

MYSTRAL E

High-wall mono-split inverter



HIGH EFFICIENCY

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



STERILISATION AT 56°C

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



FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.



INTELLIGENT AIRFLOW

Distributes the air differently according to the seasons and quickly changes the room temperature.

FEATURES

- High-performance inverter technology
- Coolant gas R32
- Energy efficiency class A++ in cooling
- Anti-dust filter
- Remote control supplied

FUNCTIONS

Cooling, heating, dehumidification and ventilation
Timer, Auto, Eco, 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

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NEW

			Alysea E Inverter 9	Alysea E Inverter 12	Mystral E inverter 9	Mystral E Inverter 12	Mystral E Inverter 18	Mystral E Inverter 24
INDOOR UNIT CODE			OS-SEAAH09EI	OS-SEAAH12EI	OS-SEMLH09EI	OS-SEMLH12EI	OS-SEMLH18EI	OS-SEMLH24EI
INDOOR UNIT EAN CODE			8021183121148	8021183121179	8021183118919	8021183118940	8021183120769	8021183121100
OUTDOOR UNIT CODE			OS-CEAAH09EI	OS-CEAAH12EI	OS-CEMLH09EI	OS-CEMLH12EI	OS-CEMLH18EI	OS-CEMLH24EI
OUTDOOR UNIT EAN CODE			8021183121155	8021183121186	8021183118926	8021183118957	8021183120776	8021183121117
PRODUCT CODE			OS-C/SEAAH09EI	OS-C/SEAAH12EI	OS-C/SEMLH09EI	OS-C/SEMLH12EI	OS-C/SEMLH18EI	OS-C/SEMLH24EI
EAN CODE			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	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
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.