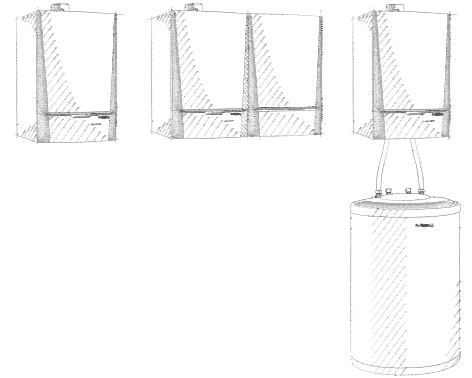


Innovens

ADVANCE



Condensing at the cutting edge of innovation

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

INNOVATIVE TECHNOLOGIES



Economical and environmentally friendly

- New ultra-responsive exchanger

Easy Installation and maintenance

- Mounting frame and inside lighting

New design

- Sober and modern aesthetics

Customised comfort

- Perfect water quality with DHW solutions fitted with tanks with a high quartz content

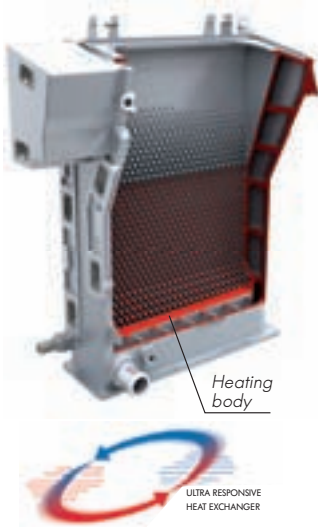
High energy performance

- Broad range of burner modulation from 22 to 100%

New Diematic iSystem control system

- New programming ergonomics with rotary button and large LCD screen





ECONOMICAL AND ENVIRONMENTALLY FRIENDLY TOGETHER FOR THE BEST

ADVANTAGE
30% energy savings

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

- Thanks to the condensing design, the modulating burner and a new ultra-responsive exchanger, you can make savings of up to 30% compared with boilers of older generations.
- Moreover, the new burner, which modulates in output from 22% to 100%, according to your needs, guarantees you the most accurate consumption and a big reduction in pollutant emissions of up to 50%.
- Particularly quiet, Innovens takes advantage of cutting edge acoustic treatment: variable flow rate electronic pump and silencer on the air intake.



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 screen, 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.



>> CALCULATE YOUR NEEDS

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.

CUSTOMISED COMFORT

HOT WATER IN ABUNDANCE

ADVANTAGE

Flow rate up to 200 l in 10 min

To provide a response to each of your comfort needs, De Dietrich has designed a complete range from 15 to 25 kW incorporating:

- 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.
- 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.



INSTALLATION AND MAINTENANCE

THE SENSE OF SIMPLICITY

LIGHT
INSIDE

Innovens Advance guarantees you easy installation and maintenance. Whether or not you have a chimney, the boiler can be adapted, with or without forced flue, to all configurations.





ADVANTAGE

All configurations possible

- 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 thanks to the mounting frame.



Innovens MCA 15

Heating only	Apartment		House ≤ 150 m ²	
Innovens MCA 15 - MCA 25 (15 - 25 kW)	•		•	
Heating + domestic hot water				
Innovens MCA 25/28 MI with micro-storage	•			
Innovens MCA 15 / 25 BS 60 (15 - 25 kW)	•		•	
Innovens MCA 15 / 25 BS 130 (15 - 25 kW)		•	•	•



HIGH PERFORMANCE

The new Innovens wall-hung condensing boilers, already a reference in heating and high performance technology: new sober and modern design, new ultra-responsive exchanger, new Diematic iSystem control system... You have the guarantee of heating better with less energy whilst respecting the environment.



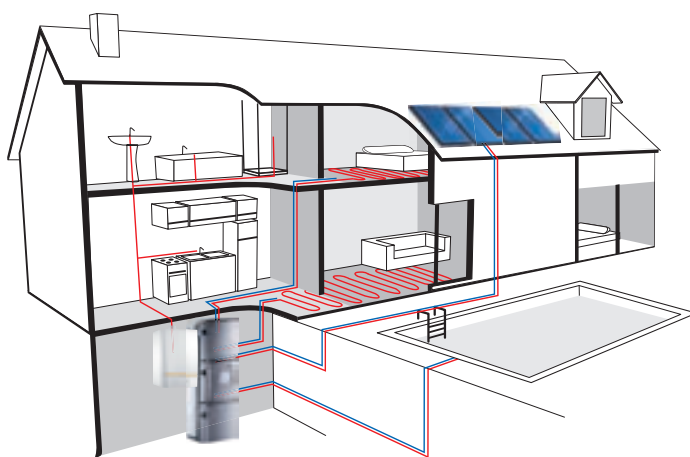
A RESPONSE THAT MEETS YOUR EXPECTATIONS

An intelligent, comprehensive and evolutive solution

Innovens guarantees you a comprehensive, ultra-efficient solution with the new Diematic iSystem control system, the brain of your installation. It also offers new, more intuitive programming ergonomics: the turn/push principle, a conversational system in plain text, with integrated mini-instructions. Programmable day by day, you can thus make real energy savings.

Multi-energy systems: up to 40% savings

Whether you are renovating or building a new property, you can combine your Innovens boiler with other energies: solar systems, wood or heat pump. For example, by combining Innovens with a Dietrisol Quadro solar hot water tank (for the production of domestic hot water and additional heating) associated with Dietrisol PRO solar collectors, you can make energy savings of up to 40% (compared with an 18 to 20 years old oil-fired boiler with no control system).



ADVANCE: THE BEST FOR YOU AND THE PLANET

MODELS

	MCA 15	MCA 25
Gas	All natural gas and propane	
Output	from 3.2 to 14.8 kW	from 4.5 to 24.9 kW
Boiler type	Condensing	
Functions		
Heating only	•	•
Heating + hot water with micro-storage		MCA 25-28 MI
Heating + hot water with storage:		
- 60-litre hot water tank to the right or left of the boiler	MCA 15 BS 60	MCA 25 BS 60
- 130-litre hot water tank under the boiler	MCA 15 BS 130	MCA 25 BS 130
Ignition		
Electronic	•	•
Connection		
Chimney	•	•
Forced flue	•	•
Control system		
Diematic iSystem	•	•

Dimensions and weight:

H = Height, W = Width, D = Depth



H 690 mm
W 450 mm
D 450 mm
34 kg

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



H 690 mm
W 900 mm
D 450 mm
91 kg

MCA 15 / 25 BS 60



Boiler	Hot water tank
H 690 mm	H 912 mm
W 450 mm	Ø 570 mm
D 450 mm	63 kg
34 kg	

MCA 15 / 25 BS 130

A MARK OF EXCELLENCE

For 300 years, success, to De Dietrich, has meant making demands based on real values: quality, reliability, sustainability. Through its concern for the environment and for your comfort, De Dietrich now has a comprehensive understanding of the various renewable energies, thanks to multi-energy systems which protect the planet. Thus, heating appliances which bear the De Dietrich name are at the cutting edge of innovation and have the advantage of optimal quality and rare longevity thanks to the commitment of 2,400 employees backed up by know-how of long standing.

De Dietrich: choosing Sustainable Comfort®

Your installer: