GREEN200

OPERATING GUIDE

Danish Design • Danish Quality • Danish Produced

Heta
www.heta.dk

UK

Dear customer,

Congratulations on the purchase of your new pellet stove. We are confident that your investment will provide you with excellent value and plenty of enjoyment, particularly if you follow the advice and guidelines laid out in these instructions.

The Greenfire pellet stove is approved under EN 14785; NS 3058/3059; Austria's 15a; DIN plus

These approvals are your guarantee as a consumer that the pellet stove meets a number of specifications and requirements which confirm that the stove is made of high-quality materials, that it is economical to use, and it is not harmful to the environment.

Please read these instructions for use carefully prior to installation and operation to avoid personal injury or damage to building parts or the product itself.

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Printed in Denmark.
First edition, 2015.

Revision 1.01 UK

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Accompanying your pellet stove you will find:

a. Operating Guide
b. Cleaning brush
c. Power cable
d. Heta glove
e. Remote control
f. Nameplate

1. Introduction

NB !!!

We advise you to read these instructions carefully, as they describe what you need to do to ensure your Greenfire pellet stove functions to its full potential.

Warning

The regulations relating to installation and function described in these instructions may differ from the applicable regulations in the destination country. If this is the case, the regulations applicable in the destination must be observed. Drawings in these instructions are approximate and not to scale.

Information

The packaging used provides good protection against damage that might arise during transportation of the stove. Please check the stove immediately upon delivery. If you notice any visible signs of damage, contact your dealer without delay.

Description of the stove

The aim of these instructions for use and servicing from Heta is to give the user all the necessary safety information, in order to prevent any personal injury or damage to stove components or other items. Please read these instructions carefully before using or performing maintenance on the appliance.

2. Safety information

Your Greenfire pellet stove must be installed by a technician who has been trained by HETA A/S. Please read these instructions regarding use and maintenance carefully before installing and lighting the stove! If you need further information, please contact the dealer from whom you purchased the stove.

NOTE

The stove has extra protection in line with power regulations, and must have an earthed electrical connection.

Only quality pellets with a diameter of 6-8 mm should be used as fuel.
Before connecting power to the stove, make sure that the connection between the stove pipe and chimney is in place.
Never remove the protective grate above the pellet tank.
The stove must be installed in a room with adequate air replacement.
Never open the stove door while the stove is operating. When the stove is lit, the surfaces, glass, handle and stove pipe will be very hot. While the stove is operating, these components may only be touched if wearing appropriate protection.

3. General information

The Greenfire pellet stove must only be installed in residential environments. The stove has fully automatic control, ensuring controlled combustion. The control system manages the ignition process, five heat levels and shutdown, ensuring that the stove functions correctly.
The design of the bowl used for combustion ensures that most of the ash from the pellets falls into an ash drawer. However, you should check the burn pot each day, as not all pellets are of equal quality.
Air flow is used to help keep the glass clean, however it is impossible to avoid the glass becoming sullied after some usage (see the cleaning manual for cleaning instructions).
Only pellets 6-8 mm in diameter should be used as fuel in the Greenfire pellet stove.

3.1. Liability

By providing these instructions, Heta A/S disclaims all liability, both personal and statutory, for any accidents that may arise due to failure – either fully or in part – to observe the instructions enclosed herein.
Heta A/S disclaims all liability in relation to incorrect use of the stove, abnormal usage by the customer, unauthorised replacement and/or repair, or the use of non-original spare parts for this model
The manufacturer disclaims all liability, both personal and statutory, direct and indirect, attributable to:

- Inadequate maintenance
- Failure to observe the instructions in this manual
- Failure to observe safety directions
- Irregular installation with failure to ob serve applicable standards in the destination country
- Installation carried out by unqualified or untrained personnel
- Replacement or repair not authorised by the manufacturer
- Use of non-original spare parts
- Extraordinary events

3.2. Spare parts

Use only original spare parts.

If you have any questions concerning your pellet stove, Heta strongly recommends that you contact your dealer immediately.

3.3 Safety systems

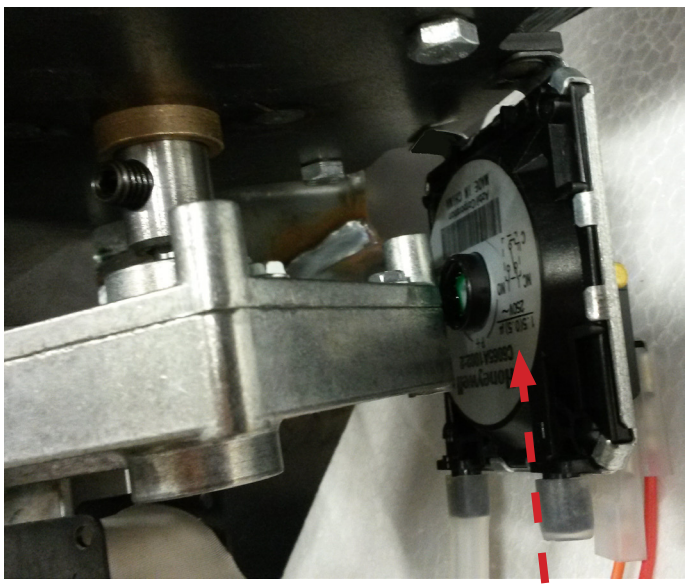
Greenfire pellet stoves are equipped with advanced safety systems to prevent damage to the stove or residential environment which could arise due to a fault in the appliance or inadequate maintenance, chimney draught, etc.

If a fault occurs, pellet feeding ceases and the stove shuts down automatically.

The stove has the following three safety systems:

1. Thermal protection shuts down the stove if the temperature in the wood pellet tank becomes too high (85°C).

2. The thermal sensor in the pellet tank activates at 82°C and automatically reduces the heat level. If this fails to achieve a drop in temperature, the thermal protection (1) is activated



3.The pressure sensor measures whether there is sufficient draught in the chimney. If problems with inadequate draft or a blocked chimney arise, the pressostat shuts down the stove.

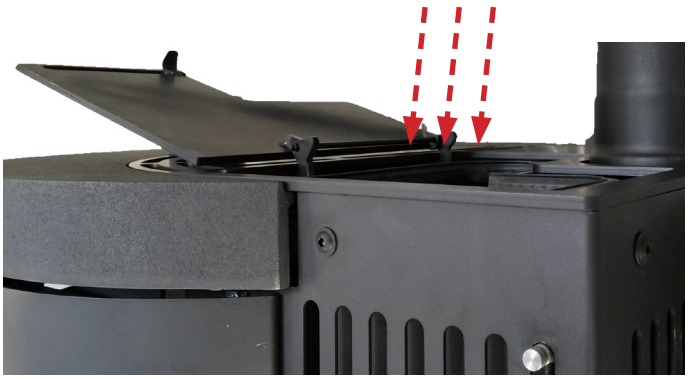
(press the reset button to reactivate the stove)

3.4. Filling wood pellets

Push the button downwards as shown.

The pellet lid now opens.

Open the lid full and fill in pellets.

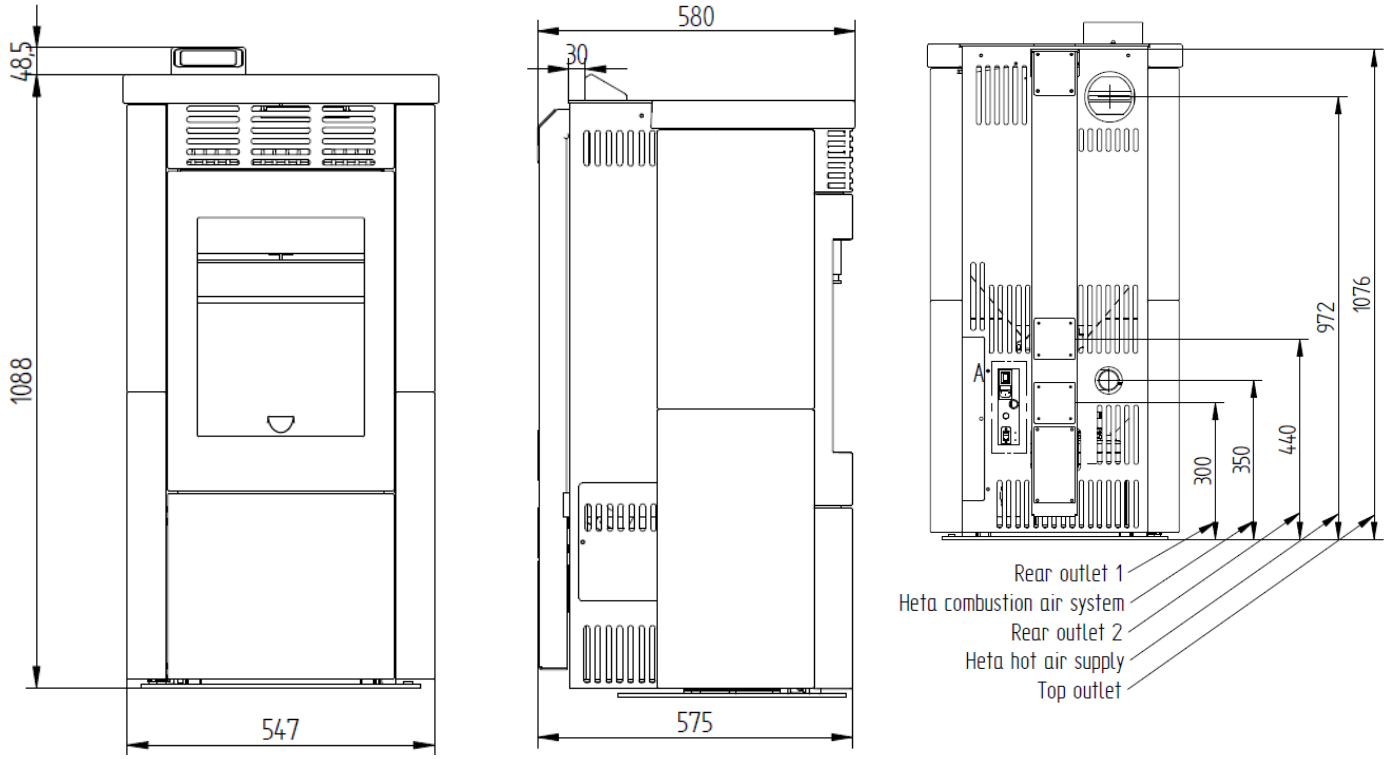


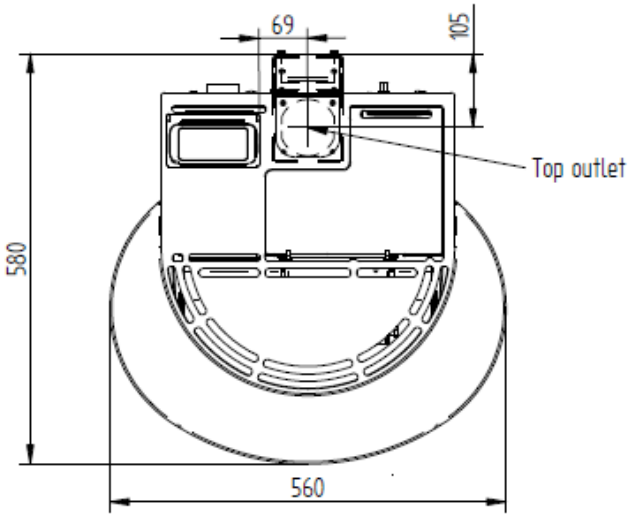
Close the lid again.

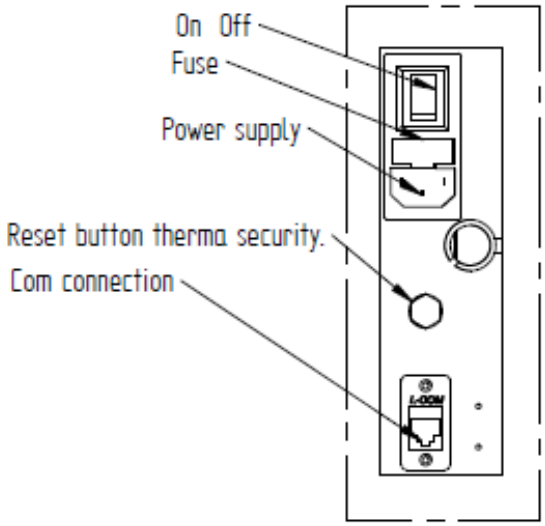
Be sure to advance the pellets manually using the control panel (see section 5.4.3.) until pellets appear in the burn pot. This ensures the correct start-up sequence.

4. Dimensions, installation and ignition.

4.1 Dimensions







4.2 Placement.

The position of the stove within the home will have a major impact on heat distribution. Before deciding where to place the stove, it is important to consider the following:

a) The air supply for combustion must come from a ventilated room or an open outdoor area.
b) Installation in a bedroom is not advised.
c) The stove must be installed in a spacious and central location in the house to ensure the best heat distribution.

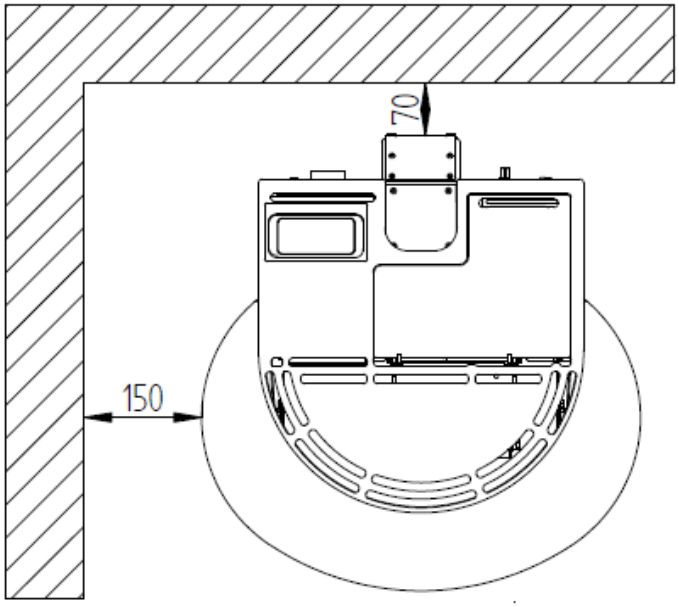
The electrical connection must be with Protective Earth (if the cable included is not long enough to connect to the closest power outlet, use an extension cord with a Protective Earth connection)

4.3 Temporary power failure

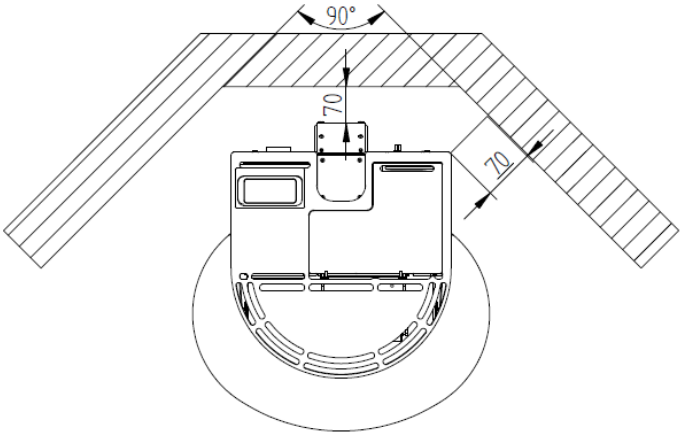
If the power failure only lasts a few seconds, the stove will restart and function normally. The control system automatically shuts down the stove in the event of protracted power failure. The duration of the shutdown phase may vary greatly, depending on the stove temperature.

4.4. Minimum distance between the stove and combustible materials

If positioned as shown, a minimum distance of 150 mm must be maintained from the wall, with a gap of 70 mm behind the stove.



If positioned as shown, a minimum distance of 70 mm must be maintained from the walls.



4.5. Proximity to combustible materials.

- Stove sides 150 mm
- Behind stove 70 mm
- Furniture in front of stove 700 mm

The following directions may vary, depending on regional or national directives.
Applicable legislation in the country in which the stove is being installed must always be respected.

If in doubt, contact your authorised Heta dealer.

4.6. The stove's flue gas system

The flue gas system is dependent on a slight underpressure in th e combustion chamber, and it is very important that the chimney exhausts to outside air and not to an enclosed or semi-enclosed room such as a garage, corridor, attic or anywhere else where the flue gases could become concentrated.

The chimney must always be installed in accordance with national and regional regulations

4.7. Chimney draught.

Operation of the Greenfire pellet stove is partly independent of the chimney draught, as the flue gas vacuum pump assists in removing smoke from the combustion chamber. However, if there is a strong chimney draught, we recommend a draught stabiliser be installed. Otherwise the chimney will overrun the flue vacuum pump, resulting in too much combustion. The stove operates best with a chimney draught of 4 pascals (used for testing/approval) in a chimney with a diameter of 80 mm

4.8. External air supply.

In hermetically closed environments with little air replacement it can be difficult to supply enough air for the combustion and it may be necessary to supply extra air to the room.

4.9. No ignition in the burn pot.

During the ignition phase, it may be the case that the stove fails to develop a flame. If the stove fails to ignite, the control system will shut down the stove and report an error (no pellets)

4.10. Before the first ignition.

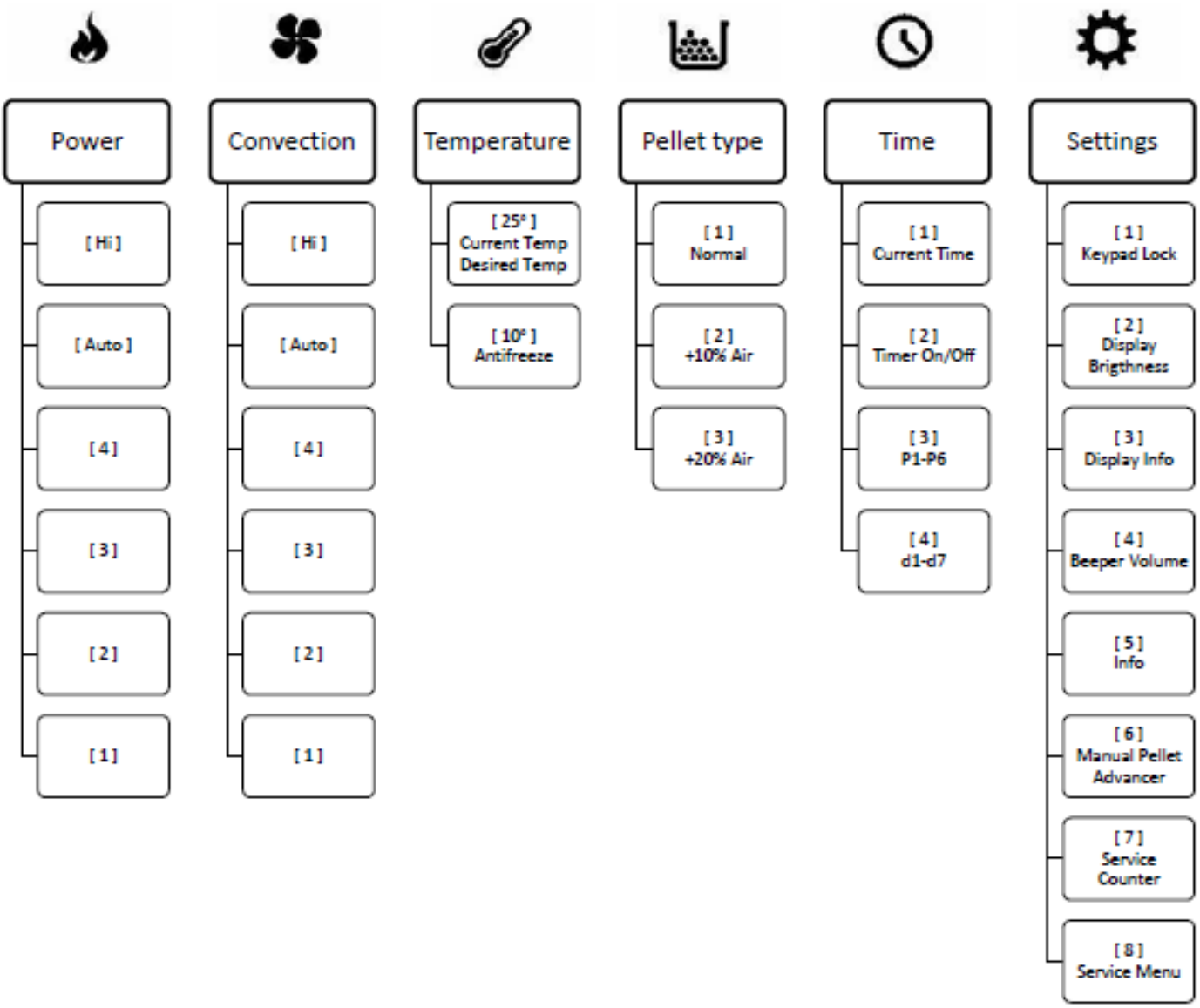
1) Read these instructions carefully before lighting the stove.
2) Install the control panel and cable supplied. (See section 4.2.)
3) Correctly connect the pellet stove to the chimney
4) Fill the pellet tank (diameter 6–8 mm)
5) Open the door and check that the burn pot is in place in the frame and that the baffle plate is at the top of the combustion chamber
6) Close the stove door. Never open the stove door while the stove is operating.
7) Roll out the room temperature sensor placed at the rear of the stove and ensure it is not in contact with hot surfaces.
8) Connect the stove to a power outlet using the cable supplied.
9) Use the control panel to configure all personal settings and then start the stove. (See the section on operating the stove)

NB:

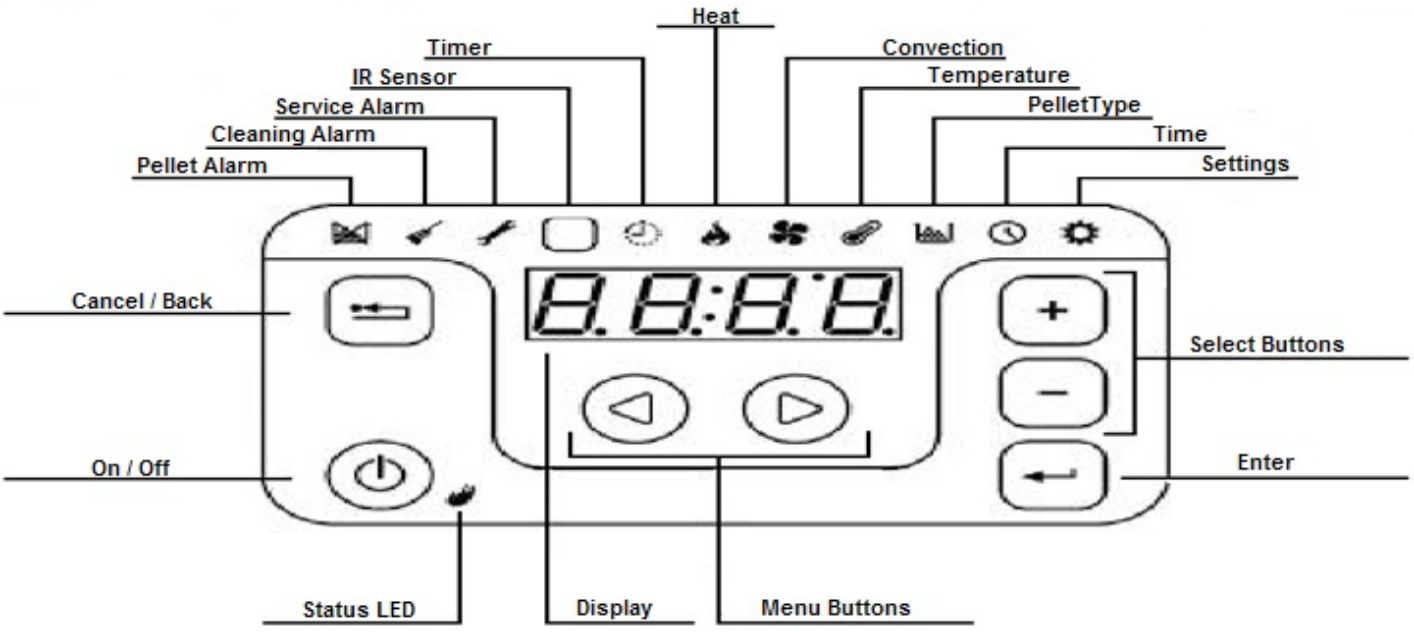
The first time the stove is lit it is important to ventilate the environment very well, as an unpleasant odour may arise during the first few hours of operation as the paint hardens. Allow the stove to operate at the highest level for a few hours to ensure the paint is hardened the first time the stove is used, so the unpleasant odour does not occur again.

5.0. Menu structure, Operations and Timer

5.1. Menustructure



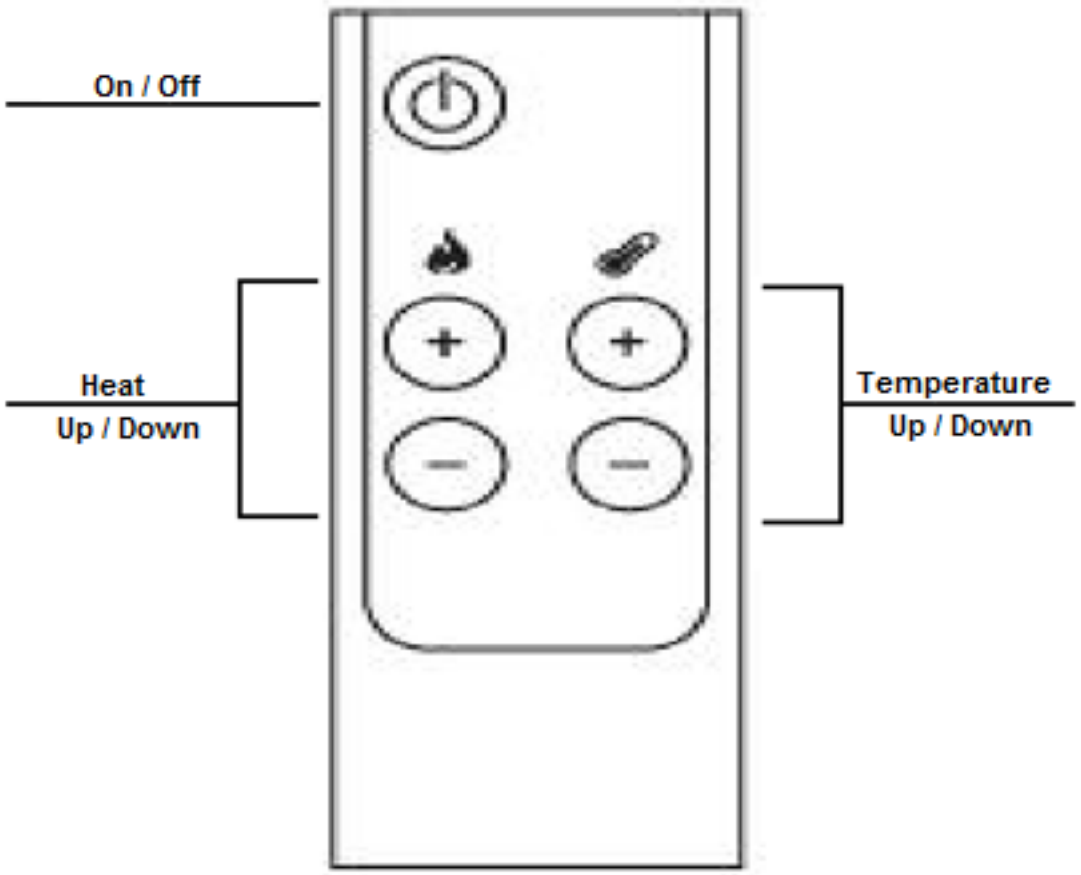
5.2. Control panel



The control panel has an audio tone for alarms, etc.

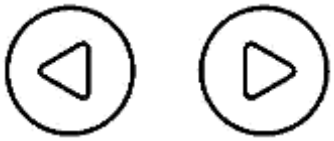
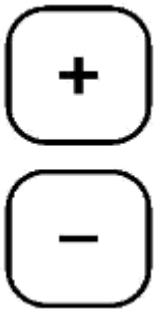
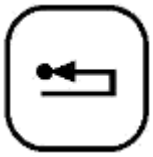
- Short tone: When buttons are pressed on the control panel.
- Long deep tone: If something is entered incorrectly on the control panel.
- Long high tone: Stove alarm, accompanied by an error code on the display.

5.3. Remote control



5.4. Menu navigation

5.4.1. Active touch buttons

Touch button:	Description:
	**On/Off button** **Switches the stove On or Off if pressed and held for more than three seconds**
	**Menu buttons** **Used to navigate within the menus**
	**Editing buttons** **Used to navigate and edit within the menus**
	**Enter** **Used to confirm entries and select sub menus**
	**Cancel/Back button** **Cancels entries/returns to the previous menu item**

5.4.2. Set the clock

Use the Time menu to set the time and date. Press Enter and the hour setting starts to flash. Use the + / – buttons to set the correct hour. Then press the Arrow Right menu button. The minutes setting will then start to flash. Use the + / – buttons to set the correct minutes. Press the Arrow Right menu button and the date will be displayed. Set this in the same way as you set the time (above). Then press the Arrow Right button and select the appropriate day of the week. (1 = Monday, 2 = Tuesday, and so on).

5.4.3. Manual pellet advancement

Go to the Settings menu . Press + until point (6) is shown in the display. Then press Enter and the display will 'roll', which indicates manual pellet advancement. Press and hold Enter . This sequence lasts approx. 30 seconds. Repeat the sequence until pellets appear in the burn pot. Then empty the burn pot to ensure the correct start-up sequence.

5.4.4. Set the room temperature

Set the room temperature in the Temperature Menu . The current room temperature setting will be shown. Press Enter to set the desired room temperature. The display will flash and you can select the desired room temperature using the + / – buttons. Press Enter to confirm.

(The room temperature can also be set using the remote control. See section 5.3.)

5.4.5. Antifreeze temperature (Frost protection).

Antifreeze is a setting to prevent the room temperature falling too low – frost protection, in other words. If the current room temperature falls below the Antifreeze temperature entered, the stove will start automatically. The Timer must be ON for the Antifreeze system to activate.

Use the Temperature menu to set the Antifreeze temperature. Press + and [2] will be displayed. Press Enter
Adjust the Antifreeze temperature to the appropriate setting and press Enter to confirm.
(the default setting is 10°C)

5.4.6. Select heat level

Use the Heat menu to set the stove's heat level. Press Enter and select the desired maximum heat level for your stove. 1…4, Auto, Hi. Press Enter to confirm.

(You can also use the remote control to set the desired heat level. See section 5.3.)

5.4.7. Select convection level

The convection fan is set to Auto by default and follows the Heat level automatically in this setting. We recommend that you always set the convection fan to Auto, as there is a risk of a combustion fault if the convection fan is set incorrectly.

5.4.8. Set pellet quality

Use the Pellet Type menu to set the pellet quality. Press Enter to select one of the following three options:

1 = Standard setting. (ENplus A1)
2 = Standard + 10% extra air for combustion.
3 = Standard + 20% extra air for combustion.

Press Enter to confirm pellet type.

5.5. Sub menus

5.5.1. The Settings menu

1: Keypad lock: Off, Lo, Hi (This sub-menu is used to select one of the following options)
Off = Unlocked, (You can always choose Keypad Off under this item)
Lo = Enter button locked,
Hi = Enter button and On/Off button locked
2: Display Lighting: 1, 2, 3, 4, 5 (This sub-menu is used to select one of the following options)
1 = Low 5 = High
3: Display Info: Off, 1, 2, 3 (This sub-menu is used to select one of the following options)
Off = Display continues to show the menu selected.
1 = Display alternates between room temperature and time.
2 = Display alternates between the menu selected and room temperature.
3 = Display alternates between the menu selected and time.
4: Beep Volume: 1, 2, 3, 4, 5 (This sub-menu is used to select one of the following options)
1 = Low 5 = High
5: Technical Info
6: Manual Pellet Advancement (See section 5.4.3.)
7: Service Counter (Number of hours ON until service, 0–999 hours, 999+ hours = Hi)
8: Service Menu

5.5.2. Time menu

[1] = Current time
Used to select the time, date, year and day of the week.
[2] = Timer On/Off
Used to switch the Timer function On or Off.
[3] = Programme 1 to 6 (P1, P2, P3, P4, P5, P6)
Used to set programme 1 to 6 with On/Off, time and temperature.
(See Section XXX)
[4] = Day 1 to 7 (d1, d2, d3, d4, d5, d6, d7)
(d1 = Monday, d2 = Tuesday … d7 = Sunday)
Used to set the days with associated programmes.
(See Section XXX)

5.6. Timer settings

5.6.1. Setting programmes

To set a Programme, go to the Time menu , Sub-menu [3]. Press Enter and the display shows [P1]. Press Enter and the display shows Start time (On, see below), with the hours setting flashing. Press + or - until the hour figure you require is flashing. Then press Arrow Right and the minute number will start to flash. Press + or - until the minute figure you require is flashing. Then press Arrow Right and the display will show Stop time (Off, see below), with the hours setting flashing. Press + or - until the hour figure you require is flashing. Then press Arrow Right and the minute number will start to flash. Press + or - until the minute figure you require is flashing. Then press Arrow Right and the temperature reading will start to flash. Press + or - until the maximum temperature you require is flashing. Confirm the temperature by pressing Enter and the entire programme 1 [P1] will be saved in Timer.

Repeat this process for the other programmes if you wish to use them as well.

Example 1:

Program 1		Program 2		Program 3		Program 4		Program 5		Program 6	
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
5:30	7:30	8:00	11:30	12:00	23:00	17:00	23:00	20:00	22:30	4:00	7:00
21°		21°		18°		24°		20°		22°	

Chart for own use.

Program 1		Program 2		Program 3		Program 4		Program 5		Program 6	
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Temp:		Temp:		Temp:		Temp:		Temp:		Temp:	

5.6.2. Setting days

To set up a day with one or more programmes, go to sub-menu [4] in the Time Menu  . Press Enter  and [d1] will be displayed. Press Enter  and the display will show Off (block A, see below). Press + until the programme you require (Off, P1 to P6) is displayed. Press Arrow Right  and the display will show Off (block B, see below). Press + until the programme you require (Off, P1 to P6) is displayed. Press Arrow Right  and the display will show Off (block C, see below). Press + until the programme you require (Off, P1 to P6) is displayed. Press Enter  to confirm.

Day 1 (d1 Monday) has now been set. Repeat this process for the other days if you wish to use them as well.

Example 2:

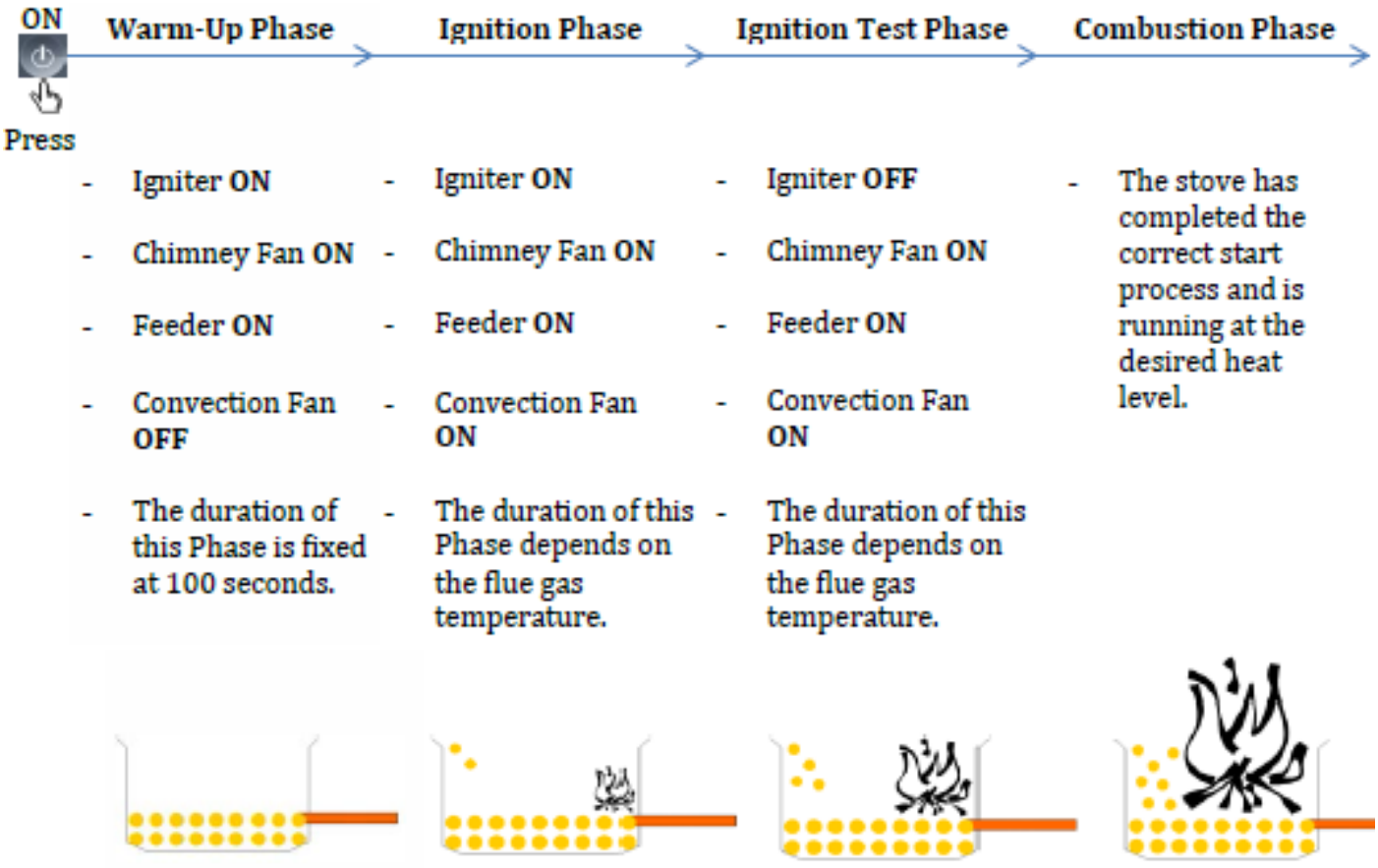
	A	B	C
d1 - Monday	*p1*	*p4*	*off*
d2 - Tuesday	*p1*	*p4*	*off*
d3 - Wednesday	*p6*	*off*	*off*
d4 - Thursday	*p6*	*p4*	*off*
d5 - Friday	*p6*	*p5*	*off*
d6 - Saturday	*p2*	*p3*	*off*
d7 - Sunday	*p1*	*p3*	*off*

Chart for own use.

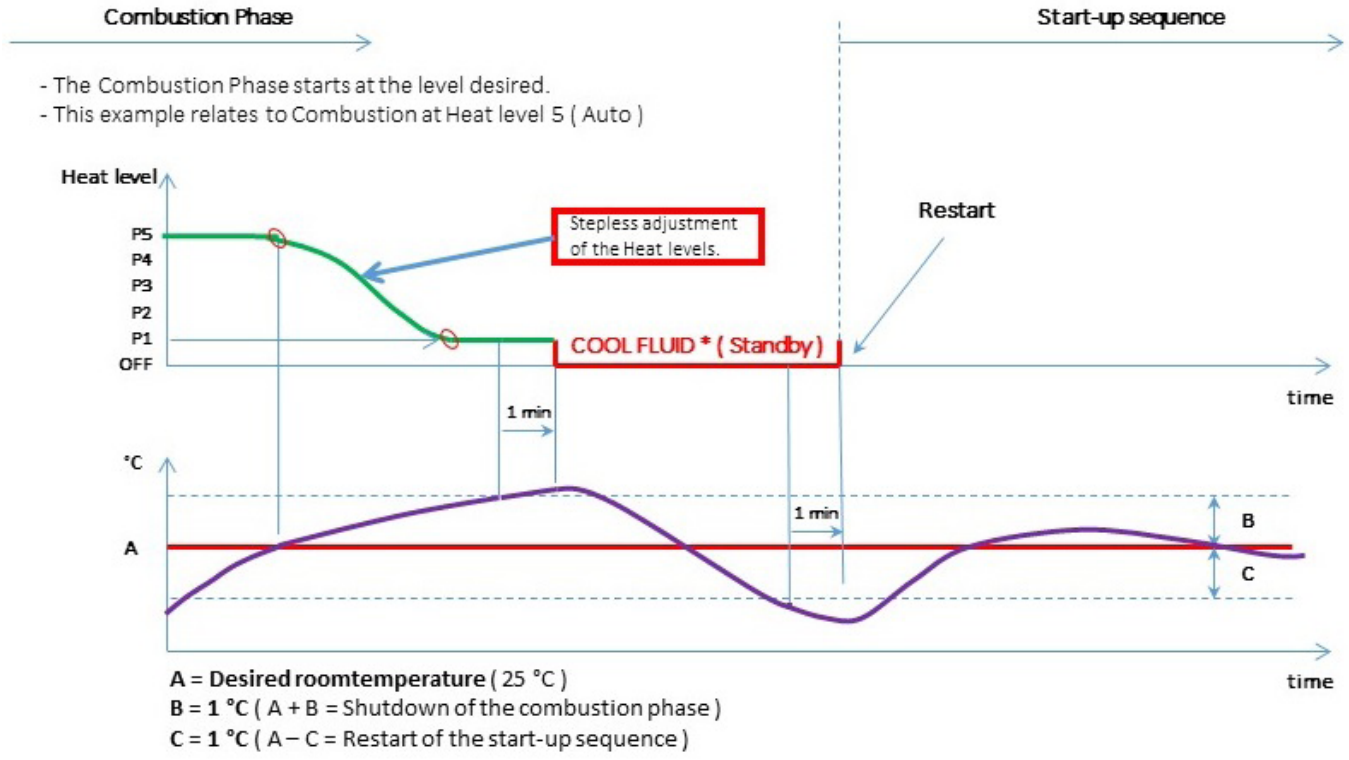
	A	B	C
d1 - Monday			
d2 - Tuesday			
d3 - Wednesday			
d4 - Thursday			
d5 - Friday			
d6 - Saturday			

6. Explanations

6.1. Start up sequence



6.2. Room temperature control



* Cool Fluid stops the combustion phase and awaits restart.

7. Troubleshooting

7.1. Alarms and errors

1. **In the event of an alarm, one or more icons start to flash, and the problem ne eds to be rectified without delay. In the event of an alarm, the stove may still be partially usable. However, it will not be fully functional.**
   Contact a professional as soon as possible.

2. **In the event of an error message, the icon will remain illuminated constantly, and the problem must be rectified without delay. In the event of an error mes sage, the stove will not function correctly. A professional MUST be contacted. In that case, the Service Alarm icon will be illuminated constantly and the code will start with an E.**

3. **Most alarms and errors have a code that helps to localise the problem. To view this code, press the Back button on the control panel and keep it depressed until the code appears in the display panel. If the display shows '- - - -' there is no code associated with the problem in question.**

Errorcode:	Description:	Possible Error:	Possible solution:
----	The Pellet Alarm icon is illuminated constantly	The Pellet tank is empty	Add pellets to the pellet tank
E004	Error in communication with the control system	Com cable defective	Contact your dealer to arrange a solution
E106	Pellet Tank Temperature sensor fault	Sensor defective	Contact your dealer to arrange a solution
E108	Pressostat / STB Pellet Tank Safety sensor fault	Sensor defective	Contact your dealer to arrange a solution
E110	Room temperature sensor fault	Sensor defective	Contact your dealer to arrange a solution
E111	Flue gas sensor fault	Sensor defective	Contact your dealer to arrange a solution
A003	The Cleaning Alarm icon flashes or is illuminated constantly	Stove and/or chimney need cleaning.	Check the cleaning manual
A004	The Service Alarm icon flashes.	The backup battery for the control system is running low.	Contact your dealer to arrange replacement
A005	The Service Alarm icon flashes.	Hall Speed Sensor on the chimney fan is not working.	Contact your dealer to arrange a solution
A006	The Pellet Alarm Cleaning Alarm Service Alarm icons flashes.	Door switch not activated or defective.	Contact your dealer to arrange a solution
A007	The Service Alarm icon flashes.	Pressostat activated / defective	Contact your dealer to arrange a solution

If you have any questions, Heta strongly recommends that you immediately contact your dealer.

7.2. Intro to Troubleshooting

Compared to a conventional wood-burning stove, a pellet stove features a lot more mechanical and electronic systems. As a result, a number of problems may arise that can have a negative influence on both ignition and combustion.
It is a good idea to check through these troubleshooting guidelines before calling a service technician and/or submitting a complaint.

7.2.1. Troubleshooting

Before ignition, check that:

a) The iron lid in the top to the pellet tank seal tightly.
b) The burn pot is sitting tightly against the lower section, and that there is no ash or pellet residue between the burn pot and the pipe in which it is fitted.
c) The seal on the ash pan is intact, and that the pan closes tightly against the stove.
d) The seal on the door to the combustion chamber is intact, and all edges of the door sit tightly against the chamber.
e) The stove has been thoroughly cleaned as described in the cleaning section of this guide.

If there are faults in one or more of the areas mentioned above, rectify the fault and then test run the stove.

Detailed explanations of sections **a** through **e**

Section a: If the seal between these parts is not tight, unwanted air will be drawn through the pellet tank and into the stove. This air will not contribute to the combustion process – rather it will reduce the volume of air used for combustion. The effect on/diminishing of the combustion process will be greater the fewer pellets are left in the tank, because the air resistance through the tank falls in step with the quantity of pellets in it.

Section b: It is important that the burn pot is correctly positioned and forms a tight seal with the stove, because the combustion air will otherwise flow around the pot. This will result in poorer combustion and diminish the effect of the cleaning function. The diminishing effect on the combustion will increase proportionately to the soiling of the burn pot.

Sections c and d: It is essential to keep the ash pan and the seal on the door tight because even a small leak will have serious consequences on the combustion. If the ash pan is even slightly open, the stove will hardly be able to burn any fuel at all, and will quickly become dirty.

Section e: If this section is not cleaned regularly as described in this guide, it will also result in faster soiling of the interior ducts in the stove and require more regular service visits involving dismantling the stove and cleaning the insides of the pipes, ducts and chambers.

7.2.2. Test run of stove

Start the stove and test all combustion levels (Auto, 4, 3, 2, and 1). During this process, it is important to check that there is sufficient combustion airflow to the stove. The sign of a successful ignition process is that the flames are pale yellow after 15 minutes of operation – the flames should also remain pale yellow if you turn the heat down. However, when adjusting to a lower level, there will be a 'conversion period' given that the airflow is reduced and fewer pellets are delivered to the stove. This process will normally last for a few minutes, when the flames may burn dark yellow or orange until optimal combustion is re-established (pale yellow flames).

7.2.3. Is the stove not burning cleanly?

If the stove settings are correct but the combustion produces dark flames, several factors may be having an influence. Fuel, pellet type and chimney will be the most significant factors, and the following section describes the relevant solutions.
The stove's basic settings are based on a pure, pale pellet and a chimney with a draught of 12 pascals (like a standard wood-burning stove). If a different type of pellet is used (e.g. a dark, heavier pellet) or if there is insufficient draught in the chimney, it may be necessary to increase the combustion airflow. You can make the relevant adjustments via the control panel. Go to the menu for 'Pellet type' (see section 8.2.7 in the instructions for use). Level 1 is the standard setting, level 2 provides 10% extra air, and level 3 provides 20% extra air.
If this is not sufficient to achieve the combustion desired, and approved service technician/dealer can increase the airflow even more using the hidden parameters in the control programme. However, this should only be necessary in exceptional cases – 10% or 20% extra air should be sufficient. If the stove receives too much air – possibly as a result of a chimney with excessive draught – it is likewise possible to reduce the airflow in the combustion process.

Too much air

Too little air

Right amount of air

7.2.4. Before calling a service technician

If the stove burns only poorly – dark flames and black smoke – or does not burn at all, contact your dealer to arrange a visit from a service technician.

When calling a service technician, it will really help the technician if you can answer the following four questions.

Description of problem:

a) Does the problem arise during ignition, after a long period of operation or when the stove is approaching the desired temperature?

b) Does it arise when you are using the Timer function and/or during ordinary operation?

c) Does it arise more/less often during specific weather conditions? Cold (great need for heat) or hot weather (little need for heat)? Does it make any difference whether or not the wind is blowing?

d) How long has the stove been in operation? Is it a problem that has suddenly occurred, or it is an issue that has become worse over a period of time? Was this a problem from the time that the stove was first connected?

Any other comment(s):_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

8. Warranty conditions

We would like to thank you for purchasing your Heta Greenfire pellet stove. We recommend that you read:

- The instructions for installation, use and maintenance
- The warranty conditions specified below:

Heta wood-burning stoves are subjected to thorough quality inspections throughout the manufacturing process and before they leave the factory and are delivered to the dealer. The combustion chamber is therefore guaranteed against manufacturing defects for a period of five years. Other components are guaranteed under the terms of the Danish Sale of Goods Act and carry a two-year warranty.

The warranty does not cover:

- Wearing parts such as:

  - Fireproof stones in the combustion chamber
  - Glass
  - Sealant tape
  - Glass rope

- Stainless steel burn pot

- Any damage arising from inappropriate installation and/or treatment of the stove and/or customer errors.

- Damage caused by incorrect use.

- Freight costs in connection with repairs under the guarantee.

- Assembly / disassembly in connection with repairs under the guarantee.

Using pellets of poor quality or pellets made of materials other than pure wood can damage stove components. As a result, the warranty is considered null and void and the manufacturer's liability is forfeited.

Transport damage is not covered by the warranty. We therefore advise you to check the stove immediately on delivery and to inform the dealer immediately if damage is discovered. The manufacturer's warranty obligations are limited to those described above, and no claims can be made on the basis of a verbal request.

When making a claim, please state the invoice no.

<u>Warning</u>

If unauthorised changes are made to your pellet stove and parts other than original spare parts are used, the guarantee will be considered null and void.

9. EU declaration of conformity

Heta
Brændeovne

20.04.2015

EU OVERENSSTEMMELSESERKLÆRING

Undertegnede, der repræsenterer følgende fabrikant

Fabrikant : Heta A/S
Adresse : Jupitervej 22 7620 Lemvig. Dk.

Erklærer hermed at produktet

Produktidentifikation : Green 200. Produktnummer. 8203-xxxx. Rumopvarmer med fjernbetjening. Fyret med træpiller, og beregnet for bolig. Handelsbetegnelse: Green 200

Er i overensstemmelse med bestemmelserne i følgende EU direktiv(er) (inklusive alle gældende tillæg)

Reference nr.	Titel
89/106/EØF	Byggevaredirektiv
2006/42/EF	Maskindirektiv
2006/95/EF	Lavspændingsdirektiv
2004/108/EF	Emc-direktiv

Referencer til standarder og/eller tekniske specifikationer som er anvendt til denne overensstemmelseserklæring, eller dele deraf:

Harmoniserede standarder:

Nr.	Udgave	Titel
DS/EN 14785	1	Rumopvarmere til boliger fyret med træpiller
DS/EN 60335-1/A11	3	Elektriske apparater til husholdningsbrug
DS/EN 60335-2-102	1	Særlige bestemmelser for. Gas olie og fast brændstofforbrugende apparate
DS/EN 61000-6-3		EMC. Emission, boliger

Andre standarder og/eller tekniske specifikationer:

NR.	Titel
DIN/EN 14785	Rumopvarmere fyret med træpiller
15A bvg/A2 2004	Godkendelse i østrig

Ovnen er testet og godkendt, hos det akkrediterede prøvningsinstitut. Rhein-Ruhr Feuerstetten Prüfstelle
Im Lipperfield 34 b 46047 Oberhausen
Rapport Nr. RRF- 85 14 3824

Heta A/S D.20/04-2015

Lars Kirk. Afdelingsleder. Udvikling

Heta A/S
Jupitervej 22
DK-7620 Lemvig
Danmark

Tlf. +45 96 63 06 00
Fax.+45 96 63 06 16
www.heta.dk
E-mail:heta@heta.dk

10. Nameplate

Production Nr. 8203-0000

Heta
www.heta.dk

CE

Heta A/S Jupitervej 22
7620 Lemvig Denmark

Test report no.: RFF - 85 14 3824

DIN/EN 14785

Scan-Line Green 200 with steel, soapstone, sandstone and ceramic cladding.

greenfire

123456

Distance to combustible behind the stove	70 mm
Distance to combustible to side of the stove	150 mm
Distance to furniture in front of the stove	700 mm
Nominel output:	
Emission of CO at 13% O2	0.017 %
Emission of CO in I Mg/Nm3 at 13% O2	213
Particles Mg/Nm3	18
Nox content Mg/Nm3	111
OGC content Mg/Nm3	> 5
Flue gas temperature	121 C°
Thermal output	9,0 kW
Energy effeciency	91%
Electrical power consumption	68 W
Low output:	
Emission of CO at 13% O2	0.025 %
Emission of CO in I Mg/Nm3 at 13% O2	313
Nox content Mg/Nm3	86
OGC content Mg/Nm3	> 5
Flue gas temperature	46 C°
Thermal output	2,4 kW
Energy efficiency	97%
Electrical power consumption	35 W
Fuel types:	Wood pellets 6 and 8 mm

Follow the manufacturer's operating manual, on how to install the stove.
The appliance is designed for continuous combustion.

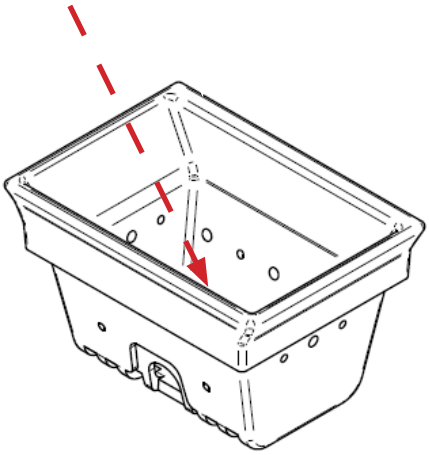
11. Cleaning, Maintenance and Service

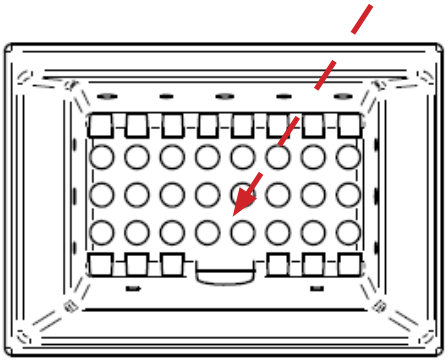
11.1. Daily Cleaning

11.1.1. Cleaning the burn pot

A clean burn pot is essential to ensure the pellet stove operates correctly and without problems. During operation, baked on ash deposits will develop and must be regularly removed (as required), as these impede correct combustion. Correct daily cleaning will ensure the stove has optimal combustion and good performance, and avoid operational failures which may ultimately require assistance from a technician to return the stove to working order.

Clean also the hole in which the burn pot sits, as ash which falls through the burn pot will impede airflow.

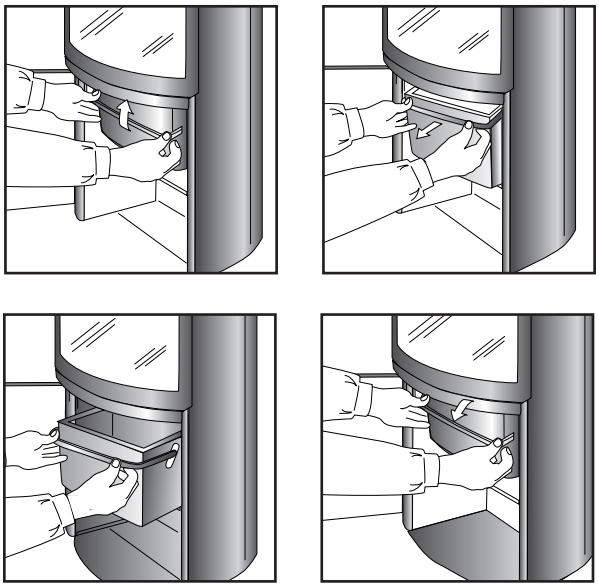




11.2. Weekly Cleaning

11.2.1. Cleaning the ash pan

The ash pan must be emptied about once a week, depending on how often the stove is in operation and the quality of the pellets.
Open the lower stove door to access the ash pan.



11.2.2. Cleaning the combustion chamber

The stove requires light but regular cleaning to ensure stable operation. Clean the combustion chamber every 2-3 days, for example using a vacuum cleaner. Ensure that the ash is completely cool and all embers are extinguished.

NB: The combustion chamber stone are a porous material and should be treated accordingly.

11.2.3. Cleaning the glass

Clean the glass whenever necessary. Depending on the pellet quality and heat level used (a low heat level leads to more dirt/deposits), deposits will eventually form on the glass. These can be removed using paper or a cloth and glass cleaning agent. If the deposits are hard/baked on, you can use a plastic pot scourer and glass cleaning agent.

11.3. Monthly

11.3.1. Glass door seal and gaskets

It is important that the glass door seal, the ash pan gasket and pellet tank cover seals tightly, as the stove requires underpressure in the combustion chamber for correct operation.

The glass seals must be replaced if worn, or glued in place using ceramic glue if loose.

Ask your dealer if you need assistance.

11.4. Semi annually / Annually

11.4.1. Emptying / Cleaning of the pellet tank.

Pellettank should be emptied and vacuumed for dust and pellet remains at least semiannually

11.4.2. Cleaning the flue gas channel

Clean the flue gas channel using the round steel brush supplied with the stove. Vacuum any ash remainings inside the inspection hole at the front bottom of the stove.

11.4.3. Cleaning the Pressostat: (*)

The pressostat is connected to the chimney fan by a silicone hose. Clean the silicone hose if dirty using water and soap (ensure it is completely dry before reinstalling). Apply suction to the pressostat inlet and listen to hear if it clicks.

11.4.4. Cleaning the convection fan (*)

Check that the convection fan turns easily by turning it with your fingers. Clean off dust and any other dirt, for example using a soft brush.

11.4.5. Internal flue pipe and chimney fan (*)

The stove's horizontal flue pipe must be kept free from ash and soot. Remove the chimney fan and clean any ash or soot off the housing and blades.

Points marked with an asterisk (*) should only be carried out by an authorised dealer

11.5. Service Interval

There is a built-in service counter set to 2.400 ON hours. To view the status of this service counter, see the Settings Menu, Menu Item 7. This SERVICE COUNTER counts down from the 2,400 ON hours. If the amount of hours is more than 999 the display will show Hi. Once they have expired, an alarm will be triggered in the form of a noise and two flashing icons. These icons  will continue to flash until an authorised service technician has completed a service procedure on the stove and reset the service counter.
(The stove can still be used in this period)

11.5.1. Cleaning Interval

Parts / Frequency	Every day	Once a week	Semi Annually	Annually
Burn pot	X			
Ash pan		X		
Combustion chamber		X		
Glas		X		
Seals and gaskets		X		
Pellet tank			X	
Flue gas channel / chambers			X	
Heat exchanger surface			X	
Pressostat (*)				X
Convection fan (*)				X
Internal flue pipe and chimney fan (*)				X

Points marked with an asterisk (*) should only be carried out by an authorised dealer.

Tools suitable for cleaning can be purchased from your authorised HETA dealer.
If the directions and cleaning schedule in this cleaning manual are not observed the warranty will become void.