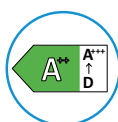
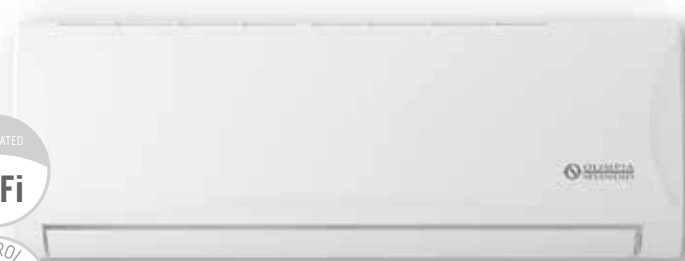


NEW

MYSTRAL S1 E

High-wall mono-split inverter



HIGH EFFICIENCY

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



SELF CLEAN

Automatically cleans and dries the evaporator, removing dust, mould and grease to ensure clean air in the room.

FEATURES

High-performance inverter technology
R32 coolant gas
A++ cooling energy class (range between A+++ and D)
Anti-dust filter
Remote control supplied
Golden Fin treatment on the external unit battery, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

FUNCTIONS

Cooling, heating, dehumidification and ventilation

Timer, Eco, Sleep, Quiet and Turbo functions

Swing functions: vertical flap oscillation for better diffusion of air in the environment.

Auto-Restart function: after a blackout, it restarts at the last function set.

Self-Diagnosis function: in the event of a fault, the display shows the error code.



PORTABLES

UNICO

MONO AND MULTISPLIT

AIR COOLERS

				NEW	NEW	NEW	NEW
				Mystral S1 E Inverter 9	Mystral S1 E Inverter 12	Mystral S1 E Inverter 18	Mystral S1 E Inverter 24
INDOOR UNIT CODE				OS-SEMTH09EI	OS-SEMTH12EI	OS-SEMTH18EI	OS-SEMTH24EI
INDOOR UNIT EAN CODE				8021183122534	8021183122541	8021183122558	8021183122565
OUTDOOR UNIT CODE				OS-CEMTH09EI	OS-CEMTH12EI	OS-CEMTH18EI	OS-CEMTH24EI
OUTDOOR UNIT EAN CODE				8021183122572	8021183122589	8021183122596	8021183122602
PRODUCT CODE				OS-C/SEMTH09EI	OS-C/SEMTH12EI	OS-C/SEMTH18EI	OS-C/SEMTH24EI
EAN CODE				8021183122619	8021183122626	8021183122633	8021183122640
Output power in cooling mode (min/rated/max)		kW		0,3/2,7/3,8	0,3/3,5/3,8	0,5/5,1/5,4	0,6/6,5/6,6
Output power in heating mode (min/rated/max)		kW		0,3/2,7/3,9	0,3/3,5/3,9	0,5/5,1/5,6	0,6/6,5/6,8
Absorbed power in cooling mode (min/rated/max)		kW		0,15/0,8/1,4	0,15/1,1/1,4	0,17/1,68/1,85	0,21/2/2,18
Absorbed power in heating mode (min/rated/max)		kW		0,15/0,72/1,27	0,15/1/1,27	0,17/1,54/1,9	0,21/1,85/2,05
Current consumption in cooling mode (min/rated/max)		A		0,8/3,6/6,9	0,8/5/6,9	1,7/9/8,3	1,2/9,2/10
Current consumption in heating mode (min/rated/max)		A		0,8/3,3/6,2	0,8/4,5/6,2	1,7/9/8,5	1,2/8,5/9,4
EER				3,38	3,18	3,04	3,25
COP				3,75	3,5	3,31	3,51
Maximum power consumption in cooling mode		kW		1,75	1,75	2,4	3
Maximum power consumption in heating mode		kW		1,75	1,75	2,4	3
Energy efficiency class in cooling				A++	A++	A++	A++
Energy efficiency class in heating mode - Average season				A+	A+	A+	A+
Energy efficiency class in heating mode - Warmer season				A+++	A+++	A+++	A+++
Energy efficiency class in heating mode - Cold season				-	-	-	-
Energy consumption in cooling mode		kWh/year		160	203	290	347
Annual energy consumption in heating mode - Average season		kWh/year		905	942	1455	1835
Annual energy consumption in heating mode - Warmer season		kWh/year		765	790	1354	1585
Annual energy consumption in heating mode - Cold season		kWh/year		-	-	-	-
Dehumidification capacity		l/h		1,3	1,3	1,9	2,2
DESIGN LOAD (EN 14825)	Cooling	Pdesignc	kW	2,7	3,5	5,1	6,1
	Heating / Average	Pdesignh	kW	2,6	2,7	4,2	5,3
	Heating / Warmer	Pdesignh	kW	2,8	2,9	5,0	5,8
	Heating / Colder	Pdesignh	kW	-	-	-	-
SEASONAL EFFICIENCY (EN14825)	Cooling	SEER		6,1	6,1	6,1	6,1
	Heating / Average	SCOP (A)		4,0	4,0	4,0	4,0
	Heating / Warmer	SCOP (W)		5,1	5,1	5,1	5,1
	Heating / Colder	SCOP (C)		-	-	-	-
INDOOR UNIT	Sound power (EN 12102)	LWA	dB(A)	51	51	50	54
	Sound pressure (max/med/min/silence)		dB(A)	41/34/28/22	41/34/28/22	40/35/30/26	44/40/36/32
	Air flow rate in cooling mode (max/med/min)		m³/h	550/450/350	550/450/350	650/550/450	950/800/650
	Air flow rate in heating mode (max/med/min)		m³/h	600/500/400	600/500/400	700/600/500	1000/850/700
	Degree of protection			-	-	-	-
	Dimensions (WxHxD) (without packaging)		mm	780x276x202	780x276x202	850x276x202	950x313x240
	Weight (without packaging)		kg	8	8	11	14
	Dimensions (WxHxD) (with packaging)		mm	860x366x301	860x366x301	930x366x301	1045x403x327
	Weight (with packaging)		kg	10	10	13	16
	Sound power (EN 12102)	LWA	dB(A)	61	61	64	65
OUTDOOR UNIT	Sound pressure		dB(A)	51	51	54	55
	Air flow rate (max)		m³/h	1800	1800	2600	3200
	Degree of protection			IPX4	IPX4	IPX4	IPX4
	Dimensions (WxHxD) (without packaging)		mm	720x473x298	720x473x298	898x546x345	898x546x345
	Weight (without packaging)		kg	20	20	28	30
	Dimensions (WxHxD) (with packaging)		mm	777x530x333	777x530x333	934x608x382	934x608x382
	Weight (with packaging)		kg	23	23	32	34
	Connecting liquid pipeline diameter		inch - mm	1/4"-6,35	1/4"-6,35	1/4"-6,35	1/4"-6,35
COOLING CIRCUIT	Connecting gas pipeline diameter		inch - mm	3/8"-9,52	3/8"-9,52	3/8"-9,52	3/8"-9,52
	Maximum piping length		m	15	15	15	15
	Maximum height difference		m	5	5	5	5
	Covered piping length from pre-load		m	5	5	5	5
	Piping recommended minimum length		m	5	5	5	5
	Refrigerant increase (over 5 m of pipes)		g/m	15	15	15	15
	Maximum operating pressure		MPa	4,2/1,2	4,2/1,2	4,2/1,2	4,2/1,2
	Refrigerant gas*	Type		R32	R32	R32	R32
	Global warming potential	GWP		675	675	675	675
	Refrigerant gas charge		kg	0,49	0,49	1,01	1,2
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
	Supply voltage outdoor unit		V/F/Hz	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
	Indoor - Outdoor unit connection	Pipes		4 x 1,0 mm2	4 x 1,0 mm2	4 x 1,5 mm2	4 x 1,5 mm2
	Max Current		A	8	8	11	14

LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	Maximum temperature in cooling	DB 32°C
	Minimum temperature in cooling	DB 16°C
	Maximum temperature in heating	DB 30°C
	Minimum temperature in heating	DB 0°C
Outdoor ambient temperature	Maximum temperature in cooling	DB 46°C
	Minimum temperature in cooling	-
	Maximum temperature in heating	DB 27°C
	Minimum temperature in heating	DB -15°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.

Energy efficiency classes refer to a range between A+++ and D.