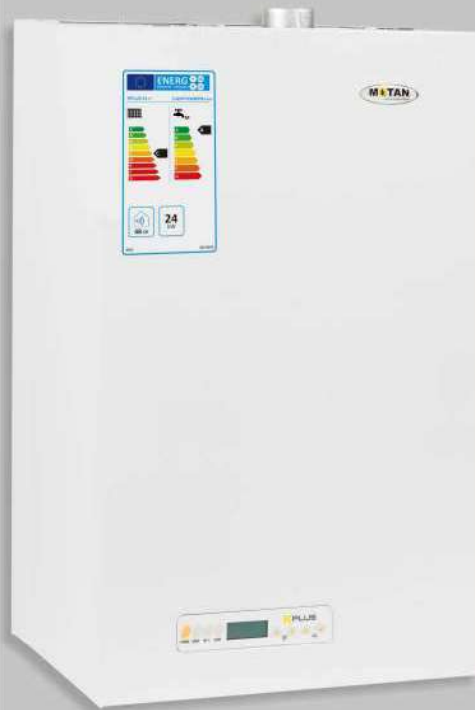
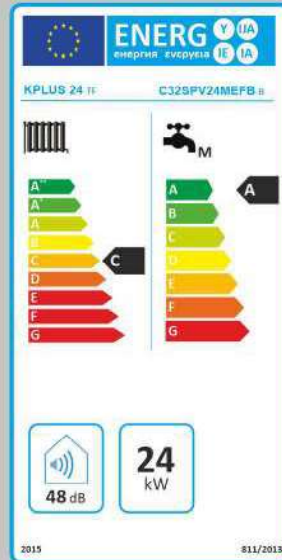


Product code: C32SPV24MEFB-B-ERP / C32SPV24MEFBV3



CONVENTIONAL WALL HUNG GAS BOILER, 24 kW

Comfort, safety and fiability at good price



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

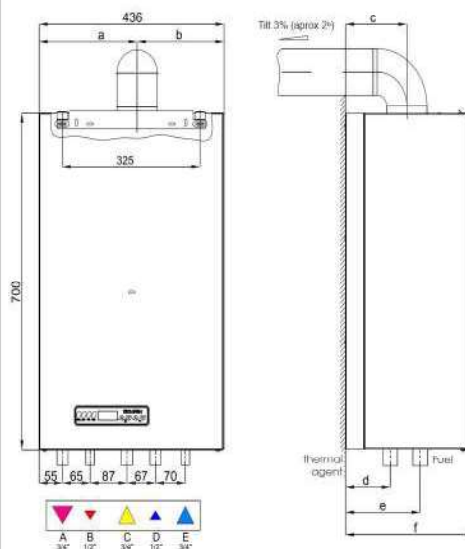
Monothermal secondary
heat exchanger for DHW

Efficiency: 93%

Compact size

Forced draft

Dimensions and mounting positions:



Dimensions (mm):

a - 231 mm
b - 205 mm
c - 145 mm
d - 107 mm
e - 176 mm
f - 306 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:

- Designed and build for maximum operating efficiency and economy - C CLASS EFFICENCY - 3 stars*** (dir. 92/42/CEE)
- DHW Increased comfort: classified 2 stars ** (En13203), respectively class A (regulation 811-814 / 2013 for implementation Eco-design directive (ERP directive) 2009/125 / EC) on the DHW comfort

SAFETY FEATURES

- Overpressure safety valve protects the gas boiler at pressures higher than 3 bar;
- Water temperature sensor in the heating circuit
- Air pressure switch that detects no exhaust flue gases;
- Overheating safety thermostat for the heat exchanger;
- Electronic module of control and command;
- Self-diagnostic performant system;
- Antifreeze performant system;
- Chalk deposits prevention system;
- Antifloking pump system with action every 24h;

Technical and functional characteristics

Type	C32SPV24MEFB-B-ERP C32SPV24MEFBV3 KPLUS TF		
Trade name	***		
Efficiency stars (dir. 92/42/CEE)	***		
Gas type	II2H3B/P, I2H, I2E+, II2ELL3B/P, II2HS3B/P		
Flue type	Forced		
Nox class (G20-I2H)	4		
Thermal efficiency (G20-I2H)	93%		
Nominal power (min./max.) (G20-I2H)	7,4 - 23,2 kW		
Nominal max. consumption	≈ 2,3 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	12 l/min		
DHW comfort - EN13203	***		
DHW energy efficiency class	A		
Construction characteristics	Height (mm)	700	
	Width (mm)	436	
	Depth (mm)	306	
	Weight	32 kg	
	Capacity main heat exchanger	11	
	Conectors	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 ₁₇ , C ₁₇ , C ₁₇ , C ₁₇ , C ₁₇ , C ₁₇ , C ₁₇		
Burnt gases (maximum temperature)	≈ 150 °C		
Electric characteristics	Input	~ 230V/50 Hz	
	Nominal power	82 W	
	Protection class	IP 40	

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



CONVENTIONAL WALL HUNG GAS BOILER

KPLUS 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);
- Ignition transformer ANSTOSS (Austria)
- Safety valve KRAMER (Italy);

LIST OF ACCESSORIES AND OTHER MOTAN PRODUCTS COMPATIBLE WITH KPLUS TF

Product name:

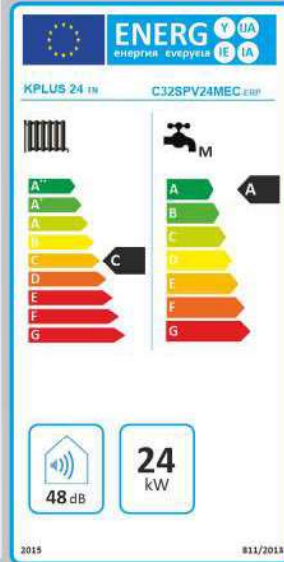
- STORAGE TANK BA120L-V1
- SMART ROOM THERMOSTAT HT500
- WIRELESS ROOM THERMOSTAT HT220S SET
- ROOM THERMOSTAT HT220S
- CASCADE MODULE KOBER
- FILTER WITH TRANSFORMER - 3A
- FILTER WITHOUT TRANSFORMER - 3A
- FILTER WITHOUT TRANSFORMER - 6A
- OUTSIDE TEMPERATURE SENSOR N10
- BOILER TEMPERATURE SENSOR 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



Product code: C32SPV24MEC-ERP

CONVENTIONAL WALL HUNG GAS BOILER, 24 kW WITH NATURAL DRAFT

Comfort, safety and fiability at good price



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

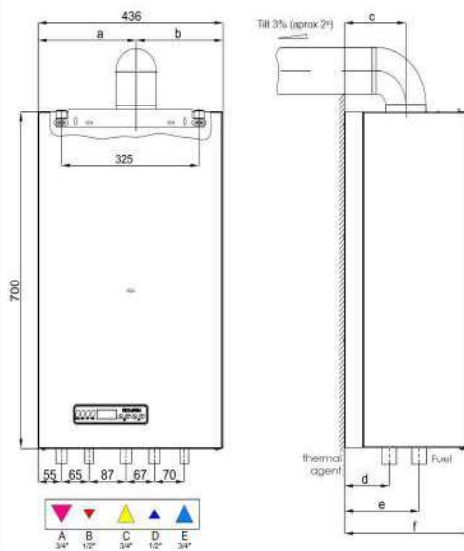
Monothermal secondary
heat exchanger for DHW

Efficiency: 93%

Compact size

Natural draft

Dimensions and mounting positions:



Dimensions (mm):

a - 178 mm
b - 258 mm
c - 172 mm
d - 107 mm
e - 176 mm
f - 306 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:

- Designed and build for maximum operating efficiency and economy - C CLASS EFFICENCY - 3 stars*** (dir. 92/42/CEE)
- DHW Increased comfort: classified 2 stars ** (En13203), respectively class A (regulation 811-814 / 2013 for implementation Eco-design directive (ERP directive) 2009/125 / EC) on the DHW comfort

SAFETY FEATURES

- Overpressure safety valve protects the gas boiler at pressures higher than 3 bar;
- Water temperature sensor in the heating circuit
- Air pressure switch that detects no exhaust flue gases;
- Overheating safety thermostat for the heat exchanger;
- Electronic module of control and command;
- Self-diagnostic performant system;
- Antifreeze performant system;
- Chalk deposits prevention system;
- Antiblocking pump system with action every 24h;

Technical and functional characteristics

Type	C32SPV24MEC-ERP		
Trade name	KPLUS TN		
Efficiency stars (dir. 92/42/CEE)	**		
Gas type	112H38/P, 12H, 12E+, 112ELL38/P, 112HS38/P		
Flue type	Natural		
Nox class (G20-12H)	2		
Thermal efficiency (G20-12H)	93%		
Nominal power (min./max.) (G20-12H)	8,5 - 23,3 kW		
Nominal max. consumption	≈2,4 Nm ³ /h		
Rated pressure gas input (G20-12H)	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	12 l/min		
DHW comfort - EN13203	**		
DHW energy efficiency class	A		
Construction characteristics	Height (mm)	700	
	Width (mm)	436	
	Depth (mm)	306	
	Weight	28 kg	
	Capacity main heat exchanger	1 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	D125	
Length of burnt gases connecting pipe	Coaxial max 3m; Dual 5m*		
Evacuation type	B ₁₁		
Burnt gases (maximum temperature)	≈138°C		
Electric characteristics	Input	~230V/50 Hz	
	Nominal power	72 W	
	Protection class	IP 40	

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


KPLUS TN WALL HUNG GAS BOILER INTEGRATE COMPONENTS OF THE BEST QUALITY:

- Circulation pump GRUNDFOS (Denmark);
- Gas valve SIT (Italy);
- Burner WORGAS (Italy);
- Primary heat exchanger VALMEX (Italy)
- Expansion vessel ZILIO (Italy);
- Brass hydroblock Fugas (Italy);
- Safety valve KRAMER (Italy);

CONVENTIONAL WALL HUNG GAS BOILER

LIST OF ACCESSORIES AND OTHER MOTAN PRODUCTS COMPATIBLE WITH KPLUS TN
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

