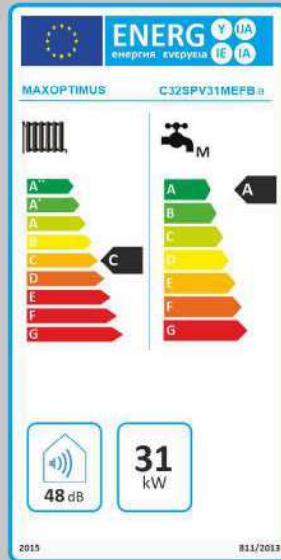


Product code: C32SPV31MEFB-B-ERP

CONVENTIONAL WALL HUNG GAS BOILER, 31 kW

Wall hung gas boiler with optimized gas consumption.



DHW superior comfort:
OVERSIZED
secondary heat
exchanger

BRASS
hydroblock and
STAINLESS STEEL
pipes

LCD display

Saving gas
and electricity
CIRCULATION
PUMP
-LOW ENERGY



CE 2726₂₁

Efficiency class

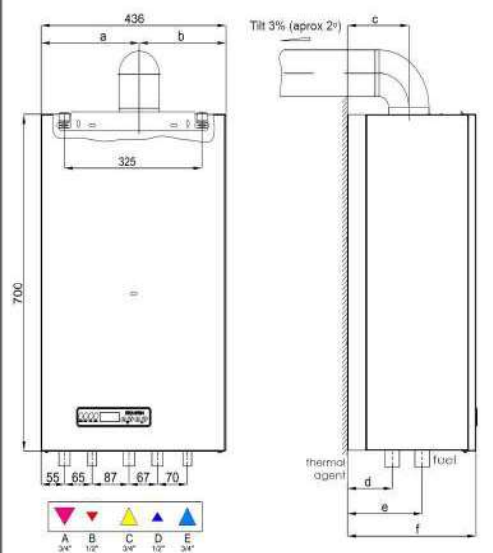
- 3 stars ★★ ★
(dir. 92/42/CEE)

DHW comfort

- 2 stars ★ ★
(EN 13203)

Nox class - 3

Dimensions and mounting positions:



Dimensions (mm):

- a - 271 mm
- b - 165 mm
- c - 168 mm
- d - 129 mm
- e - 197 mm
- f - 328 mm

Legend:

- A - Thermal input connector
- B - Hot water output connector
- C - Fuel input connector
- D - Cold water input connector
- E - Thermal output connector

CLIENT ADVANTAGES:

- Constant and high efficiency;
- Low electricity consumption - low energy pump; EFFICIENCY CLASS 3 stars *** according to the European directive 92/42 / EEC; respectively class C (regulation 811-814 / 2013 for the implementation of the directive of Eco-Design (ERP Directive 2009/125 / EC) and 2** stars comfort on domestic hot water regime (EN13203); respectively class A (regulation 811-814 / 2013 for the implementation of the EcoDesign directive(ERP Directive) 2009/125 / EC);
- Easy to install due to compact size;
- Primary heat exchanger and secondary heat exchanger oversized;
- Possibility to connect a underfloor heating system;
- Control panel with LCD display, which provides advanced graphical interface and switch keys;
- Very good operating stability, foruser set temperature on both circuits;
- When the "Comfort function" is activated, allows the user to use DHW in the range of 35-45 ° C;
- Low emissions - class NOx 3 on natural gas;

Technical and functional characteristics

Type	C32SPV31MEFB-B-ERP		
Trade name	MAXOPTIMUS		
Gas type	***		
Efficiency stars (dir. 92/42/CEE)	II2H3B/P, I2H, I2E+, II2ELL3B/P, II2HS3B/P		
Flue type	Forced		
Nox class (G20-I2H)	4		
Thermal efficiency (G20-I2H)	93,6%		
Nominal power (min./max.) (G20-I2H)	9.6 - 30.8 kW		
Nominal max. consumption	≈3,51 Nm ³ /h		
Rated pressure gas input (G20-I2H)	20 mbar		
Pressure (min/max) on thermal circuit	0,5 ÷ 3 bar		
Pressure (min/max) on DHW circuit	0,2 ÷ 8 bar		
Energy efficiency class on central heating circuit	C		
Temperature on thermal circuit	30 ÷ 80°C		
Temperature on thermal circuit for underfloor system	15 ÷ 45°C		
Temperature on domestic hot water circuit	35 ÷ 55°C		
Hot water flow ΔT = 30°C	14,5 l/min		
DHW comfort - EN13203	**		
DHW energy efficiency class	A		
Construction characteristics	Height (mm)	700	
	Width (mm)	436	
	Depth (mm)	328	
	Weight	32 kg	
	Capacity main heat exchanger	1,8 l	
	Connectors	Thermal input, output	3/4"
		Cold water input, hot water output	1/2"
		Gas input	3/4"
	Expansion vessel with membrane	8 l	
	Air/ gas incoming/ outgoing flue pipe	Coaxial D100/D60, Dual D80*	
Length of burnt gases connecting pipe	Coaxial max 3m; Dual 5m*		
Evacuation type	C ₁₂ , C ₁₇ , C ₃₂ , C ₄₇ , C ₅₇ , C ₇₂ , C ₈₇		
Burnt gases (maximum temperature)	≈129 °C		
Electric characteristics	Input	~230V/50 Hz	
	Nominal power	87 W	
	Protection class	IP 40	

* The boiler is standard delivered with 1m co-axial flue



MAXOPTIMUS WALL HUNG GAS BOILER INTEGRATE COMPONENTS OF THE BEST QUALITY:

- Circulation pump GRUNDFOS (Denmark);
- Gas valve SIT (Italy);
- Burner WORGAS (Italy);
- Exhaust fan ELICA (Italy);
- Primary heat exchanger VALMEX (Italy)
- Expansion vessel ZILIO (Italy);
- Brass hidrobloc FUGGAS (Italy);
- Safety valve KRAMER (Italy);

CONVENTIONAL WALL HUNG GAS BOILER

LIST OF ACCESSORIES AND OTHER MOTAN PRODUCTS COMPATIBLE WITH MAXOPTIMUS:

Product name:

- STORAGE TANK BA120L-V1
- SMART ROOM THERMOSTAT HT500
- WIRELESS ROOM THERMOSTAT HT220S SET
- ROOM THERMOSTAT HT220S
- CASCADE MODULE KOBER
- FILTER WITH TRANSFORMER - 3A
- FILTER WITHOUT TRANSFORMER - 3A
- FILTER WITHOUT TRANSFORMER - 6A
- OUTSIDE TEMPERATURE SENSOR N10
- BOILER TEMPERATURE SENSOR N10
- KIT D.60/100 CT NORMALE AMTK 700507
- DUAL KIT WITH D80 CT ATMOSPHERE ADAPTER.
- VERTICAL KIT 60/100 ROOF CT ATMOSF.
- VERTICAL KIT COAXIAL CT ADAPTER ATMOSF
- VERTICAL KIT + ADAPTER + REC CT NORMAL 71MN71213
- EXTENSION 0.5M 60/100 CT ATMOS
- EXTENSION 1M 60/100 CT ATMOS
- EXTENSION 1.5M 60/100 CT ATMOS
- EXTENSION 0.5M D80 CT ATMOS
- EXTENSION 1M D80 CT ATMOS
- 90° ELBOW 60/100 EXTENSION CT ATMOS
- 90° ELBOW D80 EXTENSION CT ATMOS
- 45° ELBOW 60/100 EXTENSION CT ATMOS

