



**duroflame<sup>®</sup>**

Manual Batavia T4 - Rembrand T3 - Carré T3



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## Introduction

Dear customer,

We would like to thank you for choosing and trusting Duroflame pellet stoves. Duroflame pellet stoves are designed, developed and manufactured in the Netherlands with the utmost precision and attention. This is to maximise user enjoyment and protect the safety of both the user and the installer.

To get the most out of your Duroflame stove and use it as safely as possible, we recommend that you read this manual carefully before using the stove.

We also recommend that you keep the manual within easy reach of the stove for easy and quick access. In case the manual is lost or damaged, you can request a copy from Duroflame. The manual is also available on our website.

Important items in this manual are represented by the images below. Pieces of text will also be executed **in bold** to draw extra attention.

### Important symbols:

|   |  |
|---|--|
|  | <p>Caution:<br/>For this warning symbol, read the corresponding paragraph carefully. This text contains information you need to know for proper and <b>safe</b> operation of the pellet stove.</p> |
|  | <p>Information:<br/>This symbol indicates important information on the proper functioning of the pellet stove.</p>   |

Due to the constant improvement of Duroflame products, Duroflame reserves the right to make changes and additions to this manual without prior notice. Copying (in part) of this manual is prohibited without permission from Duroflame.

## 1 Warranty conditions and recommendations

### 1.1 Warranty conditions

Duroflame guarantees a 2-year warranty on its pellet stoves, provided the warranty certificate (invoice) and accompanying documents are present. This guarantee does not apply to parts subject to normal wear and tear, for example the burn pot. **The electrical and electronic components and the fans are covered by a 2-year warranty, with the exception of the glow plug.** Only if it can be shown immediately upon purchase that the glow plug is defective from the factory is this covered by the warranty. The guarantee does not apply to parts that become defective due to lack of maintenance and/or the use of poor quality pellets. The guarantee also does not apply if damage occurs due to atmospheric influences, natural disasters, electric current surges, fire, faulty (electrical) installation or maintenance not carried out in accordance with the manufacturer's instructions.

- Duroflame will ensure that the agreed deliveries are carried out properly and in accordance with the standards (applicable in its industry), but will never give a more far-reaching guarantee in respect of these deliveries and work than as expressly agreed between the parties.
- During the warranty period, Duroflame guarantees the usual normal quality and soundness of the delivered goods.
- If a warranty has been issued by the manufacturer or supplier for the goods delivered by Duroflame, such warranty shall apply equally between the parties. Duroflame shall inform the other party accordingly.
- If the purpose for which the other party wishes to treat, process or use the goods differs from the usual purpose of these goods, Duroflame only guarantees that the goods are suitable for this purpose if it has confirmed this to the other party in writing.
- No appeal to the guarantee is possible as long as the other party has not yet paid the price agreed for the goods and/or the fee agreed for the work.
- The previous paragraph does not apply to consumers.
- In the event of a justified claim under the guarantee, Duroflame will - at its discretion - take care of repair or replacement of the goods free of charge, the correct execution of the agreed work or a refund or discount on the agreed price. If there is additional damage, the provisions of the liability clause included in these general terms and conditions shall apply.
- Contrary to the previous paragraph, the consumer has the choice between repair or replacement of the goods or still carrying out the agreed work correctly, unless this cannot reasonably be required of Duroflame. Instead, the consumer may always dissolve the contract by written declaration or demand a discount on the agreed price.
- We strongly recommend leaving the stove door ajar during periods when the stove is not in use. This will prevent moisture problems.

## 1.2 Safety recommendations



- Installation, repair and maintenance of the stove should only be carried out by qualified personnel. Pay particular attention to electrical connections and connections. Ensure that all electrical connections are securely fastened to prevent contact with the rest of the stove.
- All local provisions, including those referring to national and European standards, must be respected when installing and using the appliance.
- The appliance should not be used by children under 8 years of age. This appliance may be used by children over 8 years of age and by persons with reduced physical, sensory or mental capabilities or lack of the necessary experience and knowledge if they are supervised or instructed in how to use the appliance safely as well as understand the hazards associated with its use. Children should not play with the appliance. Keep the appliance and the power cord out of reach of children under 8 years of age. Do not allow cleaning and maintenance by children unless they are over 8 years old and supervised.
- After unpacking the product, check it thoroughly and carefully. If the contents of the package are incomplete or incorrect, contact the dealer from whom you purchased the product. Do not leave packaging material within the reach of children or persons with reduced physical, sensory or mental capabilities for whom it may present a danger.
- All packaging materials can be reused in similar uses or possibly as waste similar to municipal solid waste, in accordance with regulations.
- A broken stove that is beyond repair contains valuable raw materials that can be reused after processing. Therefore, seek advice from the municipal cleaning service for environmentally friendly disposal and processing.
- For proper application and use of the stove, it is important that each user reads this manual carefully and completely and follows the instructions.
- The stove may only be used for the application for which it is designed. The manufacturer cannot be held liable for damage caused by improper use and/or application.
- Do not place objects on the stove and make sure objects are placed at a safe distance from the stove. Failure to follow this recommendation may cause a fire hazard.
- Responsibility for improper use of the stove lies entirely with the end user and exempts Duroflame from all liability.
- Any modification to the stove and replacement with non-original parts may compromise the safety of the user and exempts Duroflame from all liability. It is forbidden to apply these modifications and replacements without written permission.

- Do not twist or pull electrical cables, even when the stove is disconnected from the mains.
- Do not close or reduce vents. Vents are necessary for proper combustion and prevent the stove from overheating.
- Avoid touching the hot parts of the stove without protective clothing or accessories.
- It is not permitted to operate the stove with an open fire chamber door. This could cause smoke formation in the room.
- The stove is an electrical appliance, therefore be careful with moisture and liquids around the stove. Before carrying out cleaning and/or maintenance, we recommend that you switch off the stove before doing so, then perform its shutdown procedure and then unplug it.
- The stove must be connected to a circuit breaker and an earthed socket, in accordance with standards 73/23 EEC & 93/98 EEC.
- Incorrect installation or poor maintenance may cause damage to persons, animals or objects. In this case, Duroflame disclaims all liability.
- The stove should be fully cleaned and serviced after every 1,200 hours of burning or after every year of use.

### **1.3 Operating recommendations**

- Using the control panel, switch off the stove in case of a malfunction or poor operation.
- After the stove does not start up correctly, unburnt pellets should be removed before a new start-up attempt is made.
- Never manually throw pellets into the burn pot.
- Never light the stove in any other way than the described start-up procedure.
- Install the stove in a suitable room equipped with ventilation, electricity, a flue outlet and fire-fighting equipment.
- Do not let the room heated by the stove overheat, as this can cause health problems
- In case of fire in the flue, switch off the stove and keep the door closed.
- If the stove is on a combustible surface, there should be a fire-resistant sheet of steel or glass under the stove.

## 2 Operation

### 2.1 The fuel



Duroflame pellet stoves use pellets as fuel. Pellets consist of wood fibres that are pressed together under very high pressure. After which, without any additives, they take on their solid form. It is **not permitted to burn any raw materials other than wood pellets in Duroflame pellet stoves**, not even to light the stove. If this is done, the warranty will be voided and safety compromised.

It is important that the composition of the pellets is of good quality. The quality of the pellets affects the combustion and fouling of the stove.

It is allowed to use, as fuel, only sawdust-based natural wood pellets (also called pellets) **certified class A1 according to standard ISO 17225 2 (ENplus A1 or DIN Plus)**. Any biomass fuel other than these wood pellets is prohibited.

Characteristics of good pellets are:

Diameter: 6-7 mm

Length: 30 mm

Hard pressed

Free of additives, adhesives and resin

Calorific value of 20,244 kJ/kg

Moisture content of 7%

**Bad pellets cause the following problems:**

**Poor combustion**

**Clogging the burn pot**

**Blockage of flue pipes**

**A quickly soiled window**

**Lots of ash and unburnt pellets**

 Please note that damp pellets can cause poor combustion and therefore the above problems. Store your pellets dry and at least one metre away from the stove. We recommend choosing your pellets carefully. Using bad pellets can damage your pellet stove, voiding the manufacturer's guarantee and liability.

## 3 Installing the stove

### 3.1 Precautions



Installation of the stove must be carried out by qualified personnel.

The stove must only be installed in a suitable room, the room must:

- Comply with the operating and environmental conditions (described in this manual).
- Be supplied with electricity (230V 50 Hz (73/23/EEC))
- A properly installed ground/earth connection is necessary.
- Be equipped with a chimney flue or vertical indoor or outdoor flue.
- Be provided with earthing, in accordance with EU standards.



Combustion of the pellets in the pellet stove produces flue gases. To discharge these flue gases, the stove must always be connected to a flue or a vertical indoor or outdoor flue. These flue gases are barely visible, but can become very hot. Therefore, avoid contact with the flue gases.

### 3.2 Stove location

The position of the stove depends on the space and the possibility of chimney/flue installation. Consult the local authorities about the local rules for stove installation with regard to the chimney/flue pipe and other regulations laid down in this regard. The manufacturer declines all responsibility if the installation does not comply with current legislation.

For proper cooling of the stove, proper distribution of heat from the stove and to promote fire safety, distances from other objects must be taken into account. See chapter 9 for exact dimensions, this varies for each stove. The stove must also be positioned in such a way that there is a good possibility to clean and maintain the stove and flue pipes.

The stove **should be installed on a flat part of the floor**. It can also be levelled using the special feet supplied with the stove. Make sure the stove is level and has no slope. This can lead to strange behaviour during combustion and a poor connection to the flue.



It is not permitted to place the stove in a bedroom, in a bathroom, in a shower, in a room where there is a risk of explosion or outdoors. The stove should also not be placed on a floor that does not seem suitable to support the weight of the stove. If the stove is located on a combustible surface, there should be a fireproof sheet of steel or glass under the stove.

### 3.3 Connection

#### *Electrical connection*



It is important that the stove is installed by qualified personnel. Connection to the mains is by means of the power cable provided. Ensure that the plug remains accessible at all times when the appliance is installed. Ensure a properly earthed socket. The stove is protected by a fuse at the back of the stove.

#### *Connection to the flue gas duct*

This chapter describes the conditions that the flue gas duct must meet. These conditions prescribed by us should in no way be considered a substitute for existing regulations. All local provisions, including those referring to national and European standards, must be observed when installing the flue gas duct.

The factory is not responsible for any malfunction of the stove due to the use of a flue that does not comply with the conditions and regulations.



- **Have the flue and pellet stove installed by qualified personnel.**
- **The internal diameter of the duct should be equal to or greater than 80 mm.**
- **Use only steel or stainless steel pipes for the ductwork, not plastic or aluminium.**
- **Use only pipes with a silicone sealing ring for the duct, which are resistant to high temperatures.**
- When taking bends, always use tees with an inspection facility for annual maintenance.
- The connection between the stove and the chimney should be as short as possible to ensure a good draught and to prevent condensation.
- Do not use more than three 90° bends (tees).
- Horizontal sections should not exceed 2 metres in length with a minimum angle of 5°.
- Do not connect more than 1 appliance to a flue.
- Use insulated pipes outdoors to prevent condensation.

#### *Ventilation*

For proper combustion in the stove, it is necessary to provide good ventilation to the room in which the stove is located. Poor combustion can be caused by poor ventilation in the house. This can especially occur in modern, airtight homes. Even in rooms where (electric) ventilation is present, poor combustion can occur more quickly. Applying/installing proper ventilation can prevent these problems. Good ventilation at the stove is mandatory.

The air intake must have a total net area of 100 cm<sup>2</sup>. This area should be increased if there are (electric) extraction or heating systems in the same room (e.g. an extractor hood or wood stove).

On all Duroflame pellet stoves it is possible to connect an external air inlet. By using this external air inlet, the pellet stove uses outside air for combustion. The combustion of the stove is then no longer influenced by the ventilation in the room. Ask your dealer about the possibilities.

-  The air inlets listed above must guarantee a minimum capacity of 50m<sup>3</sup>/hour. The air inlet must not be blocked under any circumstances.

## 4 Starting a pellet stove

### 4.1 Starting up for the first time

-  **Caution!** When using the stove for the first time, observe the following advice:
- The curing process of the lacquers is finished only after burning the stove a few times. This curing process can give off fumes and odours that are not released later.
  - Use the stove on medium power the first few times to allow all mechanical parts to settle and the paints to harden. This promotes the stove's longevity.
  - Keep children away from the stove, the fumes released can be harmful to children's health. Adults should also be careful with these fumes and avoid inhalation as much as possible.
  - Do not touch parts and surfaces until they have cooled down completely, the parts and surfaces may still be unstable.
  - Ventilate the room very well several times after and during initial use.
  - The very first start-up of the pellet stove may take longer than usual. Because the auger is not yet filled with pellets, it takes longer for the pellets to settle in the burn pot.  
It is even possible that it takes too long and the pellet stove gives an error message (Error1).



-  Perform the following points before starting the pellet stove for the first time:
- Make sure the pellet stove is installed correctly, as described in the previous paragraphs.
  - Fill the reservoir with pellets and check that there are pellets in the reservoir.

- Check that the burn pot is placed as far back as possible and that the glow plug is in front of the hole in the burn pot.
- Check that the door is properly closed.

## 4.2 Switching on the pellet stove

You do this by using the power switch. The power switch is the switch next to the power cable plug.

### 4.2.1 Ignition



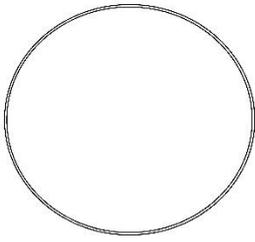
- Check that there are enough pellets in the reservoir.
- Check that the burn pot is clean or that it is placed as far back as possible and that the glow plug is in front of the hole in the burn pot.
- Check that the door is properly closed.

## 4.3 Operation

A pellet stove works as follows: The pellet stove has a built-in reservoir for pellets. From this reservoir, the pellets are transported to the burn pot by an auger. A glow plug is used to ignite the pellets in the burn pot. The air required for combustion is forced past the burn pot by the flue gas fan. The flue gases resulting from combustion are removed by the flue gas fan.

- ⓘ Depending on the model, the pellet stove can create a warm air flow in the room in two ways. One way is through a room fan inside the stove and the other way is through natural convection. **Since these airflows also prevent the stove from overheating, it is very important that the applied airflow works and is not blocked.**
- ⓘ Do not cover the stove with material. Do not place objects on the upper part of the stove, including pans, sheets or objects.

#### 4.4 Button Controller



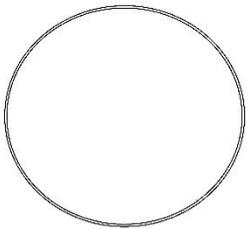
-The controller consists of 1 button and 6 multicoloured LEDs.

-The functions of each are explained below.

#### 4.5 Leds

There are 6 LEDs near the Button.

The first from the left is the **STATE LED**, which represents the working state of the device.



## LED STATUS

The **STATE LED** changes colour and flashing pattern based on the current state of the stove.

| <b>Table 1. Meaning of the LED status</b>      |                    |
|--|--------------------|
| State  | Colour and pattern |
| Normal operation                               | Constant green     |
| Adjust power level                             | Pulse green        |
| Cooling down                                   | Flashing blue      |
| Error  | Flashing red       |
| Access Point active - Available for connection | Flashing yellow    |
| Connected access point                         | Constant Yellow    |

The 5 remaining LEDs are called **POWER LEDs**.

Their colour depends on the current state of the stove.

The 5 Power LEDs can indicate two colours, green and blue.

| <b>Table 2. Meaning of the five POWER LEDs</b> |   |
|--|---|
| Colour   | Description   |
| Green  | Selected power level<br>(1 LED means Power Level 1   5 LED Average = Power Level 5) |
| Blue   | Cooldown process (5=100%   1=0%   0= cooldown complete)                             |

## 4.6 Button explained

The button can be pressed clockwise or anti-clockwise.

| <b>Table 3. Use of the button</b> |   |
|-----------------------------------|---|
| Use                               | Description                             |
| Turn clockwise                    | Select a higher power level             |
| Turn anticlockwise                | Select a lower power level              |
| Press once                        | Reset error - disable WiFi access point |
| Long press (>5 seconds)           | Switch on WiFi access point             |

## 5 User manual

### 5.1 SWITCH ON/OFF

While the stove is OFF, all LEDs are switched off.

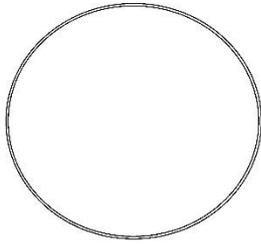
By turning the knob clockwise, the **STATE LED** and the first from the **POWER LEDs** turn green. The **STATE LED** flashes for 3 seconds to wait for your final selection. After 3 seconds, it saves your choice and operates at the **POWER LEVEL** you selected.

Depending on how many **LEDs** are green, in addition to the **STATE LED**, that is the **POWER LEVEL** that the stove goes to after the Ignition process.

### 5.2 Setting the power level

The power level can be set between 0 and 5 using the knob. The power level is increased by turning the knob clockwise and decreased by turning it anti-clockwise.

The **STATE LED** flashes for 3 seconds to wait for your final selection. After 3 seconds, it saves the selection and operates at the **power level selected**.

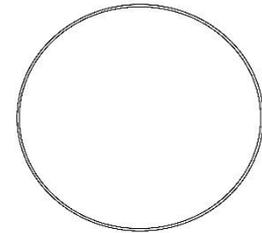


*Power level 4*

### 5.3 Read and reset error

The stove is equipped with a series of sensors and control mechanisms to ensure the safe operation of the unit.

In case of an error of any of these control mechanisms, an error will be recognised by the stove controller. In case of an error, the STATE LED turns red and starts flashing.



The **FAULT CODE** can be read by counting the number of flashes.

Check the error list for the error code corresponding to the number of flashes.

After the fault has been recognised and the source problem resolved and fixed, the alarm on the controller can be reset by pressing the button once.

The **STATE LED** turns green for 2 seconds to confirm the reset.

### 5.4 DHS Toolbox

The DHS Toolbox can be used to read or change parameters and system configuration from a technician and authorised personnel. The Toolbox can connect to the revolute via Wi-Fi or direct connection. Changes are not allowed in the parameters of this menu, as this may cause irreparable damage to the heating device.

## 6 Periodic maintenance

### 6.1 General maintenance

For a long service life of the stove, it is important to carry out regular maintenance and clean the stove as described in the following paragraphs. **For (fire) safety reasons, it is necessary to have a full service carried out by qualified personnel after every year of use, or every 1,200 burning hours.**



Perform all maintenance and cleaning when the stove is switched off, the plug is unplugged and the stove has cooled down.

Never use caustic or aggressive cleaning agents on both external and internal parts. Using these agents may lead to corrosion and damage. Use of these agents will void the warranty.

Have broken parts replaced by your dealer or manufacturer.

#### 6.1.1 Cleaning the burn pot and ash pan

Before each use, clean the burn pot and ash pan. Cleaning the burn pot is important for proper combustion. Without cleaning the burn pot, the holes in the burn pot can become clogged and air cannot reach the combustion properly. This causes slagging. When cleaning, make sure no ash or pellets are **left under the burn pot.**

#### 6.1.2 Cleaning the glass

To keep a clear view of the fire, it is necessary to clean the glass in the door. How often the glass needs to be cleaned depends on the pellets used. You can clean the glass with a damp paper towel dabbed in ash. You can then use this cloth to clean the window. After this, you can rub the window dry.

The glass in the stove can withstand high temperatures, but it may break if it cools down too quickly. Therefore, always wait with cleaning agents until the stove has cooled down completely. If the glass is broken, the stove must no longer be used and the glass must be replaced by qualified personnel.

#### 6.1.3 Cleaning of painted metal parts

Painted parts can be cleaned with a damp cloth or a (natural) chamois (because of lint) Do not use aggressive, corrosive cleaning agents or oil-based cleaning products. Do not use petrol, alcohol or similar.

#### 6.1.4 Cleaning the combustion chamber

It is important to regularly vacuum out and empty the pellet stove properly. To do this, use a Hoover suitable for sucking ash or a special ash Hoover.

### 6.1.5 Cleaning the pellet tank

Clean the pellet reservoir every 3 months, depending on your pellets and consumption. If too much dust and sawdust accumulates at the bottom of the reservoir, the auger may not be able to load enough pellets or the auger may even jam and cause damage.

### 6.1.6 Maintenance schedule

| Parts/ Period              | For every use | 2 days | 7 days | 90 days | Yearly & after 1200 burning hours |
|----------------------------|---------------|--------|--------|---------|-----------------------------------|
| Burn pot                   | X             |        |        |         |                                   |
| Window                     |               | X      |        |         |                                   |
| Fire chamber               |               |        | X      |         |                                   |
| Flue system/heat exchanger |               |        |        |         | X                                 |
| Pellet tank                |               |        |        | X       |                                   |

## 6.2 Annual maintenance

Every year or after 1200 hours of burning, the pellet stove should undergo a complete servicing, for the preservation of your stove and your own safety. The stove should be completely dismantled and the heat exchanger and flues cleaned. This is important as otherwise the stove will become clogged with ash and dust. This annual maintenance should be carried out by qualified personnel. Below are the different models with the parts to dismantle for cleaning the flue and heat exchanger.

a. **Batavia T4**

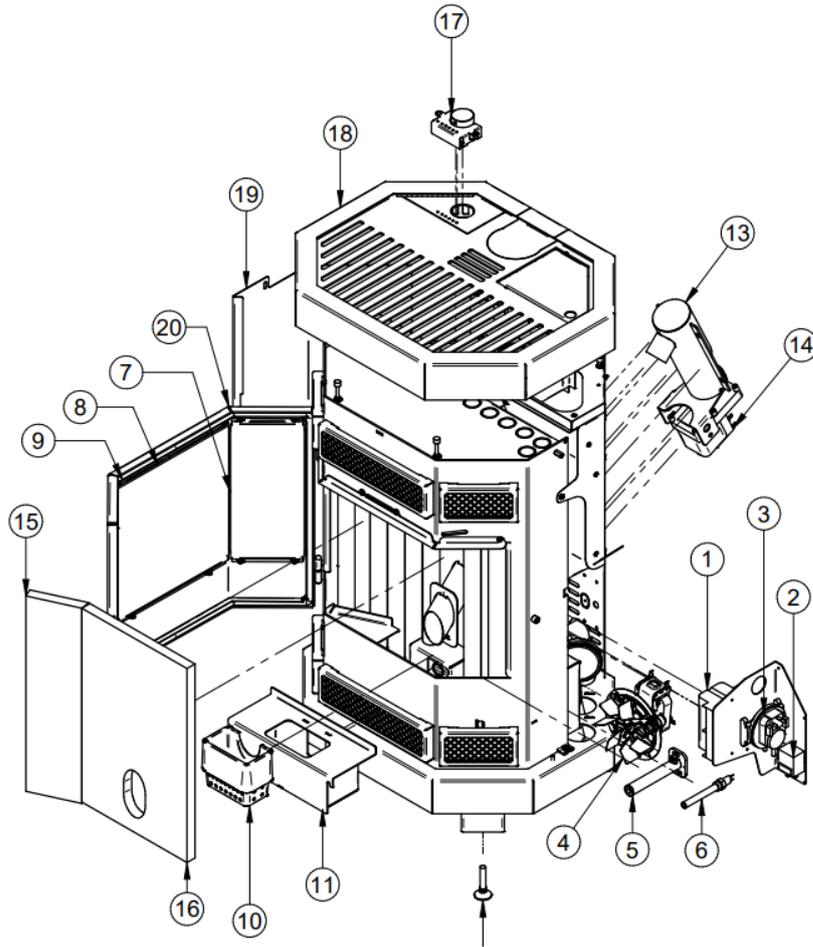


Figure 11-Exploded view

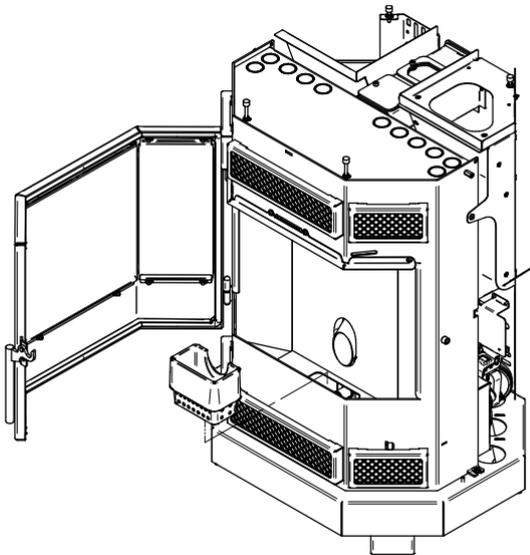


Figure 2- Combustion Pot

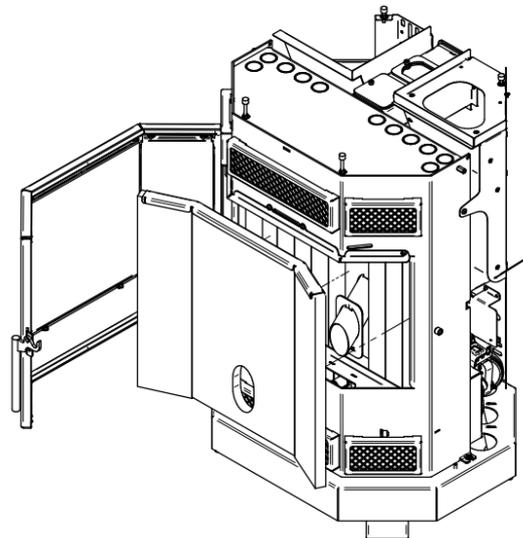


Figure 3- Vermiculite Lining

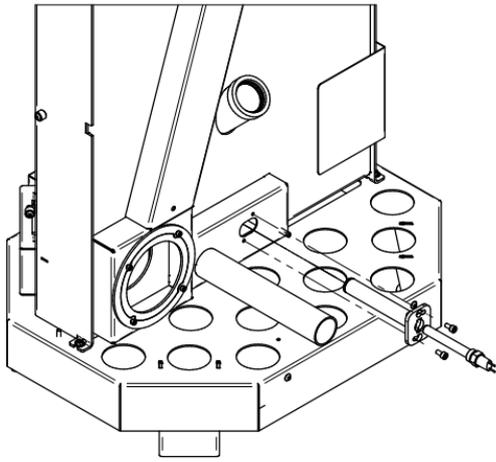


Figure 4- Igniter Removal

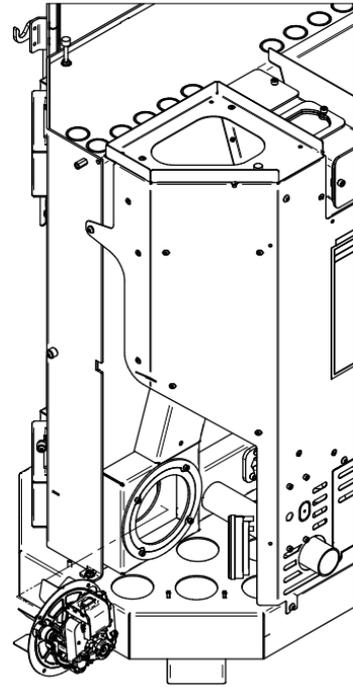


Figure 5- Fan Removal

b. Rembrand T3

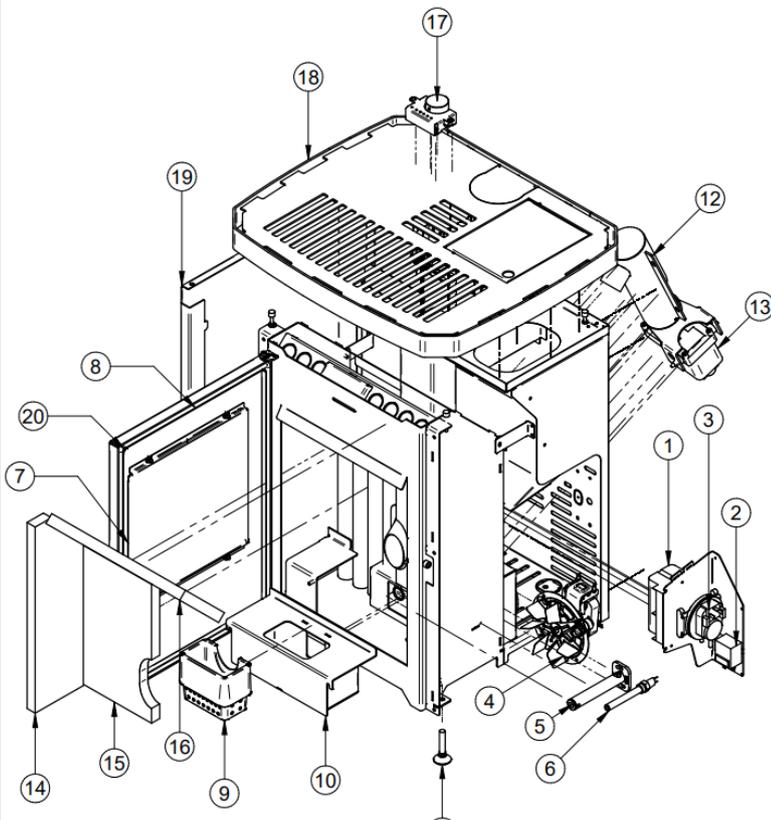


Figure 1- Exploded view

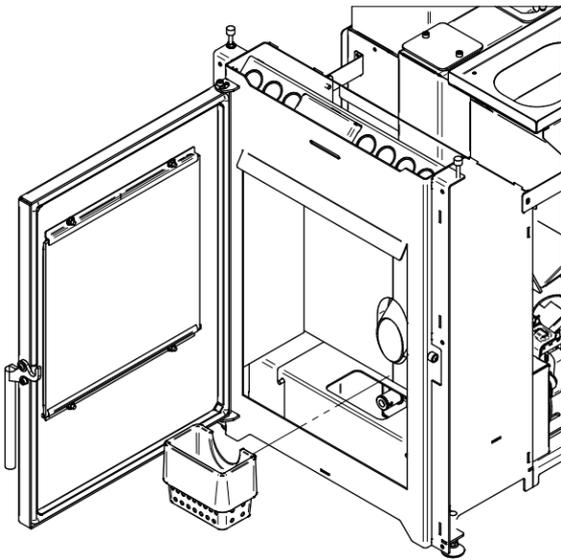


Figure 2- Combustion Pot

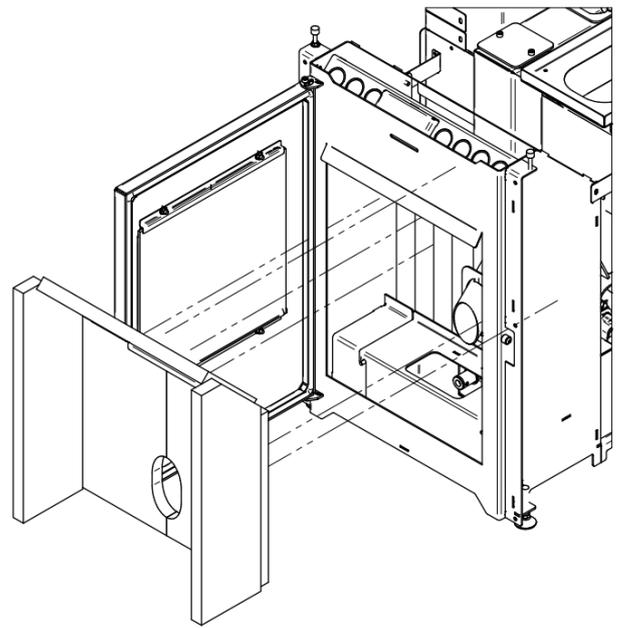


Figure 3- Vermiculite Lining

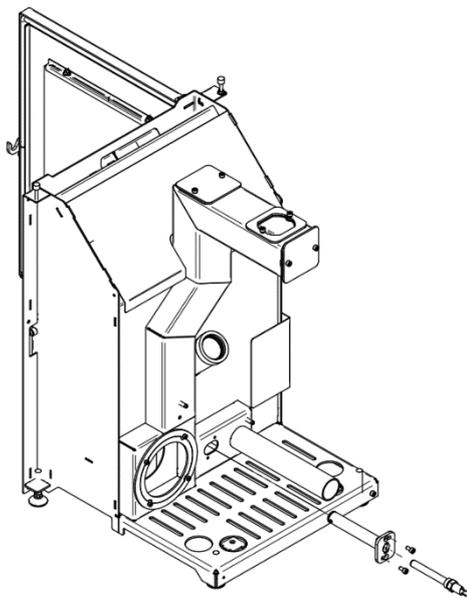


Figure 4- Igniter Removal

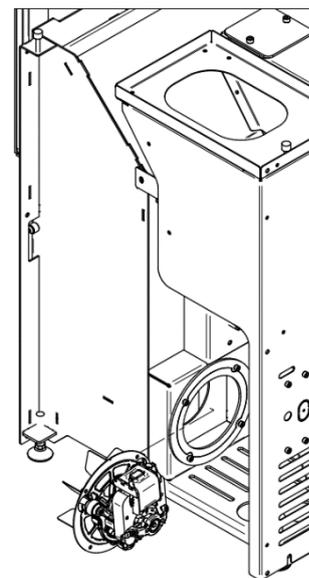


Figure 5- Fan removal

c. Carré T3

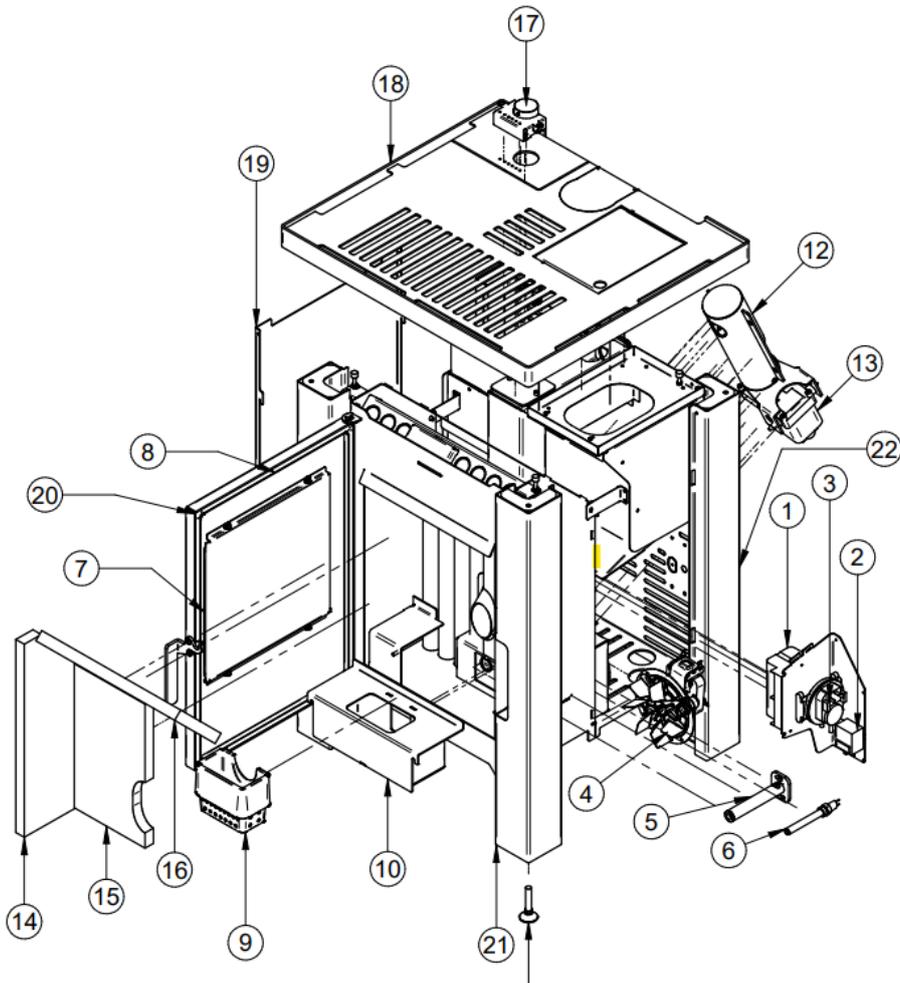


Figure 1- Exploded view

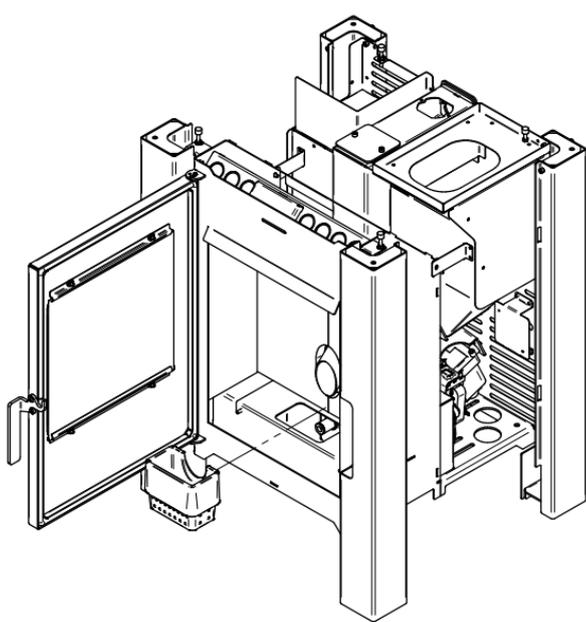


Figure 2- Combustion Pot

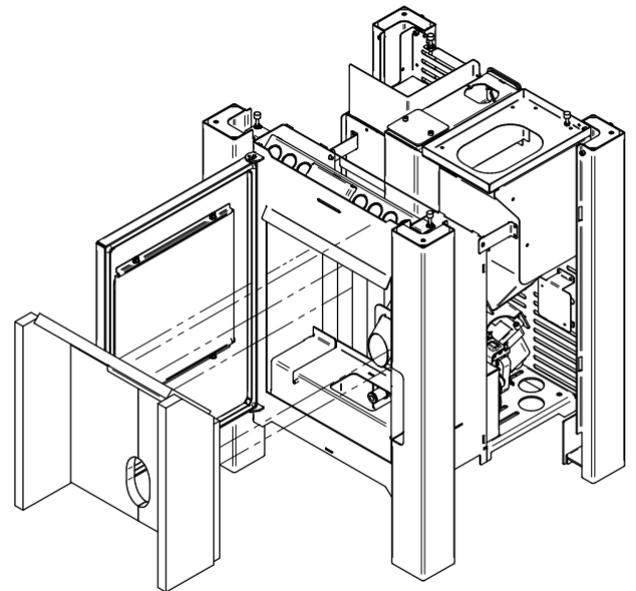


Figure 3- Vermiculite Lining

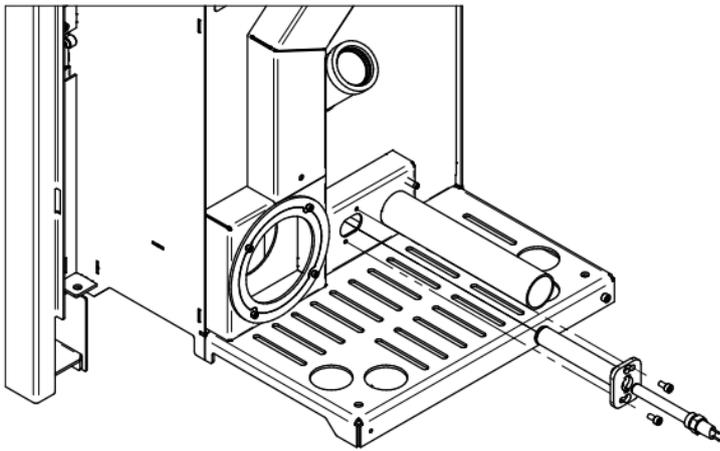


Figure 4- Igniter Removal

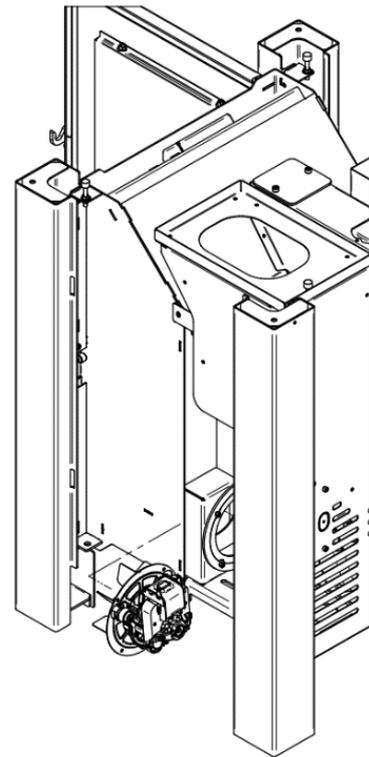


Figure 5- Fan removal

## 7 Problems and solutions

### 7.1 No pellet supply

The stove does not feed pellets.

Possible causes:

- One of the protection sensors is switched on, this can be the maximum thermostat (see component 10.1.7) or the pressure switch (see component (10.1.6)).
- The auger motor (see component 10.1.4) is faulty.
- The auger (see component 10.1.5) is jammed or blocked.
- No pellets in the pellet container

### 7.2 No ignition

The stove measures the temperature rise of the flue gas by means of the flue gas temperature sensor (component 10.1.12). If these do not rise fast enough,

the stove will show an error. This requires a distinction between ignition or no ignition.

There is actually no ignition and no fire.

Possible causes:

- The glow plug is defective (see component 10.1.8)
- Not enough oxygen. This can have several causes:
  - The stove is clogged and needs maintenance. (6.2 annual maintenance)
  - The flue fan (10.1.9) does not operate with sufficient strength.
  - There is too much underpressure in the house. Examples of causes include; too little ventilation, mechanical central extraction, cooker hood in the kitchen. You can check this by opening a window near the stove. If the stove burns well, you have too much underpressure in the house.

There is fire and ignition, but the stove does not measure enough flue gas temperature. Possible causes:

- Smoke temperature sensor (10.1.12) defective.
- The ignition phase takes too long. One solution is to increase the speed of the flue fan and pellet supply.

### **7.3 Pellet stove gets too hot**

If the pellet stove gets too hot, it shuts down and then shows ERROR 6 on the display. The maximum thermostat (see 10.1.7) then comes on. This can have several reasons:

- The combustion is too hot. This may be caused by pellets with too much energy. The pellet supply should be adjusted downwards.
- The flue fan cannot discharge enough flue gases and thus heat. Check that the burn pot is clean. The pellet stove may also need maintenance.
- The pellet stove is covered. When covered, the pellet stove cannot lose its heat.

## 7.4 It gets too hot in the house

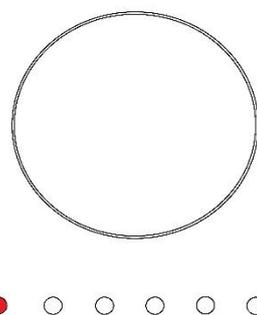
This can have several causes:

The stove has too much power in P1. This is the cause in most cases, there is nothing wrong with the stove. This means that in a small and/or well-insulated room, the temperature will continue to rise as long as you leave the stove on. If you don't want the temperature to rise further, provide adequate ventilation or turn off the stove.

## 8 Read and reset error

The stove is equipped with a series of sensors and control mechanisms to ensure the safe operation of the unit.

In case of an error of any of these control mechanisms, an error will be recognised by the stove controller. In case of an error, the STATE LED turns red and starts flashing.



The **FAULT CODE** can be read by counting the number of flashes.

Check the error list for the error code corresponding to the number of flashes.

After the fault has been recognised and the source problem resolved and fixed, the alarm on the controller can be reset by pressing the button once.

The **STATE LED** turns green for 2 seconds to confirm the reset.

## 9 Fault messages and solutions

### 9.1.1 ERROR 1

No ignition, this message is given when there is no ignition. (see 7.2)

### 9.1.2 ERROR 5

No pellets. Flue gas temperature is too low. Possible causes:

- The tank is empty. Fill the reservoir with pellets.
- There is a defect (see 7.1)

### 9.1.3 ERROR 6

This error message can have two causes:

- Component pressure switcher (see 10.1.6)
- Component maximum thermostat (see 10.1.7)

### 9.1.4 ERROR 8

This error message is given if power is cut when the stove is in the ignition, operating or cooling phase.

### 9.1.5 ERROR 9

This error message is given when no revolutions are measured by the flue fan.

There are two options:

- The flue fan does not work
- The fan is running. Check the encoder and encoder cable. This is the sensor that measures the speed of the flue fan.

## 10 Parts

### 10.1 Explanation parts

#### 10.1.1 Circuit board

The circuit board or also called motherboard controls all the components in the heater.

#### 10.1.2 Control panel

The control panel or display is used to operate the stove.

#### 10.1.3 Data cable

The data cable or flatcable connects the board and the control panel.

#### 10.1.4 Auger Motor

The auger motor is attached at the bottom of the auger or so-called worm. This is an electric motor with a transmission to 4 or 2 revolutions.

#### 10.1.5 Auger

This is a shaft with a spindle around it. This runs at low speeds through the auger motor and brings up the pellets.

#### 10.1.6 Pressure monitor

The pressure switch measures the back pressure in the outlet. If the back pressure is too high, the switch will switch over and the stove will give a malfunction. The auger motor will then not receive power.

### **10.1.7 Maximum thermostat**

The maximum thermostat monitors the maximum temperature of the pellet tank. As soon as it gets too high, the thermostat will switch over and the stove will give a malfunction. The auger motor will then not receive power.

You can reset the maximum thermostat by pressing the reset button. This can be found at the back of the heater. Here you will see a black cap with a diameter of about 1cm that you can unscrew, behind which is a white button. You can press this to reset the maximum thermostat.

### **10.1.8 Ignition Glow plug**

The glow plug is an element that will glow during ignition. This is inside the tube you can see at the bottom of the burn pot.

### **10.1.9 Flue gas fan**

The flue fan extracts the flue gases inside the stove and creates a negative pressure inside the stove and blows flue gases into the flue outlet. In this way, oxygen is also sucked through the burn pot. The flue fan rotates at different speeds to achieve proper combustion.

### **10.1.10 Convection fan**

The convection fan blows air from the room through the heat exchanger to cool the pellet stove.

### **10.1.11 Encoder**

This is a sensor that measures the speed of the flue fan. This is usually a black cap on top of the flue fan in which a wheel rotates. In a pellet stove with a continuously running auger motor, this encoder is also on the auger motor.

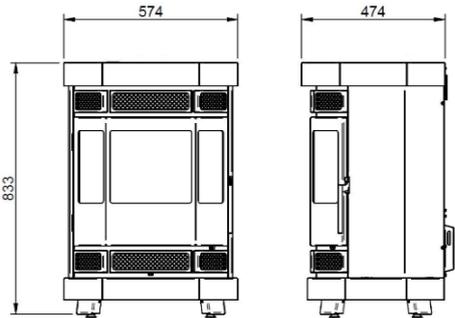
### **10.1.12 Flue gas temperature sensor**

This is a sensor that measures the temperature of the flue gases. This allows the stove to determine how much fire is in the stove.

## 11 Technical specifications

 **Batavia T4** 

Room heater, Wood Pellet Stove



Distance to combustible materials:

|              |             |            |
|--------------|-------------|------------|
| Front: 80 cm | Side: 40 cm | Back: 5 cm |
|--------------|-------------|------------|

| Performance   | Nominal                            | Minimum                            |
|---|------------------------------------|------------------------------------|
| Output  | 7,6 kW                             | 3,4 kW                             |
| Efficiency  | 90.7%                              | 90.8%                              |
| Flue gas temp.                                      | 161 °C                             | 86 °C                              |
| Pellet consumption                                  | 1.72 kg                            | 0.73 kg                            |
| Elec. consumption                                   | 0,017 kW                           | 0,014 kW                           |
| CO at 13% O <sub>2</sub>                            | 276 mg/m <sub>0</sub> <sup>3</sup> | 701 mg/m <sub>0</sub> <sup>3</sup> |
| NO <sub>x</sub> at 13% O <sub>2</sub>               | 132 mg/m <sub>0</sub> <sup>3</sup> | 135 mg/m <sub>0</sub> <sup>3</sup> |
| C <sub>x</sub> H <sub>y</sub> at 13% O <sub>2</sub> | 3 mg/m <sub>0</sub> <sup>3</sup>   | 11 mg/m <sub>0</sub> <sup>3</sup>  |
| Dust at 13% O <sub>2</sub>                          | 13 mg/m <sub>0</sub> <sup>3</sup>  | 34 mg/m <sub>0</sub> <sup>3</sup>  |

|   |   |
|---|---|
| Weight  | 81.9 kg   |
| Max. electricity consumption                            | 420 W   |
| Mains voltage   | 230 V - 50 Hz                                   |
| Flue gas outlet   | ∅ 80 mm   |
| Air intake  | ∅ 40 mm   |
| Fuel; maximum dimension and moisture content of pellets | Hout, ∅ 7 mm,<br>Lengte: 30 mm,<br>Vocht < 12 % |

Five manual stages, no temperature control

Use only recommended fuel.

Read the manual before use.

Prestatieverklaring: Nr. 2000

NEN-EN 14785:2006

Notified Body: SGS Nederland BV (N.B. 0608)

Rapport: EZKA/2021-11/00009-2

**Made in the Netherlands**

Industrieweg 37, 9781 AC Bedum

**duroflame®**

## Carré T3 **A<sup>+</sup>**

Room heater, Wood Pellet Stove

Distance to combustible materials:

|               |             |            |
|---------------|-------------|------------|
| Front: 100 cm | Sides: 5 cm | Back: 5 cm |
|---------------|-------------|------------|

| Performance   | Nominal                            | Minimum                            |
|---|------------------------------------|------------------------------------|
| Output  | 6,1 kW                             | 3,0 kW                             |
| Efficiency  | 89,4%                              | 89,1%                              |
| Flue gas temp.                                      | 174 °C                             | 122 °C                             |
| Pellet consumption                                  | 1,33 kg                            | 0,63 kg                            |
| Elec. consumption                                   | 0,017 kW                           | 0,012 kW                           |
| CO at 13% O <sub>2</sub>                            | 195 mg/m <sub>0</sub> <sup>3</sup> | 265 mg/m <sub>0</sub> <sup>3</sup> |
| NO <sub>x</sub> at 13% O <sub>2</sub>               | 125 mg/m <sub>0</sub> <sup>3</sup> | 110 mg/m <sub>0</sub> <sup>3</sup> |
| C <sub>x</sub> H <sub>y</sub> at 13% O <sub>2</sub> | 7 mg/m <sub>0</sub> <sup>3</sup>   | 3 mg/m <sub>0</sub> <sup>3</sup>   |
| Dust at 13% O <sub>2</sub>                          | 15 mg/m <sub>0</sub> <sup>3</sup>  | 17 mg/m <sub>0</sub> <sup>3</sup>  |

|   |  |
|---|--|
| Weight  | 62.9kg                                       |
| Max. electricity consumption                            | 320 W  |
| Mains voltage   | 230 V - 50 Hz                                |
| Flue gas outlet   | ∅ 80 mm                                      |
| Air intake  | ∅ 40 mm                                      |
| Fuel; maximum dimension and moisture content of pellets | Wood, ∅ 7 mm, Length: 30 mm, Moisture < 12 % |

Use only recommended fuel.

Five manual stages, no temperature control

Read the manual before use.

**CE** 22

Declaration of Performance: Nr. 2020

NEN-EN 14785:2006

Notified Body: SGS Nederland BV (N.B. 0608)

Report: EZKA/2022-02/00009-1

**Made in the Netherlands**

Industrieweg 37, 9781 AC Bedum

**duroflame®**

## Rembrand T3 **A<sup>+</sup>**

Room heater, Wood Pellet Stove

Distance to combustible materials:

|               |             |            |
|---------------|-------------|------------|
| Front: 100 cm | Sides: 5 cm | Back: 5 cm |
|---------------|-------------|------------|

| Performance   | Nominal                            | Minimum                            |
|---|------------------------------------|------------------------------------|
| Output  | 6,1 kW                             | 3,0 kW                             |
| Efficiency  | 89,4%                              | 89,1%                              |
| Flue gas temp.                                      | 174 °C                             | 122 °C                             |
| Pellet consumption                                  | 1,33 kg                            | 0,63 kg                            |
| Elec. consumption                                   | 0,017 kW                           | 0,012 kW                           |
| CO at 13% O <sub>2</sub>                            | 195 mg/m <sub>0</sub> <sup>3</sup> | 265 mg/m <sub>0</sub> <sup>3</sup> |
| NO <sub>x</sub> at 13% O <sub>2</sub>               | 125 mg/m <sub>0</sub> <sup>3</sup> | 110 mg/m <sub>0</sub> <sup>3</sup> |
| C <sub>x</sub> H <sub>y</sub> at 13% O <sub>2</sub> | 7 mg/m <sub>0</sub> <sup>3</sup>   | 3 mg/m <sub>0</sub> <sup>3</sup>   |
| Dust at 13% O <sub>2</sub>                          | 15 mg/m <sub>0</sub> <sup>3</sup>  | 17 mg/m <sub>0</sub> <sup>3</sup>  |

|   |  |
|---|--|
| Weight  | 62.9kg                                       |
| Max. electricity consumption                            | 320 W  |
| Mains voltage   | 230 V - 50 Hz                                |
| Flue gas outlet   | ∅ 80 mm                                      |
| Air intake  | ∅ 40 mm                                      |
| Fuel; maximum dimension and moisture content of pellets | Wood, ∅ 7 mm, Length: 30 mm, Moisture < 12 % |

Use only recommended fuel.

Five manual stages, no temperature control

Read the manual before use.

**CE** 22

Declaration of Performance: Nr. 2010

NEN-EN 14785:2006

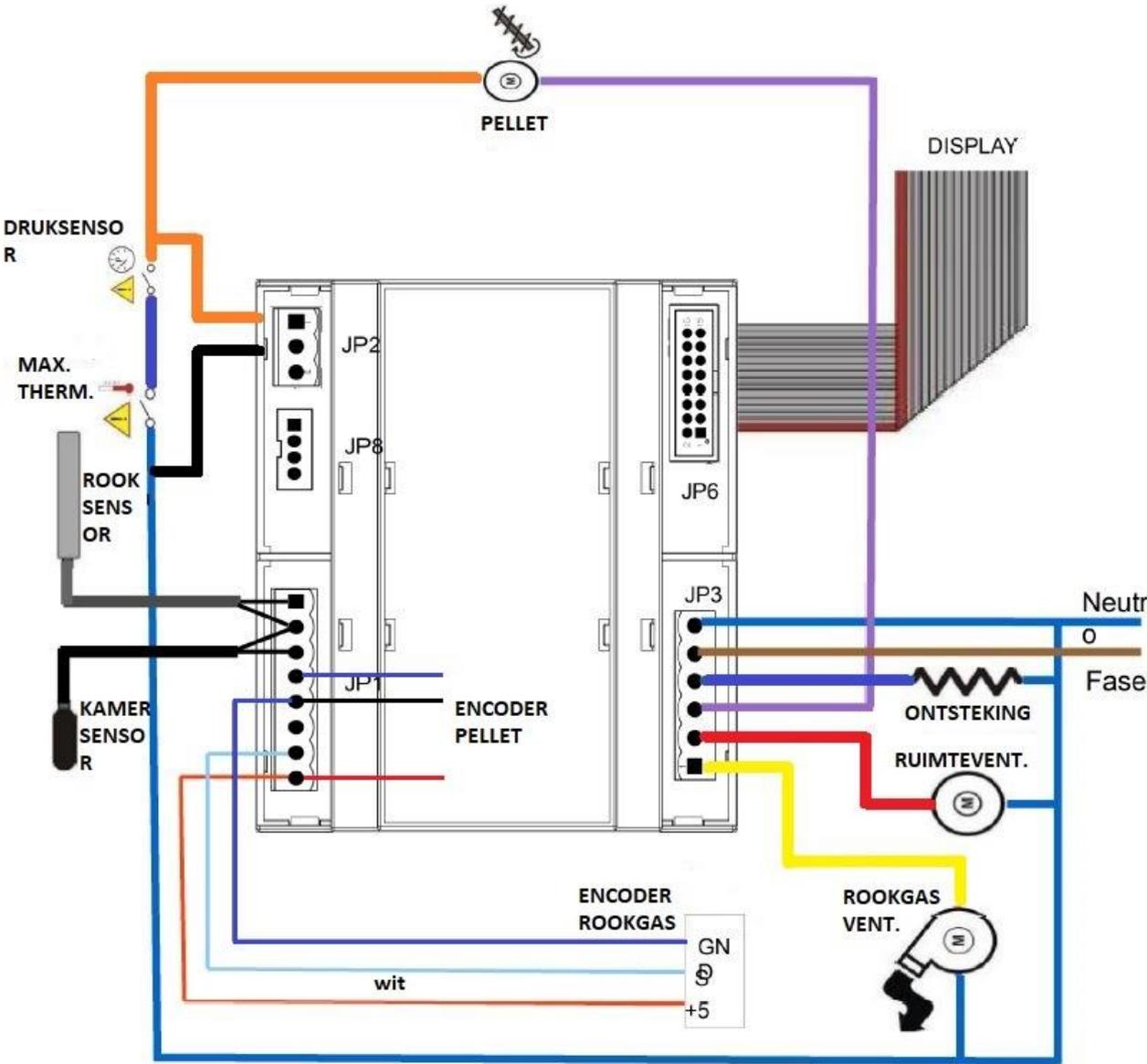
Notified Body: SGS Nederland BV (N.B. 0608)

Report: EZKA/2022-02/00009-1

**Made in the Netherlands**

Industrieweg 37, 9781 AC Bedum

# 12 Electrical diagram



## 13 Declarations of conformity



### EU-CONFORMITEITSVERKLARING

Product:

**Batavia T4**

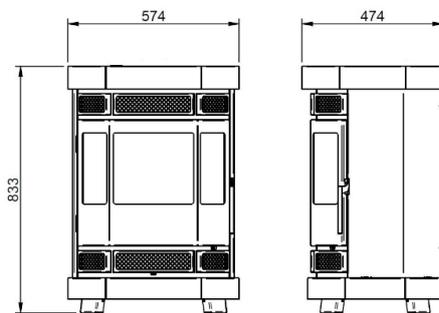
Fabrikant:

**Duroflame BV  
Verbindingsweg 17  
9781 DA Bedum – Nederland**

**Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant.**

Productomschrijving:

**Pelletkachel bestemd voor gebruik in huiselijke ruimtes.**



Het hierboven beschreven voorwerp is conform de volgende richtlijn(en) en norm(en):

**2019/125/EG** (betreffende de totstandkoming van een kader voor het vaststellen van eisen inzake ecologisch ontwerp voor energiegerelateerde producten)

**2011/65/EU** (betreffende beperking van het gebruik van bepaalde gevaarlijke stoffen in elektrische en elektronische apparatuur)

**NEN-EN 14785:2006** (Huishoudelijke ruimteverwarmingstoestellen gestookt met geperst hout – Eisen en beproevingsmethoden)

**NEN-EN-IEC 60335-2-102:2016** Huishoudelijke en soortgelijke elektrische toestellen - Veiligheid - Deel 2-102: Bijzondere eisen voor branders met elektrische connectoren op gas, olie en vaste brandstoffen tel en/of recycling koelmiddelen van airconditioning en apparatuur voor koelmiddelen

Het hierboven beschreven voorwerp is conform de volgende verordening(en):

**(EU) 305/2011** (tot vaststelling van geharmoniseerde voorwaarden voor het verhandelen van bouwproducten en tot intrekking van Richtlijn 89/106/EEG van de Raad)

**(EU) 2015/1185** (tot uitvoering van Richtlijn 2009/125/EG van het Europees Parlement en de Raad wat eisen inzake ecologisch ontwerp betreft voor toestellen voor lokale ruimteverwarming die vaste brandstoffen gebruiken)

Initiële type test is uitgevoerd door:

**SGS Nederland BV (NB 0608)  
Keuringsrapport: EZKA/2021-11/00009-2**

Ondertekend voor en namens de fabrikant door:

Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)

Product:

Rembrand T3

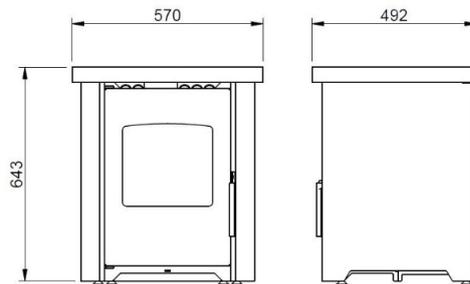
Fabrikant:

Duroflame BV  
Industrieweg 37  
9781 AC Bedum – Nederland

Deze conformiteitsverklaring wordt verstrekt onder  
volledige verantwoordelijkheid van de fabrikant.

Productomschrijving:

Pelletkachel bestemd voor gebruik in huiselijke ruimtes.



Het hierboven beschreven voorwerp is conform de  
volgende richtlijn(en) en norm(en):

**2019/125/EG** (betreffende de totstandkoming van een  
kader voor het vaststellen van eisen inzake ecologisch  
ontwerp voor energiegerelateerde producten)

**2011/65/EU** (betreffende beperking van het gebruik van  
bepaalde gevaarlijke stoffen in elektrische en  
elektronische apparatuur)

**NEN-EN 14785:2006** (Huishoudelijke  
ruimteverwarmingstoestellen gestookt met geperst hout –  
Eisen en beproevingsmethoden)

**NEN-EN-IEC 60335-2-102:2016** Huishoudelijke en  
soortgelijke elektrische toestellen - Veiligheid - Deel 2-102:  
Bijzondere eisen voor branders met elektrische  
connectoren op gas, olie en vaste brandstoffen tel en/of  
recycling koelmiddelen van airconditioning en  
apparatuur voor koelmiddelen

Het hierboven beschreven voorwerp is conform de  
volgende verordening(en):

**(EU) 305/2011** (tot vaststelling van geharmoniseerde  
voorwaarden voor het verhandelen van bouwproducten  
en tot intrekking van Richtlijn 89/106/EEG van de Raad)

**(EU) 2015/1185** (tot uitvoering van Richtlijn 2009/125/EG  
van het Europees Parlement en de Raad wat eisen inzake  
ecologisch ontwerp betreft voor toestellen voor lokale  
ruimteverwarming die vaste brandstoffen gebruiken)

Initiële type test is uitgevoerd door:

**SGS Nederland BV (NB 0608)**  
Keuringsrapport: **EZKA/2022-02/00009-1**

Ondertekend voor en namens de fabrikant door:



Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)

Product: Carré T3

Fabrikant: Duroflame BV  
Industrieweg 37  
9781 AC Bedum–Niederlande

Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant.

Productomschrijving: Pelletkachel bestemd voor gebruik in huiselijke ruimtes.



Het hierboven beschreven voorwerp is conform de volgende richtlijn(en) en norm(en):

**2019/125/EG** (betreffende de totstandkoming van een kader voor het vaststellen van eisen inzake ecologisch ontwerp voor energiegerelateerde producten)

**2011/65/EU** (betreffende beperking van het gebruik van bepaalde gevaarlijke stoffen in elektrische en elektronische apparatuur)

**NEN-EN 14785:2006** (Huishoudelijke ruimteverwarmingstoestellen gestookt met geperst hout – Eisen en beproevingsmethoden)

**NEN-EN-IEC 60335-2-102:2016** Huishoudelijke en soortgelijke elektrische toestellen - Veiligheid - Deel 2-102: Bijzondere eisen voor branders met elektrische connectoren op gas, olie en vaste brandstoffen tel en/of recycling koelmiddelen van airconditioning en apparatuur voor koelmiddelen

Het hierboven beschreven voorwerp is conform de volgende verordening(en):

**(EU) 305/2011** (tot vaststelling van geharmoniseerde voorwaarden voor het verhandelen van bouwproducten en tot intrekking van Richtlijn 89/106/EEG van de Raad)

**(EU) 2015/1185** (tot uitvoering van Richtlijn 2009/125/EG van het Europees Parlement en de Raad wat eisen inzake ecologisch ontwerp betreft voor toestellen voor lokale ruimteverwarming die vaste brandstoffen gebruiken)

Initiële type test is uitgevoerd door:

**SGS Nederland BV (NB 0608)**  
**Keuringsrapport: EZKA/2022-02/00009-1**

Ondertekend voor en namens de fabrikant door:



Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)

## 14 Performance declaration

| Essentiële kenmerken  | Prestaties  | Geharmoniseerde norm |
|---|---|----------------------|
| <b>Brandveiligheid</b>  |   |                      |
| Brandveiligheid:  | Conform   | NEN-EN 14785:2006    |
| Minimumafstand tot brandbare materialen:  | Voorkant: 100 cm<br>Achterkant: 5 cm<br>Zijkant: 30 cm<br>Plafond: -  | NEN-EN 14785:2006    |
| Vrijkomen van gevaarlijke stoffen:  | Conform   | NEN-EN 14785:2006    |
| Oppervlaktetemperatuur:   | Conform   | NEN-EN 14785:2006    |
| <b>Uitstoot van verbrandingsproducten</b>   |   |                      |
| Nominaal vermogen:<br>(bij 13% O <sub>2</sub> )   | CO: 0,022 vol%<br>CO: 276 mg/m <sub>03</sub><br>NO <sub>x</sub> : 132 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 3 mg/m <sub>03</sub><br>Dust: 13 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| Gereduceerd vermogen:<br>(bij 13% O <sub>2</sub> )                                      | CO: 0,06 vol%<br>CO: 701 mg/m <sub>03</sub><br>NO <sub>x</sub> : 135 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 11 mg/m <sub>03</sub><br>Dust: 34 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| <b>Elektrische veiligheid:</b>  | Conform   | EN 60335-2-102       |
| <b>Reinigbaarheid:</b>  | Conform   | NEN-EN 14785:2006    |
| <b>Maximale bedrijfsdruk:</b>   | - bar   | NEN-EN 14785:2006    |
| <b>Rookgastemperatuur:</b>  | T [161°C]   | NEN-EN 14785:2006    |
| <b>Mechanische sterkte (ter ondersteuning rookkanaal):</b>                              | N.P.D.  |                      |
| <b>Thermische prestaties</b>  |   |                      |
| Nominaal vermogen:<br>Vermogen afgegeven aan omgeving:<br>Vermogen afgegeven aan water: | 7,6 kW<br>7,6 kW<br>-   | NEN-EN 14785:2006    |
| <b>Rendement</b>  |   |                      |
| Nominaal vermogen:<br>Gereduceerd vermogen:   | η[90,7%]<br>η[90,8%]  | NEN-EN 14785:2006    |
| <b>Duurzaamheid:</b>  | Conform   |                      |

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:



Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)

- |   |   |
|---|---|
| 1. Unieke identificatiecode van het producttype:  | <b>Carré T3</b>   |
| 2. Beoogde gebruik:   | <b>Huishoudelijke ruimteverwarmingstoestellen gestookt met houtpellets, zonder warmwaterproductie</b> |
| 3. Fabrikant:   | <b>Duroflame BV<br/>Verbindingsweg 17<br/>9781 DA Bedum – Nederland</b>                               |
| 4. Gemachtigde:   | -   |
| 5. Het systeem of de systemen voor de beoordeling en verificatie van de prestatiebestendigheid: | <b>Systeem 3</b>  |
| 6. Geharmoniseerde norm:<br>Aangemelde instantie:<br>Referentie keuringsrapport:                | <b>NEN-EN 14785:2006<br/>SGS Nederland BV (NB 0608)<br/>EZKA/2022-02/00009-1</b>                      |
| 7. Aangegeven prestaties:   |   |

| Essentiële kenmerken  | Prestaties  | Geharmoniseerde norm |
|---|---|----------------------|
| <b>Brandveiligheid</b>  |   |                      |
| Brandveiligheid:  | Conform   | NEN-EN 14785:2006    |
| Minimumafstand tot brandbare materialen:  | Voor kant: 100 Cm<br>Achter kant: 5 Cm<br>Zijkant: 5 Cm<br>Plafond: -   | NEN-EN 14785:2006    |
| Vrijkomen van gevaarlijke stoffen:  | Conform   | NEN-EN 14785:2006    |
| Oppervlaktetemperatuur:   | Conform   | NEN-EN 14785:2006    |
| <b>Uitstoot van verbrandingsproducten</b>   |   |                      |
| Nominaal vermogen:<br>(bij 13% O <sub>2</sub> )   | CO: 0,016 vol%<br>CO: 195 mg/m <sub>03</sub><br>NO <sub>x</sub> : 125 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 7 mg/m <sub>03</sub><br>Dust: 15 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| Gereduceerd vermogen:<br>(bij 13% O <sub>2</sub> )                                      | CO: 0,021 vol%<br>CO: 265 mg/m <sub>03</sub><br>NO <sub>x</sub> : 110 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 3 mg/m <sub>03</sub><br>Dust: 17 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| Elektrische veiligheid:   | Conform   | EN 60335-2-102       |
| Reinigbaarheid:   | Conform   | NEN-EN 14785:2006    |
| Maximale bedrijfsdruk:  | - bar   | NEN-EN 14785:2006    |
| Rookgastemperatuur:   | T [174°C]   | NEN-EN 14785:2006    |
| Mechanische sterkte (ter ondersteuning rookkanaal):                                     | N.P.D.  |                      |
| <b>Thermische prestaties</b>  |   |                      |
| Nominaal vermogen:<br>Vermogen afgegeven aan omgeving:<br>Vermogen afgegeven aan water: | 6,1 kW<br>6,1 kW<br>-   | NEN-EN 14785:2006    |
| <b>Rendement</b>  |   |                      |
| Nominaal vermogen:<br>Gereduceerd vermogen:   | η[89,4%]<br>η[89,1%]  | NEN-EN 14785:2006    |
| Duurzaamheid:   | Conform   |                      |

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:



Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)

- |   |   |
|---|---|
| 1. Unieke identificatiecode van het producttype:  | <b>Rembrand T3</b>  |
| 2. Beoogde gebruik:   | <b>Huishoudelijke ruimteverwarmingstoestellen gestookt met houtpellets, zonder warmwaterproductie</b> |
| 3. Fabrikant:   | <b>Duroflame BV<br/>Verbindingsweg 17<br/>9781 DA Bedum – Nederland</b>                               |
| 4. Gemachtigde:   | -   |
| 5. Het systeem of de systemen voor de beoordeling en verificatie van de prestatiebestendigheid: | <b>Systeem 3</b>  |
| 6. Geharmoniseerde norm:  | <b>NEN-EN 14785:2006</b>  |
| Aangemelde instantie:   | <b>SGS Nederland BV (NB 0608)</b>   |
| Referentie keuringsrapport:   | <b>EZKA/2022-02/00009-1</b>   |

| Essentiële kenmerken  | Prestaties  | Geharmoniseerde norm |
|---|---|----------------------|
| <b>Brandveiligheid</b>  |   |                      |
| Brandveiligheid:  | Conform   | NEN-EN 14785:2006    |
| Minimumafstand tot brandbare materialen:  | Voorkant: 100 cm<br>Achterkant: 5 cm<br>Zijkant: 5 cm<br>Plafond: -   | NEN-EN 14785:2006    |
| Vrijkomen van gevaarlijke stoffen:  | Conform   | NEN-EN 14785:2006    |
| Oppervlaktetemperatuur:   | Conform   | NEN-EN 14785:2006    |
| <b>Uitstoot van verbrandingsproducten</b>   |   |                      |
| Nominaal vermogen:<br>(bij 13% O <sub>2</sub> )   | CO: 0,016 vol%<br>CO: 195 mg/m <sub>03</sub><br>NO <sub>x</sub> : 125 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 7 mg/m <sub>03</sub><br>Dust: 15 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| Gereduceerd vermogen:<br>(bij 13% O <sub>2</sub> )                                      | CO: 0,021 vol%<br>CO: 265 mg/m <sub>03</sub><br>NO <sub>x</sub> : 110 mg/m <sub>03</sub><br>C <sub>x</sub> H <sub>y</sub> : 3 mg/m <sub>03</sub><br>Dust: 17 mg/m <sub>03</sub> | NEN-EN 14785:2006    |
| <b>Elektrische veiligheid:</b>  | Conform   | EN 60335-2-102       |
| <b>Reinigbaarheid:</b>  | Conform   | NEN-EN 14785:2006    |
| <b>Maximale bedrijfsdruk:</b>   | - bar   | NEN-EN 14785:2006    |
| <b>Rookgastemperatuur:</b>  | T [174°C]   | NEN-EN 14785:2006    |
| <b>Mechanische sterkte (ter ondersteuning rookkanaal):</b>                              | N.P.D.  |                      |
| <b>Thermische prestaties</b>  |   |                      |
| Nominaal vermogen:<br>Vermogen afgegeven aan omgeving:<br>Vermogen afgegeven aan water: | 6,1 kW<br>6,1 kW<br>-   | NEN-EN 14785:2006    |
| <b>Rendement</b>  |   |                      |
| Nominaal vermogen:<br>Gereduceerd vermogen:   | η[89,4%]<br>η[89,1%]  | NEN-EN 14785:2006    |
| <b>Duurzaamheid:</b>  | Conform   |                      |

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:



Bedum, 31-08-2022

Aldrik Sebens (algemeen directeur)