

# GlenFarrow

BIOMASS BOILERS

Launch price  
€10,000  
excluding delivery and VAT

GF50  
biomass  
wood log boiler



# Why choose the GF50 wood log boiler?

The GF50 wood log boiler has been designed for smaller installations and is ideal for residential and small workshop applications. It can be supplied and installed by GlenFarrow or we can supply the boiler for your own professionals to install.

## Key features

- **Small footprint, big combustion chamber** - the boiler (excluding flue) measures just 1.64m deep x 1.03m wide x 1.78m high, chamber measures 95cm deep x 60cm wide x 50cm high.
- **Pre-plumbed** - ensures straightforward installation and easy integration with existing heating systems.
- **Simple to use** - it's easy to load the boiler with logs and it's fitted with a clear and straight forward control panel.
- **Integral 1,250l accumulator tank** – ensures the system is quick to heat up and stays hot even if the boiler runs out of fuel, improves heat retention and helps reduce costs.
- **Thermostatic loading valve** - allows heat to be used for a longer period and helps extend the life of the boiler.
- **High capacity water jacket** - ensures maximum heat use and rapid heating.
- **Insulated door** - prevents heat loss.
- Manufactured in the EU.
- Designed specifically for those wanting to reduce reliance on fossil fuels for hot water and heating.

## Applications

- Larger residential properties
- District heating systems (multiple smaller residential properties)
- Offices
- Workshops
- Farm buildings
- Garages
- Mechanical workshops
- Swimming pools
- Linked buildings
- Many more

## Robust and reliable

Designed and manufactured by GlenFarrow in the EU, the boiler is of the highest quality and is fabricated to ensure durability and long life.

For more information or to make an enquiry, please get in touch.  
Call us on 01 5314994 or e-mail [info@glenfarrow.com](mailto:info@glenfarrow.com)



Over 1,000 successful boiler installations

## How it works

**In brief:** The boiler, its water jacket, the accumulator tank and thermostatic loading valve all work together to ensure your boiler is as efficient as possible, is quick to provide heat, stores heat effectively and makes use of that stored heat to provide continuous heating, even if your boiler goes out for a while.

**In detail:** When you first light your boiler, rather than trying to heat up all the water in the 1,250l accumulator tank at once, the system first heats the relatively small amount of water in the water jacket around the boiler. It takes only a short while to bring this up to temperature and, once this has occurred, the accumulator tank and the thermostatic loading valve start to work in tandem to progressively heat all the water in the tank while already providing hot water to your system. The accumulator tank stores heat from the boiler for when you need it and is heavily insulated to ensure that heat is maintained for as long as possible should your boiler run out of fuel.

## Flues

- The GF50 biomass boiler is supplied with a starter 1m stainless steel flue (internal dimensions 150mm twin wall).
- Additional flue sections are available.
- Powder coated flues are available.

## Frequently asked questions

**Q. Is the GF50 suitable for new properties?**

A. Yes - the boiler can be easily integrated into heating systems for new properties.

**Q. Can the GF50 be integrated into my existing heating system?**

A. Yes - the GF50 can be used in conjunction with existing fossil fuel heating systems.

**Q. How far away from my property should the boiler be sited?**

A. It can be sited up to a maximum of 100m from your property but the closer the better.

**Q. Will I need to do any preparation work before my boiler is delivered?**

A. The boiler will need a concrete pad of at least 1.64m x 1.03m that can tolerate its final, filled weight of 2.25 tonnes.

## Illustration of heat output and loading requirements:

**Q. How much heat will my boiler produce?**

A. 15kg of log fuel\* will produce approximately 45kWh of heat.

**Q. How often will I need to fill my GF50 boiler?**

A. Filling your GF50 boiler with 15kg of fuel\* twice per day in normal weather (three times in cold weather) should provide heat and hot water for an average 4 bedroom detached house\*\*.

\* Heat output will depend on quality and type of fuel.

\*\* Example shown is for illustrative purposes only and uses a typical house with standard levels of insulation.



## About GlenFarrow

Our team has unrivalled experience in the field of biomass boiler installations; GlenFarrow engineers have successfully installed more than 1,000 biomass boilers and the company has over 40 years' experience in domestic, commercial and industrial heating.

### Design

GlenFarrow designs complete biomass systems - our experienced staff develop design plans for every system we install. They work to ensure the most cost-effective and efficient solution to meet the needs of each customer.

### Manufacture

All GlenFarrow boilers are manufactured to the most exacting standards in the EU. This ensures reliability, long-life and trouble-free operation for your new GlenFarrow biomass boiler.

### Delivery

GlenFarrow will arrange the delivery of your boiler and equipment to your premises ensuring peace of mind.

### Supply and install

The GF50 is available on either a supply only or a supply and install basis. If you choose the supply and install option our experienced in-house engineers will undertake all installation work and commission your boiler for you.

### Maintain

As with all equipment your boiler needs to be maintained. Our team will undertake annual servicing work to ensure your boiler remains in tip-top condition.

### Emissions, planning and legislation

Local regulations vary so customers are advised to contact the local authorities in their area for more information.

**MADE IN EU**

All information correct at time of printing (September 2018). Whereas every effort has been made to ensure that the information in this document is accurate GlenFarrow UK Ltd does not accept liability for any errors, omissions or misleading statements, and no warranty is given or responsibility accepted. Boiler peak output and the actual operating output will vary due to the nature of batch-fed boilers. GlenFarrow UK Ltd reserves the right to alter any details of design and performance of products without notice.