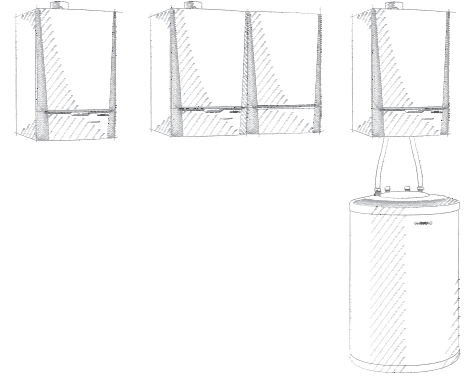


# Innovens

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 hot water comfort with integrated or separate hot water tanks

## 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 display





**ADVANTAGE**  
**30 %**  
**energy savings**

## Economical and environmental friendly

**1** 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.**

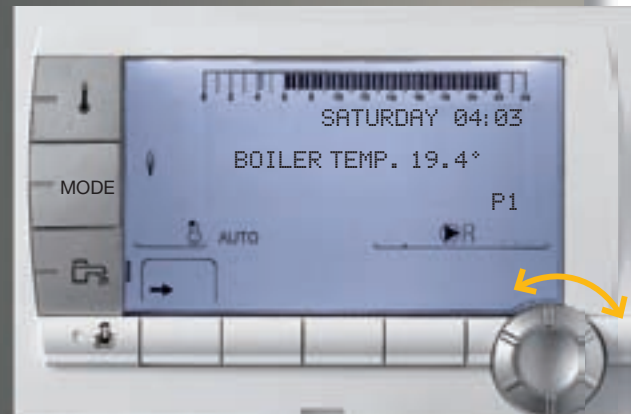
- Thanks to the condensing design, the modulating burner and a new ultra-responsive heat exchanger, you can make savings of **up to 30%** compared to old-generation boiler.
- Moreover, the new burner, which modulates the output from 22% to 100%, according to your needs, guarantees you the most accurate consumption and a **major emission decrease (-50%)**.
- Particularly silent, Innovens takes advantage of cutting edge acoustic design: variable flow rate electronic pump and silencer on the air intake.

## Intelligent system: new Diematic iSystem control system

**2**

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.



## >> 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.

## ADVANTAGE

DHW output up to 200 l in 10 min



## Customised comfort hot water in abundance

3

Whatever your hot water needs, De Dietrich has designed a complete range of boilers with domestic hot water tanks, from 15 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.**

## Installation and maintenance: the sense of simplicity

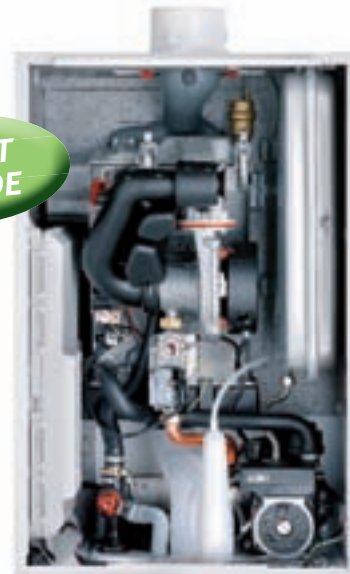
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Innovens Advance guarantees you easy installation and maintenance. **Whether on chimney or FF installation, the boiler can be adapted, with or without forced flue, to all configurations.**





- 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.**

## ADVANTAGE

All configurations possible



Innovens MCA 15

Heating only	Apartment		House ≤ 150 m <sup>2</sup>	
Innovens MCA 15 - MCA 25 - MCA 35 (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 15 / 25 BS 130 (15 - 25 kW)		•	•	•



## HIGH PERFORMANCE AND ENVIRONMENTALLY FRIENDLY

With the new Innovens wall-hung condensing boilers, heat more efficiently while protecting the environment.



### A response that meets your expectations

#### 1. 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.

#### 2. 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!

#### 3. Maximum comfort

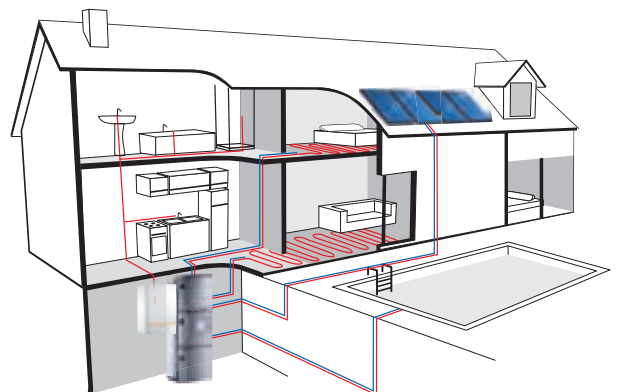
For domestic hot water, comfort means being able to take advantage of a regular and stable temperature at any time, with no exceptions. With Innovens wall-hung boilers, you can enjoy abundant, perfectly cleanness hot water.

### 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).

\* Savings made compared with an 18 to 20 year old oil-fired boiler with no control system.



**ADVANCE :** DEMAND THE BEST FOR YOU AND THE PLANET

## MODELS

	MCA 15	MCA 25	MCA 35
<b>Gas</b>	All natural gas and propane		
<b>Output</b>	from 3,2 to 14,8 kW	from 4,5 to 24,9 kW	from 7,0 to 35,9 kW
<b>Boiler type</b>	Condensing		
<b>Functions</b>			
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 15 BS 130	MCA 25 BS 130	MCA 35 BS 130
<b>Ignition</b>			
Electronic	•	•	•
<b>Connection</b>			
Chimney	•	•	•
Forced flue	•	•	•
<b>Control system</b>			
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 / 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  
H 690 mm  
W 450 mm  
D 450 mm  
34 kg

Hot water tank  
W 912 mm  
Ø 570 mm  
63 kg

**MCA 15 / 25 / 35  
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: