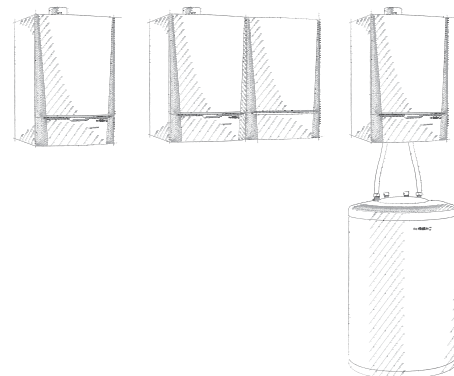




Innovens

WALL-HUNG GAS-FIRED BOILER CONDENSING

ADVANCE



Condensing at the cutting edge of innovation

- >> Environmental friendliness and energy savings
- >> New intelligent control system
- >> Comfort and performance



SOLAR
SOLID FUEL
HEAT PUMPS
CONDENSING OIL/GAS

De Dietrich
Sustainable Comfort®





Innovative technologies

Economical and environmentally friendly

- New ultra-responsive exchanger

High energy performance

- Broad range of burner modulation from 22 to 100%
- Complies with the Eco-design, and even better performance with a room sensor (except for 10 kW model)



- Remote control with room sensor

New design

- Sober and modern aesthetics

Easy Installation and maintenance

- Mounting frame and inside lighting

Adjustable circulator with high energy efficiency

- Reduction in electricity consumption and lower noise levels on models equipped with it.

Customised comfort

- Perfect hot water comfort with integrated or separate hot water tanks

New Diematic iSystem control system

- New programming ergonomics with rotary button and large LCD display

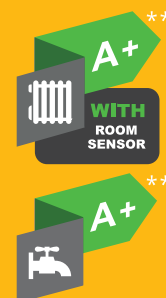
* Without version 10 kilowatts

** Except for the version MCA 25/28 BIC, MCA 10/BS 130 and MCA 15 BS 130



ENERGY SAVINGS
OF UP TO

30%*



DHW OUTPUT
UP TO

200 l/10 min

Environmental friendliness and energy savings

By using the heat in the water steam contained in the flue gases, condensation allows you to heat more with less energy and less emissions into the atmosphere.

An intelligent solution

Fitted with a new control system and a modulating gas burner, Innovens guarantees optimal comfort. The new Diematic iSystem control system, the very nerve centre of the installation, is very intuitive. Programmable day by day, it lowers your heating bills!

Maximum comfort

For domestic hot water, comfort means being able to take advantage of a regular and stable temperature at any time, with no exceptions. With Innovens wall-hung boilers, you can enjoy abundant, perfectly cleanness hot water.

With Advance,
demand the best for
you and for the planet.



* Savings compared to an oil-fired boiler, 20 years old, without programming
** Without version 10 kilowatts
*** Except for the version MCA 25/28 B/C, MCA 10/BS 130 and MCA 15 BS 130

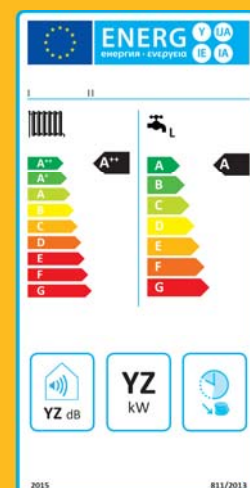


With Eco-Solutions, De Dietrich thought at first of you

Created by De Dietrich, the **ECO-SOLUTIONS** label guarantees you a range of products in line with European Directives on Ecodesign and Energy Labelling. These Directives are into effect since the 26 September 2015 and apply to heating and domestic hot water production appliances.

With De Dietrich **ECO-SOLUTIONS**, you can benefit from the latest generation of multienergy systems, easier to use, with better performance and energy savings, designed to give you greater comfort while caring for the environment. **ECO-SOLUTIONS** also mean expertise, advice and a wide range of services from the De Dietrich professional network.

The energy label, in combination with the **ECO-SOLUTIONS** label, will provide you with information on the product's performance. More info at ecodesign.dedietrich-heating.com

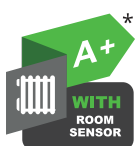




High performance and environmentally friendly

Economical and environmental friendly

By using the heat of the steam contained in the flue gases, **condensing technology optimises the slightest portion of energy** and gives it back to you. **Innovens guarantees up to 109% efficiency.**



- Combining Innovens with a remote control fitted with a room sensor, its energy performance is significantly improved, according to the Eco-design directive.
- Moreover, the new burner, which modulates the output from 22% to 100%, according to your needs, guarantees you the most accurate consumption and a **major emission decrease (-50%)**.



Customised comfort hot water in abundance

Whatever your hot water needs, De Dietrich has designed a complete range of boilers with domestic hot water tanks, from 10 to 35 kW:

- A compact solution:** in the mixed version, output is boosted to 28 kW and the stainless steel plate exchanger is large in dimension. Result: major DHW performances with a **flow rate of 14 l/min.**
- An all-in-one solution:** in the BIC version, the boiler is fitted with 40 litres of storage in the form of 3 fully insulated stratification stainless-steel tanks. Result: a **maximum flow rate of 20 litres a minute.**
- A designer solution:** a model with a **separate 60-litre hot water tank**, with an enamelled tank protected by Titan Active System.
- A comfort solution:** a model with a **separate 130-litre hot water tank**, placed under the boiler, with a **flow rate over 10 minutes of up to 200 litres.**

AVANTAGE
DHW output up to
200 l in 10 min



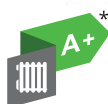
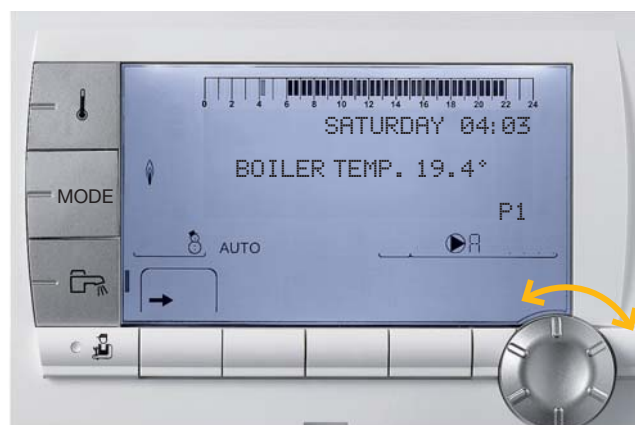
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Intelligent system: new Diematic iSystem control system

The result of De Dietrich's advanced research, Diematic iSystem is the new control system at the heart of the installation, designed to obey your every command to the letter. At one and the same time, it is:

- INNOVATIVE:** high-tech design with a new extra-wide LCD display, rotary button and sensitive keys.
- INTUITIVE:** simple to browse through and easy to read. Integrated mini-instructions. Text-based system. Option of naming the circuits for better understanding.
- INTELLIGENT:** extended functionalities and options.
- INTERACTIVE:** can be integrated into a centralised home automation system.

Combining a remote control with room sensor along with your Diematic controller, your boiler's performance increases and the Innovens heating performance rises from A to A+!

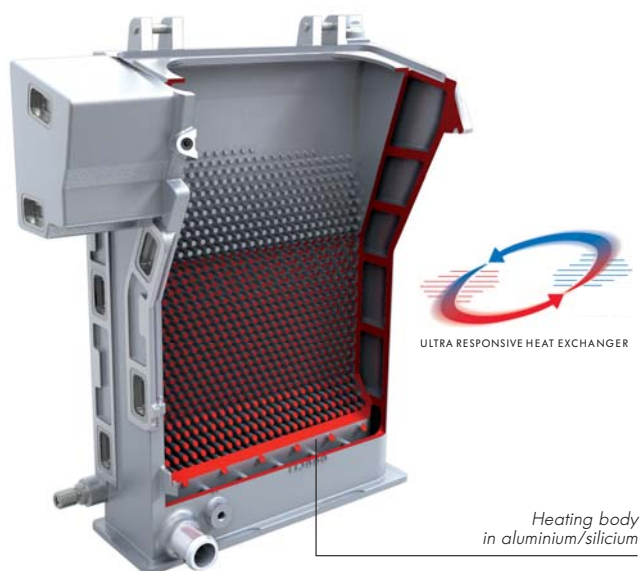


* Without version 10 kilowatts



Serenity

Particularly silent, Innovens takes advantage of cutting edge acoustic design: variable flow rate electronic pump and silencer on the air intake.



Installation and maintenance: the sense of simplicity

Innovens Advance guarantees you easy installation and maintenance. **Whether on chimney or FF installation, the boiler can be adapted, with or without forced flue, to all configurations.**

- They operate on natural gas or propane.
- They can be fitted in anywhere thanks to their compactness (H 69 cm x W 45 cm x D 45 cm) and their feather-light weight (34 kg).
- **Access to components is easy.** When you remove the front panel from the boiler, a very practical inside light facilitates access to all components.
- They can be easily installed due to the mounting frame.



Innovens MCA 15

ADVANTAGE

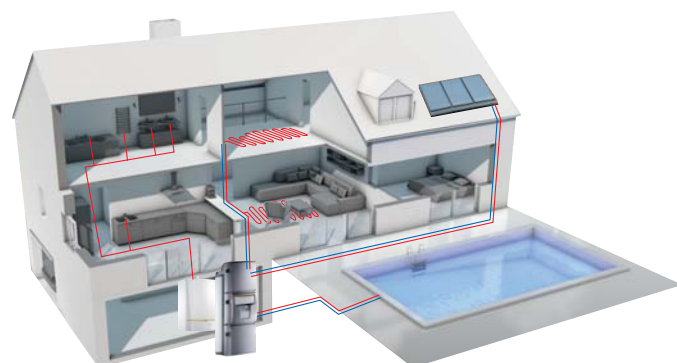
All configurations possible

Multi-energy systems: up to 40 % energy savings

Whether you are replacing or installing new, you can combine your Innovens boiler with other energy sources: solar systems, wood-fired or heat pump.

For instance, combining Innovens with a Dietrisol Quadro solar water heater (for producing domestic hot water and heating support) together with Dietrisol PRO solar sensors gives you up to 40% energy savings*.

* Savings compared to an oil-fired boiler, 18 to 20 years old, without programming.



Your heating project

Decide your needs

Heating only	Apartment		House	
Innovens MCA 10 - 15 - 25 - 35 (10 - 15 - 25 - 35 kW)	✓		✓	
Heating + domestic hot water				
Innovens MCA 25/28 MI with micro-storage	✓			
Innovens MCA BIC	✓		✓	
Innovens MCA 15 / 25 BS 60 (15 - 25 kW)	✓		✓	
Innovens MCA 10 / 15 / 25 BS 130 (10 - 15 - 25 kW)		✓	✓	✓

This information is given as a rough guide for typical housing units. It is imperative that you refer to the recommendations of your installer / heating specialist who will suggest the most suitable solution for your project.

MODELS

	MCA 10	MCA 15	MCA 25	MCA 35
Gas	All natural gas and propane			
Boiler type	Condensing			
PERFORMANCE Heating	A	A ⁺	A ⁺	A ⁺
PERFORMANCE Hot water	B	A ^{**}	A ^{**}	A
Output	from 3.4 to 11.2 kW	from 3.4 to 15.8 kW	from 5.6 to 25.5 kW	from 7.0 to 35.9 kW
Functions				
Heating only	•	•	•	•
Heating + hot water with micro-storage			MCA 25-28 MI	
Heating + hot water with storage:				
- 40-litre tank in the form of 3 insulated storage tanks			MCA 25-28 BIC	
- 60-litre hot water tank to the right or left of the boiler		MCA 15 BS 60	MCA 25 BS 60	MCA 35 BS 60
- 130-litre hot water tank under the boiler	MCA 10 BS 130	MCA 15 BS 130	MCA 25 BS 130	MCA 35 BS 130
Connection				
Chimney	•	•	•	•
Forced flue	•	•	•	•
Control system				
Diematic iSystem with an outdoor sensor	•	•	•	•

* Using the following equipment: outdoor probe + adjustable roomstat. Without this additional equipment, heating performance is A.

** By choosing the model MCA 15 or MCA 25-28 BIC, the performance of hot water will be B.

Dimensions and weight:

H = Height, W = Width, D = Depth



H 690 mm
W 450 mm
D 450 mm
34 kg

**MCA 10 / 15 / 25 / 35
MCA 25-28 MI**



H 900 mm
W 600 mm
D 498 mm
70 kg

MCA 25-28 BIC



H 690 mm
W 900 mm
D 450 mm
91 kg

**MCA 15 / 25 / 35
BS 60**



Boiler	Hot water tank
H 690 mm	H 912 mm
L 450 mm	Ø 570 mm
P 450 mm	63 kg
34 kg	

**MCA
10 / 15 / 25 / 35
BS 130**

A FRENCH QUALITY MARK

For over 3 centuries, De Dietrich has based its success on an unchanging demand for quality, reliability and durability. As a forerunner in the field of environmentally-conscious heating technologies,

De Dietrich has steadily pursued a dual objective: to protect the planet, while offering you the best in comfort. At the cutting edge of innovation, De Dietrich multi-energy systems make a significant contribution to cutting your energy consumption and your CO₂ emissions. Choosing De Dietrich means investing in a heating solution that will ensure your well-being and peace of mind. For a long time.

De Dietrich: the choice for Sustainable Comfort®



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Your installer: