

NEW

MYSTRAL HB E

Mono-split inverter with high wall



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.



HIGH PERFORMANCE IN COLD CLIMATES

For heating in coldest climates, it performs better than common splits and the outdoor unit is equipped with an additional 50W electrical heating element.



INTEGRATED WI-FI

By downloading the OS Home app it is possible to manage all its functions from your smartphone, even when away from home.

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.



				Mystral HB E inverter 12	
INDOOR UNIT CODE				OS-SEMLH12EI	
INDOOR UNIT EAN CODE				8021183118940	
OUTDOOR UNIT CODE				OS-CEMLH12EIR	
OUTDOOR UNIT EAN CODE				8021183120950	
PRODUCT CODE				OS-C/SEMLH12EIR	
EAN CODE				8021183120943	
Output power in cooling mode (min/rated/max)			kW	1/3,4/3,77	
Output power in heating mode (min/rated/max)			kW	1/3,43/3,81	
Absorbed power in cooling mode (min/rated/max)			kW	0,29/1,053/1,5	
Absorbed power in heating mode (min/rated/max)			kW	0,29/0,925/1,73	
Current consumption in cooling mode (min/rated/max)			A	1,5/5,1/9,0	
Current consumption in heating mode (min/rated/max)			A	1,5/4,6/10,0	
EER				3,23	
COP				3,71	
Maximum power consumption in cooling mode			kW	1,50	
Maximum power consumption in heating mode			kW	1,73	
Energy efficiency class in cooling				A++	
Energy efficiency class in heating mode - Average season				A+	
Energy efficiency class in heating mode - Warmer season				A+++	
Energy efficiency class in heating mode - Cold season				A	
Energy consumption in cooling mode		kWh/year	kWh/year	195	
Annual energy consumption in heating mode - Average season		kWh/year	kWh/year	840	
Annual energy consumption in heating mode - Warmer season		kWh/year	kWh/year	714	
Annual energy consumption in heating mode - Cold season		kWh/year	kWh/year	2162	
Dehumidification capacity			l/h	1,2	
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	3,4	
	Heating / Average	Pdesignh	kW	2,4	
	Heating / Warmer	Pdesignh	kW	2,6	
	Heating / Colder	Pdesignh	kW	3,5	
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,1	
	Heating / Average	SCOP (A)		4,0	
	Heating / Warmer	SCOP (W)		5,1	
	Heating / Colder	SCOP (C)		3,4	
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	52	
	Sound pressure (max/med/min/silence)		dB(A)	38/33/30/22	
	Air flow rate in cooling mode (max/med/min)		m³/h	520/450/390	
	Air flow rate in heating mode (max/med/min)		m³/h	520/450/390	
	Degree of protection			IPX0	
	Dimensions (WxHxD) (without packaging)		mm	777x250x201	
	Weight (without packaging)		kg	8,0	
	Dimensions (WxHxD) (with packaging)		mm	850x320x275	
	Weight (with packaging)		kg	10,5	
	OUTDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	62
Sound pressure			dB(A)	52	
Air flow rate (max)			m³/h	1900	
Degree of protection				IPX4	
Dimensions (WxHxD) (without packaging)			mm	777x498x290	
Weight (without packaging)			kg	24,0	
Dimensions (WxHxD) (with packaging)			mm	818x520x325	
Weight (with packaging)			kg	26,0	
COOLING CIRCUIT	Connecting liquid pipeline diameter		inch - mm	1/4"-6,35	
	Connecting gas pipeline diameter		inch - mm	3/8"-9,52	
	Maximum piping length		m	25	
	Maximum height difference		m	10	
	Covered piping length from pre-load		m	5	
	Piping recommended minimum length		m	3	
	Refrigerant increase (over 5 m of pipes)		g/m	15	
	Maximum operating pressure		MPa	3,7/1,2	
	Refrigerant gas*	Type	Type	R32	
	Global warming potential	GWP		675	
Refrigerant gas charge		kg	0,57		
ELECTRICAL CONNECTIONS	Supply voltage indoor unit		V/F/Hz	220-240 / 1 / 50	
	Supply voltage outdoor unit		V/F/Hz	220-240 / 1 / 50	
	External unit power supply connection	Pipes		3 x 1,5 mm²	
	Indoor - Outdoor unit connection	Pipes		4 x 0,75 mm²	
	Max Current		A	10,0	
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.