

Glow•worm

Instructions for Use

Hydraulic module HB

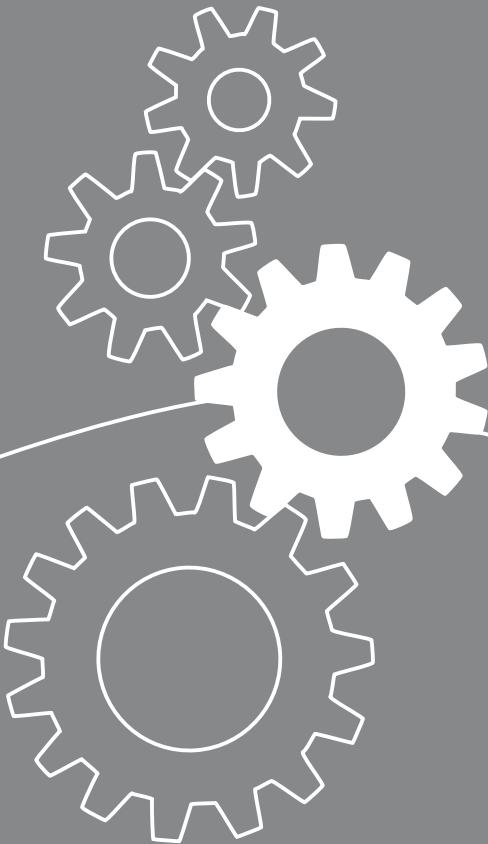


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READ CAREFULLY BEFORE USING

1 Read me

1.1 Welcome

These instructions are an integral part of the module and must be left with the user.

Please ensure that the installer has fully completed the Benchmark Checklist in the centre pages of the installation instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation. The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

All installations must be notified to Local Area Building Control either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

- Please read these instructions and follow them carefully for the safe and economical use of your module.



Do not forget to read the chapters "Safety" and "Guarantee" where you will find important information for your safety.

1.2 Guarantee Pack

The pack contains the letter of introduction and the guarantee. The extended guarantee is supplied loose and we recommend that you should read it.

- Complete and return as soon as possible your guarantee registration card.

If your guarantee registration card is missing you can obtain a copy or record your registration by telephoning the Glow-worm Customer Service number 0800 073 2142.

1.3 Servicing

This product should be serviced regularly to optimise its safety, efficiency and performance. The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service. The Benchmark Checklist may be required in the event of any warranty work and as supporting documentation relating to home improvements in the optional documents section of the Home Information Pack.

To ensure the continued efficient and safe operation of the module it is recommended that it is checked and serviced at regular intervals. The frequency of servicing will depend upon the site conditions and usage, but in general, once a year should be enough.

- To obtain service, please call your installer or Glow-worm's own service organisation.

1.4 Benchmark

Glow-worm is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance.

Benchmark is managed and promoted by the Heating and Hotwater Industry Council.

- For more information visit www.centralheating.co.uk



2 Introducing your appliance

2.1 Appliance description

The hydraulic module is an appliance which transfers the heat energy generated by the heat pump to a central heating circuit (low temperature radiator, under-floor heating,...) via a plate heat exchanger.

Installation and commissioning of the appliance should only be carried out by a competent person. They are responsible for the installation and the commissioning in accordance with standards in force.

You should also consult a competent person for maintenance and repair of the appliance as well as for any adjustment necessary.

3 Product documentation

3.1 Document storage

- Make sure that this manual is stored close to your appliance for future reference. Should you move home ensure that this manual is handed over to the new home owners.
- Read these instructions and follow them carefully for the safe and efficient use of your appliance.

No responsibility or liability can be accepted for damages caused by failure to follow the instructions in this manual.

3.2 Explanation of symbols



DANGER: Risk of injuries.



DANGER: Risk of electric shock.



ATTENTION: Risk of damage to the appliance or to its surroundings.



IMPORTANT INFORMATION

4 Safety

4.1 Safety recommendations



You must comply with the following recommendations and safety instructions:

- Never perform any maintenance or repair of the appliance yourself. Only competent persons are allowed to work on the appliance.

- Never tamper with safety devices.
- Do not attempt to modify the appliance or its immediate surroundings as this may affect on the safe use of the appliance.
- Under no circumstances must the user interfere with or adjust sealed parts.
- Do not allow children to operate the appliance.

Certain home improvements may adversely affect the operation of your appliance – you should consult your installer for advice before carrying out any work.

- Do not expose the appliance to high humidity.
- Do not use or store explosive or inflammable materials (e.g. petrol, aerosols, solvents, chlorine based detergents, paint, glue etc.) in the same room as the appliance. Under certain conditions, these substances can prove to be corrosive.
- Do not touch the heated surfaces of the appliance, such as outlet duct, hydraulic connections, also after the appliance operation because, for a certain time, these surfaces may become hot. Any contact with them can cause burns.

This appliance contains metal parts (components) and care should be taken when handling and cleaning, with particular regard to edges.

- Do not store or place articles on the appliance.

4.2 Safety regulations

Servicing/maintenance should be carried out by a **competent person** approved at the time by the Health and Safety Executive, in accordance with the rules in force in the countries of destination.

Testing and Certification

This appliance is certificated for performance and safety in use.

It is important that no alteration is made to the appliance unless approved, in writing, by Glow-worm.

Any alteration not approved by Glow-worm, could invalidate the certification, appliance warranty and may also infringe the current issue of the statutory requirements.

5 Guarantee / Responsibility

5.1 Detailed guarantee

Thank you for installing a new Glow-worm appliance in your home.

Glow-worm appliances are manufactured to the very highest standard so we are pleased to offer our customers a Comprehensive Guarantee.

This product carries a 2 year parts & Labour guarantee. Please see the Registration guarantee document for further details.

5.2 Appliance use / manufacturer responsibility

Servicing/maintenance should be carried out by a competent person approved at the time by the Health and Safety Executive, in accordance with the rules in force in the countries of destination.



The guarantee is applicable on the condition that:

- The appliance is installed by a competent person in accordance with installation instructions.
- The appliance is used for normal domestic purposes and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance is serviced, maintained, by a competent person.
- The repair or replacement of parts during the guarantee period does not have the effect of extending the period.



The manufacturer has no responsibility whatsoever for any damage resulting from:

- Any defects or damage resulting from incorrect or poor installation, inadequate servicing, or maladjustment or water used.
- Any defects in the system to which the appliance is connected.
- Any defects caused by inadequate frost protection.
- Any deterioration or maladjustment following changes in the water used, or a change in the characteristics of the electrical supply voltage.
- For further details, refer to your Terms and Conditions.



This appliance is intended to be installed only within the designated countries displayed on the type plate.

This appliance is not designed to be used by persons (including children) with physical, sensory or mental restrictions, or a lack of experience or knowledge. To ensure the safety of these persons, they must seek help from and be guided by persons who are competent to explain the usage of this appliance.

- Make sure that children do not play with this appliance.

6 Recycling



This appliance contains many recyclable parts and should be disposed of according to the current regulations. The packaging should also be disposed of according to the current regulations.

6.1 Appliance



This symbol indicates that this appliance must not be disposed of with household waste, that it should be selectively collected for energy recovery, reuse or recycling.

- Take the appliance to an appropriate collection point for the treatment, evaluation and recycling. The collection point must accept appliances for their recovery via recycling either within the elimination centre or by an authorised service provider.



By complying with this directive, you will contribute to the preservation of natural resources and the protection of human health.

6.2 Packaging

The competent person who installed the appliance must:

- sort the waste so as to separate those which can be recycled (cardboard, plastics...) from those that cannot.
- dispose of the waste in compliance with regulations in force.

HOW TO OPERATE YOUR APPLIANCE



No work need be carried out on the module.

- Refer to the room thermostat and control unit instruction guide.

ANY ASSISTANCE?

7 Appliance safety devices

- In case of the risk of frost, make sure that the electrical supply to the appliance is turned on.

8 Appliance maintenance and servicing

By failing to observe the above, and notwithstanding the risks to safety and your own responsibility in the event of non compliance, you risk a being subject to a fine.

8.1 Cleaning



Before cleaning turn the appliance off.

- The appliance casing can be cleaned using a mild liquid detergent with a damp cloth, then a dry cloth to polish.



Do not use any form of abrasive or solvent cleaner as you may damage the paintwork.

- Periodically check that no obstacles (cardboard, twigs, leaves ...) are impeding ventilation around the appliance.

8.2 Regular servicing

Regular servicing of the appliance is important to the prolonged, safe and efficient use of your appliance.



Incorrect or inadequate servicing can severely affect the safety of the appliance and can lead to injury.

We recommend that your appliance is serviced every year.

- Only use a competent person.

The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service. The Benchmark Checklist may be required in the event of any warranty work and as supporting documentation relating to home improvements in the optional documents section of the Home Information Pack.

- To obtain service, please call your installer or Glow-worm's own service organisation.

8.3 Spare Parts

In order to guarantee the safe and prolonged life of the product, insist that only the manufacturer's genuine spare parts are used.

- Do not use reconditioned or copy parts that have not been clearly authorised by Glow-worm.
- If replacement parts are required contact Glow-worm's own service organisation for advice using the telephone number below.

Tel: 01773 596510

or for approved stockist, visit www.glow-worm.co.uk.

- Please quote the name and model of the appliance.

8.4 Sealed Water Systems

The draining, refilling and pressurising **MUST** be carried out by a **competent person** approved at the time by the Health and Safety Executive.

9 Tips for saving energy

Your installer will be able to give energy saving advice about your system and its controls.

For energy saving advice you can contact the Energy Savings Trust for advice or visit www.energysavingtrust.org.uk who offer simple effective advice about saving energy.

Regular servicing of your appliance will help maintain its efficiency - servicing once a year is recommended.

- Turn your thermostat down.
Reducing your room temperature by 1°C could cut your heating bills by up to 10 percent.
- Set your heating and hot water at the time controller to come on only when required rather than all the time.

10 Contact your after-sales organisation

Customer service call

Tel: 01773 596510

Technical helpline

Tel: 01773 828300



Subject to engineering changes

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GLOW-WORM

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Because of our constant endeavour for improvement, details may vary slightly from those shown in these instructions.

Glow•worm

www.glow-worm.co.uk