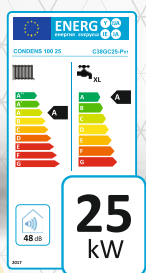


A white industrial oven with a digital display. The display shows two temperatures: 75C and 55C, and a pressure reading of 12 bar. The brand name MOTAN is visible above the display. The oven has a green side panel.

- ◆ The top model in the range of MOTAN boiler;
- ◆ New design, with 4.3 inch backlight display (visible area);
- ◆ Up to 106% efficiency and 1:10 modulation ratio;
- ◆ Friendly enviroment - during operation releases significantly reduced amounts of NO_x, CO and CO₂
 - Class NO_x 5;
- ◆ High comfort on DHW circuit - OVERSIZED secondary heat exchanger;
- ◆ Designed and build for maximum operating efficiency and economy according to the latest European legislative requirements;
- ◆ STAINLESS STEEL primary heat exchanger;
- ◆ The possibility of connecting a chrono-thermostat, remote control panel and/or external temperature probe;



Model	C38GC25-12H
Trade name	CONDENS 100 25
Efficiency stars (dir. 92/42/CEE)	★★★★
Gas category to be used	G20-I2H
Flue type	Forced, variable speed fan
Nox class (G20-I2H, G24, G25.1, G31)	5
Heating energy efficiency class	A
Max power (80/60°C)(G20-I2H)	25,6 kW
Max power (50/30°C - condensing)(G20-I2H)	28,2 kW
Output performance at nominal heat input at (80/60°C)(G20-I2H)	97%
Output performance at nominal heat input (50/30°C - condensing)(G20-I2H)	106%
Max gas nominal consumption	≈ 2,82 Nm³/h
Gas pressure (G20-I2H)	20 mbar
Gas pressure (GN)	35 mbar
Maximum pressure on CH circuit	0,8 ÷ 3 bar
Temperature adjustment interval CH	30 ÷ 80°C
Temperature adjustment interval underfloor	15 ÷ 45°C
Maximum pressure on the hot water circuit	0,2 ÷ 8 bar
Temperature adjustment interval	35 ÷ 55°C
Hot water flow at $\Delta T = 30^\circ\text{C}$ (flow restrictor 12l/min)	13,5 l/min
DHW Confort EN 13203	★★★★
DHW efficiency class	A, load profile XL

Constructive features	Height (mm)	750	
	Width (mm)	400	
	Depth (mm)	345	
	Weight	35 kg	
	Primary heat exchanger capacity	1,4 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 20m; Dual max 20m*		
Evacuation type	B ₁₂ , B ₁₅ , C ₁₃ , C ₁₅ , C ₁₇ , C ₂₀ , C ₂₂ , C ₂₅ , C ₂₇ , C ₃₀ , C ₃₂ , C ₃₅ , C ₃₇ , C ₄₀ , C ₄₂ , C ₄₅ , C ₄₇ , C ₅₀ , C ₅₂ , C ₅₅		
Flue temp.	≈ 70°C		
Electrical characteristics	Power	~ 230V/50 Hz	
	Nominal power	81 W	
	Protection class	IP 40	



MOTAN wall hung gas boilers
integrate components
of the best quality:

- ◆ Condensing heat exchanger Circond - Valmex (Italy);
- ◆ Circulation pump GRUNDFOS (Denemark);
- ◆ Gas valve SIT (Italy);
- ◆ Build-in gas-air nozzle fan SIT (Italy);
- ◆ Brass hydroblock Fugas (Italy);
- ◆ Safety valve Kramer / Bitron (Italy);
- ◆ Expansion vessel ZILIO (Italy);

* The standard gas boiler is delivered with dual coaxial kit as accessory; dual kit is delivered as accessory on demand