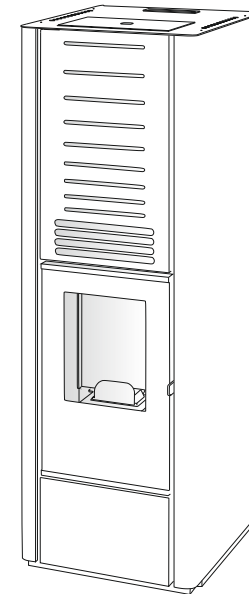




Users manual



Pellet stove Jacobus



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**Congratulations with your new Globe-fire stove**

**At Globe Fire we are in the sixth generation of making fireplaces,  
inset fireplaces and cookers.  
Read the manual carefully and follow all instructions accurately.  
We wish you a very cosy warmth and much pleasure with your  
product in the coming years.**

**Your Globe-fire staff**

## TECHNICAL DATA: Pellet stove JACOBUS

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**EN 14785 - BImSchV II - 15a B-VG - LRV/VKF**

**Maximal output :** 7,5 kW      **Minimal output:** 2,5 kW

**Performance :** 90 %

**Maximal Pellet use:** 2,0 kg/h

**Minimal Pellet use:** 0,6 kg/h

**Flue connection:** 80 mm Ø

**Maximal flue gas temperature:** 214 °C

**Minimal flue gas temperature:** 105 °C

**Maximal pressure (chimney draft):** 12 Pa

**Minimal pressure (chimney draft) :** 10 Pa

**Minimal distance to flammable parts:**

Back	10 cm
Side	25 cm
Front	100 cm
Underneath	0 cm

**External air supply:** 40 mm Ø

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### THIS PACKAGE INCLUDES:

a user's manual, a network cable and if necessary a tool to open the fire door (depending on model)

### ASSEMBLING INSTRUCTIONS, USER'S MANUAL AND IMPORTANT GENERAL INFORMATION ABOUT PELLET STOVE JACOBUS.

When installing and using this stove it is of importance to follow instructions and requirements of the manufacturer and the requirements of the home country as well as those of the European Union. Any person using the stove is obliged to read the manual first in order to acquire knowledge of the correct use of the stove and type of fuel. In order to make use of the guarantee the stove must be installed by one of our certified specialists. Only natural pellets according to ENB- PLUS AL, DINplus or Ö-Norm M7135 with a 6 millimetre diameter and a maximum length of 3 cm may be burned in this stove. Firewood or other types of fuel such as wood briquettes, coal or waste materials should never be used. The European regulations for chimneys EN 13384, exhaust systems EN 15287 and connections EN 1856-2 have to be observed. Furthermore Germany has regulations for fire (FUEVO), technical guidelines for fireplaces and air heating and the Elektro VDE guidelines.

Germany also has the 1st Bundes-immissionschutz- Verordnung (1. BImSchV-2. Stufe) and the stove must be approved of by your chimney sweeper before it can be purchased.

### The correct use of the stove:

It is important to carry out the installation and operating instructions to use the stove correctly. When used incorrectly, other than stated in the user's manual, we are not liable for any possible damage. The guarantee is invalid if the stove is not used in the correct way. Assembling the stove, service and repairs may only be carried out by a specialised business.

**To keep the possibility of a guarantee our advice is to use a trained specialist who will follow the current installation regulations when installing the pellet stove.**

This is a paid service for which you will need to make a separate appointment. Together with our service partner we offer a maintenance contract for your stove. A monthly payment covers the costs of a yearly maintenance, spare parts and breakdowns.

This specialised engineer takes care of the initial installation as well as the cleaning and maintenance of the stove. It is important that suitable fuel is used and the owner cleans the stove regularly in the correct manner. If installation, operating and maintenance instructions are not adhered to correctly the guarantee will be invalid.

**When using the stove for the first time please check that the fire grate has been cleared and the pellet tank is empty and free of any residue.**

The fire grate must be cleaned regularly. For maintenance we advise contracting our service partner. All working parts of the stove will then be cleaned and tested, preparing the stove for the next heating season.

**Do not disconnect the electricity cable while the stove is in use!!!  
Operate the appliance with the help of the buttons on the display. De smoke extraction fan must always be able to work to ensure the smoke is sucked out through the chimney after use. If the electric plug is pulled out the fan will stop working and the smoke will not be sucked out of the chimney.**

Correct use, care and maintenance will lengthen the lifespan of the appliance. Wastage and unnecessary environmental taxation will also be reduced.

## **Power supply**

**230 V AC / 50 Hz**

## **Weight bearing capacity of floor**

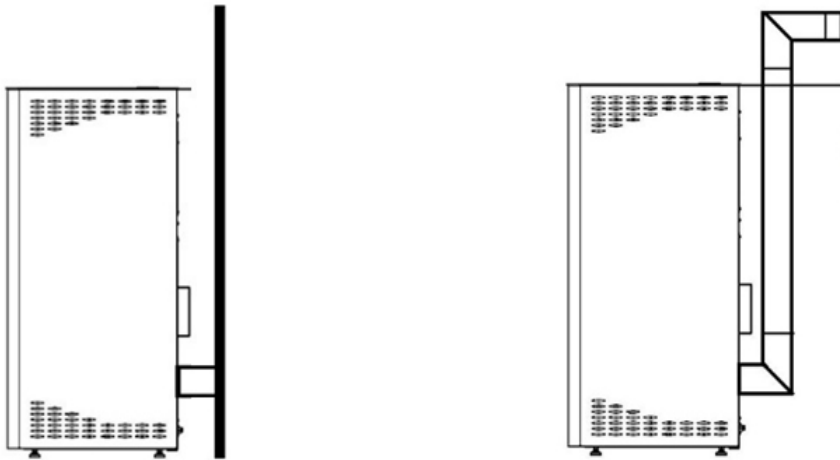
Make sure the floor has sufficient weight bearing capacity to take the weight of the stove permanently.

## **Floor beneath and in front of stove**

Floors which have flammable materials, such as carpet, parquet or cork must be protected by a fire resistant plate which must be 30 cm wider at the sides, measured from the side door /storage area of your stove and measuring at least 50 cm in front of the stove.

## **Chimney connection**

The appliance must be connected to an approved chimney suitable for solid fuels. To efficiently vent smoke from a pellet stove, the chimney pipes should have a larger diameter than the 80 mm smoke pipe that connects the stove to the chimney channel. It is recommended to use an insulated chimney with an internal diameter of minimal 100 to maximal 130 mm, depending on the installation conditions and chimney height. To ensure trouble-free use and optimal airflow, the ideal chimney size for a pellet stove must be determined by the installer (or chimney sweeper) through the assessment of several factors such as chimney height, draught, and flue gas quantity (i.a.). The choice of size depends on this assessment. Avoid too long a flue pipe to the chimney. The horizontal length of the pipe must be no longer than 1.5 metres. Avoid having the smoke change direction too many times leading up to the chimney. A maximum of three bends applies here. If it is not possible to connect the stove directly to the chimney, a connecting piece with an opening for cleaning can be used where possible. The connecting pieces must be made of metal and of an approved standard. Installation must be airtight. There must be a natural draught ensuring the removal of fumes, in case of a temporary power cut, for example.



It is compulsory to connect the appliance to a chimney that is suitable for solid fuels. The pipes from the stove to the chimney must be made of metal. It is also of importance to contact your chimney sweeper. When more stoves are connected to the one chimney the chimney sweeper must be consulted. The pressure (chimney draught) must be approximately between 6 and 15 PA. Our appliances are programmed for an average pressure, but the engineer can adjust this correctly when installing the appliance. In the case of a power cut the chimney will ensure that the fumes are disposed of safely. If there is an extremely high chimney draught the installation of a draught regulator is advised.



Please pass information on to your chimney sweeper.



### Air supply:

For good combustion the appliance depends on the air in the room where it stands.

It is therefore important to take other appliances into consideration which displace air, such as a ventilation system or an extractor hood. All our appliances offer the possibility of extracting air from outside with the help of an external air supply pipe.

This is best discussed with an engineer or your chimney sweeper.

### Stove pipes:

The pipes used must be attached securely to each other and to the appliance. They may not protrude and the diameter of the pipe should be the same as the diameter of the pipe-connector. Be aware of the minimum distance to flammable parts. The stove pipe must be cleaned regularly, at least once a year.

### Distance to flammable parts within the heat radiation area:

In the heat radiation area, flammable building materials, furniture or even decorative materials must be at a distance of 100 cm measuring from the front of the stove.

### Distance to flammable parts outside of the heat radiation area:

All flammable parts nearby the stove must be protected from the heat. The dividing panels on the side and at the back of the appliance may not be made of flammable materials or covered with flammable materials. The exact distance required to flammable parts of your appliance can be found at the end of this manual or on the back of your stove.

## **Room temperature and humidity**

These appliances are designed for use in rooms with a normal humidity and at temperatures of approximately +5° C to 30°C. The appliances are not suitable for use in damp rooms or for frost protection.

## **Sounds**

Depending on the model some stoves may produce sounds when in use. These sounds are either from the ventilator, the engine or possible breakdown sounds. Pellets may also be heard dropping into the fire grate.

## **Weather conditions**

For safe use of the pellet stove it is important to ensure that the chimney can produce the desired draught. This could be a problem in the transition period (autumn and spring) or during bad weather conditions. (strong winds, mist etc.)

## **System requirements**

Among other things, the correct settings of a pellet stove are strongly dependent on the chimney and the flue pipe. Further on in this manual a few important requirements are mentioned, though these may not be complete as the working of a stove much depends on personal circumstances.

**Good advice from a specialized company or a specialized engineer is always important.**

## **Type of combustion**

Pellets are a solid fuel. Lighting this kind of fuel takes more time than lighting liquid fuel (for example oil fuel or gas). After starting up the stove the lighting process takes up to 10 minutes until flames appear. After the warming up process is completed the appliance adapts automatically to the required settings. Switching off the stove also takes a few minutes before all the pellets are burned and the flame is extinguished. The smoke extraction fan is programmed to continue operating so that any smoke left is sucked out through the chimney. At the same time the fire grate is cooled down ready to be lit again.

## **Description of use**

A Globe-Fire pellet stove is a special appliance which is only suitable for domestic use and only suitable for burning wood pellets of the previously mentioned standard. When in use the appliance produces warm air in the area where it is standing. The appliance also radiates heat to the surfaces around it and to the stove window. The wood pellets are transported automatically to the fire grate and are burned by an electrical ignition.

Depending on the selected level the correct amount of pellets will be transported to the fire grate. A regulated amount of air necessary for combustion is sent to the fire grate. The fuel is burned in the fire grate and flue pipe, supplying heat to the surroundings. The fumes that are released are drawn up through the chimney to the outside with the support of the smoke extraction fan. At certain recommended moments the ash and soot must be removed from the fire grate. The stove window must also be cleaned. As mentioned before, regular servicing is necessary.

**A dirty stove window is not a defect and is not a reason for restitution.**

## **SAFETY REGULATIONS:**

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- 1.) The user is obliged to obtain information about the type of fuel allowed and the workings and use of the stove by reading the instructions for use.
- 2.) Before using the stove for the first time please check that the accessories are taken out of the fire grate and the pellet tank is free of any residue.
- 3.) Do not disconnect the electric cable when the fire is alight!!  
Always switch off the appliance using the buttons on the display. The smoke extraction fan must always be on afterwards to ensure that there is enough draught to let the smoke disappear through the chimney. If you unplug the appliance the draught will stop and smoke will not go out through the chimney.
- 4.) Only natural wood pellets of EN-Plus A1, DINplus or Ö-Norm M7135 with a diameter of 6 mm and a maximum length of 3 cm may be used in the pellet stove.
- 5.) During use the stove becomes hot and there is a danger of burning. Always keep the air vent and flue pipe clear.
- 6.) Cleaning the stove regularly is important in order to avoid breakdowns. Servicing the stove requires specialised knowledge and we therefore strongly recommend using the services of a specialised business.
- 7.) Using the appliance is only permitted when all elements have been assembled in the correct manner. Otherwise it is possible to touch parts that have become voltage conductive or very hot.
- 8.) Servicing the appliance can only take place when the stove is cold and the electrical cable has been removed from the socket.

9.) When ash is still glowing there can be a danger of fire. This is why the ash may only be sucked away when you are sure there is no glow.

10.) All flammable parts, furniture etc. close to the appliance must be protected from the heat. Please read the fire safety regulations and keep to the safety distances prescribed.

11.) Be aware that, depending on the model, the stove or fireplace can start up automatically when in stand-by mode or on a timer. In all cases please keep to the prescribed safety distances.

12.) Before assembling the stove please contact the chimney sweeper. It is compulsory that the stove is accepted by the chimney sweeper.

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### **Types of fuel allowed**

The pellet stove can only be heated with natural wood pellets according to EN-Plus A1 or Ö-Norm M&135 with a diameter of 6 mm and a maximum length of 3cm. Wood or other kinds of fuel such as briquettes, coal or waste products may never be used. Using other types of fuel will damage the stove and have an impact on the environment. When other than the permitted type of fuel is used the guarantee is no longer valid and dangerous situations can occur. Do not experiment with other types of fuel.

### **The correct way of processing**

As our pellet stoves contain electrical parts, the stoves cannot be processed as household waste. Old appliances contain valuable materials which can be recycled. This is important for the environment and our health. Please ensure that old appliances are taken to a collection point to be recycled. In Germany we are as manufacturers affiliated to Foundation EAR (Alt- Geräte-Register) and pay for the processing of every appliance in circulation.

## FIRST TIME USE

- The door of the fire grate must always be kept closed, even when cold.
- During heating, all surfaces particularly the stove window, the door handle and top plate, can become extremely hot. Make sure others are warned of this when the fire is burning. Children and young people under the age of 16 should not be in control of the fire without supervision.
- The side panels of the stove can also become hot when the fire is burning.

Most of the cast iron and steel parts have been treated with a heat resistant varnish or powder coating. When heating for the first time the varnish or coating can burn or smell or give off smoke. Make sure there is sufficient ventilation. After burning for a while the varnish or coating will harden and become annealed.

Make sure the appliance is connected to the chimney correctly and installed in the correct manner.

Check that there are no strange objects in the chimney and that there is sufficient draught. Having done this the pellet tank can be filled with approx 5 kg of pellets. Also check that the pellet tank is empty.

Our tip: empty the bag slowly keeping as close as possible to the protective grid to stop pellets spilling over and also stop causing too much dust. Close the tank after filling and keep it closed when the fire is burning until more pellets are needed.

The selected temperature is measured by the temperature sensor at the back of the appliance. When the sensor is short leave it as it is. If it is fitted to a cable fasten the cable as high as possible. Try to attach the sensor outside the heat radius of the stove pipe otherwise the heat can influence the sensor. When starting up for the first time the auger is completely empty, and this needs to be operated without ignition until the fire basket is filled with pellets.

Depending on the stove model and its length, the starting up of this auger, must be repeated 2-3 times. By certain appliances with an extra long auger this must be repeated up to 7 times.

After this the fire basket can be emptied and the appliance is ready for ignition.

**Installation for the first time must be done by a specialised service partner recognized by us. If this is not followed up or any adaptations are made to the stove or it is used incorrectly the guarantee is invalid.**

## Cleaning, maintenance and care

When wood pellets are burned ash and soot accumulate. The burning quality of our stoves is dependent on the system settings and this is not the same for every stove. Also the quality of the pellets can influence this. It is important to clean the fire grate regularly (if possible daily) and now and again have the stove serviced to get rid of any soot and ash. When this is not done thoroughly it can lead to breakdowns. Cleaning regularly, servicing and taking care of the stove result in an economical and clean burning. Soot insulates, which results in a reduction of warmth. We advise a regular inspection of the fire grate and ash pan and when necessary manual cleaning, preferably with an ash sucker. Inspection and servicing is necessary after burning 1500 kg pellets with an ash percentage of 0.25 or every 12 months. The servicing book can be found on page 13 of this manual.

## Controlling and cleaning of electrical parts

Once again check that the plug has been pulled out of the socket. Check out the route of the electric cables. Check that cables are not in contact with sharp edges or any hot parts and that the cables do not have any tears or bare patches. Any damaged or broken cables must be replaced. When a considerable amount of dust is present, this can be removed with a brush. Also remove any corrosion from the electric contacts.



## Daily use

Before starting up the fire, check that the firegrate is free of any remains. If necessary this must be cleaned first. By pressing the – button you can see the selected temperature and by pressing the + button you can see the selected power level. Press the 1/0 button on the display to start the appliance. You will then see the light go on for the auger and ignition. After a few minutes the pellets are lit and the stove regulates itself according to the selected power level. When ignition does not occur check to see if there are still any remains in the fire grate (all holes in the grate must be free). Make sure there are sufficient pellets in the tank. Depending on the appliance or the settings the appliance will change from high to low levels within the selected power level. The stove switches off when the correct level is reached and switches on again when the temperature drops below the selected level. Certain appliances do not change levels but burn constantly at the selected power level.

## Important remarks

Make sure all relevant details, such as model serial number and the date of first use are specified on the information sheet on page 13. In case of using the guarantee and for supplying spare parts at a later date, we need these details, including the bill of purchase of the appliance. Please keep all documents supplied with your appliance safely as they are important for our client service, for the next owner or your chimney sweeper.

By clicking on parts and accessories on our website: [www.globe-fire.com](http://www.globe-fire.com) you can look at the different parts and accessories. When ordering always quote the article number, the model and if necessary indicate a left of right part.

Prices can be acquired via our contact form or via [info@globe-fire.de](mailto:info@globe-fire.de).

## Details Pellet stove:

Model: .....

Serial number:.....

Name and address of supplier: .....

Date of acceptance by chimney sweeper:.....

Date of first installation:.....

Installed by:

Date of 1st service:.....

Carried out by :

Date of 2nd service:.....

Carried out by:

In the case of guarantee please contact your supplier directly or contact us.

### ***Globe-fire Ch.Leibfried GmbH,***

An der Bundesstrasse 2,

49733 Haren / Germany

Tel. +49 (0)5932-7334784

E-mail: [info@globe-fire.de](mailto:info@globe-fire.de)

A specialist or a specialised business is responsible for the first installation and servicing of the appliance. We recommend our Globe-fire service partner:

### ***MKE Energietechnik GmbH***

Agathawall 3-5,

47589 Uedem / Germany

Tel.: +49 (0)2825 539 6040

E-mail: [info@mke-energietechnik.de](mailto:info@mke-energietechnik.de)

Please keep this information sheet and the invoice for any possible questions. Enclose this sheet when you get in touch via e-mail..

### **Cleaning the fire grate and the ash pan area**

Clean the fire grate with an ash vacuum cleaner and if necessary with a brush (but only when the stove is not plugged in). Every opening in the fire grate must be free of remains. The space where the ash pan is placed and the space around the fire door must also be vacuum cleaned after emptying the ash pan.

When the fire basket is removed the grate can be cleaned, Make sure the fire basket is put back in the correct manner! Also check the seal around the door! We advise you to clean with an ash vacuum cleaner to limit damage to parts of the stove especially the filament.

### **Cleaning the stove window**

It is normal for the stove window to become dirty so this does not indicate any defect. Solid fuel, especially the fine ash from wood pellets makes the window cloudy. This cloudiness can be a lighter or darker colour depending on the quality of the pellets. The best way to clean the glass window is with a damp cloth. Difficult spots can be removed with a special glass cleaner (without biting acids or solvents) available at your supplier.

### **Keeping surfaces clean**

Varnished surfaces can only be cleaned when the varnish coating has fully hardened and burnt-in otherwise the surface may become scratched. It is advisable only to clean the outside parts when the stove is cold. The best way to clean the varnished parts is with a cold damp cloth just using water. For the powder coated parts a little washing up liquid may be used.

### **Maintaining natural stone**

Soapstone and sandstone are both types of natural stone so colour may change or differences occur. This is not a reason to return the stove. Lubrication or grease can be removed with soap and water. Small scratches can be treated with fine sandpaper. Do not use a sponge, scouring agent or aggressive detergent.

### **The quality of Pellets**

As mentioned before, only wood pellets may be used that comply with the stated standards and certification. A good quality of pellets is important for the pellet stove remaining free of any breakdown.

Also the frequency of maintenance is based on this particular quality of pellets. The ash production is most important. Do not use pellets with an ash level higher than 1.0%, a lower level is always better.

When different kinds of pellets are used the stove can react differently and for example produce more or less power, cause the stove window to become dirty and can cause noise.

### **Storing the pellets**

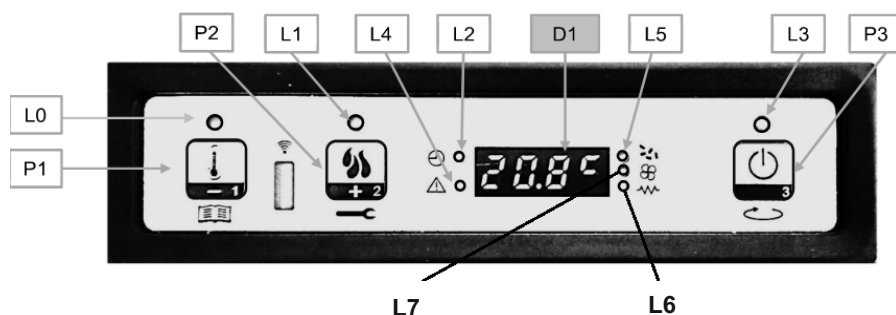
Wood pellets are completely dry when supplied and can be used in the stove immediately. The pellets must be stored in a clean and dry place to maintain their quality. Pellets should be kept in closed bags and not kept outside. Pellets can become damp due to humidity which can cause a blockage in the auger.

## The correct use of the display: Model Jacobus

### Tested EN 14785, 2nd Fase of the 1st BimschV Germany

Using the display, the stove is simple to operate with a few buttons. The display and LED indicators give information about the stove level. In the programme module the various parameters are given which can be changed using the buttons.

LED (L0) Progr. Room temperature	Button P 1 : Lower / Menu / Heating capacity
LED (L1) Progr. Power	Button P 2 : Higher / Stove lever / Heating capacity
LED (L2) Time switch	Button P 3 : ON - OFF / Stop
LED (L3) ON/OFF	Display (D1) Level / Capacity / Parameters
LED (L4) Alarm	
LED (L5) Auger	
LED (L6) Ignition	
LED (L7) Smoke extraction fan	



### Menu:

By pressing the button P1 for a short length of time, you will get the menu. The menu is split up showing more underlying items and parts which will give access to the settings and programming of the circuit board.

### M1 menu – Date and Time

Press P1 until M1 appears in the display. Confirm this with the ON/OFF button (P3). Using the buttons (P1) and (P2) the correct time can be installed. This must be confirmed using the ON/OFF button (P3). Next the day can be programmed and confirmed with ON/OFF (P3) adding the month and confirming with ON/OFF (P3). Finally the year can be programmed pressing the ON/OFF (P3) until the time appears again.

### M2 menu – Programme installation (timer):

#### Sub menu M2-1- Programme activation

Keep P1 pressed until M1 appears, then press P2 until M2 appears in the display and confirm this with ON/OFF (P3). Open the menu M2-1 and confirm with ON/OFF (P3) and activate the programme with the arrow (P1) on ON. Then return by pressing ON/OFF for a few moments (P3) and activate the programme.

#### Sub-menu M2-2- Daily programme

Two ON/OFF cycles for every day

#### Sub-menu M2-3 Weekly programmes

Four ON/OFF cycles, the days can be selected for each hour.

#### Sub-menu M2-4 Week end programma

Two ON/OFF cycles, for Saturday or Sunday

### Programme installation:

Go to the required programme by pressing the ON/OFF (P3) button and confirm the programme by pressing the P2 button. ON will appear. Press ON/OFF (P3) for starting time and select this with the buttons P1 and P2. It is only in the weekend programme that you press programme to select the days, using the ON/OFF button in between to choose the days.

You can start or switch off the programme with the buttons P1 and P2. When selecting the hours and days press the ON/OFF button until the startup display appears. When the correct times have been selected a green light LED (L.2) will appear next to the clock in the left hand top corner of the display.

### **Menu M3-Language**

Using this menu you can select a language from the languages available. To go to the next language press P2 to scroll up and P1 to scroll down. To confirm the chosen language press the ON/OFF button (P3).

### **Menu M4- Standby**

This menu can be used to activate or switch off the standby mode after selecting it, using the buttons. It can be switched ON or OFF using P1 and P2.

### **Menu M5-Alarm tone**

This menu can be used to switch the alarm on or off. Press the P1 or P2 button and confirm with ON/OFF (P3) button.

### **Menu M6- Filling the first time (filling the auger)**

This is only available when the stove is set to OFF. It allows the auger to fill up to start the stove for the first time. After selecting the M6 menu, 'continue pressing' will appear in the display. Press P2 to scroll up. The smoke extractor fan (LED 7) is switched on at maximum speed. The auger is switched on (LED5) and both remain in this setting until the time given on the display is reached or until the P3 button has been pressed. It is possible that this setting is needed when the stove tank is completely empty and there are no more pellets in the auger.

### **Menu M7 – Stove mode**

After selecting the M7 menu by pressing the P3 button, the display will show the status of some levels when the stove is in operation.

### **Menu M8- Technical settings (customer service)**

This menu is reserved for the stove installer. After filling in the access code various operational parameters can be installed with the buttons P1 and P2.

### **Menu M9 - backtrack**

After selecting this menu with the P3 button, the menu will close and the settings will be reset to the previous status.

## **Operating system for the user**

The following is a description of the normal operational settings installed in this pellet stove. Turning on the stove: First connect the plug to the socket and then fill the pellet tank. When filling make sure that the bag is not emptied in one go but that the tank is filled gradually and slowly.

Any burnt remains must be cleared from the fire area and fire grate. The tank lid and door must be closed. If this is not the case this can lead to the appliance malfunctioning and eventually setting off an alarm. Press the P3 button for a few seconds to ignite the stove. This will be shown in the display by 'ON' and by the ON/OFF Led flashing. This stage takes a little time. The stove will now continue in the preheating stage, the spiral filament and the smoke extraction fan (LED7) have been activated. Any breakdowns during the starting up stage are shown in the display and the stove shows the alarm status.

### **Filling the stove with pellets:**

Filling the stove with pellets begins after approximately one minute. The sign "Fill pellets" will appear in the display and the ON/OFF LED flashes. During the first stage the auger fills the fire grate with pellets. The smoke extractor fan is working and the spiral filament is continually activated (LED 6 – ignition is burning). In the second stage the auger is switched off (LED5- auger off), but the smoke extractor fan and the igniter remain active. If no ignition takes place during this stage the auger will be activated again for a certain time. The speed of the smoke extraction fan and the spiral filament remain active.

### **Presence of fire:**

After the exhaust temperature has reached and passed the settings required, the system goes into the ignition mode, the sign 'flame on' appears in the display and the LED ON/OFF flashes. During this stage the temperature is checked to see if it remains constant during a certain time. The speed of the smoke extraction fan and the auger is set, (LED 5 auger is flashing) and the spiral filament is switched off (LED 6 ignition switched off). Any breakdown will cause the stove to switch off and the alarm stage will be activated.

## Stove in use

After the flue gas temperature has reached and gone beyond the level required during a certain programmed time, the stove will switch to the users mode which is normal use. The display will show 'work' and the ON/OFF light is burning. The capacity can be regulated by pressing the (P2) button and the room temperature by pressing the (P1) button. As soon as the flue gas temperature has been reached the air fan will be switched on.

**Important: At this stage, after a required time is set, the oven will clean the fire grate. 'Fire grate' will appear in the display (cleaning fire grate), the auger is switched on (LED- auger on) the smoke extractor fan is also working at the given speed. After the given time the stove switches back to the user's mode.**

## Changing the set heating capacity

During normal use of the stove the heating capacity can be changed by pressing the P2 button. (LED capacity setting is on). To raise the heating capacity press (P2) once again. To lower the capacity press P1. The chosen capacity will appear on the display. To complete the setting, wait 5 seconds without touching the control panel or pressing P3. The heating capacity levels range from PT 1 to POT 5. POT1 is the lowest level. POT5 is the highest level. The stove switches automatically between the lower and higher capacity levels.

## Changing the set room temperature

To change the room temperature press (P1). The display will show the set room temperature (Programme temperature). The temperature can be changed by pressing (P1) and (P2) buttons. After 5 seconds this given temperature will be stored and the display will return to its normal position. (P3 can be pressed to exit.

## The set room temperature is reached (Temperature programme)

Once room temperature has been reached the heating capacity of the stove is automatically set to the minimum requirement. In this situation the display shows 'modulation'. When the room temperature drops below the set temperature, the stove returns to the mode 'work' and to earlier settings.

## Standby

If activated in the menu the STANDBY setting will switch off the stove when all the following conditions have been met. Standby will be carried out when the room temperature becomes higher than the programmed temperature plus a limited tolerance.

The display will show 'Go STBY' followed by the remaining minutes. After a certain time the display will show 'Wait for cooling' (Cooling mode). In this situation the auger will be switched off, the fan will stop when the programmed level has been reached and the LED will flash ON/OFF. As soon as the flue gas temperature has reached the programmed temperature the stove will switch to STANDBY and the display will show 'STOP ECO TEMP GOOG'. The auger is switched off (LEDS- auger off) the air fan is switched off and also the smoke extraction. When the room temperature drops below the programmed temperature the stove will switch back on.

## Switching off the stove

To switch off the stove simply press (P3). The display will show 'End cleaning'. The auger engine will be switched off (LEDS- auger off), the speed of the smoke extractor is set and the (LED ON/OFF) flashes. The air fan remains on until the exhaust gas temperature is below the programmed temperature. When the flue gas temperature is below the programmed temperature the stove will be switched off and 'OFF' will appear in the display.

## Alarm warnings:

In the event of a technical failure the circuit board will react and give warning of the failure by switching on the LED alarm (LED alarm – on) and a warning sound will be heard. The following alarms can be activated:

**Each alarm will ensure that the stove is switched off immediately. WITH THE EXCEPTANCE OF THE ALARM INDICATING A POWER CUT, the alarm alert is activated at the end of a certain length of time and can be reset by continually pressing the P3 button. Every time an alarm is reset the switching off stage of the stove will restart for safety precautions. During the alarm alert the alarm LED (Alarm LED on) is always on and the buzzer (alarm sound) will sound intermittently when activated. If the alarm is not reset the stove will be switched off and the alarm alert is always shown.**

### AL 1 – POWER CUT

A power cut can occur while the stove is on. If the cut is less than 20 seconds the stove will switch back to the users mode. When this is activated and the power cut is longer than 20 seconds the alarm is activated. 'AL 1 POWER CUT' will appear in the display and the stove is switched off.

### AI 2 – AIR SENSOR (safety temperature thermostat)

This alarm is activated if the safety temperature thermostat is defect. The stove switches to the alarm mode and the alarm – LED is activated. (Alarm-LED on). The display will show “AI 2 air sensor and the stove is switched off.

### AL 3 – FLUE GAS TEMPERATURE SENSOR (flue gas overheating)

This alarm is activated when the safety temperature thermostat detects that a fixed temperature which cannot be changed has been exceeded. 'AL flue gas temperature sensor' appears in the display and the stove is switched off.

### AL 4 – SMOKE EXTRACTOR FAN

This alarm will be activated when the extractor fan is defect. The alarm will go off and the signal “AL 4 smoke extractor fan” will appear in the display.

### AL 5 – NO FLAME (no ignition):

This alarm will be activated when the ignition fails. This happens when the temperature of the flue gas does not exceed the programmed temperature after the set time. “Al 5 no flame “will appear in the display and the stove switches to the alarm mode.

### AL 6 – NO PELLETS

This alarm is activated when the flue gas temperature drops below the minimum set temperature during the use of the stove .The signal 'AL 6 – no pellets' will appear in the display and the alarm will be set off.

### AL 7 – TEMPERATURE SAFETY

(Safety thermostat for too high a temperature):

This happens when the safely thermostat registers a temperature which is higher than the limit. The thermostat reacts and switches off the auger. The display shows the alarm is on (LED –alarm on) by the ‘AL 7 temperature safety’ sign and the stove is switched off.



### AL 8 – PRESSURE ERROR (no vacuum / chimney draught)

This occurs when the pressure gauge detects pressure which is higher than the limited pressure. The pressure gauge reacts and switches the auger off. The alarm (LED alarm) is indicated by 'AL8 pressure error' in the display and the stove is switched off.

## PELLET STOVE FAILURES AND POSSIBLE SOLUTIONS

No pellets by first use	No or not enough pellets in auger	M6 – fill auger a number of times
Stand-By/EcoStop/Pause	Stove is working well	-----
Display switched off	No electricity	Check plug and electricity
	Stroomkabel defect of niet goed in het stopcontact gestoken	Push plug into socket/ Contact costumer services
	Moederbord defect	Contact costumer services
	Display defect	Contact costumer services
AL 6 -- No pellets	No electricity	Check plug and electricity
AL 6 -- No flame	No pellets	Check tank content
	Auger is blocked	Remove plug from socket, empty tank, check auger for any foreign object, check auger engine
	Different quality pellets	Use correct sort of pellets
	Minimal output is too low	Change to a higher output with POT1-POT5
	Electricity cut	Turn stove off and on/ check plug
AL 5 -- No fire	No pellets	Check tank content
	Use safety thermostat	Reset thermostat manually at the back of the stove
	Flue gas sensor failure	Contact costumer services
	Auger is blocked	Pull out plug from socket, empty tank, check auger for strange objects/ control auger engine
	Auger engine failure	Contact costumer services
	Motherboard failure	Contact costumer services
	Flue gas fan failure	Contact costumer services
	Fire grate dirty	Clean fire grate
	Temperature too low	Repeat ignition, check fire grate, if necessary raise capacity using POT 5
	Damp pellets	Use other pellets/ Check storage place
Spiral filament defect	Contact costumer services	
AL 1 -- Power cut	Power cut during use	When the power cut is longer than 20 sec. the stove switches off. Check the electricity and start up again.


AL 4 -- Fan defect  Stove is burning but flame is weak	Flue gas fan defect of dirty	Contact costumer services
	Motherboard defect	Contact costumer services
	Chimney draught is weak	Schoorsteen controleren
	Not enough combustion air	Check combustion air pipe and clean it
	Stove is blocked up	Clean fire grate and ash tray
	Flue gas fan is defect or dirty	Contact costumer services Clean Flue gas fan
Flue gas fan is clean but slow	Contact costumer services	
Eco / Module	Stove is working well	Change by raising POT capacity Or change temperature
Fire grate cleaning	Clean fire grate	Correct use of stove
AL- 8 Stove failing to burn	Chimney draught is weak	Check chimney
	Stove pipe blocked	Clean pipe
	Unfavourable weather conditions	During a storm or strong wind the only thing that helps is a chimney cap and wait for better weather.
AL – 7 Safety thermostat	Stove temperature is too high	Let the stove cool down. Lower the level of the thermostat at the back of the stove and start up again. If necessary lessen the heat level.
	Power cut	Let the stove cool down. Lower the level of the thermostat at the back of the stove and start up again.
	Air fan defect	Contact costumer services
	Thermostat defect	Contact costumer services
	Motherboard defect	Contact costumer services
	AL – 2 Air sensor	Flue gas sensor defect
AL – 3 Flue gas sensor	Flue gas sensor defect	Contact costumer services
	Motherboard defect	Contact costumer services
	Air fan	Contact costumer services
	POT 5 output too high	Contact costumer services
T.elect (C°)	Motherboard is warmer than 70°	Let stove cool down and start up again. When this often occurs contact customer services.
Accessories: Remote control does not respond	Display switched off	Switch on display and check batteries.

## GUARANTEE :

**Globe- fire** provides the buyer with a guarantee within the context of the legal regulations. The guarantee period of two years begins on the date shown on the actual transfer. The invoice must be produced as evidence. In the case of a defect which occurs within the guarantee period the following will apply: Globe-fire will either repair the defect as soon as possible, improve it or replace the part causing the defect. Termination of the agreement or reduction of price is not possible unless this does not comply with legal regulations. Only spare parts approved by the manufacturer may be used.

Damage to the purchased appliance which may occur during normal use ( wear of the parts which are in contact with the heat, e.g.: fire room covering, fire grate, ignition cartridges, burning pots, rust, varnish, brake plate, sensors, glass, sealing, handles) is not included in the guarantee. Any maintenance which has been neglected or inadequately carried out, an incorrect chimney draught or one which has not been sufficient or too strong, inappropriate use, carelessness or any change to the appliance will not be included in the guarantee.

The initial installation of the appliance must be carried out by a trained and qualified technician, recognized by us as a service partner. In the case of structural changes to the stove or use of the stove which is not in accordance with its intended purpose the guarantee will be void.

<b>- Globe fire -</b>	
Globefire Ch.Leibfried GmbH, An der Bundesstraße 2, D-49733 Haren / Ems, Germany	
<b>Pellet stove: EN 14785:2006</b> <b>Heating in a building without heating and without</b> <b>using warm water systems</b>	
Type	JACOBUS
Declaration of performance Nr	021-CPR-2019 02.20
Test institute number	IMQ SPA NB 0051
Test-Nr.	CS 19-0040729-01
Heating capacity /energy performance	Achieved
.Performance	Nominal capacity: 88 % Shared capacity: 90,0 %
.Capacity	Nominal capacity: 8,0 kW Shared capacity: 2,5 kW
.Heating capacity	2,8 - 9,5 kW
Mechanical solidity	Achieved
Surface temperature	Achieved
Emission combustion products (at 13% O <sub>2</sub> )	CO: 122 mg/Nm <sup>3</sup> NOX: 98 mg/Nm <sup>3</sup>
.Flue gas temperature	192 °C
Burning realibility	Achieved
.Method of burning	A1
.Minimal distance to flammable parts:	Side: 25 cm Back: 10 cm Bottom: 0 cm Front stove window: 100 cm
Fuel	Wood pellets
Voltage: 230 V Frequency: 50Hz Nominal capacity Max. 320 W	LED
Read and follow the given instructions in the user's manual	
Tested according to DIN EN 14785:2006, 15A B-VG/ VKF 2nd faze of the BimschV Germany	
 18	