

MYSTRAL E INVERTER

Mono-split inverter with high wall

Cod. OS-C/SEMLH09EI

Cod. OS-C/SEMLH12EI

Cod. OS-C/SEMLH18EI



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.



INTELLIGENT AIRFLOW

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



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.



			NEW	NEW	NEW
			Mystral E inverter 9	Mystral E inverter 12	Mystral E Inverter 18
INDOOR UNIT CODE			OS-SEMLH09EI	OS-SEMLH12EI	OS-SEMLH18EI
INDOOR UNIT EAN CODE			8021183118919	8021183118940	8021183120769
OUTDOOR UNIT CODE			8021183118919	8021183118940	8021183120769
OUTDOOR UNIT EAN CODE			OS-CEMLH09EI	OS-CEMLH12EI	OS-CEMLH18EI
PRODUCT CODE			OS-C/SEMLH09EI	OS-C/SEMLH12EI	OS-C/SEMLH18EI
EAN CODE			8021183118902	8021183118933	8021183120752
Output power in cooling mode (min/rated/max)		kW	0,94/2,63/3,4	1/3,4/3,77	1,25/5,10/5,91
Output power in heating mode (min/rated/max)		kW	0,94/2,75/3,5	1/3,43/3,81	1,25/5,10/6,07
Absorbed power in cooling mode (min/rated/max)		kW	0,24/0,809/1,38	0,29/1,053/1,5	0,33/1,58/2,34
Absorbed power in heating mode (min/rated/max)		kW	0,24/0,733/1,552	0,29/0,925/1,73	0,34/1,37/2,52
Current consumption in cooling mode (min/rated/max)		A	1,2/4,6/8,0	1,5/5,1/9,0	1,7/8,1/12,0
Current consumption in heating mode (min/rated/max)		A	1,2/4,1/9,0	1,5/4,6/10,0	1,7/7,0/13,0
EER			3,25	3,23	3,23
COP			3,73	3,71	3,71
Maximum power consumption in cooling mode		kW	1,38	1,50	2,34
Maximum power consumption in heating mode		kW	1,55	1,73	2,52
Energy efficiency class in cooling					
Energy efficiency class in heating mode - Average season					
Energy efficiency class in heating mode - Warmer season					
Energy efficiency class in heating mode - Cold season					
Energy consumption in cooling mode		kWh/year	149	195	293
Annual energy consumption in heating mode - Average season		kWh/year	840	840	1330
Annual energy consumption in heating mode - Warmer season		kWh/year	659	714	1373
Annual energy consumption in heating mode - Cold season		kWh/year	1606	2162	2471
Dehumidification capacity		l/h	1	1,2	1,5
Cooling	Pdesignc	kW	2,6	3,4	5,1
Heating / Average	Pdesignh	kW	2,4	2,4	3,8
Heating / Warmer	Pdesignh	kW	2,4	2,6	5,0
Heating / Colder	Pdesignh	kW	2,6	3,5	4,0
Cooling	SEER		6,1	6,1	6,1
Heating / Average	SCOP (A)		4,0	4,0	4,0
Heating / Warmer	SCOP (W)		5,1	5,1	5,1
Heating / Colder	SCOP (C)		3,4	3,4	3,4
Sound power (EN 12102)	LWA	dB(A)			
Sound pressure (max/med/min/silence)		dB(A)	38/33/30/22	38/33/30/22	41/38/35/27
Air flow rate in cooling mode (max/med/min)		m³/h	510/430/390	520/450/390	800/620/530
Air flow rate in heating mode (max/med/min)		m³/h	510/430/390	520/450/390	800/620/530
Degree of protection			IPX0	IPX0	IPX0
Dimensions (WxHxD) (without packaging)		mm	777x250x201	777x250x201	910x294x206
Weight (without packaging)		kg	8,0	8,0	10,0
Dimensions (WxHxD) (with packaging)		mm	850x320x275	850x320x275	979x372x277
Weight (with packaging)		kg	10,5	10,5	13,0
Sound power (EN 12102)	LWA	dB(A)			
Sound pressure		dB(A)	52	52	55
Air flow rate (max)		m³/h	1900	1900	2600
Degree of protection			IPX4	IPX4	IPX4
Dimensions (WxHxD) (without packaging)		mm	777x498x290	777x498x290	853x602x349
Weight (without packaging)		kg	24,0	24,0	35,0
Dimensions (WxHxD) (with packaging)		mm	818x520x325	818x520x325	890x628x385
Weight (with packaging)		kg	26,0	26,0	38,0
Connecting liquid pipeline diameter		inch - mm	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
Maximum piping length		m	25	25	25

Maximum height difference		m	10	10	10
Covered piping length from pre-load		m	5	5	5
Piping recommended minimum length		m	3	3	3
Refrigerant increase (over 5 m of pipes)		g/m	15	15	25
Maximum operating pressure		MPa	3,7/1,2	3,7/1,2	3,7/1,2
Refrigerant gas*	Type	Type	R32	R32	R32
Global warming potential	GWP		675	675	675
Refrigerant gas charge		kg	0,57	0,57	1,00
Supply voltage indoor unit		V/F/Hz	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
External unit power supply connection	Pipes		3 x 1,5 mm2	3 x 1,5 mm2	3 x 1,5 mm2
Indoor - Outdoor unit connection	Pipes		4 x 0,75 mm2	4 x 0,75 mm2	4 x 0,75 mm2
Max Current		A	9,0	10,0	13,0

CONDIZIONI LIMITE DI FUNZIONAMENTO					
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.