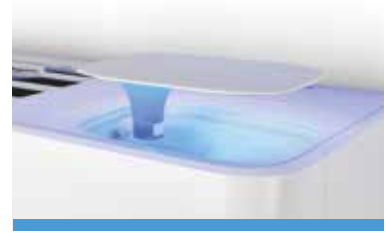


NEW

# 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 m<sup>3</sup>/h capable of purifying a 36 m<sup>3</sup> 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.



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			Alysea E Inverter 9	Alysea E Inverter 12	Mystral E inverter 9	Mystral E Inverter 12	Mystral E Inverter 18	Mystral E Inverter 24	
<b>INDOOR UNIT CODE</b>			OS-SEAAH09EI	OS-SEAAH12EI	OS-SEMLH09EI	OS-SEMLH12EI	OS-SEMLH18EI	OS-SEMLH24EI	
<b>INDOOR UNIT EAN CODE</b>			8021183121148	8021183121179	8021183118919	8021183118940	8021183120769	8021183121100	
<b>OUTDOOR UNIT CODE</b>			OS-CEAAH09EI	OS-CEAAH12EI	OS-CEMLH09EI	OS-CEMLH12EI	OS-CEMLH18EI	OS-CEMLH24EI	
<b>OUTDOOR UNIT EAN CODE</b>			8021183121155	8021183121186	8021183118926	8021183118957	8021183120776	8021183121117	
<b>PRODUCT CODE</b>			OS-C/SEAAH09EI	OS-C/SEAAH12EI	OS-C/SEMLH09EI	OS-C/SEMLH12EI	OS-C/SEMLH18EI	OS-C/SEMLH24EI	
<b>EAN CODE</b>			8021183121131	8021183121162	8021183118902	8021183118933	8021183120752	8021183121094	
Output power in cooling mode (min/rated/max)		kW	0,8/2,63/3,5	1/3,53/4	0,94/2,63/3,4	1/3,4/3,77	1,25/5,10/5,91	1,5/7,0/7,35	
Output power in heating mode (min/rated/max)		kW	1,0/2,83/3,9	1/3,8/4,5	0,94/2,75/3,5	1/3,43/3,81	1,25/5,10/6,07	1,5/7,15/7,8	
Absorbed power in cooling mode (min/rated/max)		kW	0,24/0,649/1,5	0,29/0,895/1,65	0,24/0,809/1,38	0,29/1,053/1,5	0,33/1,58/2,34	0,46/2,167/2,70	
Absorbed power in heating mode (min/rated/max)		kW	0,24/0,665/1,615	0,29/0,969/1,93	0,24/0,733/1,552	0,29/0,925/1,73	0,34/1,37/2,52	0,46/1,927/2,65	
Current consumption in cooling mode (min/rated/max)		A	1,2/3,8/7	1,5/4,7/9,2	1,2/4,6/8,0	1,5/5,1/9,0	1,7/8,1/12,0	2/9,6/12,8	
Current consumption in heating mode (min/rated/max)		A	1,2/4,7/5	1,5/5,1/10	1,2/4,1/9,0	1,5/4,6/10,0	1,7/7,0/13,0	2/8,8/13,0	
EER			4,05	3,94	3,25	3,23	3,23	3,23	
COP			4,25	3,92	3,73	3,71	3,71	3,71	
Maximum power consumption in cooling mode		kW	1,5	1,65	1,38	1,50	2,34	2,70	
Maximum power consumption in heating mode		kW	1,62	1,93	1,55	1,73	2,52	2,65	
Energy efficiency class in cooling			A+++	A+++	A++	A++	A++	A++	
Energy efficiency class in heating mode - Average season			A++	A++	A+	A+	A+	A+	
Energy efficiency class in heating mode - Warmer season			A+++	A+++	A+++	A+++	A+++	A+++	
Energy efficiency class in heating mode - Cold season			A	A	A	A	A	A	
Energy consumption in cooling mode		kWh/year	107	144	149	195	293	402	
Annual energy consumption in heating mode - Average season		kWh/year	639	761	840	840	1330	1820	
Annual energy consumption in heating mode - Warmer season		kWh/year	631	769	659	714	1373	1592	
Annual energy consumption in heating mode - Cold season		kWh/year	1792	2162	1606	2162	2471	2800	
Dehumidification capacity		l/h	1	1,2	1	1,2	1,5	1,8	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,6	3,5	2,6	3,4	5,1	7,0
	Heating / Average	Pdesignh	kW	2,1	2,5	2,4	2,4	3,8	5,2
	Heating / Warmer	Pdesignh	kW	2,3	2,8	2,4	2,6	5,0	5,8
	Heating / Colder	Pdesignh	kW	2,9	3,5	2,6	3,5	4,0	4,8
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		8,5	8,5	6,1	6,1	6,1	6,1
	Heating / Average	SCOP ( A )		4,6	4,6	4,0	4,0	4,0	4,0
	Heating / Warmer	SCOP ( W )		5,1	5,1	5,1	5,1	5,1	5,1
	Heating / Colder	SCOP ( C )		3,4	3,4	3,4	3,4	3,4	3,6
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	51	51	52	52	53	60
	Sound pressure (max/med/min/silence)		dB(A)	38/33/27/22	38/33/27/22	38/33/30/22	38/33/30/22	41/38/35/27	50/47/41/38
	Air flow rate in cooling mode (max/med/min)		m³/h	596/542/482	602/542/481	510/430/390	520/450/390	800/620/530	1228/1126/942
	Air flow rate in heating mode (max/med/min)		m³/h	553/492/432	608/524/451	510/430/390	520/450/390	800/620/530	1323/1102/937
	Degree of protection			IPX0	IPX0	IPX0	IPX0	IPX0	IPX0
	Dimensions (WxHxD) (without packaging)		mm	888x313x205	888x313x205	777x250x201	777x250x201	910x294x206	1010x315x220
	Weight (without packaging)		kg	10,5	11	8,0	8,0	10,0	12
	Dimensions (WxHxD) (with packaging)		mm	988x389x328	988x389x328	850x320x275	850x320x275	979x372x277	1096x390x297
	Weight (with packaging)		kg	12,5	13	10,5	10,5	13,0	15
	Sound power (EN 12102)	LWA	dB(A)	60	61	62	62	65	67
	Sound pressure		dB(A)	50	51	52	52	55	60
OUTDOOR UNIT	Air flow rate (max)		m³/h	1900	2200	1900	1900	2600	3000
	Degree of protection			IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	777x498x290	795x549x305	777x498x290	777x498x290	853x602x349	920x699x380
	Weight (without packaging)		kg	20,5	24,5	24,0	24,0	35,0	37,5
	Dimensions (WxHxD) (with packaging)		mm	838x540x338	852x600x358	818x520x325	818x520x325	890x628x385	960x732x400
	Weight (with packaging)		kg	23,5	26,5	26,0	26,0	38,0	40,5
	Connecting liquid pipeline diameter		inch - mm	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35
	Connecting gas pipeline diameter		inch - mm	3/8"-9,52	3/8"-9,52	3/8"-9,52	3/8"-9,52	3/8"-9,52	1/2"-12,7
COOLING CIRCUIT	Maximum piping length		m	25	25	25	25	25	25
	Maximum height difference		m	10	10	10	10	10	10
	Covered piping length from pre-load		m	5	5	5	5	5	5
	Piping recommended minimum length		m	5	5	3	3	3	5
	Refrigerant increase (over 5 m of pipes)		g/m	15	15	15	15	25	25
	Maximum operating pressure		MPa	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2	3,7/1,2
	Refrigerant gas*	Type	Type	R32	R32	R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675	675	675
	Refrigerant gas charge		kg	0,51	0,605	0,57	0,57	1,00	1
	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	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	220-240 / 1 / 50	
Outdoor unit power supply connection		Pipes		3 x 1,0 mm2	3 x 1,0 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2
Indoor - Outdoor unit connection		Pipes		4 x 1,0 mm2	4 x 1,0 mm2	4 x 0,75 mm2	4 x 0,75 mm2	4 x 0,75 mm2	4 x 1,0 mm2
Max Current		A		7,5	10	9,0	10,0	13,0	13,0
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.

PORTABLES

UNICO

MONO AND MULTISPLIT

AIR COOLERS