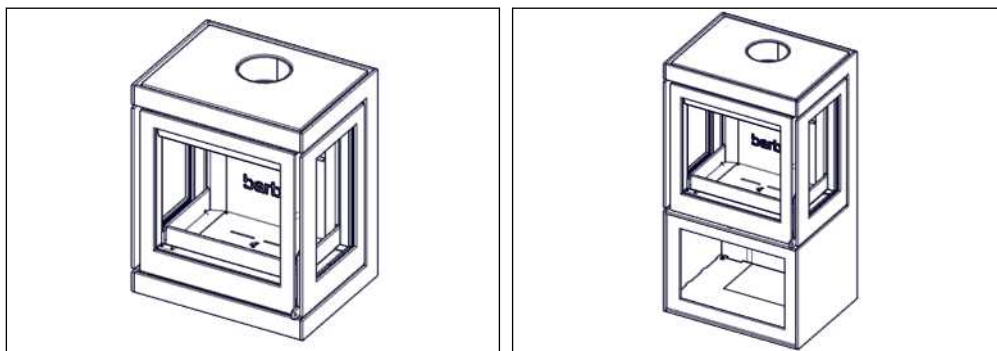


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Installation and maintenance manual

BOX Panorama 55



This product is not suitable for primary heating purposes



Version number: 01-347542

Date: 29-10-2018

Serial number:

Production date:

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1 Declaration of Performance

1.1 BOX Panorama 55



EC-declaration of conformity	
This EC declaration of conformity applies to the product described below and describes the conformity with the following directives: 2009/125/EC Directive for the setting of eco-design requirements for energy-related products (eco-design directive) Relevant Regulation: (EU) 2015/1185	
Declaration of Performance	
According to regulation (EU) 305/2011 No. 1.827.081-3 - CPR-2013/07/01	
1. Unique identification code of the product-type	BOX Panorama 55
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Room heater without hot water supply
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	Not applicable
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 3
6. In case of the declaration of performance concerning a construction product covered by a harmonised standard	The notified laboratory GAS.BE, No. 2013 performed the determination of the product type on the basis of type testing under system 3 and issued test report 2024/0029
7. Declared performance	
Harmonized technical specification	EN13240:2001/A2:2004/AC:2007
Essential characteristics	Performance
Fire safety	Pass
Distance to combustible materials	Minimum distances, in mm Rear = 200 Sides = 550 Ceiling = - Front = 1800 Floor = 30
Risk of burning fuel falling out	Pass
Emission of combustion products	CO = 0.09 vol%
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Release of dangerous substances	NPD
Maximum operating pressure	Not applicable
Flue gas temperature at nominal heat output	T = 339 °C
Mechanical resistance (to carry a chimney/flue)	NPD
Thermal output	Pass
Nominal heat output	8.8 kW
Room heating output	8.8 kW
Water heating output	- kW
Energy efficiency	76.8 %
8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	

Signed for and on behalf of the manufacturer by:

Danny Baijens, CEO
(Name and function)

Bladel; May 29, 2024
(place and date of issue)


.....
(Signature)

1.2

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EC-declaration of conformity

This EC declaration of conformity applies to the product described below and describes the conformity with the following directives:

2009/125/EC Directive for the setting of eco-design requirements for energy-related products (eco-design directive)

Relevant Regulation: (EU) 2015/1185

Declaration of Performance

According to regulation (EU) 305/2011

No. 1.827.083-3 - CPR-2013/07/01

1. Unique identification code of the product-type	BOX Panorama 55 with wood log storage module
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Room heater without hot water supply
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	Not applicable
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 3
6. In case of the declaration of performance concerning a construction product covered by a harmonised standard	The notified laboratory GAS.BE, No. 2013 performed the determination of the product type on the basis of type testing under system 3 and issued test report 2024/0029
7. Declared performance	
Harmonized technical specification	EN13240:2001/A2:2004/AC:2007
Essential characteristics	Performance
Fire safety	Pass
Distance to combustible materials	Minimum distances, in mm
	Rear = 200
	Sides = 550
	Ceiling = -
	Front = 1150
	Floor = -
Risk of burning fuel falling out	Pass
Emission of combustion products	CO = 0.09 vol%
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Release of dangerous substances	NPD
Maximum operating pressure	Not applicable
Flue gas temperature at nominal heat output	T = 339 °C
Mechanical resistance (to carry a chimney/flue)	NPD
Thermal output	Pass
Nominal heat output	8.8 kW
Room heating output	8.8 kW
Water heating output	- kW
Energy efficiency	76.8 %

8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Danny Baijens, CEO
(Name and function)

Bladel; May 29, 2024
(place and date of issue)

(Signature)

1.3 BOX Panorama 55 with support frame



EC-declaration of conformity	
This EC declaration of conformity applies to the product described below and describes the conformity with the following directives: 2009/125/EC Directive for the setting of eco-design requirements for energy-related products (eco-design directive) Relevant Regulation: (EU) 2015/1185	
Declaration of Performance	
According to regulation (EU) 305/2011 No. 1.827.082-3 - CPR-2013/07/01	
1. Unique identification code of the product-type	BOX Panorama 55 with support frame
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Room heater without hot water supply
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	Not applicable
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 3
6. In case of the declaration of performance concerning a construction product covered by a harmonised standard	The notified laboratory GAS.BE, No. 2013 performed the determination of the product type on the basis of type testing under system 3 and issued test report 2024/0029
7. Declared performance	
Harmonized technical specification	EN13240:2001/A2:2004/AC:2007
Essential characteristics	Performance
Fire safety	Pass
Distance to combustible materials	Minimum distances, in mm Rear = Onbrandbare wand Sides = 550 Ceiling = - Front = 1150 Floor = 30
Risk of burning fuel falling out	Pass
Emission of combustion products	CO = 0.09 vol%
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Release of dangerous substances	NPD
Maximum operating pressure	Not applicable
Flue gas temperature at nominal heat output	T = 339 °C
Mechanical resistance (to carry a chimney/flue)	NPD
Thermal output	Pass
Nominal heat output	8.8 kW
Room heating output	8.8 kW
Water heating output	- kW
Energy efficiency	76.8 %
8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.	

Signed for and on behalf of the manufacturer by:

Danny Baijens, CEO
(Name and function)

Bladel; May 29, 2024
(place and date of issue)


.....
(Signature)

2 The Clean Air Act 1993 and Smoke Control Areas

The following Barbas BOX Panorama 55 appliances have been exempted or recommended for exemption under section 21 of the Clean Air Act 1993 and can be used in accordance with the intended use as described in this manual in smoke control areas in the UK.

- Barbas BOX Panorama 55
- Barbas BOX Panorama 55 with wood storage
- Barbas BOX Panorama 55 with wall support frame

The appliances incorporate a factory-fitted modified air control.

Under the Clean Air Act local authorities may declare the whole or part of the district of the authority to be a smoke control area. It is an offence to emit smoke from a chimney of a building, from a furnace or from any fixed boiler if located in a designated smoke control area. It is also an offence to acquire an "unauthorised fuel" for use within a smoke control area unless it is used in an "exempt" appliance ("exempted" from the controls which generally apply in the smoke control area).

In England appliances are exempted by publication on a list by the Secretary of State in accordance with changes made to sections 20 and 21 of the Clean Air Act 1993 by section 15 of the Deregulation Act 2015. In Scotland appliances are exempted by publication on a list by Scottish Ministers under section 50 of the Regulatory Reform (Scotland) Act 2014. Similarly, in Northern Ireland appliances are exempted by publication on a list by the Department of Agriculture, Environment and Rural Affairs under Section 16 of the Environmental Regulation Act (Northern Ireland) 2016. In Wales appliances are exempted by regulations made by Welsh Ministers.

Further information on the requirements of the Clean Air Act can be found here: <https://www.gov.uk/smoke-control-area-rules>.

Your local authority is responsible for implementing the Clean Air Act 1993 including designation and supervision of smoke control areas and you can contact them for details of Clean Air Act requirements.

3 About this document

This document shows the necessary information to do these tasks on the BOX Panorama 55

- Installation
- Maintenance

This document refers to the BOX Panorama 55 as 'the appliance'. This document is an essential part of your appliance. Read it carefully before you do work on the appliance. Keep it in a safe place.

The original instructions of the document are in English. All other language versions of the document are translations of the original instructions. It is not always possible to provide a detailed illustration of every single item of the equipment. The illustrations in this document show a typical setup. The illustrations are for instructional use only.

3.1 How to work with this document

1. Make yourself familiar with the structure and content of the document.
2. Read the safety section in detail.
3. Make sure that you understand all the instructions.
4. Do the procedures completely and in the given sequence.

3.2 Warnings and cautions used in this document

Warning

If you do not obey these instructions, there is a risk that can cause personal injury or death.

Caution

If you do not obey these instructions, there is a risk of damage to the equipment or to property.

Note

A note shows more information.

Symbol	Description
	Visual sign that there is a hazard
	Visual sign that there is a notice

3.3 Related documentation

- Installation and maintenance manual
- User manual

4 Description

4.1 Overview of the appliance

The appliance is optionally available with a support frame, to attach the appliance on a wall or optional available with a wood log storage module under the appliance.

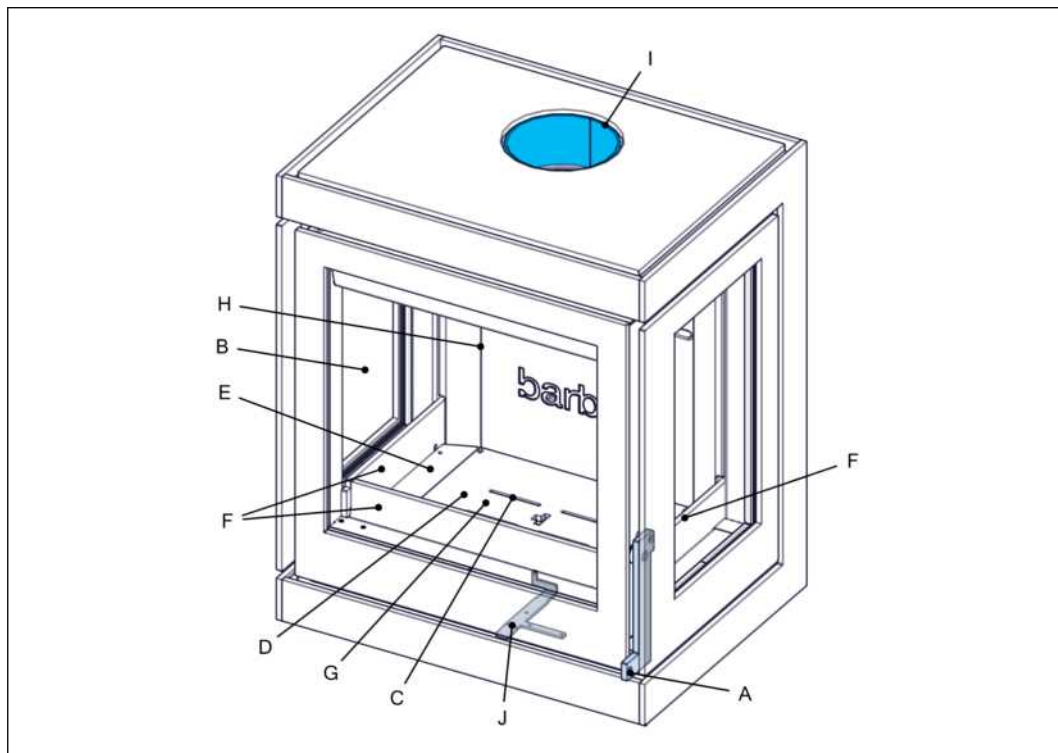


Table 1: Top view

	Item	Description
A	Handle	Use the handle to open and to close the door.
B	Glass	The glass keeps the flue gases inside the appliance and closes the combustion chamber off.
C	Control lever	Use the control lever to control the amount of combustion air.
D	Grate	Cover of the ash tray. Inlet of the primary air into the combustion chamber.
E	Bottom plates	Plates left and right from the grate, to protect the bottom of the appliance
F	Log guards	1 front plate and 2 side plates to prevent wood logs and ashes from falling out of the appliance
G	Ash tray	Tray to collect the ashes that fall through the grate.
H	Ceramic or vermiculite panel	Cover of the rear of the combustion chamber.
I	Flue connection	The connection to the flue system that extracts the flue gases.
J	Primary air inlet	Combustion air supply through the grate into the combustion chamber. The function of primary air is to start the fire.

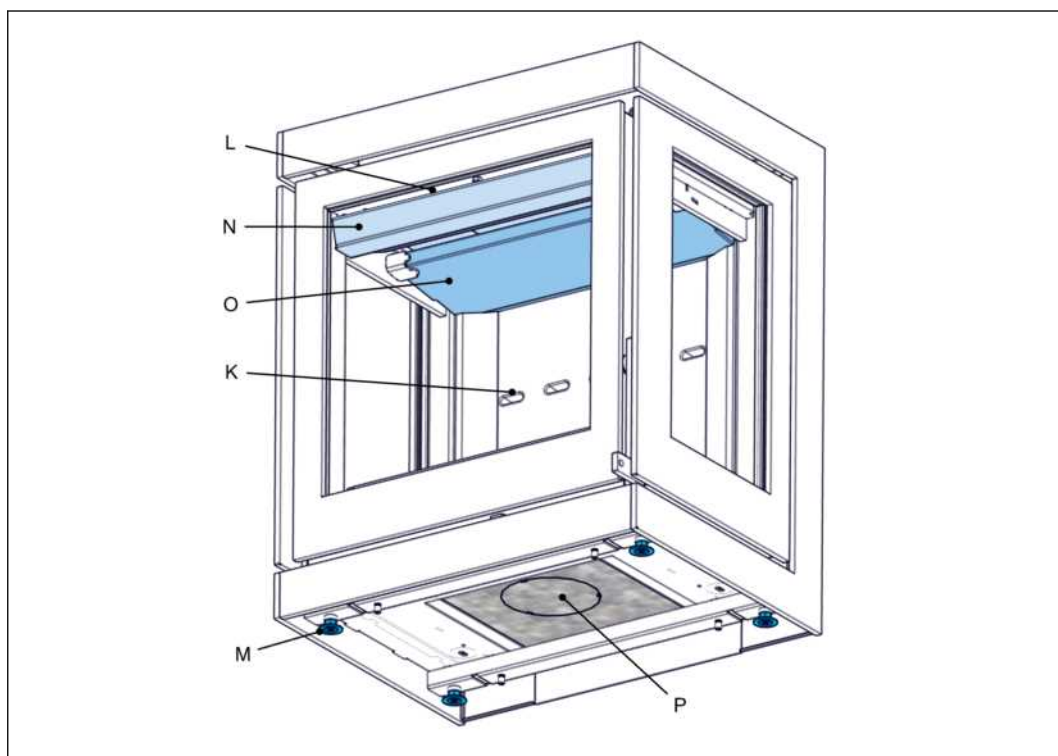


Table 2: Bottom view

	Item	Description
K	Secondary air inlet	Combustion air supply through the rear wall into the combustion chamber. The function of secondary air is to provide extra combustion air for clean combustion.
L	Air wash inlet	Combustion air supply through the top of the appliance into the combustion chamber. The function of air wash is to prevent deposition of soot on the glass.
M	Adjustable feet	4 adjustable feet to level the appliance
N	Upper baffle	Steel plate in the top of the combustion chamber above the lower baffle
O	Lower baffle	Ceramic or vermiculite plate in the top of the combustion chamber
P	External combustion air inlet (optional)	Provides the appliance with combustion air. This option is only available when ordered with the appliance.

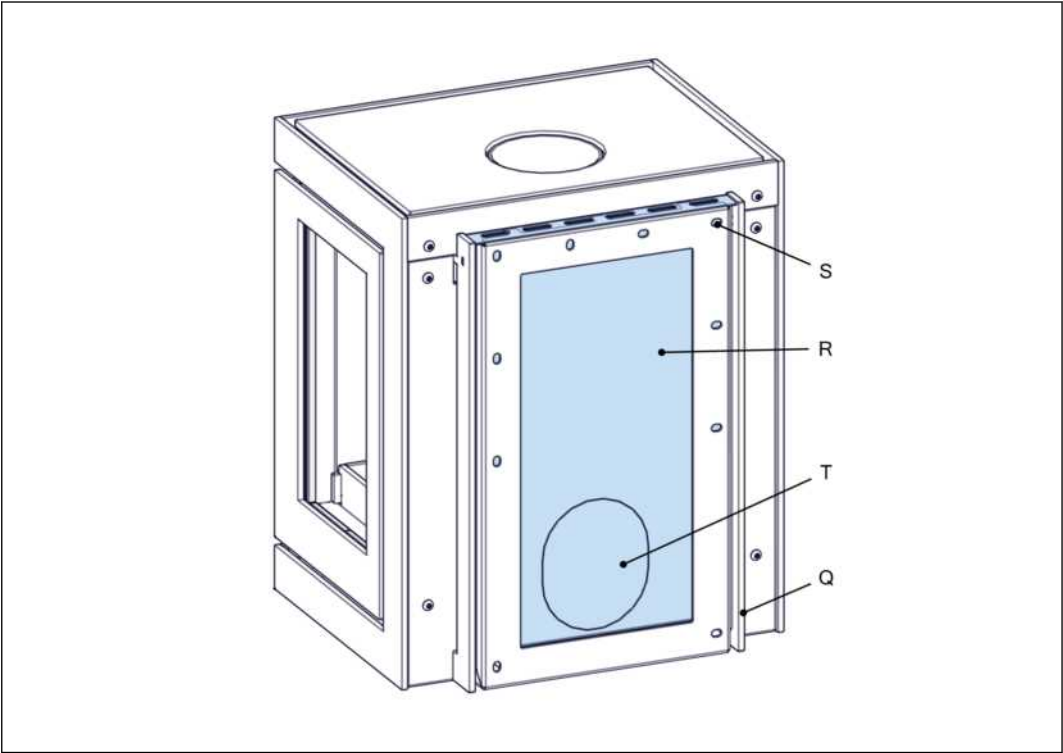


Table 3: Back view (for BOX Panorama 55 with optional support frame)

	Item	Description
Q	Support frame	The optional support frame carries the appliance when put on a wall
R	Cover	Cover to protect the wall from heat radiation
S	Screw holes	Attach the support frame on a wall with screws through the screw holes
T	External combustion air inlet (optional)	Provides the appliance with combustion air. This option is only available when ordered with the appliance.

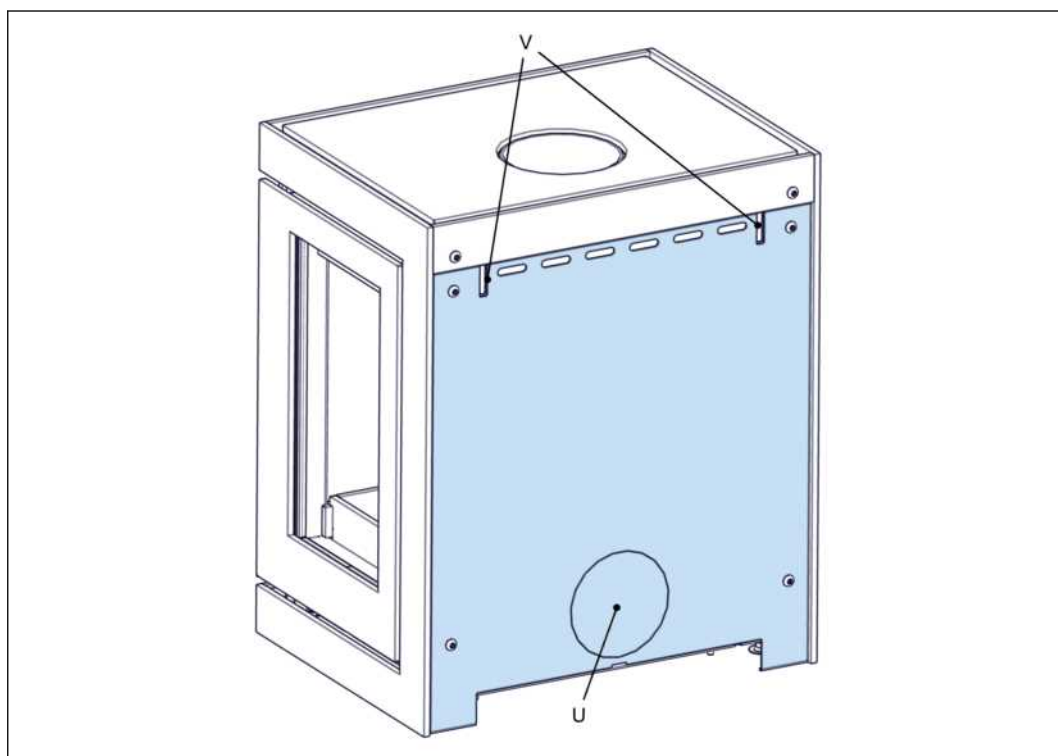


Table 4: Back view

	Item	Description
U	External combustion air inlet	Provides the appliance with combustion air. This option is only available when ordered with the appliance.
V	Slots	Only for BOX Panorama 55 with optional support frame. The slots make sure the appliance is in the correct position on the support frame.

4.2

Intended use

The appliance is intended for indoor use to heat the room wherein it is installed. Do not use it for other purposes.

It is not allowed to use the appliance as primary heating appliance.

The appliance is intended for use with wood logs or wood briquettes as fuel. Do not use other fuels.

The appliance is intended for use with the door closed.

The appliance may only be used at the location that meets the requirements for the installation of the appliance.

The appliance is intended for intermittent use and is not intended for continuous use.

The appliance is intended to heat the room by direct heating. It is not allowed to connect the appliance to a central-heating installation.

5 Safety

5.1 Safety instructions for installation

**Warning:**

- Installation must be done by a qualified installer.
- Install the appliance in accordance with the following installation instructions and the national and local applicable regulations.
- Make sure that the area around the fireplace is free of flammable material at all times. The minimal safe distance is 180 cm.
- If applicable, contact the authorities if it is allowed to connect the appliance to a flue that is also connected to another appliance.
- Do not install the appliance directly against a flammable wall or non-flammable wall. Refer to section 5.2 for minimum clearances between the appliance and the wall.
- Install a carbon monoxide alarm. The carbon monoxide alarm should be battery-powered and designed to operate for the life of the carbon monoxide alarm, following which it should be replaced. Alternatively a mains powered carbon monoxide alarm can be used, however this must be fitted with a sensor failure warning device.

**Caution:**

- Install the appliance on a floor with adequate load-bearing capacity. Refer to section for the weight of the appliance.
- Make sure that the chimney has no creaks and is in general good order.
- Install a suitable cap on the chimney outlet to avoid birds' nests build in the chimney.
- Parts in the appliance can be moved during transportation. Make sure these parts are in the correct position.
- Do not use masking tape on the appliance. Masking tape can damage the finish of the appliance.
- Make sure that the chimney temperature class is minimum T400 sootfire resistant.
- Do not install the appliance in a room with a ventilation system that makes pressures below -15 Pa.

5.2 Safety distances to flammable and non-flammable materials

Refer to the applicable chapter for minimum safety distances to flammable and non-flammable materials

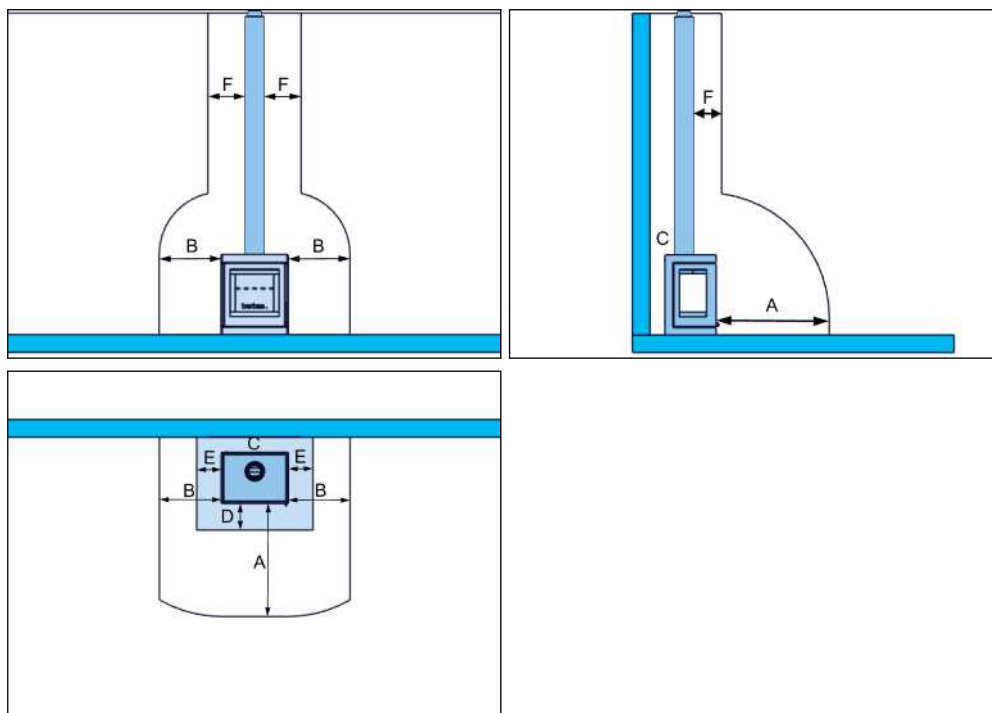
**Note:**

Make sure that flammable materials near the appliance can never reach a temperature above 85 degrees centigrade.

- BOX Panorama 55, refer to chapter 5.2.1.
- BOX Panorama 55 with wood log storage module, refer to chapter 5.2.2.
- BOX Panorama 55 with optional support frame to attach the appliance to a wall, refer to chapter 5.2.3.

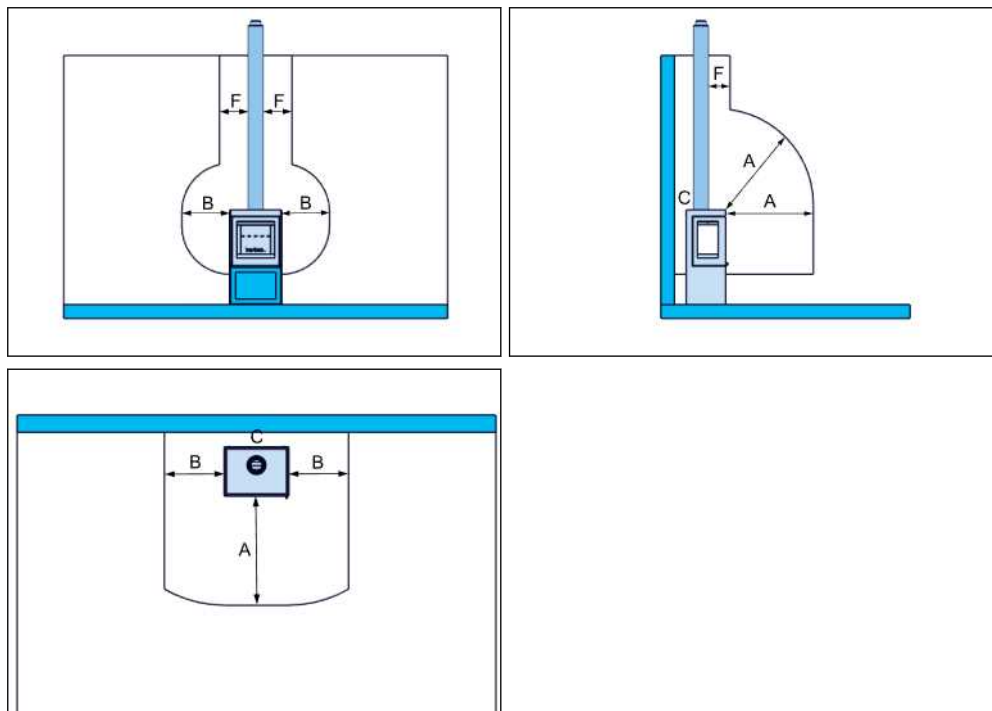
5.2.1

Safety distances BOX Panorama 55



BOX Panorama 55			
Label	Minimum distance to flammable materials in cm	Remark	Minimum distance to nonflammable materials in cm
A	115		80
B	55		25
C	20		5
D	See remark.	Install a non-flammable floor plate with a thickness of minimum 5 cm (floor stone) when the appliance is put on a flammable floor. The width (E) of the floor plate must be minimum 15 cm from each side of the appliance. The depth of the floor plate in front of the appliance (D) is minimum 50 cm, when the floor plate is level with the floor. If the appliance is put on a flammable platform, make sure the depth of the non-flammable hearth is the same size as the platform in front of the appliance.	-
E	15		-
F	20		5

5.2.2 Safety distances BOX Panorama 55 with wood log storage module



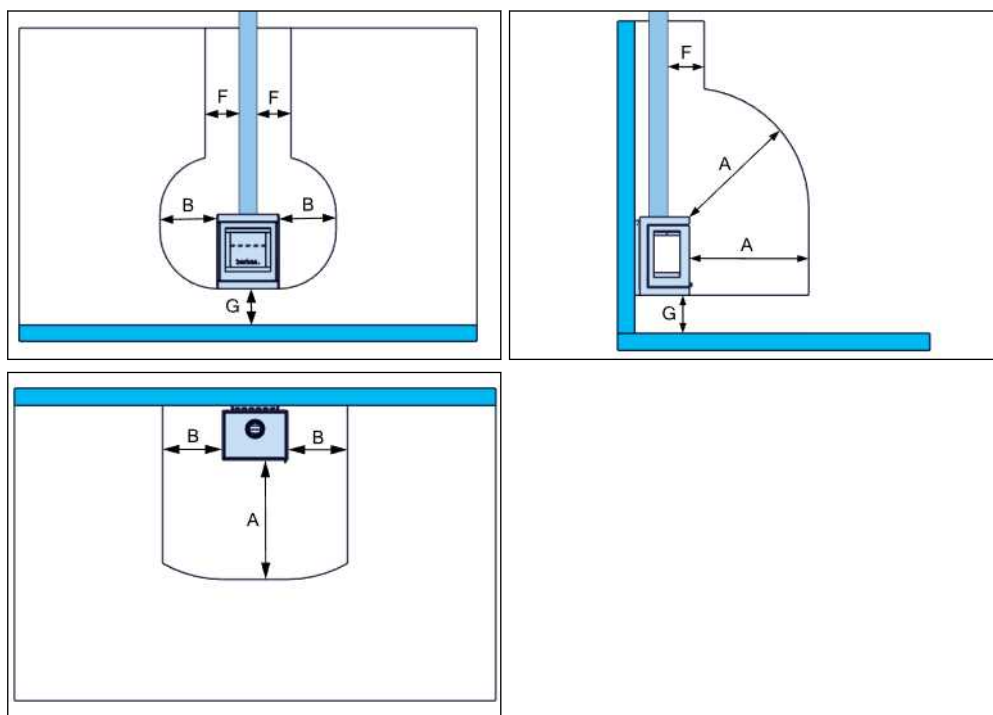
BOX Panorama 55 with wood log storage module			
Label	Minimum distance to flammable materials in cm	Remark	Minimum distance to nonflammable materials in cm
A	115		80
B	55		25
C	20		5
D	20	Install a non-flammable floor plate (floor stone) in front of the appliance when put on a flammable floor. The floor plate must have a minimum depth (D) of 20 cm in front of the appliance and a minimum width (E) of 15 cm from each side of the appliance.	-
E	15		-
F	20		5

5.2.3 Safety distances BOX Panorama 55 with support frame

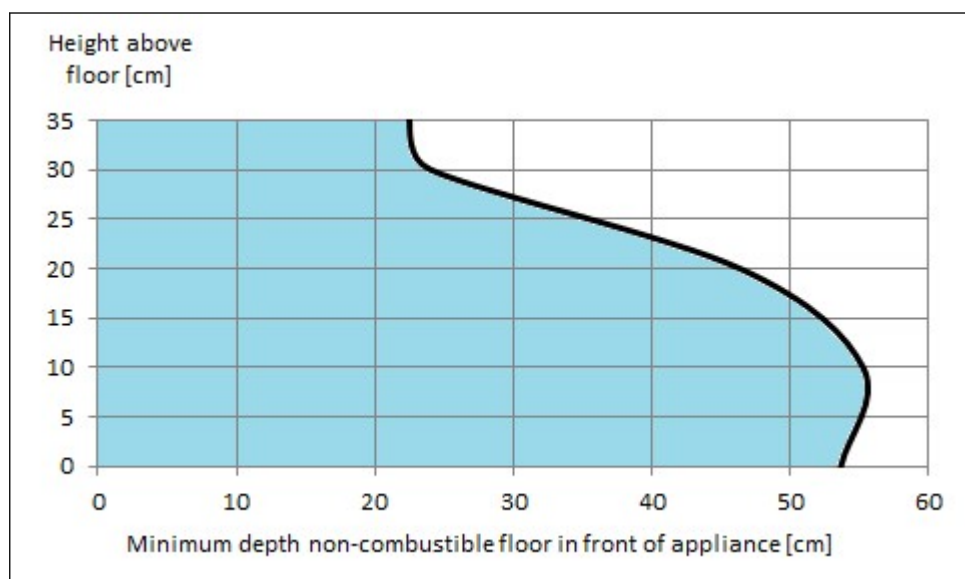


Note:

Use the support frame to attach the appliance on a wall.



BOX Panorama 55 with support frame			
Label	Minimum distance to flammable materials in cm	Remark	Minimum distance to nonflammable materials in cm
A	115		80
B	55		25
C	Not applicable	Do not install on a flammable wall.	Not applicable
D	20 - 50	Install a non-flammable hearth (floor stone) when the appliance is put above a flammable floor. The width (E) of the hearth must be minimum 15 cm from each side of the appliance. The depth of the hearth in front of the appliance (D) is dependent on the distance between the underside of the box and the floor. Refer to the graph hereunder.	Not applicable
E	Not applicable		Not applicable
F	20		5
G	10		10



Example for the graph: If the bottom of the BOX Panorama 55 with support frame is 25 cm above the floor (vertical axis on the graph), the depth of the non-flammable floor in front of the appliance (horizontal axis on the graph) is minimum 35 cm.

5.3

Safety instructions with regard to the environment

- Dispose of the packing materials in an environmentally friendly way.
- Dispose of batteries as chemical waste.
- Dispose of ceramic heat-resistant glass as household waste. Do not dispose of ceramic heat-resistant glass in a glass recycling container.
- Dispose of an obsolete appliance according to instructions of the authorities or the fitter.
- Obey the local regulations.

6 Installation

6.1 Installation requirements

6.1.1 Requirements on the installation of the appliance

- Make sure that the location agrees with the safety requirements. Refer to chapter [5](#).
- Make sure the floor is made of concrete or a solid pedestal of non-combustible material.
- Make sure the floor can support the weight of the appliance. Refer to chapter for the weight of the appliance.
- Make sure the wall can support the weight of an appliance when attached to the wall.
- Make sure that the floor temperatures below and in front of the appliance cannot be higher than 85 °C, during use of the appliance. Refer to chapter [5.2](#).
- The non-combustible floor must have a width that extends at least 150 mm from each side of the appliance and a minimum depth in front of the appliance according the requirements in chapter [5.2](#).
- Make sure the room where the appliance is installed is properly ventilated.
- Make sure that combustion air can flow into the appliance without obstruction.
- If applicable, install a valve in the external combustion air pipe.
- The carbon monoxide alarm must be fitted and fixed in place within the same room as the appliance and can be placed either on the ceiling or wall between 1 meter and 3 meter horizontally from the appliance. If fitting to the ceiling it must be at least 300mm from any wall. If fitting to a wall, it must be placed as high as possible above any doors or windows at 150mm below the ceiling.

6.1.2 Requirements on the chimney

- Make sure that in case of use of an existing (masonry) chimney, it is in good order and applicable for the appliance. Ask your dealer or chimney sweeper for advice.
- Make sure the flue system obeys the national and local applicable regulations.
- Make sure the weight of the chimney is not supported by the appliance.
- Do not connect more than one appliance to the same chimney.
- The flue system must have a temperature class designation of at least T400.
- The inner diameter of the chimney must be at least 130 mm over the total length.
- Use a steel chimney pipe with a wall thickness of at least 2 mm between the appliance and the existing chimney.
- Do not use more than 2 bends of 45°.
- Do not use horizontal flue pipes.
- The chimney outlet must be at least 5 meter above the top of the appliance.
- The chimney outlet must be at least 40 cm above the top of a sloped roof.
- The chimney outlet must be at least 1 meter above a flat roof.
- The chimney outlet must be free from any objects (buildings, trees, etc.) within a horizontal range of at least 5 meter.
- Make sure that a chimney valve has a free opening of minimum 12 % of the total area of the chimney.
- Make sure your fire insurance policy covers any damage caused by a chimney fire.

6.2 Installation procedure

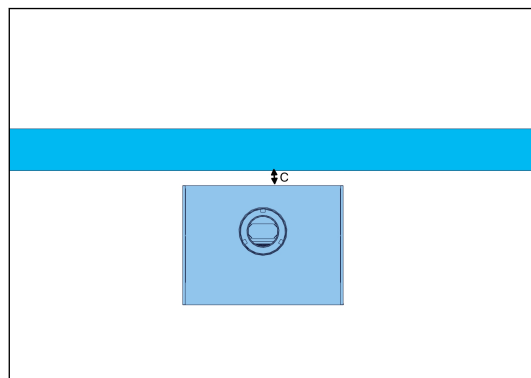
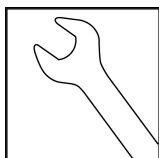
Do all the procedures in each applicable section.

- BOX Panorama 55 without wood log storage module, refer to chapter [6.2.1](#).
- BOX Panorama 55 with wood log storage module, refer to chapter [6.2.2](#)
- BOX Panorama 55 with optional support frame, refer to chapter [6.2.4](#).

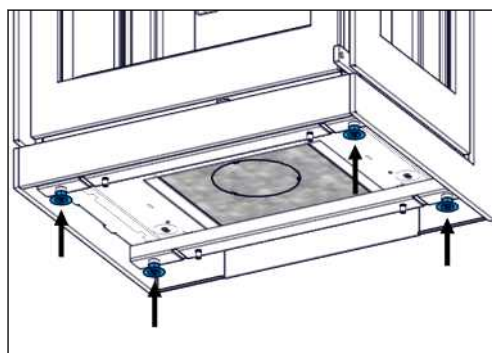
6.2.1

Install the appliance BOX Panorama 55

1. Put the appliance in the designated position. If the appliance is put on a natural stone platform, read and follow the instructions under **"Installation on a natural stone platform"**.
2. Make sure that the distance C is correct. Refer to chapter [5.2.1](#).
3. Put a nonflammable hearth under the appliance if necessary. Refer to chapter [5.2.1](#).
4. Make sure that the flue connection on the appliance is correct in line with the flue pipe to the ceiling.



5. Make sure that the distance between the bottom of the appliance and the floor is minimum 3 mm. Do this by adjusting the adjustable feet. Use a 13mm fork spanner.
6. Make sure the appliance is installed horizontally by adjusting the adjustable feet. Use a spirit level.
7. Go to chapter [6.3](#) for instruction for the connection of the flue pipe.



Installation on a natural stone platform



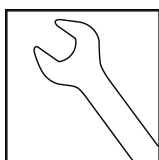
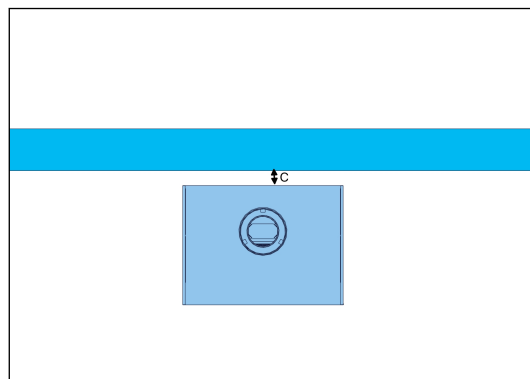
Do this procedure if the appliance is placed on a natural stone platform.

- Place the appliance approximately 3 mm above the platform by means of the adjustable feet.
- The platform must have minimum thickness of 3 cm.

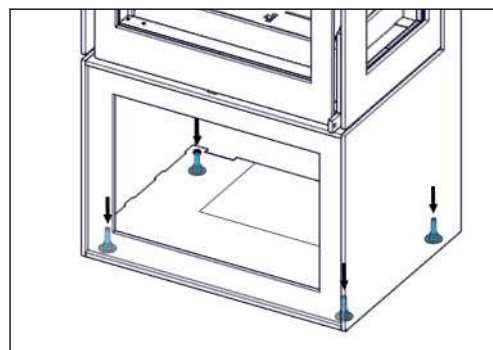
- The platform must support the weight of the appliance directly underneath it.
- Ask your natural stone dealer for additional advice regarding the specific type of stone in combination with the appliance.

6.2.2 Install the appliance BOX Panorama 55 with wood log storage module

1. Put the appliance in the designated position.
2. Make sure that the distance C is correct. Refer to chapter 5.2.2.
3. If the appliance is put on a flammable floor, it is recommended to put a non-flammable plate under the appliance that extends with a minimum 20 cm from the front of the appliance.
4. Make sure that the flue connection on the appliance is correct in line with the flue pipe to the ceiling.



5. Make sure the appliance is installed horizontally. If necessary, adjust the adjustable feet with a 13 mm fork spanner. Use a spirit level.
6. Go to chapter 6.3 for instruction for the connection of the flue pipe.



6.2.3 Connect the external combustion air supply pipe on the BOX Panorama 55 with optional support frame



Note:

This chapter is applicable for the appliance with the optional support frame.

1. Remove the break out plate in the external air inlet opening on the back of the appliance with a hammer.
2. Put the connection ring in the open external air inlet opening.
3. Bend out the 3 lips on the connection ring to attach the connection ring on the inlet opening.
4. Remove the break out plate from the cover.
5. Identify (with use of the template) the location in the outer wall for the external combustion air supply inlet.
6. Make a hole in the outer wall with at a minimum diameter of 125 mm.

7. Attach the support frame with cover on the wall. Refer to chapter [6.2.4](#) for the installation procedure.
8. Put a flexible aluminum pipe in the hole.
9. Install a grate in the hole in the outer wall and attach the flexible aluminum pipe to it.

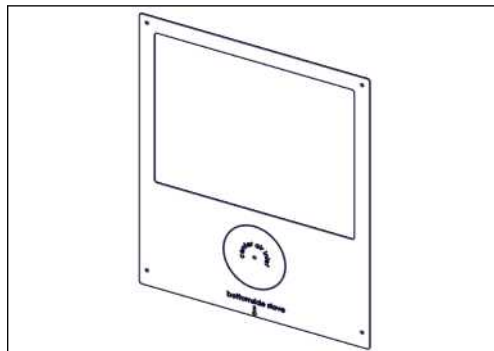
**Note:**

It is strongly recommended to install a valve in the external combustion air supply pipe, to avoid debris in the pipe and to avoid water vapor condensation in the appliance when not in use.

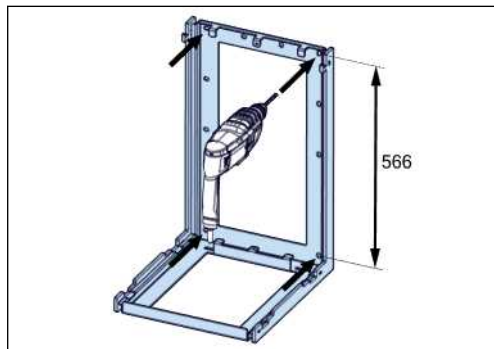
10. If the appliance is ready to be put on the support frame, connect the aluminum flexible pipe to the connection ring.
11. Refer to chapter [6.2.4](#) for the procedure to install the appliance on the support frame.

6.2.4**Install the appliance BOX Panorama 55 with support frame****Note:**

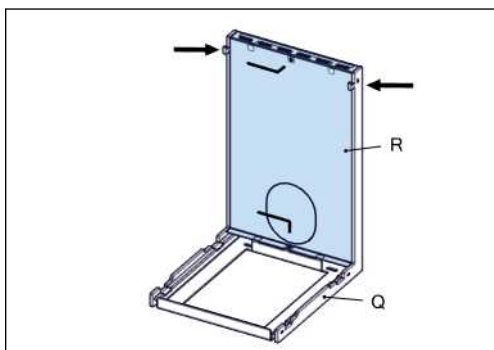
- Use the optional support frame to attach the appliance to a wall.
 - Barbas does not supply the screws for the attachment of the support frame on the wall. Use appropriate screws applicable for the wall.
 - The support frame must be attached to the wall by minimum 4 appropriate screws. Use the 4 holes in the corner of the support frame. Use more screws if necessary for the nature of the wall.
 - If the appliance uses external air supply, make sure that the collar adapter is attached on the back of the appliance and that the break out plate is removed from the cover. Refer to chapter [6.2.3](#) for the connection to external combustion air supply procedure.
1. Use the steel template to mark the locations on the wall for the 4 corner screws by which the support frame is attached to the wall and to mark the location for the external air supply. Make sure the template is horizontal when marking the locations. Use a spirit level.



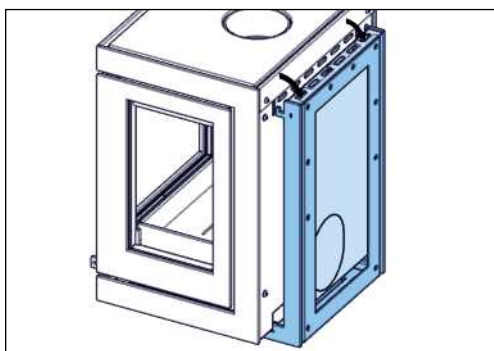
2. Drill the 4 holes.



3. Attach the support frame to the wall with appropriate screws. Use plugs when necessary.
4. Attach the cover (R) to the support frame (Q). Use an 11 mm fork spanner.



5. Put the stove on the support frame. Make sure hooks at the top of the cover go into the slots on the back of the appliance. Lower the appliance until it sits tightly on the support frame.



Note: If necessary, decrease the weight of the appliance by removing the door, the lower baffle and the ceramic panel. Refer to chapter 8 for instructions.

6.3

Connect the flue gas pipe



Caution: During operation of the appliance the outer side of the flue system becomes hot. Refer to section 5.2 for minimum distances to flammable material.



Note: If the appliance is installed on an unlined, masonry flue with a large diameter, consider using a flue lining system to improve the performance of the appliance.

1. Connect the flue to the flue gas connection on the appliance. If necessary use a steel flue adaptor.
2. If the flue is connected to an existing (masonry) chimney, make sure that the gap between the flue and the existing chimney is sealed with ceramic wool or any other applicable component (ask your flue system supplier for advice)
3. Make sure that all mechanical connections of the flue system are correctly used.
4. Make sure that all of the flue system is gas-tight,

6.4 Final check on the appliance

1. Make sure the door closes and opens easy.
2. Make sure the control lever moves easy to left and right without undue noise.
3. Make sure the plates on the side and rear wall of the combustion chamber and the baffles are in the correct position.

Contact your dealer if the final check shows a defect.

7 Maintenance

**Warning:**

Make sure that the appliance has cooled down completely before doing the procedures in this section.

Do all procedures in this section when necessary.

7.1 Appliance

1. Remove ashes from the floor of the combustion chamber.
2. Examine the door seals. Replace damaged seals.
3. Remove the grate and empty the ash tray.
4. Examine the baffle for damage. Replace when damaged.
5. Clean both sides of the front glass and 2 side glasses with glass spray or ceramic hob cleaner.



Tip: Remove the 2 side log guards (refer to step 2 of chapter 8) before the side glasses are cleaned.

6. Clean the inside of the appliance with a soft brush.
7. Clean the metal parts on the outside of the appliance with a dry lint free cloth. Use Barbas heat resistant paint spray to repair lacquer damage.

7.2 Combustion air supply

1. Make sure that the inlet of the pipe of the external combustion air supply is not blocked by leaves or other debris.
2. Clean the inlet of the pipe of the external combustion air supply.

7.3 Chimney

**Note:**

It is recommended to contact a registered chimney sweep company to inspect and clean the chimney.

1. Sweep and inspect the chimney
2. Make sure there is no blockage in the chimney, for example by birds' nests.
3. Make sure the chimney is in good condition. Examine for cracks, loose parts and flue gas leakage. It is recommended to use an inspection camera.

Make sure to remove the baffles before the chimney sweep work. Refer to step 4 and step 5 in chapter 8 for the procedure to remove the baffles.

Make sure to replace the baffles after the finish of the chimney sweep work and before firing the appliance.

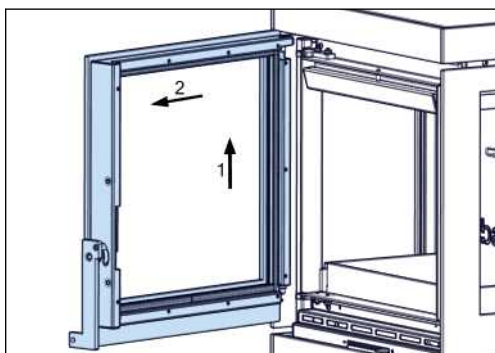
8 Removal of the interior of the combustion chamber

**Note:**

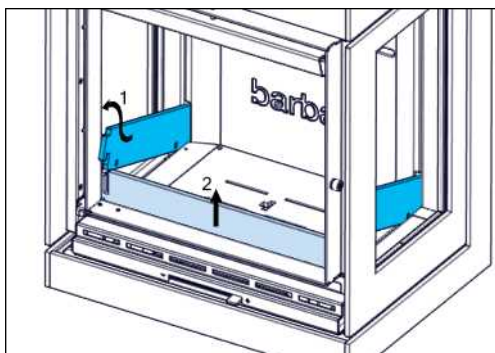
For chimney sweep work, only remove the upper baffle (refer to step 4 of this instruction) and lower baffle (refer to step 5 of this instruction).

1. Remove the door

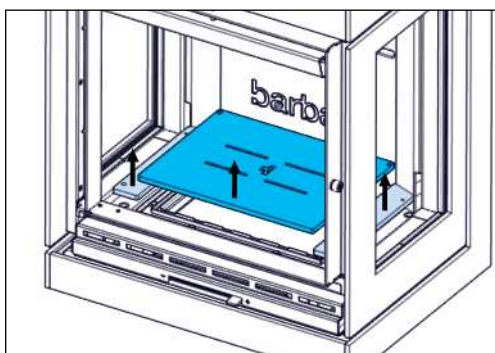
- a) Open the door almost completely and lift the door until the pins of the 2 hinges are free from the hinge holes.
- b) Move the door forward until it is free from the appliance.

**2. Remove the log guards.**

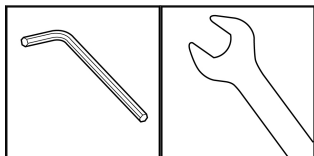
- a) Lift the front log guard and remove from the combustion chamber.
- b) Lift the front of the left and right log guard and move them forward.

**3. Remove the bottom.**

- a) Lift the grate and remove from the combustion chamber.
- b) Lift the left and right steel bottom plate and remove from the combustion chamber.



4. Remove the upper baffle



- a) Loosen the nut above the heat shield with a 3 mm hexagonal key and a 10 mm fork spanner. Make sure the nut stays attached to the socket screw.



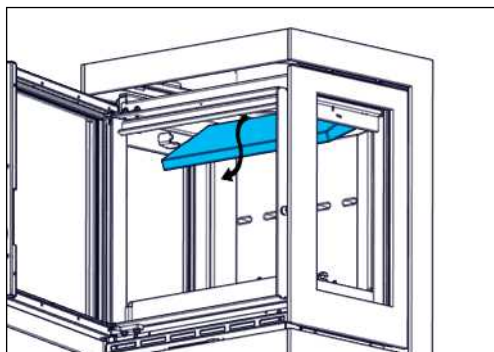
- b) Push up the front of the heat shield (1) and pull it forward (2) and move downward to a vertical position (3).



- c) Remove the upper baffle from the appliance.

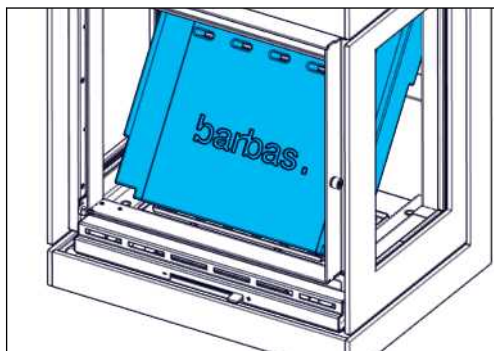
5. Remove the lower baffle.

- a) Push up the back side of the lower baffle and move it as far back as possible.
- b) Lower the front side of the upper baffle and remove it from the appliance.



6. **Remove the back panel.**

- a) Move the bottom of the back panel forward and remove it from the appliance.



Note:

To put the parts of the combustion chamber interior back, do the above instructions in opposite order.

9 Technical data

9.1 Technical data

Table 5: Technical data

Name	Barbas
Model	• BOX Panorama 55 • BOX Panorama 55 with wood log storage module • BOX Panorama 55 with support frame
EPREL registration number	28709
Tested in accordance with	EN 13240:2001-A2:2004 EN16510-1 annex D, E, F
Energy efficiency index	101
Energy efficiency class	A
Fuel	Wood logs, Wood briquettes
Nominal fuel load	2.0 kg
Nominal heat output (net)	8.8 kW
Minimum heat output (net)	3.9 kW
Useful efficiency at nominal heat output	≥ 75 %
Useful efficiency at minimum heat output (indicative)	≥ 75 %
Seasonal efficiency	67 %
Indirect heating function	No
Room sealed	No
Emissions (at 13 % O₂, 273 K, 1013 hPa)	
• carbon monoxide (CO)	≤ 0.12 vol% (≤ 1500 mg/Nm ³)
• particles (PM)	≤ 40 mg/Nm ³
• organic gaseous compounds (OGC)	≤ 120 mg/Nm ³
• nitrogen oxides (NO _x)	≤ 200 mg/Nm ³
Flue gas mass flow	8.3 g/s
Flue gas temperature	339 °C
Minimum chimney draught	12 Pa (0,12 mbar)
Flue gas connection	Ø 148 mm, suitable for a pipe with an inner diameter of 150 mm
Weight	
• BOX Panorama 55 • BOX Panorama 55 with wood log storage module • BOX Panorama 55 with support frame	• 128 kg • 161 kg • 141 kg
Minimum insulation thickness to combustible walls	

• side wall • back wall • floor • ceiling	Refer to chapter 5.2
Used materials	
• Combustion chamber back panel	Heat resistant ceramic 1600 kg/m ³
• Combustion floor and grate	Steel
• Lower baffle	Heat resistant ceramic 2000 kg/m ³
• Upper baffle	Steel
• Front glass • Side glass	• Heat resistant ceramic glass • Heat resistant and heat reflective ceramic glass
The specific precautions that shall be taken when the local space heater is assembled, installed or maintained, are listed in the attached documents:	• Installation and maintenance manual • User manual

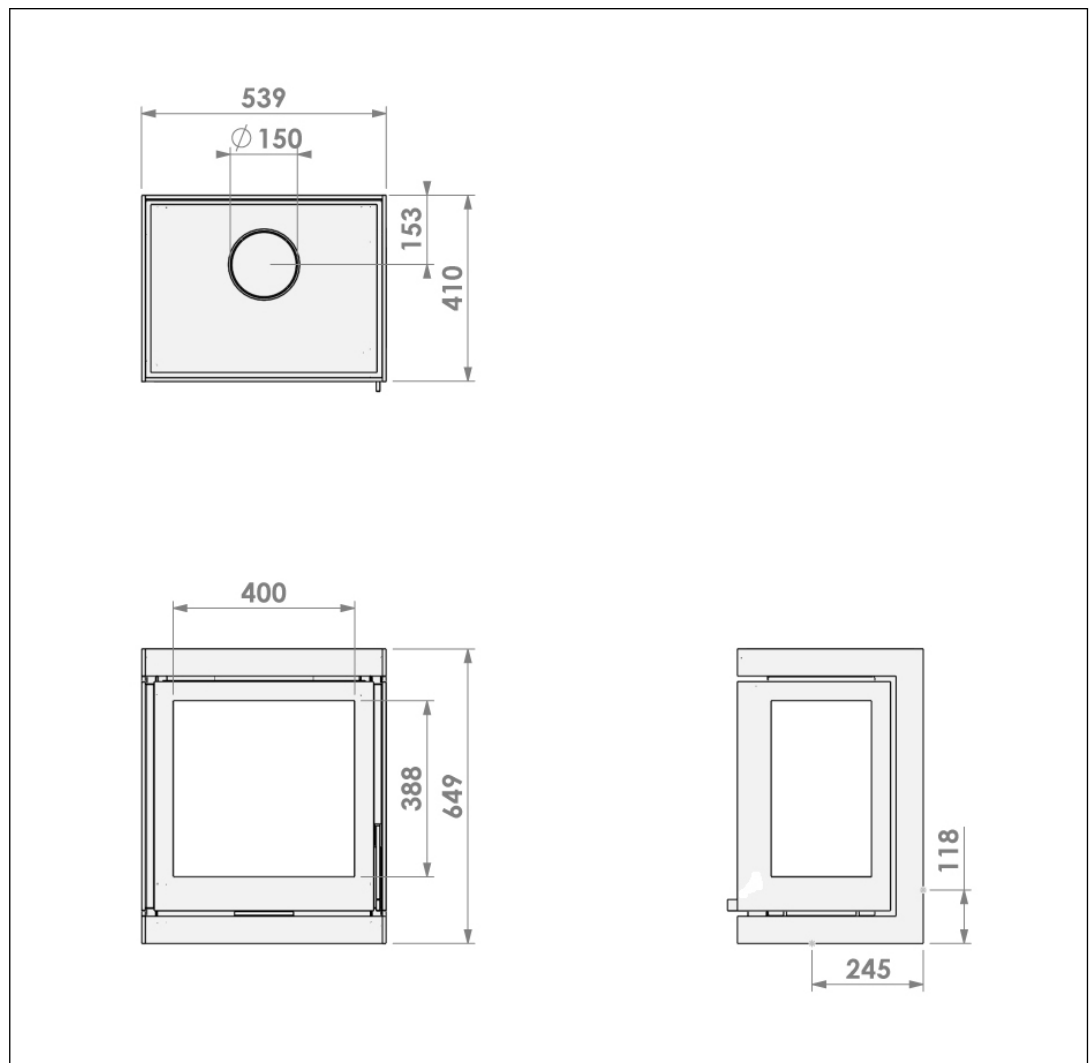
9.2

Product information according regulation (EU) 2015/1185

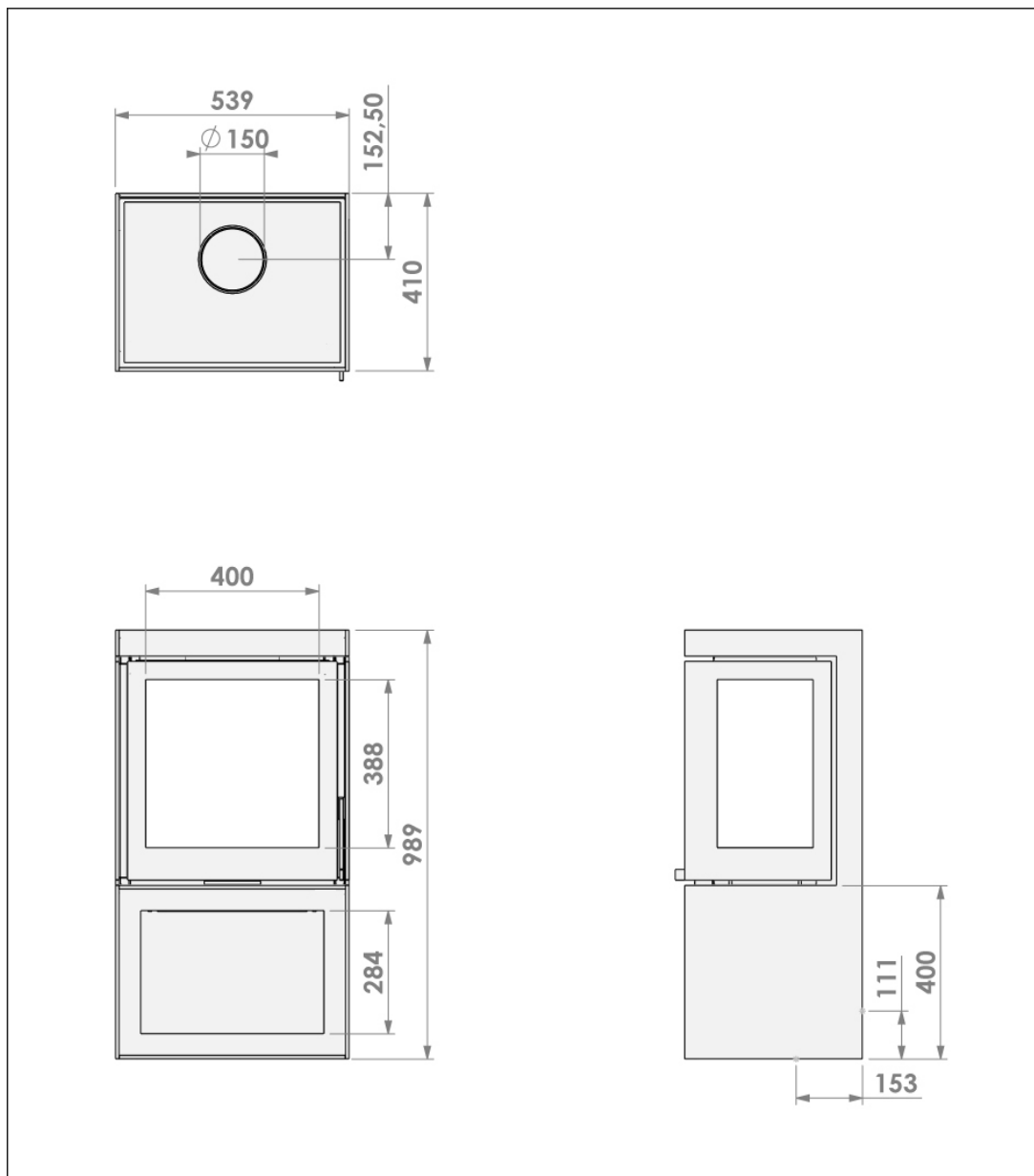
Model identifier	BOX Panorama 55											
Equivalent models	BOX Panorama 55 with wood log storage module; BOX Panorama 55 with support frame											
Indirect heating function	No											
Direct heat output	8.8 kW											
Indirect heat output	- kW											
Fuel	Preferred fuel (only one)	Other suitable fuel(s)	Emissions at nominal heat output (*) [mg/Nm ³ (13 % O ₂)]				Emissions at minimum heat output (*)(**) [mg/Nm ³ (13 % O ₂)]					
			PM	OGC	CO	NO _x	PM	OGC	CO	NO _x		
Wood logs, moisture content < 25 %	yes	no	≤ 40	≤ 120	≤ 1500	≤ 200	N.A.	N.A.	N.A.	N.A.		
Compressed wood, moisture content < 12 %	no	no										
Other woody biomass	no	no										
Non-woody biomass	no	no										
Anthracite and dry steam coal	no	no										
Hard coke	no	no										
Low temperature coke	no	no										
Bituminous coal	no	no										
Lignite briquettes	no	no										
Peat briquettes	no	no										
Blended fossil fuel briquettes	no	no										
Other fossil fuel	no	no										
Blended biomass and fossil fuel briquettes	no	no										
Other blend of biomass and solid fuel	no	no										
Characteristics when operating with the preferred fuel												
Seasonal space heating efficiency η_{se} [%]	67											
Energy efficiency index (EEI)	101											
Item	Symbol	Value	Unit	Item				Symbol	Value	Unit		
Heat output				Useful efficiency (NCV as received)								
Nominal heat output	P _{nom}	8.8	kW	Useful efficiency at nominal heat output				$\eta_{th, nom}$	76.8	%		
Minimum heat output (indicative)	P _{min}	3.9	kW	Useful efficiency at minimum heat output (indicative)				$\eta_{th, min}$	72.4	%		
Auxiliary power consumption			Type of heat output/room temperature control (select one)									
At nominal heat output	e _{l, max}	N.A.	kW	Single-stage heat output, no room temperature control							yes	
At minimum heat output	e _{l, min}	N.A.	kW	Two or more manual stages, no room temperature control							no	
In standby mode	e _{l, sb}	N.A.	kW	With mechanic thermostat room temperature control							no	
Permanent pilot flame power requirement			With electronic room temperature control									no
Pilot flame power requirement (if applicable)	P _{pilot}	N.A.	kW	With electronic room temperature control plus day timer							no	
				With electronic room temperature control plus week timer							no	
				Other control options (multiple selection possible)								
				Room temperature control, with presence detection							no	
				Room temperature control, with open window detection							no	
				With distance control option							no	
Contact details	Barbas Bellfires BV Hallenstraat 17 5531 AB BLADEL The Netherlands				www.barbas.com							
(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO _x = nitrogen oxides (**) Only required if correction factors F(2) or F(3) are applied.												
Signed for and on behalf of the manufacturer by: Danny Baijens, CEO												
Bladel; 29 November 2024												

10 Dimensions

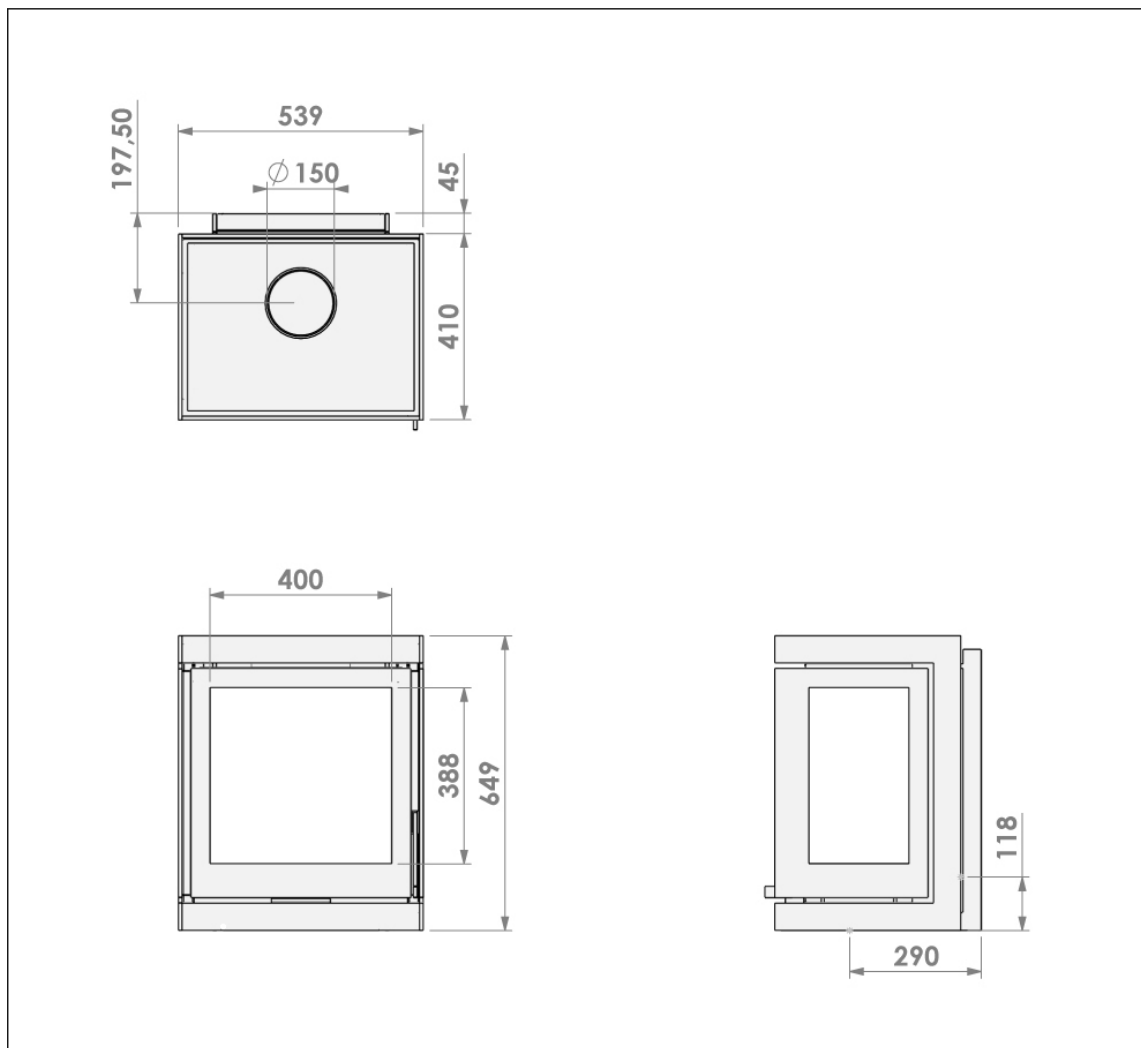
10.1 Dimensions BOX Panorama 55



10.2 Dimensions BOX Panorama 55 with wood log storage module



10.3 Dimensions BOX Panorama 55 with support frame



11 Warranty Terms

To make a claim under the warranty, it is important to register the Barbas appliance after purchase via www.barbasbellfires.com.

Barbas Bellfires Warranty Terms

Barbas Bellfires B.V. guarantees the quality of the supplied Barbas appliance and the quality of the materials used. All Barbas appliances are developed and manufactured according to the highest possible quality standards. If, despite all this, something should prove amiss with the Barbas appliance you have purchased, Barbas Bellfires B.V. offers the following manufacturer's warranty.

Article 1: Warranty

1. If Barbas Bellfires B.V. determines that the Barbas appliance you have purchased is defective as a result of a flaw in the construction or material, Barbas Bellfires B.V. guarantees to repair or replace the appliance free of charge, without charging any costs for labor or spare parts.
2. Repair or replacement of the Barbas appliance will be undertaken by Barbas Bellfires B.V. or by a Barbas dealer as designated by Barbas Bellfires B.V.
3. This warranty is supplementary to the existing legal national warranty of Barbas dealers and Barbas Bellfires B.V. in the country of purchase and is not intended to restrict your rights and claims based on the applicable legal provisions.

Article 2: Warranty conditions

1. Should you wish to claim under the warranty, please contact your Barbas dealer.
2. Complaints should be reported as quickly as possible after they have manifested themselves.
3. Complaints will only be accepted if they are reported to the Barbas dealer, together with the serial number of the Barbas appliance which is stated on the enclosed documents.
4. In addition, the original receipt (invoice, receipt, cash receipt) showing the date of purchase must also be submitted.
5. Repairs and replacements during the warranty period do not give any entitlement to an extension of the warranty period. After a repair or replacement of warranty parts, the warranty period shall be deemed to have started on the date of purchasing the Barbas appliance.
6. If a certain part is eligible for the warranty and the original part is no longer available, Barbas Bellfires B.V. shall ensure that an alternative part of at least the same quality shall be provided.

Article 3: Warranty exclusions

1. The warranty on the Barbas appliance ceases to be in effect if:
 - a. it is not installed according to the installation instructions, and to national and/or local regulations;
 - b. it has been installed, connected or repaired by a non-Barbas dealer;
 - c. it has not been used or maintained according to the instructions for use;

- d. it has been changed, neglected or roughly treated;
 - e. it has been damaged as a result of external causes (outside the appliance itself), for example, lightning strike, water damage or fire;
2. In addition, the warranty lapses if the original purchase receipt shows any change, deletion, removal or if it is illegible.

Article 4: Warranty area

1. The warranty is only valid in those countries where Barbas appliances are sold through an official dealer network.

Article 5: Warranty period

1. This warranty will only be granted during the warranty period.
2. The body of the Barbas appliance is guaranteed for a period of 10 years against construction and/or material faults, starting from the moment of purchase.
3. For other parts of the Barbas appliance, a similar warranty applies from the moment of purchase for a period of two years.
4. For user parts such as glass, glass sealing cord and the interior of the combustion chamber, a similar guarantee is given until after the first burning.

Article 6: Liability

1. A claim granted by Barbas Bellfires B.V. under this warranty does not automatically imply that Barbas Bellfires B.V. also accepts liability for any possible damage. The liability of Barbas Bellfires B.V. never extends further than that stated in these warranty conditions. Any liability of Barbas Bellfires B.V. for consequential damage is expressly excluded.
2. That stated in this provision is not valid if and to the extent that it derives from a mandatory provision.
3. All agreements entered into by Barbas Bellfires B.V. are, unless specifically stated otherwise in writing and to the extent that they are permitted based on applicable law, subject to the FME-CWM general sales and delivery conditions for the technology industry.

Barbas Bellfires B.V.
Hallenstraat 175531 AB Bladel
The Netherlands
Tel: +31-497339200
Email: info@Barbas.com

Carefully retain the enclosed documents; they show the serial number of the appliance. You will need this if you wish to claim under the warranty.

barbas .

Your Barbas dealer