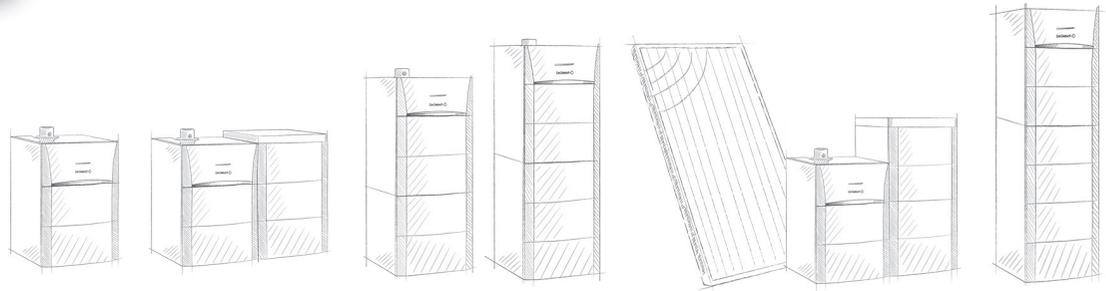




# Modulens G

FLOOR-STANDING GAS CONDENSING BOILER

**ADVANCE**



## Condensing in excellence mode

- >> Environmental friendliness and energy savings
- >> Maximum domestic hot water comfort
- >> Compatible with renewable energies



SOLAR  
SOLID FUEL  
HEAT PUMPS  
CONDENSING OIL/GAS

**De Dietrich**   
Sustainable Comfort®



# Excellence and savings

## Annual efficiency up to 109%

- For a broad power range: 10, 15, 25, 35 kW
- Complies with Eco-design requirements



## Perfect adaptation of output to needs

- Burner modulating from 22 to 100%

## Compactness and ultra-responsive behaviour

- New monobloc heat exchanger in cast aluminium-silicium

## As much hot water as you need

- 100-litre stratification tank, 160-litre with coil and 220-litre solar stratification to cover every need



## Maximum comfort

- Diematic iSystem control system, with integrated control panel: user friendly, intuitive, intelligent and systems oriented

## Adjustable circulator with a high efficiency index

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



## Beautiful design

- Perfect integration of boiler and tank modules in one harmonious, beautifully designed unit

Modulens AGC 25/ V160SL



**ENERGY SAVINGS**

OF UP TO

**30%\***

**HIGH EFFICIENCY**

UP TO

**109%**

### The environment protected

Modulens G boilers respect the environment in every way. The condensation technique limits the quantity of energy used and the modulating gas burner reduces pollutant emissions to the minimum.

### An intelligent system

In terms of comfort, the very efficient Diematic iSystem control system allows you to manage and meet your heating and domestic hot water needs as accurately as possible.

### Multi-energy system: 60% savings

Whether in renovation or new build, you can combine your Modulens G condensing gas boiler with other energies: solar systems, wood-fired or heat pumps.

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



\* Savings compared with an 18 to 20 year old boiler without control system

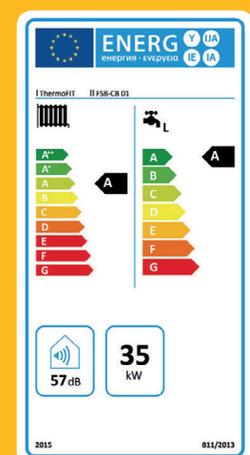


### With Eco-Solutions, De Dietrich thought at first of you

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](http://ecodesign.dedietrich-heating.com)





# The high performance solution for your comfort

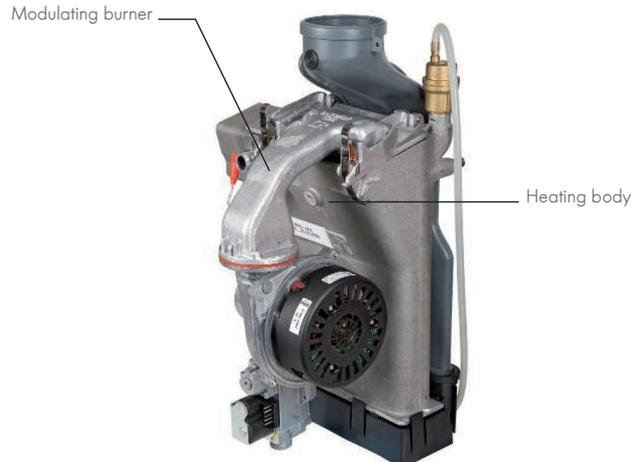
## High performance

By using the heat in the steam contained in the flue gases, condensing technology makes the most of the very last drop of energy and gives it back to you. Modulens G guarantees **high efficiency: up to 109% for a broad range of outputs from 10 to 35 kW.**



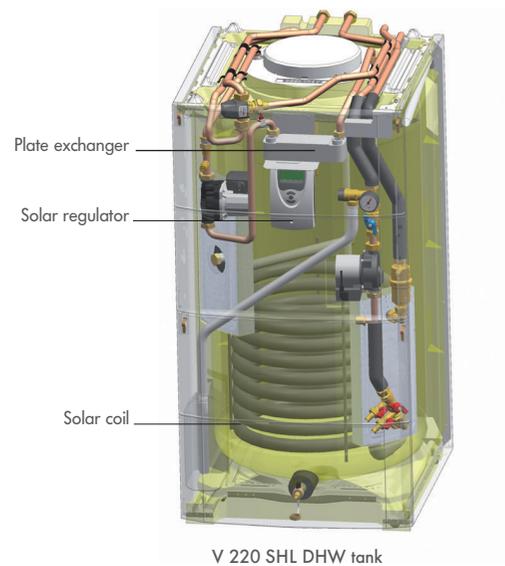
Modulens G complies with Eco-design and energy labelling requirements, with class A heating and hot water performance.

- Thanks to condensing, the modulating burner and a new ultra-responsive exchanger, you can make **savings of up to 30%** compared with older generation boilers.
- Moreover, the new burner, which output modulation from 22% to 100%, according to your needs, guarantees **you the most accurate consumption and a big reduction in pollutant emissions: up to 50%.**
- The fully equipped versions include an A-class modulating pump to **save on electricity consumption** (excluding 35 kW).



## Domestic hot water: maximum comfort

Modulens G can be combined with **several types of tanks (stratification, coil or solar)** to satisfy your every domestic hot water need. They are fitted as standard with the **Titan Active System\***, guaranteeing perfect conservation of the water and the long life of the installation, maintenance-free.



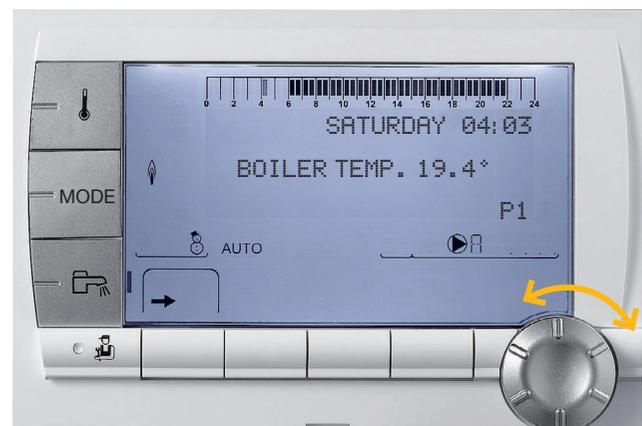
\*Only on the Modulens G 15-25 kW models.

- Tanks of 100, 160 or 220 litres (solar version) that can be placed under the boiler or next to it for the 160 and 220 versions.
- Tank in steel and high quartz content vitrified enamel for **very high quality water conservation.**
- Plate exchanger combined with 100- and 220-litre stratification tanks to **heat your domestic hot water even faster.**

## 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.



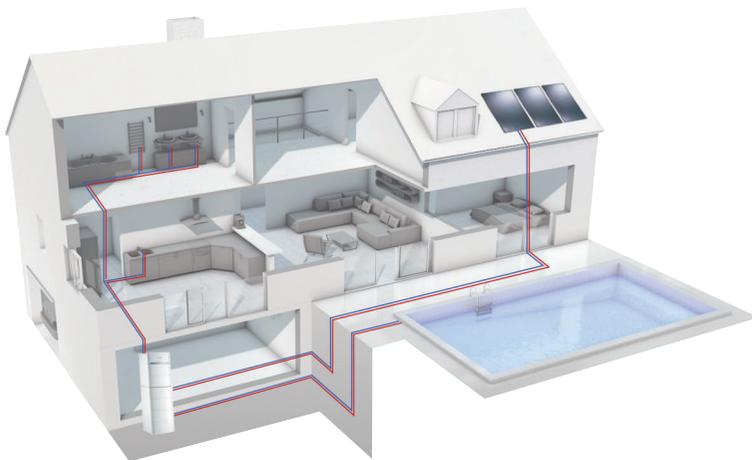


## Easy installation and maintenance

All versions of Modulens G come ready for connection for quick and easy installation.

- The modularity of the **column or juxtaposed solutions** means that the boiler can be installed anywhere.
- All components are **accessible from the front** of the boiler. With **back-lighting inside** the boiler, **maintenance is child's play**.
- Factory-tested, the boilers and tanks are delivered fully assembled and equipped for fast installation.
- Option of **forced flue** or chimney connection.

Even greater savings and protecting the planet



## Solution compatible with: solar, heat pump

Whether in new build or renovation, the Modulens G boiler is 100% compatible with multi-energy solutions.

- The Diematic iSystem control system can be used for the **combined management of Modulens G with a heat pump**, for example.
- You can therefore make energy savings of up to 60% (compared with an 18 to 20 year old boiler without control system).
- It is also possible to **combine Modulens G with a solar tank type V or B 220 SHL** by adding solar collectors to take advantage of 60% of your hot water absolutely free.
- Exclusive to De Dietrich, the solar collectors use a **heat-carrying fluid which is 100% plant-based, more environmentally friendly** and sustainable for the installation.

### ADVANTAGE

a compact solution that fits in anywhere



## Your heating project

### Decide your needs

Heating only	Apartment		House ≤ 150 m <sup>2</sup>		Large detached house	
Modulens AGC 10-15-25 (10 - 25 kW)	✓		✓			
Modulens AGC 35 (35 kW)					✓	
Heating + domestic hot water	≤ 90 m <sup>2</sup>	> 90 m <sup>2</sup>	≤ 90 m <sup>2</sup>	≤ 150 m <sup>2</sup>	normal use	intensive use
Modulens AGC 10-15 15 kW with 100-litre tank under the boiler or 160-litre tank underneath or next to the boiler	✓	✓	✓	✓		
Modulens AGC 25-35 25 or 35 kW with 100-litre tank under the boiler or 160-litre tank underneath or next to the boiler			✓	✓	✓	✓
Modulens AGC 15-25-35 15, 25 or 35 kW with 220-litre solar tank underneath or next to the boiler	✓	✓	✓	✓	✓	✓

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

## MODELS

	AGC 10/15	AGC 15	AGC 25	AGC 35
<b>Gas</b>	All natural gas or propane			
<b>PERFORMANCE</b> Heating	A	A	A	A
<b>PERFORMANCE</b> Hot water	A	A	A	A
<b>Output heating</b>	from 3.4 to 11.2 kW	from 3.4 to 15.8 kW	from 5.6 to 25 kW	from 7 to 35.9 kW
<b>Output DHW</b>	14.5 kW	14.5 kW	28 kW	34 kW
<b>Boiler type</b>	Condensing or combined condensing and solar			
<b>Functions</b>				
Heating only	•	•	•	
Heating + storage hot water:				
- 100-L calorifier integrated under the boiler	•	•	•	•
- 160-L calorifier placed under the boiler (V version vertical or VL version horizontal)	•	•	•	•
- 160-L calorifier placed beside the boiler (B version)	•	•	•	•
- 220-L solar calorifier placed under the boiler (V version)	•	•	•	•
- 220-L solar calorifier placed beside the boiler (B version)	•	•	•	•
<b>Ignition</b>				
Electronic	•	•	•	•
<b>Equipment</b>				
Models equipped with: A-class modulating circulating pump, expansion vessel, pressure gauge, safety valve, automatic air vent integrated in the boiler	•	•	•	• (excluding expansion vessel)
<b>Connection</b>				
Chimney	•	•	•	•
Forced flue	•	•	•	•
<b>Control system</b>				
DIEMATIC iSystem	•	•	•	•

### Dimensions and weight:

H = Height, W = Width, D = Depth



H 84.4 cm  
W 60 cm  
D 68 cm  
from 54 to 60 kg

AGC 10/15  
15-25-35 kW  
Heating only



H 140.8 cm  
W 60 cm  
D 73 cm  
from 107 to 113 kg

AGC / V 100 HL



H 140.8 cm  
W 60 cm  
D 101.4 cm  
from 139 to 145 kg

AGC / VL 160 SL



H 168.8 cm  
W 60 cm  
D 73 cm  
from 134 to 140 kg

AGC / V 160 SL



H 91.8 cm  
W 120 cm  
D 73 cm  
from 136 to 142 kg

AGC / B 160 SL



H 196.8 cm  
W 60 cm  
D 73 cm  
from 179 to 185 kg

AGC / V 220 SHL



H 120.1 cm  
W 120 cm  
D 73 cm  
from 183 to 190 kg

AGC / B 220 SHL

## 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 CO<sub>2</sub> 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®*

Your installer:

# De Dietrich

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