Dimensions (WxHxD) (with packaging)		mm	838x540x338	852x600x358
	Weight (with packaging)		kg	23,5	26,5
COOLING CIRCUIT	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
	Covered piping length from pre-load		m	5	5
	Piping recommended minimum length		m	5	5
	Refrigerant increase (over 5 m of pipes)		g/m	15	15
	Maximum operating pressure		MPa	3,7/1,2	3,7/1,2
	Refrigerant gas*	Type	Type	R32	R32
	Global warming potential	GWP		675	675
	Refrigerant gas charge		kg	0,51	0,605
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50
	Supply voltage outdoor unit		V/F/Hz	220-240 / 1 / 50	220-240 / 1 / 50
	External unit power supply connection	Pipes		3 x 1,0 mm2	3 x 1,0 mm2
	Indoor - Outdoor unit connection	Pipes		4 x 1,0 mm2	4 x 1,0 mm2
	Max Current		A	7,5	10

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 53°C
	Minimum temperature in cooling	-
	Maximum temperature in heating	DB 30°C
	Minimum temperature in heating	DB -20°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.