

Trimline Woody Air 6/8

INSTALLATION AND OPERATING INSTRUCTIONS

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1 GENERAL

We hope you enjoy your wood-burning appliance. Read these instructions carefully before installing and using the appliance. Keep these instructions in a safe place. In the event of a problem with your appliance, please always provide the model and serial number, which can be found on the appliance.

Your receipt of purchase is your proof of guarantee.

NOTE

- 1 The appliance must be installed, connected and checked by an installation technician qualified to national, regional, local and European standards and regulations.

The appliance is delivered complete. Check the appliance immediately after delivery to confirm that it has not been damaged during transport. If it has been damaged in any way, please inform your supplier immediately, providing as many details as possible. Your appliance has been coated with heat-resistant enamel that can withstand extremely high temperatures. Allow the appliance to burn at the highest setting and ventilate the room thoroughly during its first hours of use. As the enamel cures, a non-hazardous smell and/or some smoke may be emitted.

1.1 Intended use

This appliance is designed for indoor use to heat the room in which it is installed. It may not be used for any other purpose.

- 1 **Not as primary heating:** The appliance is unsuitable for use as a primary heating source.
- 2 **Fuel:** Use only wood logs or wood briquettes as fuel. Other fuels are not to be used.
- 3 **Use with the door closed:** The appliance must always be used with the door closed.
- 4 **Installation location:** The appliance may only be used in locations that meet the installation requirements.
- 5 **Usage:** The appliance is intended for intermittent use, not for continuous use.
- 6 **Direct heating:** The appliance is designed for direct room heating and must not be connected to a central heating system.

WARNING

- 1 Only use the wood stove to burn recommended fuels. Do not use the wood stove as an incinerator for waste or other unsuitable materials.
- 2 The appliance is designed to operate with the door closed. Burning with the door open is not permitted as this negatively affects combustion performance and can lead to an increased risk of smoke and fire hazard.

NOTE

- 2 Extractor fans can cause problems when operating in the same room or area as the appliance. For example, an extractor hood above a stove. The operation of an extractor fan can disturb the air pressure in the room and can lead to a reduced draught in the chimney or flue gas outlet of the appliance. This can result in incomplete combustion, smoke development and an increased risk of carbon monoxide poisoning. Make sure there is sufficient air supply in the room to prevent these problems.

1.2 Flue gas discharge

Connect the appliance to a suitable individual flue gas duct that is designed for wood-burning appliances. The appliance must not be connected to a shared discharge system. The flue gas duct must be clean and gas-tight. Angles in the flue gas duct must never exceed 45 degrees. A T-piece with soot bag pipe must be used at the rear connection. The diameter of the flue duct must be at least equal to the connection size of the appliance. The draft in the flue must be at least 12 Pa. A flue gas damper must be used in the event of a duct drawing too strongly. Ensure the chimney is cleaned regularly. Follow the instructions of the duct supplier here. In the event of a chimney fire, extinguish the fire in the appliance (e.g. with sand), close the chimney flap if possible, and contact the fire brigade.

1.3 Product standards and guidelines

The Woody Air wood-burning appliance complies with the following standards and guidelines:

- EN 16510-1
- EN 16510-2-1
- BimschV stufe 2
- Eco Design

2 FUEL

2.1 What fuel can you use and what should you pay attention to?

Good fuel is the "engine" of your appliance. Always use high-quality, well-dried wood. This will ensure you get the most benefit from the fire and will prevent unwanted "side effects" such as excessive smoke formation or spattering. What can you use?

- 1 Hard woods such as oak, beech and wood from fruit trees. This wood gives a short flame and burns for a longer period.
- 2 Light woods such as birch, poplar, willow, alder and spruce. These types give a long flame but burn quite quickly.
- 3 Softwood (only in a very well-burning fire in order to avoid deposits in the chimney)
- 4 Dry spruce is often used as kindling because it burns quickly.

2.2 Loading fuel

Load the appliance with the fuel amount specified below. Place the load in a single layer on the floor of the combustion chamber.

NOTE

Do not exceed the amount of fuel specified here. Overloading can lead to excessive smoke formation.

Logs	Air 6	Air 8
Quantity	2 units	2 units
Weight	± 0,7 kg each	± 0,75 kg each
Length	± 20 cm	± 20 cm

The above quantity burns for approximately 45 minutes at a chimney draft pressure of 12 Pa, measured under standardised test conditions according to EN 16510.

WARNING

- 1 Wood-burning appliances get hot when in use. After installation of the appliance, the glass surface is considered to be an active zone. The surface of the glass can become very hot. Warning: Caution must be exercised; children and those in need of assistance must be kept away from burning appliances. Appliances shall not be placed on or against non-refractory materials such as curtains. Modification of the appliance is strictly forbidden. Never place the appliance against or in a non-fireproof wall. See Distance from flammable materials.
- 2 Never burn in foggy or windless weather, avoid creating a nuisance in your environment.
- 3 The use of unsuitable fuels will lead to excessive smoke, a blackened glass panel, flammable deposits and may damage the appliance. It is also bad for the environment.

2.3 Inappropriate fuels include

- 1 All fluids.
- 2 Painted wood.
- 3 Impregnated wood.
- 4 MDF, chipboard.
- 5 Any kind of combustible waste.
- 6 Printed (coloured) paper from magazines.
- 7 Paraffin impregnated pressed wooden blocks.
- 8 Wet or fresh wood.
- 9 Coal, anthracite and other bituminous fuels.
- 10 Brown coal, peat.
- 11 Plastics.
- 12 Azobé wood.

2.4 Dry wood burns best

Freshly chopped wood must dry for at least 2 years before use. Oven-dried wood must be allowed to dry for an extra six months. Dried logs must have a moisture content of 10-20%.

2.5 White smoke

Your appliance is working correctly if you can see colourless or white smoke coming out of your chimney flue. Light coloured smoke indicates good fuel with good combustion. Grey, blue or even black smoke is produced by incomplete combustion, and this can be caused by damp wood or a low temperature.

2.6 Combustion air

A wood-burning appliance consumes about 35 m³ of air per hour, although this is hardly noticeable in practice. Safe and complete combustion requires a continuous air supply that cannot be shut off. The optionally available outside air supply connection can be used for this purpose.

In some cases, however, smoke backdrafting may be caused by something other than inadequate ventilation. For example, some types of wood can generate excessive smoke, leading to inadequate discharge through the flue gas duct. There may also be an obstruction or some form of narrowing in the flue gas duct. If in doubt about the cause, you are advised to contact your dealer or installer.

2.7 Ash removal

After many hours of operation, ash builds up in the appliance. You can allow the ash to accumulate inside the appliance as long as it does not obstruct the primary air vents at the front and rear of the combustion chamber. As soon as these openings are at risk of being blocked, the ash should be removed. Use a metal scoop and bucket for this, as the ash may contain smouldering embers, even after several days. Ash from clean, dry wood is a natural residual product and can be used as a soil conditioner. Fully cooled ash may also be disposed of in the container for garden and kitchen waste.

3 SAFETY

NOTE

- 1 Please read this safety chapter carefully before beginning installation or maintenance.
- 2 Follow the general regulations and the precautions/safety instructions in these installation instructions.

3.1 Instructions

Install the appliance in accordance with applicable European, national, local and building (installation) regulations. The Building Decree, among other things, applies in the Netherlands.

3.2 Installation precautions/safety instructions

Follow the precautions/safety precautions below carefully:

- 1 Only install and maintain the fireplace if you are a qualified installer of wood-burning appliances.
- 2 Only place the fireplace in a room in which the use of the fireplace does not pose a danger to the structural construction and activity in the room.
- 3 Take any flammable chimney beams above the fireplace into account. Remove these or install sufficient non-combustible insulation material according to Eurofire class A1 EN 13501-1 in accordance with the building guidelines.
- 4 If you encounter other flammable materials, apply sufficient non-flammable insulation material according to Eurofire class A1 EN 13501-1 in accordance with the building guidelines.
- 5 When installing a free-standing appliance, consider the minimum required space from the appliance to a non-combustible wall. This distance is 50 mm.
- 6 Use stove pipe material that meets at least EN 1856-2 T600.
- 7 When installing the fireplace and/or stove pipes, take account of the minimum distance to flammable objects and materials (see paragraph 4.3 *Distance to flammable materials* 4 and in chapters 11 *Identification plate Woody Air 6* and 13 *Identification plate Woody Air 8*).
- 8 In case of a flammable floor, install a protective floor plate.
- 9 Do not cover or wrap a free-standing fireplace with an insulating blanket or any other material.
- 10 Connect the appliance to a suitable flue gas duct.
- 11 Have the flue gas duct inspected and cleaned in advance by a certified chimney sweeping company.
- 12 Do not modify the appliance yourself.
- 13 Use only genuine parts for replacement.
- 14 Ensure adequate ventilation in the installation area, and install an additional air supply opening as necessary.
- 15 Do not allow negative pressure to be created in the installation space. If applicable, connect the outside air connection and use it to obtain combustion air directly from outside the home.

3.3 Safety instructions for operation

Essential precautions:

- 1 Do not place flammable objects on the appliance.
- 2 Do not leave the appliance unattended while the fuel is burning.
- 3 Do not place flammable objects within 100 cm of the front of the appliance.
- 4 Do not place flammable objects within 50 cm of the side of the appliance.
- 5 If applicable, ensure the distance between the top of the log storage module and the logs stacked in the storage module is at least 10 cm. Make sure the stored logs do not touch the top of the log storage module.
- 6 Do not use mineral fuel (e.g. coal, anthracite).
- 7 Do not use liquid fuels.
- 8 Do not use the appliance with the door open. Smoke can escape from the appliance. Open the appliance door only for a short period of time in order to add fuel or to remove ash.
- 9 Supervise children if they have access to the appliance.
- 10 Ensure adequate ventilation in the room in which the appliance is installed.
- 11 Do not use the appliance if the glass panel is visibly damaged.
- 12 Do not use the appliance if the door seal is damaged.
- 13 Verify the appliance is installed correctly. See the Installation and Maintenance Manual.
- 14 Wear the glove and use the control hook or a lever when refilling the appliance.
- 15 Make sure your clothing does not come into contact with the appliance. Synthetic clothing in particular ignites quickly and burns violently.
- 16 Do not use the appliance in fog, mist or when there is no wind.
- 17 Do not make any adjustments on the appliance. Any modification will void the warranty.

Safety guidelines:

- 18 Have the appliance, chimney and external combustion air supply inspected and cleaned by a certified installer at least once a year. To prevent a chimney fire.
- 19 Do not use freshly chopped wood.
- 20 Do not use more wood per load than specified. See paragraph 2.2 for the recommended amount of fuel.
- 21 Do not burn waste in the appliance.
- 22 Do not prepare food in the appliance. This will cause damage to the appliance and the chimney.

Comment:

- 23 Do not use the appliance continuously. The appliance is intended for intermittent use.

WARNING

- 1 Flue gases from blocked smoke vents are dangerous. Make sure the smoke vents remain free of blockages. Have the flues swept regularly in accordance with the recommended instructions to ensure safe and efficient operation of the appliance and to remove deposits that may damage the appliance. It is also bad for the environment.
- 2 When using the appliance for the first time, ensure there is adequate ventilation in the room in which the appliance is installed.
- 3 Do not use the appliance in fog, mist or when there is no wind.

NOTE

The appliance has a heat-resistant coating. When you first use the appliance, the coating may produce an unpleasant but not harmful odour.

3.4 Environmental safety instructions

- 1 Dispose of packaging materials in an environmentally friendly manner.
- 2 Dispose of ceramic heat-resistant glass via regular waste. Do not dispose of the ceramic heat-resistant glass with normal glass.
- 3 Dispose of the appliance in accordance with the instructions of the authorities or the installer.
- 4 Follow local regulations.

4 INSTALLATION OF THE APPLIANCE

4.1 Converting the top connection to a rear connection of the flue gas duct

As standard, the appliance comes with a top connection, but this can be converted easily into a rear connection.

- 1 Remove the round back plate from the casing (break it out by moving it back and forth)
- 2 Very carefully remove the baffle plate in the appliance
APPENDIX 3 1.
- 3 Remove the efficiency plate at the top connection
APPENDIX 3 2.
- 4 Remove the cover plate from the opening on the back of the appliance from the inside of the appliance.
- 5 Remove the flue connector from the top of the appliance and place it on the connection opening at the back of the appliance. Make sure there is a good gas-tight seal.
- 6 Fit the efficiency plate at the location of the rear connection with the opening facing upwards.
- 7 Slide the efficiency plate downwards in the most open position; you can adjust the draft in the appliance as needed later by adjusting the plate. The latter also applies to a top connection.
- 8 Now fit the cover plate that was removed from the rear connection to the duct opening on top of the appliance, making sure there is a good gas-tight seal.
- 9 Carefully replace the baffle plate in the reverse order it was removed, and ensure that all the interior vermiculite panels are free of any tension.

- 10 Place the extra seal cover at the top of the recess in the casing.

4.2 Installing the appliance

- 1 Ensure the floor has sufficient weight bearing capacity for the appliance.
- 2 Make sure all the combustion air supply openings are clear.
- 3 See paragraph 4.3 *Distance to combustible materials* **1 2 3 4** for the minimum distance to combustible materials. The flue gas duct on the appliance must be insulated.
- 4 Make sure the right type of fire extinguishers are on hand in the event of an emergency.
- 5 Place the appliance in the correct position.
- 6 Connect the discharge duct gas-tight.
- 7 Connect the direct external air supply to the external air connection under the appliance using non-combustible discharge material with a diameter of minimal 80/100 mm.

APPENDIX 1 7 1 2 3

NOTE

If the appliance is connected with the optional outside air supply connection, the **Type B** designation on the identification plate must be replaced by **Type BE**. This change is necessary to correctly display the configuration of the device in accordance with applicable guidelines (See chapters 11 *Identification plate Woody Air 6* and 13 *Identification plate Woody Air 8*).



4.3 Distance from flammable materials

1

2

3

4

Minimum distance to combustible materials (mm)

	Air 6	Air 8
A	150*	100*
B	500	500
C	1000	1000
D	1000	1000

*  The flue gas duct on the appliance must be insulated and CE-certified.

5 FLUE GAS DISCHARGE DUCTS

5.1 Instructions

The installation of a fireplace or stove and flue gas exhaust must be carried out in accordance with current European National and Local regulations. Follow the instructions as they are written down in these installation instructions.

5.2 Requirements for flue gas exhaust ducts

A metal chimney flue must meet the requirements of:

- 1 EN 1856-1 Chimneys
- 2 EN 1856-2 Metallic linings and connecting pipes

A chimney built on site must meet the requirements of:

- 1 EN 15287-1 Chimneys for open heating appliances
- 2 EN 15287-2 Chimneys for closed heating appliances

The operation of the chimney can be demonstrated according to EN 13384-2.

NOTE

Extractor fans can cause problems if they are operating in the same room or area as the appliance. One solution for this could be the use of an external combustion air supply.

The following specifications are applicable to the flue gas duct:

- 1 The flue gas duct must be inspected and swept in advance by a specialist at the beginning of each heating season.
- 2 The flue gas duct must be suitable for connecting a wood-fired appliance.
 - For the connection material (stove pipe) on the appliance, use a material that complies with at least EN 1856-2 T600 class.
 - When installing a stainless steel flexible pipe, always use the double-walled stainless steel version with a "smooth" interior.
- 3 The appliance must be connected to a single, undivided flue gas duct.
- 4 The flue gas duct must be clean.
- 5 The flue gas duct must be gas-tight.
- 6 The offset in the flue gas duct must not exceed 1.5 metres, with a minimum angle of 45 degrees from the horizontal plane.
- 7 For a rear connection to the appliance, the horizontal part of the flue gas duct must not exceed 500 mm. It must then go vertically upwards.
- 8 When connecting the rear connection of the appliance to a vertical flue gas duct, a T-piece with soot bag must be used.
- 9 The diameter of the flue gas duct must be at least equal to the diameter of the flue gas discharge of the appliance.
- 10 The draft of the flue gas duct must be at least 12 Pascal.
- 11 A flue gas damper must be fitted in the event of the draft being too strong. If necessary, install a flue gas fan if there is insufficient draught or negative pressure is created in the installation space due to mechanical ventilation in the home; this can solve the negative pressure problem you may be experiencing.
- 12 Stove pipes must be installed with discharge towards the appliance.
- 13 To limit rust formation and damage to the interior lining of the appliance due to moisture, a rain cap/draft cap must be placed on top of the flue gas duct.
- 14 The flue gas duct must be self-supporting and must not rest on the appliance.

WARNING

For proper installation of the flue gas discharge, follow the installation instructions of the flue gas discharge manufacturer.

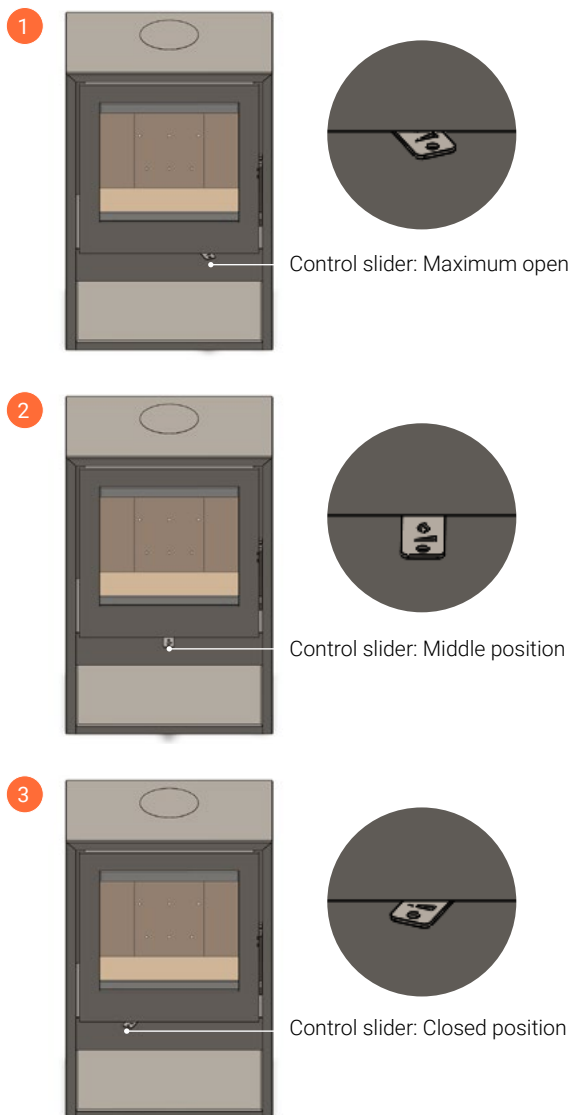
6 OPERATING INSTRUCTIONS

Light the appliance using the Swiss method. This method requires the appliance to be lit from top to bottom. This ensures complete, clean and responsible combustion with minimal emission of dust and smoke. Check and clean the flue gas duct thoroughly before using the wood burning appliance after a long period of it not being used. Remove any obstructions, such as bird nests, leaves, soot build-up, or other materials that may interfere with airflow and affect safe operation. Proceed as follows:

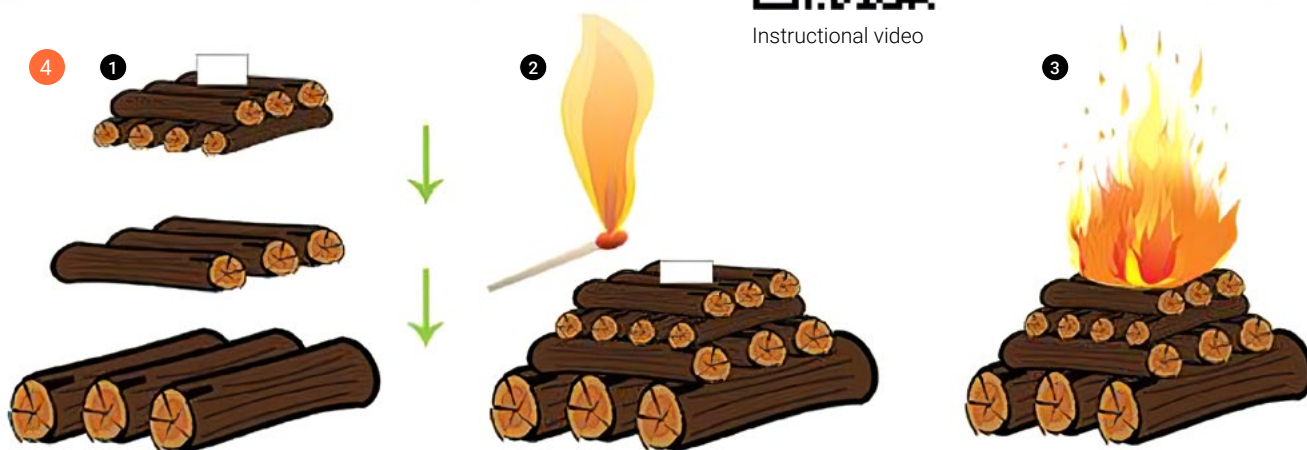
- 1 If a throttling valve is present in the flue, it must be fully opened before lighting the appliance.
- 2 Move the air control slider to the maximum open position, which is fully to the right. ❶
- 3 Stack the kindling crosswise at a small distance from each other, from thick to thin. Stack some kindling wood crosswise on top of this. Place the firelighter at the very top. ❷ ❶
- 4 Then light the firelighter so the fire burns from top to bottom ❷. The wood heats up slowly, which means it will burn longer and the fire will be more controlled. ❸
- 5 Close the door in the ajar position APPENDIX 2 ❷.
- 6 The fire will slowly draw down and ignite the large logs at the bottom of the pile.
- 7 The door can be fully closed APPENDIX 2 ❶ and the control slide can be partially closed, for example at the middle position ❷

⚠ WARNING

- 1 Keep the appliance door closed at all times unless lighting the fire, adding fuel, or removing cold ashes. This prevents smoke leakage and ensures optimum combustion efficiency and safety.
- 2 The appliance can reach very high temperatures. Use the supplied cold handle to operate the air slides and open/close the door.



Instructional video



- 8 Place 2 split logs lengthwise from front to back a few centimetres apart in your appliance.

Logs	Air 6	Air 8
Quantity	2 units	2 units
Weight	± 0,7 kg each	± 0,75 kg each
Length	± 20 cm	± 20 cm

- 9 Close the appliance door completely again. **APPENDIX 2 1**
- 10 The combustion speed can be regulated with the control slide under the door, moving it to the left results in a reduced air supply. **4**
- 11 If the air control slide is in the middle **2** the appliance burns at its nominal combustion.
- 12 Fill the appliance regularly and as needed, but no more than the prescribed load, see technical data.
- 13 Never load with solid and/or liquid fuels other than dry wood.
- 14 If the ash bed becomes excessive over time (primary air openings in the front and back of the appliance are blocked), scoop out the ash.
- 15 If the draft in the appliance/chimney is too high, the draft in the appliance can be tempered by moving the efficiency plate **APPENDIX 3 2** closer. To do this, remove the baffle plate **APPENDIX 3 1** by lifting it slightly at the front **1**, tilting the plate **2** and first removing it from the appliance using the underside of the plate **2 3**. The efficiency plate can then be adjusted by loosening the nuts. **4 5**
- 16 If the draft is still too high when the efficiency plate is in the maximum closed position, a flue gas damper must be installed in the discharge pipe. If your appliance becomes overloaded and threatens to overheat as a result, the air supply must be closed completely. In this case, never open the door of your appliance (especially in the event of a chimney fire).

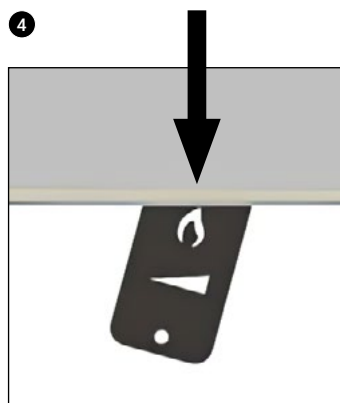
NOTE

- 1 Ensure a minimum gap of 100 mm remains below the control valve to ensure good air supply and to prevent disruption of air circulation.
- 2 Provide adequate ventilation to ensure efficient and clean combustion and to prevent smoke and harmful gases from entering the room.

WARNING

Treat the heat-resistant interior with care

There are vermiculite plates inside the appliance. These insulation plates ensure the temperature in the appliance remains high. The durability of the plates depends on how you stock the fire. Wet wood, for example, will cause the panel to become porous more quickly. The plate may then break if you hit it. If the plates crack after a number of uses, you can safely continue using the appliance as this has no adverse consequences for the combustion. However, if the plates swell and/or fall apart due to moisture ingress, the plates must be replaced. The plates are easy to replace. Please inform your dealer of the type of appliance and the dimensions if you want to buy a new plate.



7 MAINTENANCE

A well-maintained and clean appliance ensures optimal combustion, which will subsequently contribute to better heat output, a cleaner burning fire, reduced smoke and soot formation, and a longer lifespan of the appliance.

Cleaning

1 Paint

Clean your appliance with a soft, dry cloth. Do not use water, because the heat-resistant paint is not water-repellent. Also, do not place objects on the appliance.

2 Cleaning

Although the appliance has a glass panel aeration system, deposits may still form on the glass. These deposits can be removed with a suitable glass cleaner, which you can leave on the glass for a period to take effect if desired. Never clean the glass panel with an abrasive agent and/or abrasive sponge. These agents will scratch the paint.

3 Seals

The seals must be replaced when they become worn or damaged for optimum efficiency.

WARNING

When cleaning the flue, the baffle plate and efficiency plate must be removed. This prevents soot accumulation. After cleaning, the plates must be correctly refitted. See APPENDIX 3.

8 TROUBLESHOOTING

Problem	Possible cause	Possible solution
The fire burns badly	Damp wood	Use wood with a moisture content of no more than 20%
	Incorrect fuel	Only use the fuel allowed for the appliance
	Insufficient draught in the chimney (min. 12 Pa), e.g. due to negative pressure in the room	Follow the recommended lighting procedure, ensure adequate ventilation air in the room, and turn off all air-intake devices
	insufficient combustion air	Slide the air lever all the way to the right
	Foggy weather	Do not burn in foggy conditions
The fire is burning too hot	The chimney is drawing too much	Consult your chimney sweep if the restrictor box needs to be closed
	The air lever is all the way to the right	Move the air lever more to the left
	More fuel than recommended	Stick to the basic filling instructions
Smoke comes into the room during refilling	Refilled too early, or filled onto wood that has not caught fire yet	Only add wood once a nice glowing bed has formed in the combustion chamber
	The appliance will not have reached the right temperature if you load too early	Burn firewood to a basic glow and only add small logs
	Air-intake devices, such as an extractor hood, are switched on	Make sure air intake devices are switched off. And make sure there is sufficient air in the room
	The door was opened too quickly	Open the door slowly and carefully
Glass gets dirty	Too damp wood	Use wood with moisture content up to 20%
	Too much wood	Do not add more than 2 to 3 pieces of wood
	The combustion chamber is not hot enough	Move the air slide all the way to the right. Use the recommended amount of fuel
	The seal around the door is damaged	Contact the dealer
Chimney fire (can be recognised by a roaring sound in the chimney)	Inflammation of soot and tar deposits in the chimney	Set the air slide to the far left position
		Call the emergency number (112)
		Extinguish the combustion chamber with sand
		WARNING: NEVER EXTINGUISH WITH WATER
		Ventilate the house
		Have the chimney swept at least once a year by a certified chimney sweep

9 GUARANTEE

You have a 2-year manufacturer's guarantee. The vermiculite plates and glass are not included. Any parts can be obtained through your dealer, please state the model and serial number. Your purchase receipt is your proof of guarantee. The guarantee period starts on the day of installation









9.1 The guarantee does not cover parts that are designed to wear

- 1 Door and glass seals
- 2 Ceramic glass
- 3 Vermiculite

9.2 The guarantee will expire in the following cases

- 1 Damage caused by excess heat
- 2 Damage caused by external influences
- 3 Use of unsuitable fuel types
- 4 Failure to comply with statutory or recommended installation regulations
- 5 Independent changes to the appliance
- 6 No service or maintenance performed on the appliance
- 7 Damage during transportation

10 TECHNICAL SPECIFICATIONS AND PARAMETERS WOODY AIR 6

Art. Nr. 201030006000		Product: Woody Air 6			DOP number		DOP-TLF201030006-01			
Parameter					Explanation parameter			Data	Unit	
P _{nom}		the nominal heat output or a range of outputs (dependent on fuel types), rounded to the nearest one decimal place							6,4	kW
η _{nom}		the appliance efficiency at nominal heat output, rounded to the nearest integer							82	%
η _s		the appliance seasonal space heating efficiency at nominal heat output, rounded to the nearest integer							73	%
EEI		the energy efficiency index, rounded to the nearest integer							109,9	-
(*) CO _{nom} (13 % O ₂)		CO emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer							625	mg/m ³
(*) NO _{xnom} (13 % O ₂)		NOx emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer							75	mg/m ³
(*) OGC _{nom} (13 % O ₂)		hydrocarbon emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer							53	mg/m ³
(*) PM _{nom} (13 % O ₂)		particulate matter emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer							28	mg/m ³
P _{nom}		minimum flue draught at nominal heat output, rounded to the nearest integer							12	Pa
d _R		the minimum distances from the rear to combustible material, rounded to the nearest integer							150	mm
d _S		the minimum distances from the sides to combustible material, rounded to the nearest integer							500	mm
d _C		the minimum distances from the top to combustible material in the ceiling, rounded to the nearest integer							1000	mm
d _P		the minimum distances from the front to combustible material, rounded to the nearest integer							1000	mm
d _F		the minimum distances from the front to combustible material in bottom front radiation area, rounded to the nearest integer							150	mm
d _L		the minimum distances from the front to combustible material in side front radiation area, rounded to the nearest integer							150	mm
d _B		the minimum distances below the bottom (not regarding feet) to combustible material, rounded to the nearest integer							na	mm
d _{non}		the minimum distances to non-combustible walls, rounded to the nearest integer							na	mm
S		Protective insulation according to manufacture r’s instructions							na	mm
T _{snom}		the flue gas outlet temperature at nominal heat output, rounded to the nearest integer							258	°C
T _{class}		Chimney designation according to the appropriate chimney standard							T450/T600	-
φ _{f,g nom}		the flue gas mass flow at nominal heat output, rounded to the nearest one decimal place							5,2	g/s
CON or INT		whether the appliance is capable of continuous operation (CON), whether the appliance is capable of intermittent operation (INT)							INT	Operation
d _{out}		the diameter of the flue gas outlet, rounded to the nearest integer							150	mm
L, H, W		the overall dimensions of the appliance (length, height, width), rounded to the nearest integer							L=490 H=825 W=355	mm
m		Mass of the appliance, rounded to the nearest integer							75	kg
M _{chim}		the maximum load of a chimney the appliance may carry, to be rounded to the nearest integer							na	kg
		* meaning “read and follow the user operating instructions”								-
Manufacturer									Thermocet International B.V. Netherlands	
Type of appliances	Room-Sealed	Leakage declaration	Combustion air supply connection	Door closure	Tightness requirement					
Type B	-	No	No specific requirement	No specific requirement	No specific requirement					
	Fuel Wood									
	Conformité Européenne Norm									
EN standard 1										
EN standard 2								EN 16510-1:2022		
EN standard 3								EN 16510-2-1:2022		
EN standard 4										
certificate nr 1								H/2025/0008		
certificate nr 2										
notified body nummer								gas.be:2013		
certification date								6-5-2025		
production year								2025		
Energy efficiency classificatio										
										
								System 3		

11 IDENTIFICATION PLATE WOODY AIR 6

Product: Woody Air 6			DOP-TLF201030006-01			<div>CE</div>	
<div><div><div>Pnom6,4kW</div><div>ηnom82,0%</div><div>ηS73%</div><div>ϕf,g nom5,2g/s</div><div>pnom12Pa</div></div><div><div>Type of appliancesType B</div><div>FUEL</div></div></div>			<div></div> <div>* meaning "read and follow the user operating instructions"</div>			gas.be:2013 <div>6-5-2025</div>	
<div><div><div>COnom(13 % O2)625</div><div>NOxnom(13 % O2)75</div><div>OGCnom(13 % O2)53</div><div>PMnom(13 % O2)28</div></div><div>mg/m3</div></div>			<div><div><div>Tsnom258°C</div><div>TclassT450/T600-</div></div><div><div>the minimum distances from the rear to combustible material, rounded to the nearest integer</div><div><div><div>dR150</div><div>dS500</div><div>dC1000</div><div>dp1000</div><div>dF150</div><div>dL150</div><div>dBna</div><div>dnonna</div><div>sna</div></div><div>mm</div></div></div></div>			<div><div>EN standard 1</div><div><div>EN 16510-1:2022</div><div>EN 16510-2-1:2022</div><div>Defra</div></div></div>	
<div><div><div>m75kg</div><div>mchimnakeg</div><div><div>L, H, W</div><div>L=490 H=825 W=355</div><div>mm</div></div><div><div>dout150mm</div></div></div></div>			<div><div></div></div>			<div>certificate nr 2<div>H/2025/0008</div></div>	
Manufacturer Thermocet International B.V. Netherlands			2025			<div>Serialnumber:<div>1</div></div>	

12 TECHNICAL SPECIFICATIONS AND PARAMETERS WOODY AIR 8

Art. Nr. 201030008000		Product: Woody Air 8			DOP number		DOP-TLF201030008-01		
Parameter					Explanation parameter			Data	Unit
P _{nom}		the nominal heat output or a range of outputs (dependent on fuel types), rounded to the nearest one decimal place						7,6	kW
η _{nom}		the appliance efficiency at nominal heat output, rounded to the nearest integer						80	%
η _s		the appliance seasonal space heating efficiency at nominal heat output, rounded to the nearest integer						71	%
EEI		the energy efficiency index, rounded to the nearest integer						107	-
(*) CO _{nom} (13 % O ₂)		CO emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer						1092	mg/m ³
(*) NO _{xnom} (13 % O ₂)		NOx emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer						138	mg/m ³
(*) OGC _{nom} (13 % O ₂)		hydrocarbon emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer						89	mg/m ³
(*) PM _{nom} (13 % O ₂)		particulate matter emission at 13 % oxygen content at nominal heat output, rounded to the nearest integer						39	mg/m ³
P _{nom}		minimum flue draught at nominal heat output, rounded to the nearest integer						12	Pa
d _R		the minimum distances from the rear to combustible material, rounded to the nearest integer						100	mm
d _S		the minimum distances from the sides to combustible material, rounded to the nearest integer						500	mm
d _C		the minimum distances from the top to combustible material in the ceiling, rounded to the nearest integer						1000	mm
d _P		the minimum distances from the front to combustible material, rounded to the nearest integer						1000	mm
d _F		the minimum distances from the front to combustible material in bottom front radiation area, rounded to the nearest integer						150	mm
d _L		the minimum distances from the front to combustible material in side front radiation area, rounded to the nearest integer						150	mm
d _B		the minimum distances below the bottom (not regarding feet) to combustible material, rounded to the nearest integer						na	mm
d _{non}		the minimum distances to non-combustible walls, rounded to the nearest integer						na	mm
S		Protective insulation according to manufacture r’s instructions						na	mm
T _{snom}		the flue gas outlet temperature at nominal heat output, rounded to the nearest integer						270	°C
T _{class}		Chimney designation according to the appropriate chimney standard						T450/T600	-
φ _{f,g nom}		the flue gas mass flow at nominal heat output, rounded to the nearest one decimal place						6,5	g/s
CON or INT		whether the appliance is capable of continuous operation (CON), whether the appliance is capable of intermittent operation (INT)						INT	Operation
d _{out}		the diameter of the flue gas outlet, rounded to the nearest integer						150	mm
L, H, W		the overall dimensions of the appliance (length, height, width), rounded to the nearest integer						L=600 H=925 W=355	mm
m		Mass of the appliance, rounded to the nearest integer						90	kg
M _{chim}		the maximum load of a chimney the appliance may carry, to be rounded to the nearest integer						na	kg
		* meaning “read and follow the user operating instructions”							-
Manufacturer								Thermocet International B.V. Netherlands	
Type of appliances	Room-Sealed	Leakage declaration	Combustion air supply connection	Door closure	Tightness requirement				
Type B	-	No	No specific requirement	No specific requirement	No specific requirement				
	Fuel Wood								
	Conformité Européenne Norm								
EN standard 1									
EN standard 2							EN 16510-1:2022		
EN standard 3							EN 16510-2-1:2022		
EN standard 4									
							certificate nr 1	H/2025/0009	
							certificate nr 2		
							notified body nummer	gas.be:2013	
							certification date	14-5-2025	
							production year	2025	
							Energy efficiency classificatio	A+	
							System 3		

13 IDENTIFICATION PLATE WOODY AIR 8

Product: Woody Air 8			DOP-TLF201030008-01			<div>CE</div>	
<div><div><div>Pnom7,6kW</div><div>ηnom80,0%</div><div>ηS71%</div><div>ϕf,g nom6,5g/s</div><div>pnom12Pa</div></div><div>Type of appliancesType B</div><div>FUEL</div></div>			<div></div> <div>* meaning "read and follow the user operating instructions"</div>			gas.be:201314-5-2025	
<div><div><div>COnom(13 % O2)1092</div><div>NOxnom(13 % O2)138</div><div>OGCnom(13 % O2)89</div><div>PMnom(13 % O2)39</div></div><div>mg/m3</div></div>			<div><div><div>Tsnom270°C</div><div>TclassT450/T600-</div></div><div>the minimum distances from the rear to combustible material, rounded to the nearest integer</div><div><div><div>dR100</div><div>dS500</div><div>dC1000</div><div>dp1000</div><div>dF150</div><div>dL150</div><div>dBna</div><div>dnonna</div><div>sna</div></div><div>mm</div></div></div>			<div>EN standard 1</div> <div>EN 16510-1:2022</div> <div>EN 16510-2-1:2022</div>	
<div><div><div>m90kg</div><div>mchimnakeg</div></div><div>L, H, WL=600H=925W=355mm</div><div>dout150mm</div></div>			<div></div>			certificate nr 2H/2025/0009	
ManufacturerThermocet International B.V. Netherlands			2025			Serialnumber: 1	

14 INFORMATION ABOUT DISPOSING OF THE APPLIANCE

- 1 Dispose of a discarded or obsolete appliance according to the instructions of the government authorities or the installer.
- 2 The information in this paragraph is informative. Always follow national and local regulations for recycling and disposing of the appliance or parts of the appliance.
- 3 Before disassembling and disposing of the appliance, remove the ashes and unburned fuel from the appliance. Dispose of the ash as general waste. Do not dispose of ash as organic waste.

Appliance parts	Material	Recycling/disposal
Combustion chamber interior (see Appendix 5)	Vermiculite	Vermiculite that has been in contact with combustion gases cannot be reused or recycled. Dispose of as general waste
Combustion chamber	Steel	Discard as metal waste
Glass panel	Ceramic glass	Dispose of as general waste or ceramic waste. Do not dispose of as glass waste
Main part of the appliance	Steel	Discard as metal waste
Side walls and door	Steel	Discard as metal waste

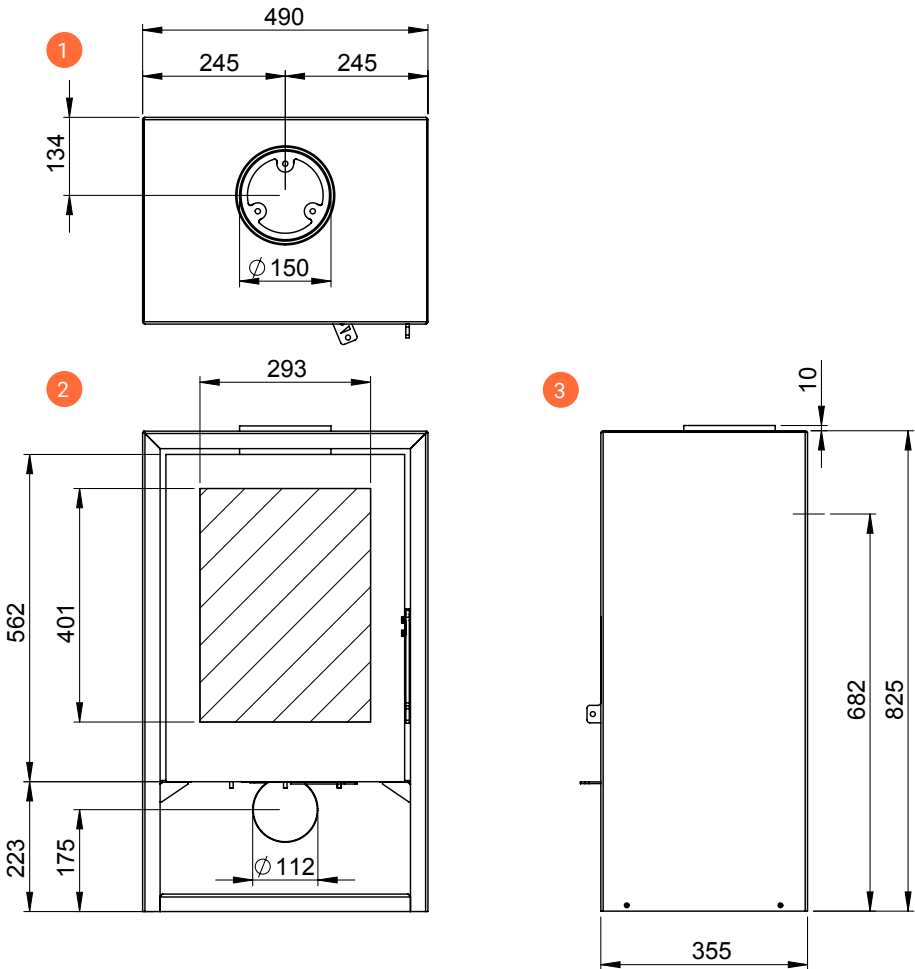
14.1 Reuse

The appliance is packed in packaging material that can be reused. This must be disposed of in accordance with local and national regulations regarding waste disposal. The glass cannot be reused. Dispose of the glass as general waste or ceramic waste. Refractory glass has a higher melting temperature and therefore cannot be recycled. By ensuring refractory glass does not end up with recyclable glass, you make an important contribution to the environment.

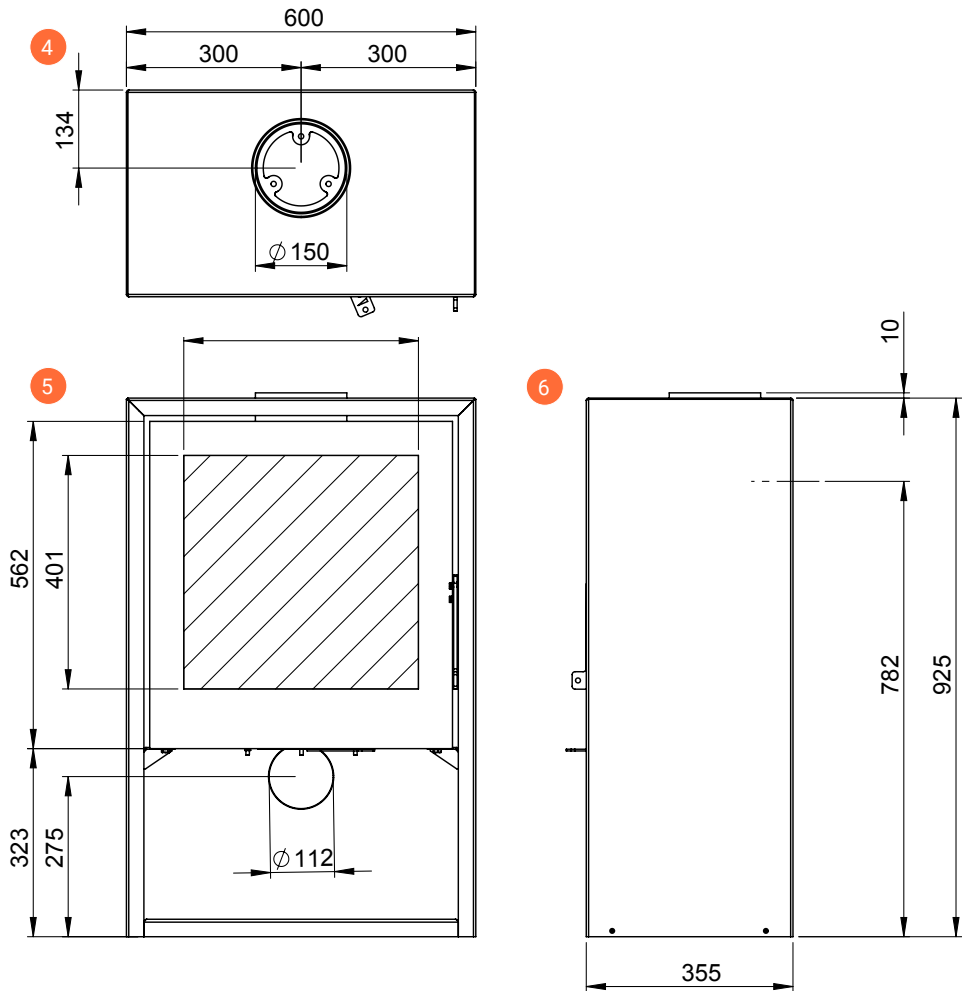
Appendix 1 DIMENSIONAL DRAWINGS

Dimensions in mm

Woody Air 6

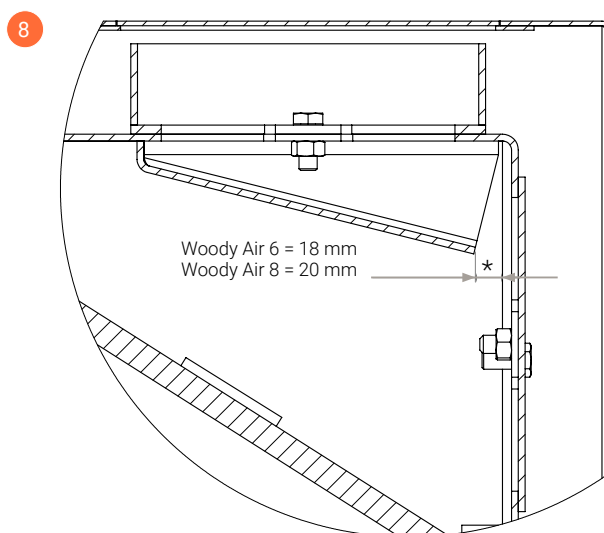
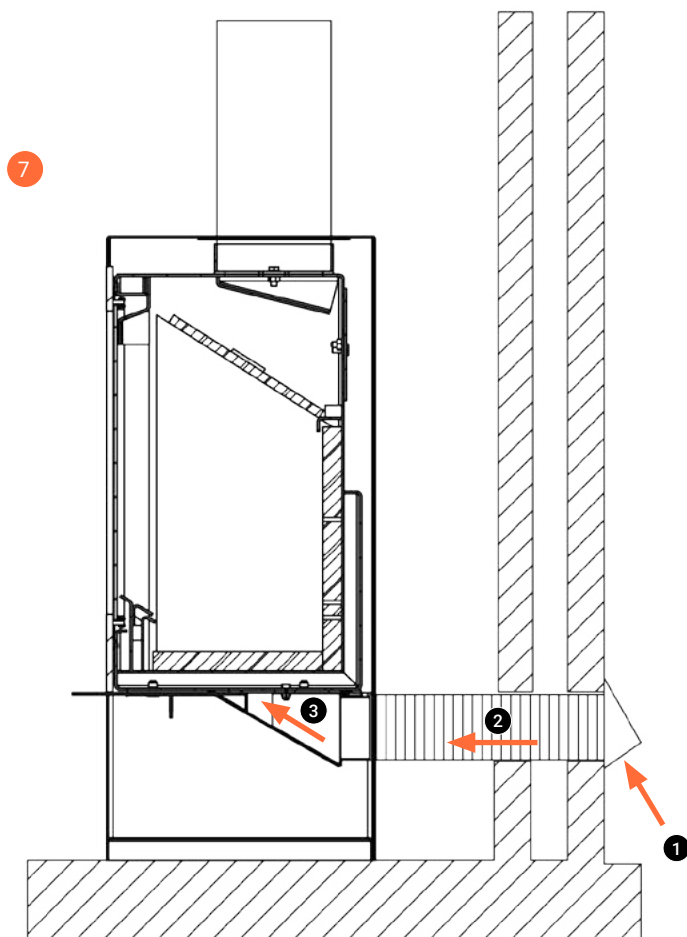


Woody Air 8



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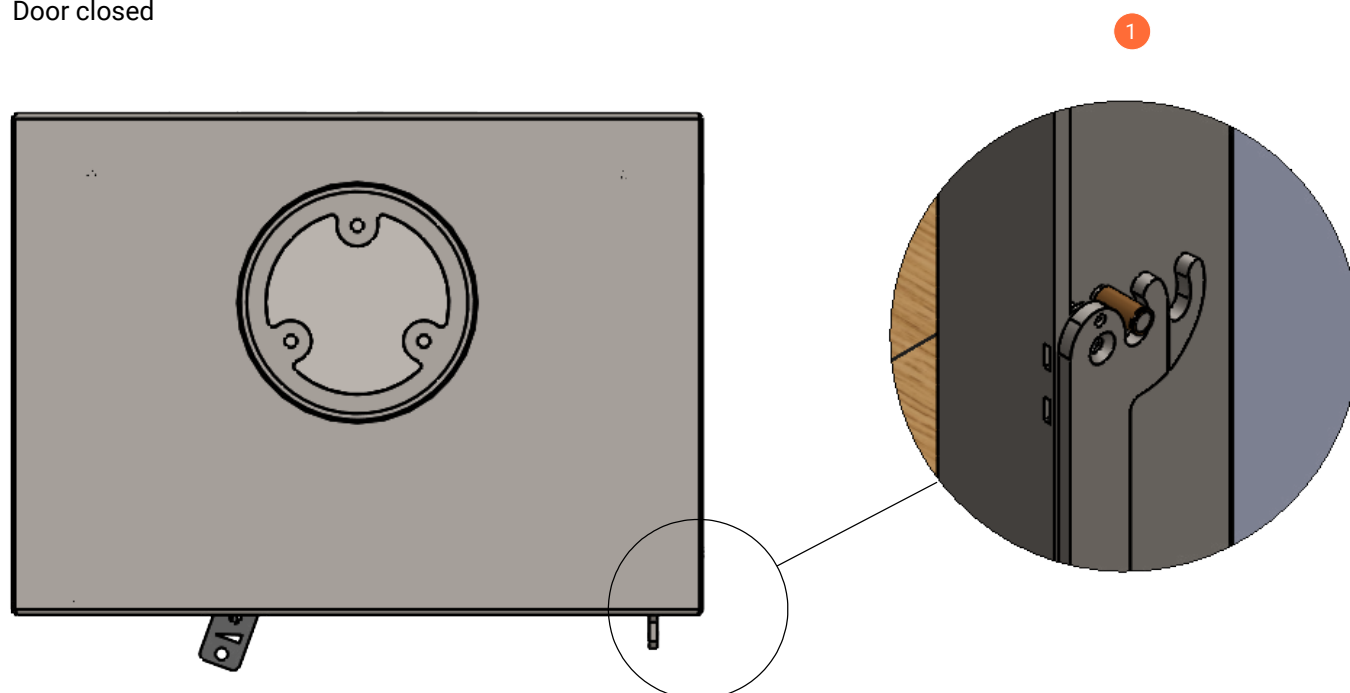




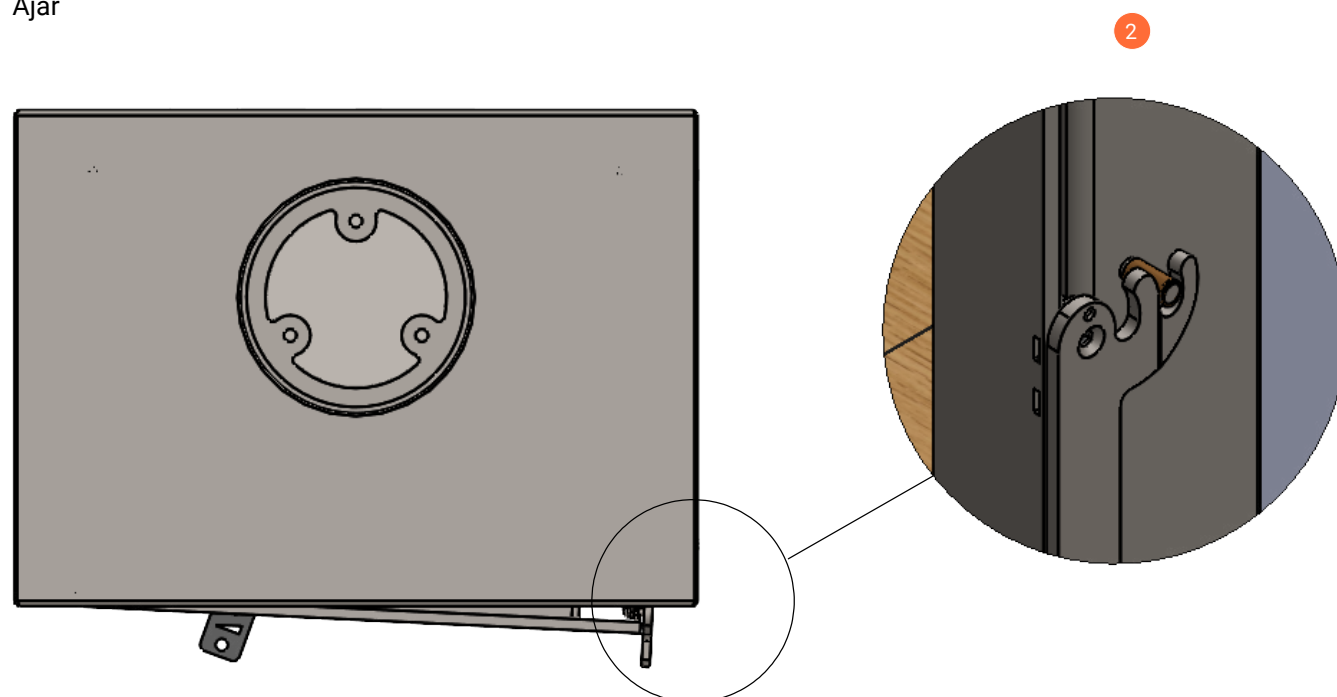
* CE approval position

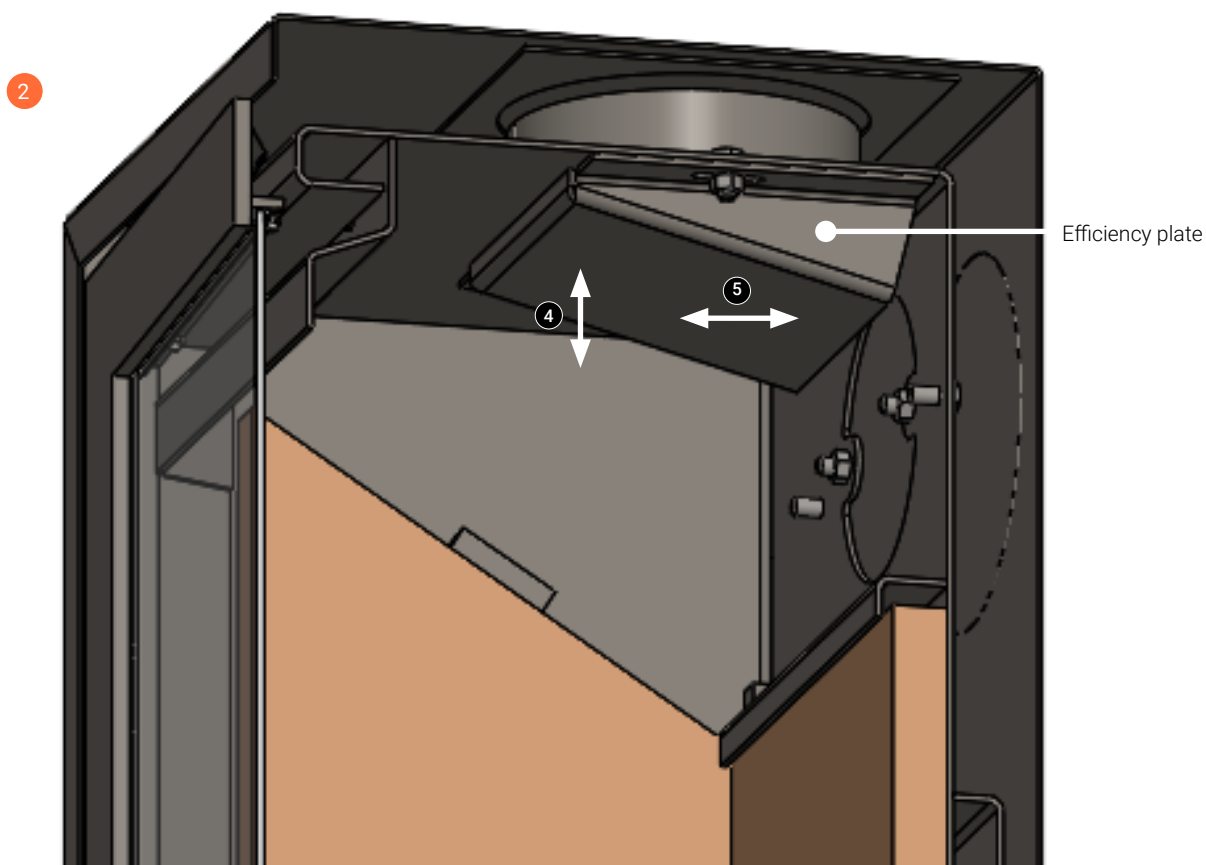
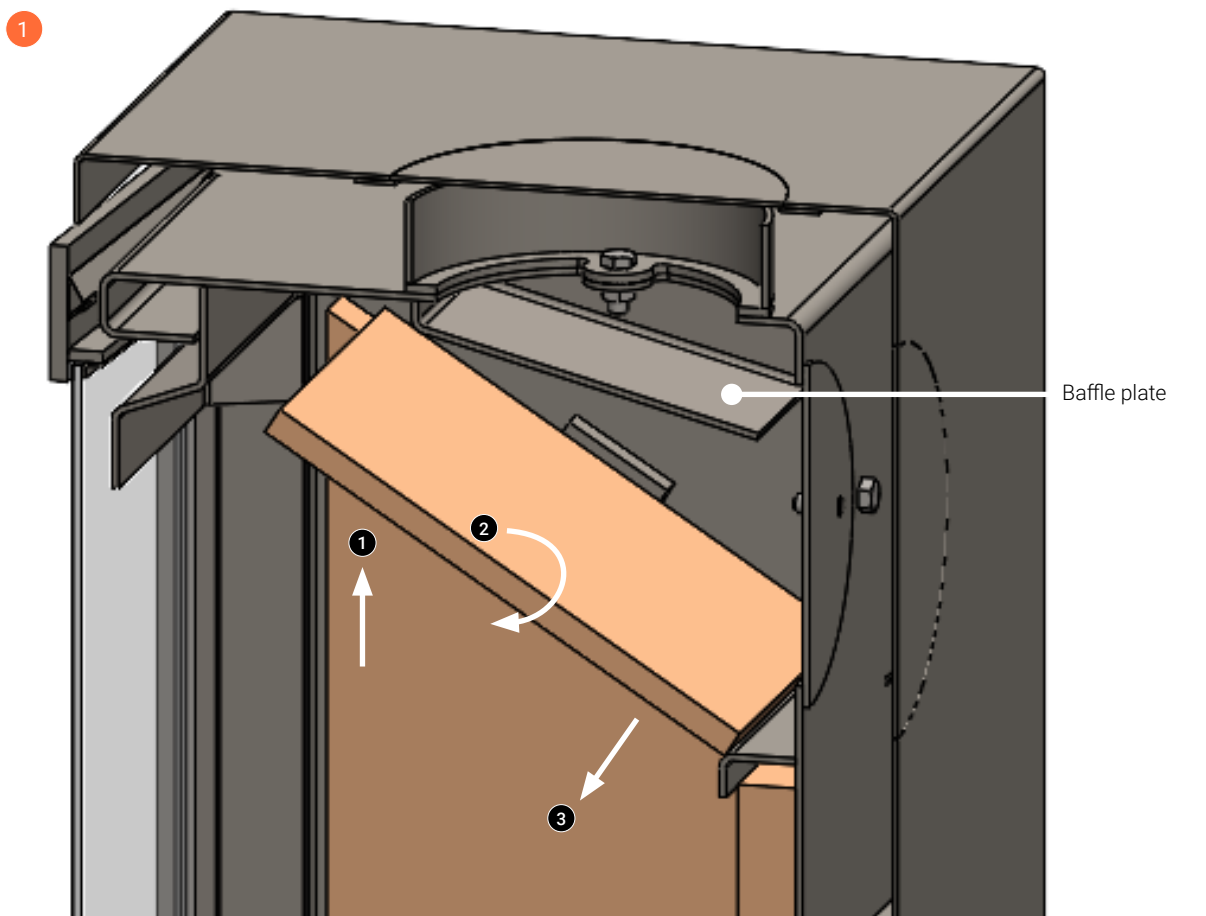
Appendix 2 DOOR CLOSED AND AJAR

Door closed



Ajar

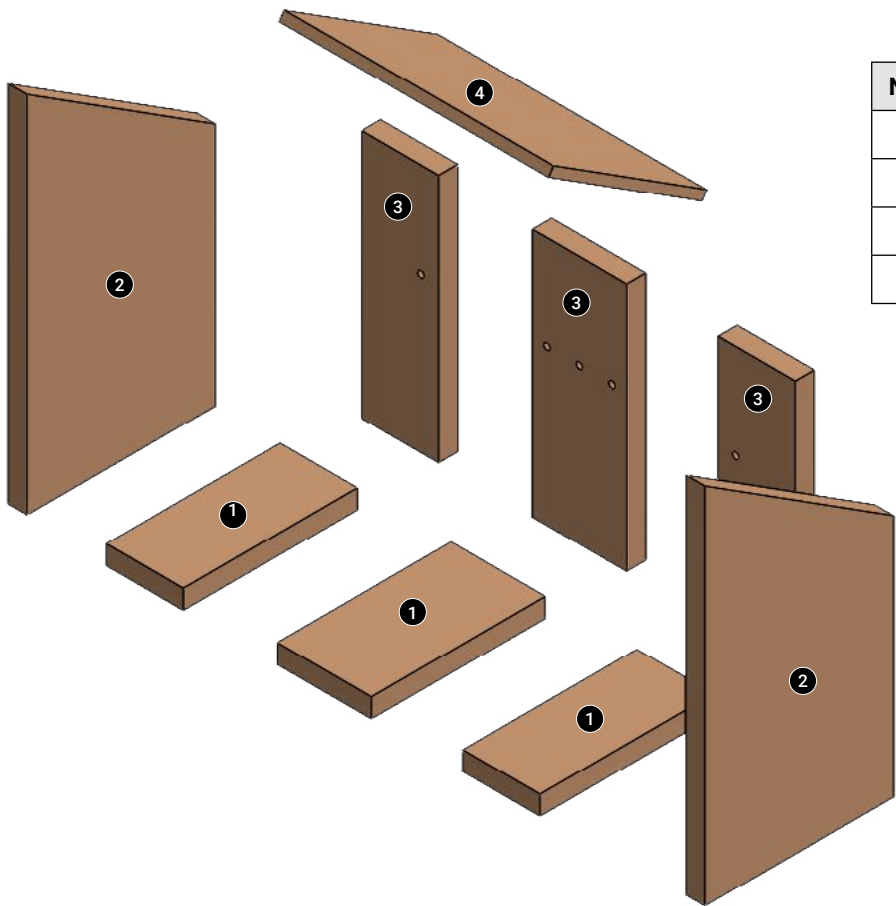
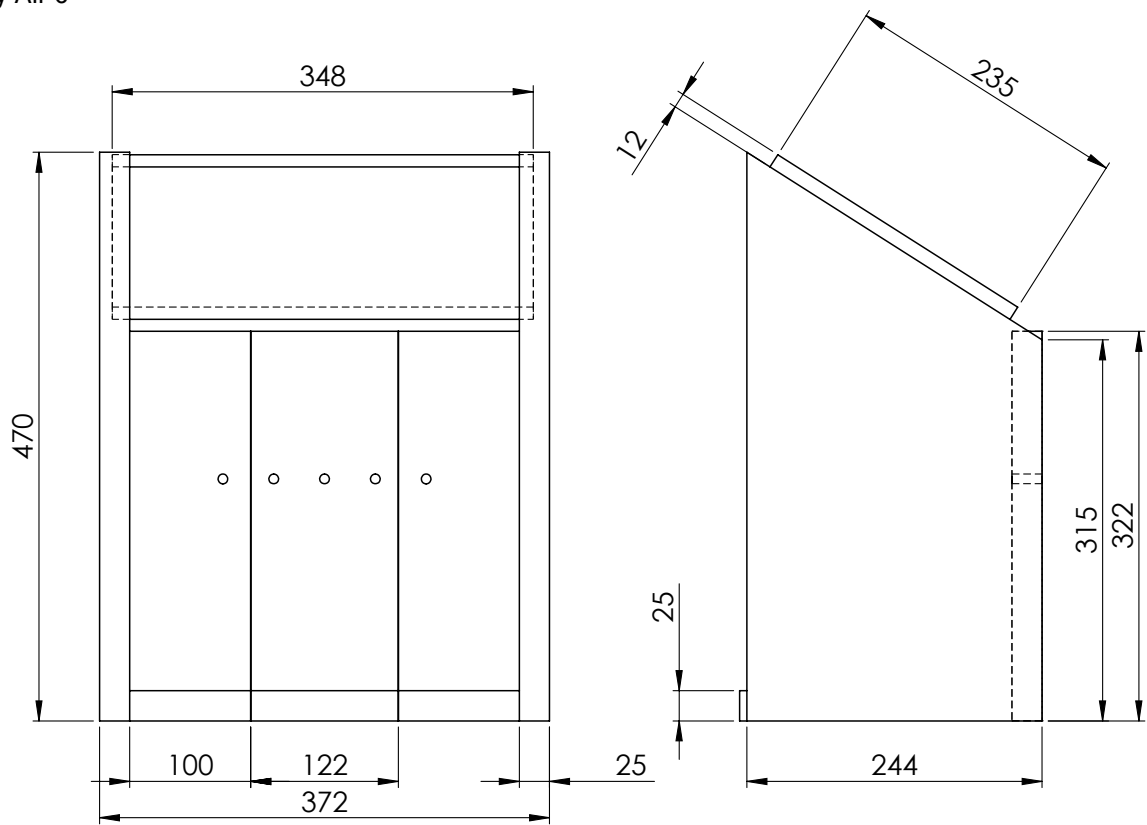




Appendix 4 DIMENSIONAL DRAWINGS INTERIOR PLATES

Dimensions in mm

Woody Air 6



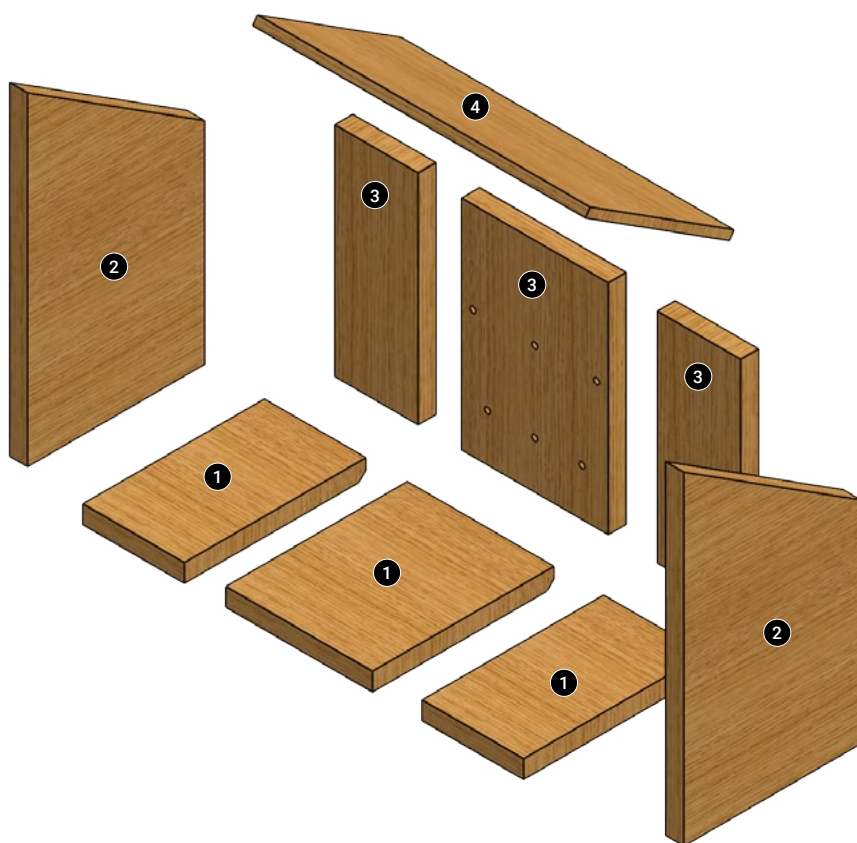
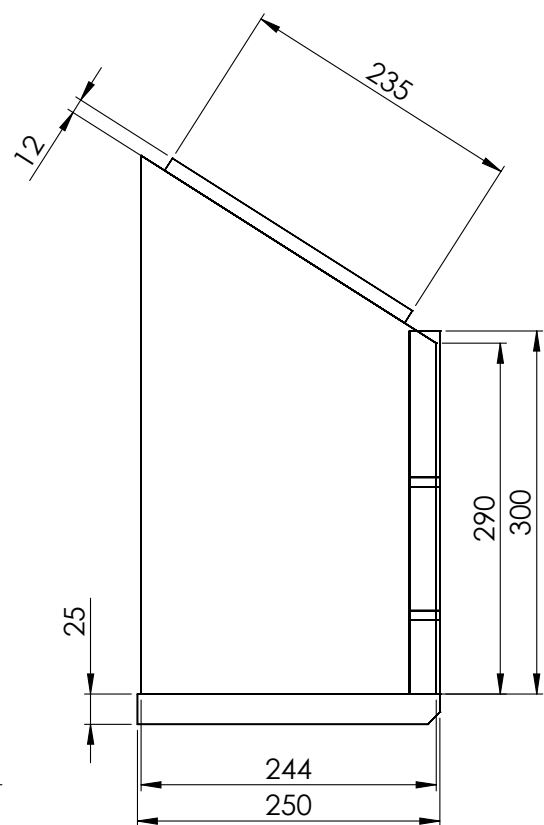
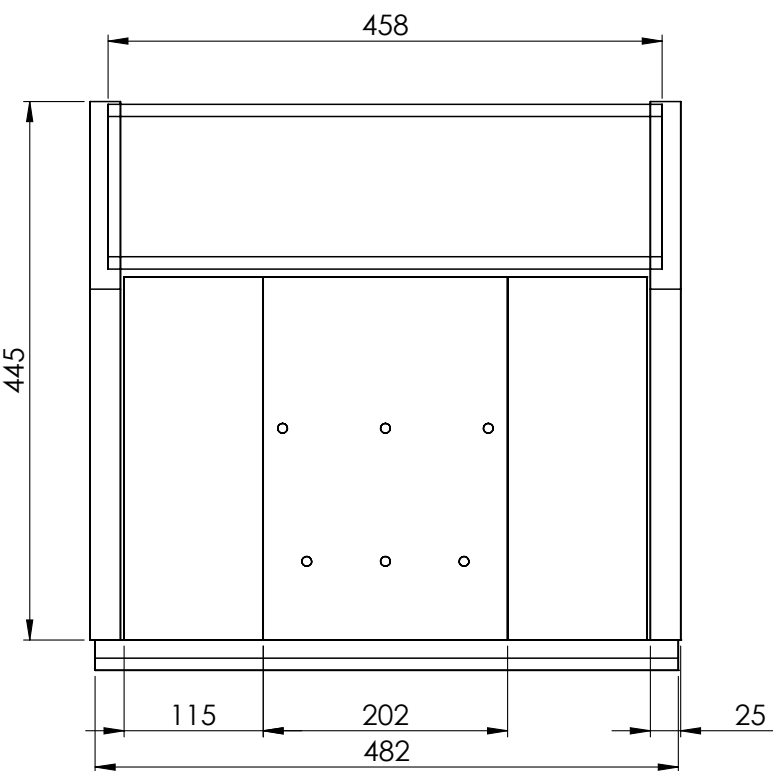
Number	Description
1	Base plate (per set of 3)
2	Side panel (per set of 2)
3	Rear panel (per set of 3)
4	Baffle plate



Appendix 4 CONTINUED

Dimensions in mm

Woody Air 8



Number	Description
1	Base plate (per set of 3)
2	Side panel (per set of 2)
3	Rear panel (per set of 3)
4	Baffle plate

Appendix 5 INSTALLATION INFORMATION, SERVICE AND MAINTENANCE LOGBOOK

Installation information		
Name		
Address		
Appliance serial number		
Date of purchase		
Comments		


Service and maintenance logbook		
Service date	Performed by	Work activities performed



Appendix 6 DECLARATION OF PERFORMANCE

Declaration of performance

According to Regulation (EU) 305/2011

Unique identification code of the product-type:	Woody Air 6	 DOP-TLF201030006-01
Intended use of the construction product, in accordance with the harmonized technical specification	Solid fuel-fired space heating without hot water supply	
Contact address of the manufacturer	thermoCet International B.V. Laagerfseweg 27 3931 PC Woudenberg Nederland	
The system(s) for the assessment and verification of the constancy of performance of the construction product listed in Annex V of Regulation (EU) 305/2011	System 3	
Reference number and date of issue of the harmonized standard	gas.be:2013	6-5-2025
Notified body assessment document	H/2025/0008	

Harmonized standard	EN 16510-1:2022	EN 16510-2-1:2022
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Declared performance

Product: Roomheaters for solid fuel				
Intended use: Space heating in residential buildings				
Essential characteristics	Clauses of this European Standard related to essential characteristics		Classes and/or threshold levels	Notes
Mechanical resistance and stability				
Load bearing capacity	4.1	mchim	na	Given in kg

Safety in case of fire

Protection of combustible materials	4.2	dB	na	Minimum distance to combustible materials – bottom (dB) in mm
	4.2	dF	150	Minimum distance to combustible materials – floor in front (dF) in mm
		dC	1000	Minimum distance to combustible materials – ceiling (dC) in mm
		dR	150	Minimum distance to combustible materials – rear (dR) in mm * see manual chapter 3
		dS	500	Minimum distance to combustible materials – side (dS) in mm
		dL	150	Minimum distance to combustible materials – side radiation area (dL) in mm
		dp	1000	Minimum distance to adjacent combustible materials (e.g. furniture) dP in mm
		s	na	Material type and thickness of protective insulation material (s) in mm (if any)

Hygiene, health and the environment

At nominal heat output:				
Carbon monoxide emission(CO)	4.3	CO _{nom} (13 % O ₂)	625	mg/m ³
Nitrogen oxides (NOx) emissions	4.4	NO _{xnom} (13 % O ₂)	75	mg/m ³
Emission of organic gaseouscarbon (OGC)	4.5	OGC _{nom} (13 % O ₂)	53	mg/m ³
Particulate matter emissions(PM)	4.6	PM _{nom} (13 % O ₂)	28	mg/m ³

Safety and accessibility in use

Data for installation to a chimney at nominal heat output:				
Flue gas outlet temperature	4.7.2	T _{snom}	258	°C
Minimum flue draught	4.7.4	p _{nom}	12	Pa
Flue gas mass flow	4.7.6	φ _{f,g nom}	5,2	g/s
Data for installation to a chimney regarding fire safety on safety test heat output:				
Fire safety of installation to the chimney	4.7.8	T _{class}	T450/T600	
Energy economy and heat retention				
Appliance's thermal output and energy efficiency at nominal heat output:				
Space heat output	4.8.1	P _{nom}	6,4	kW
Efficiency	4.8.3	η _{nom}	82	%
Space heating efficiency				
Seasonal space heatingefficiency at appliance's nominal heat output	4.8.7	η _S	73	%
Energy efficiency	4.8.8	EEI	109,9	Energy efficiency index
Energy efficiency classification determined according to 4.8.8, Table 7		Energy Class	A+	Energy efficiency class
Sustainable use of natural resources				
Environmental sustainability	4.9		<input checked="" type="checkbox"/>	Environmental sustainability elements to be declared according to 4.9
Articles 36 to 38 of Regulation (EU) No 305/2011.			<input checked="" type="checkbox"/>	

The performance of the above product is in conformity with the declaration. For the issuance of the declaration of performance in accordance with Regulation (EU) No 305/2011, only the manufacturer mentioned above is responsible.

Signed on behalf of the manufacturer by:
Tjarco Jilesen, CEO
March 2024




V191225

Appendix 6 CONTINUED

Declaration of performance

According to Regulation (EU) 305/2011

Unique identification code of the product-type:	Woody Air 8	 DOP-TLF201030008-01
Intended use of the construction product, in accordance with the harmonized technical specification	Solid fuel-fired space heating without hot water supply	
Contact address of the manufacturer	thermoCet International B.V. Laagerfseweg 27 3931 PC Woudenberg Nederland	
The system(s) for the assessment and verification of the constancy of performance of the construction product listed in Annex V of Regulation (EU) 305/2011	System 3	
Reference number and date of issue of the harmonized standard	gas.be:2013	14-5-2025
Notified body assessment document	H/2025/0009	
Harmonized standard	EN 16510-1:2022	EN 16510-2-1:2022

Declared performance

Product: Roomheaters for solid fuel			
Intended use: Space heating in residential buildings			
Essential characteristics	Clauses of this European Standard related to essential characteristics	Classes and/or threshold levels	Notes

Mechanical resistance and stability

Load bearing capacity	4.1	mchim	na	Given in kg
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Safety in case of fire

Protection of combustible materials	4.2	dB	na	Minimum distance to combustible materials – bottom (dB) in mm
	4.2	dF	150	Minimum distance to combustible materials – floor in front (dF) in mm
		dC	1000	Minimum distance to combustible materials – ceiling (dC) in mm
		dR	100	Minimum distance to combustible materials – rear (dR) in mm * see manual chapter 3
		dS	500	Minimum distance to combustible materials – side (dS) in mm
		dL	150	Minimum distance to combustible materials – side radiation area (dL) in mm
		dp	1000	Minimum distance to adjacent combustible materials (e.g. furniture) dP in mm
		s	na	Material type and thickness of protective insulation material (s) in mm (if any)

Hygiene, health and the environment

At nominal heat output:				
Carbon monoxide emission(CO)	4.3	CO _{nom} (13 % O ₂)	1092	mg/m ³
Nitrogen oxides (NOx) emissions	4.4	NO _{xnom} (13 % O ₂)	138	mg/m ³
Emission of organic gaseous carbon (OGC)	4.5	OGC _{nom} (13 % O ₂)	89	mg/m ³
Particulate matter emissions(PM)	4.6	PM _{nom} (13 % O ₂)	39	mg/m ³

Safety and accessibility in use

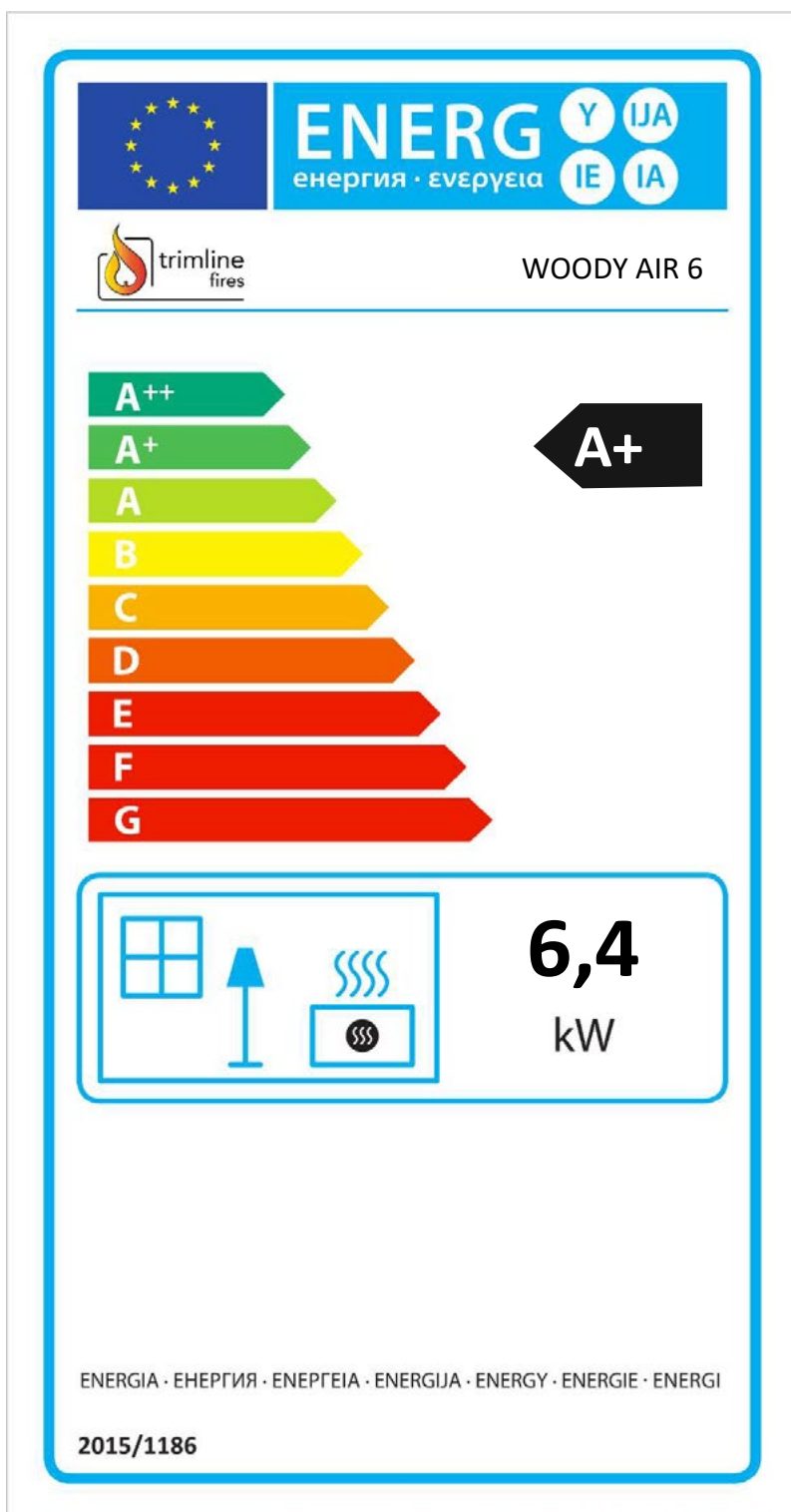
Data for installation to a chimney at nominal heat output:				
Flue gas outlet temperature	4.7.2	T _{snom}	270	°C
Minimum flue draught	4.7.4	p _{nom}	12	Pa
Flue gas mass flow	4.7.6	φ _{f,g nom}	6,5	g/s
Data for installation to a chimney regarding fire safety on safety test heat output:				
Fire safety of installation to the chimney	4.7.8	T _{class}	T450/T600	
Appliance's thermal output and energy efficiency at nominal heat output:				
Space heat output	4.8.1	P _{nom}	7,6	kW
Efficiency	4.8.3	η _{nom}	80	%
Space heating efficiency				
Seasonal space heating efficiency at appliance's nominal heat output	4.8.7	η _S	71	%
Energy efficiency	4.8.8	EEI	107	Energy efficiency index
Energy efficiency classification determined according to 4.8.8, Table 7		Energy Class	A+	Energy efficiency class
Sustainable use of natural resources				
Environmental sustainability	4.9		<input checked="" type="checkbox"/>	Environmental sustainability elements to be declared according to 4.9
Articles 36 to 38 of Regulation (EU) No 305/2011.			<input checked="" type="checkbox"/>	

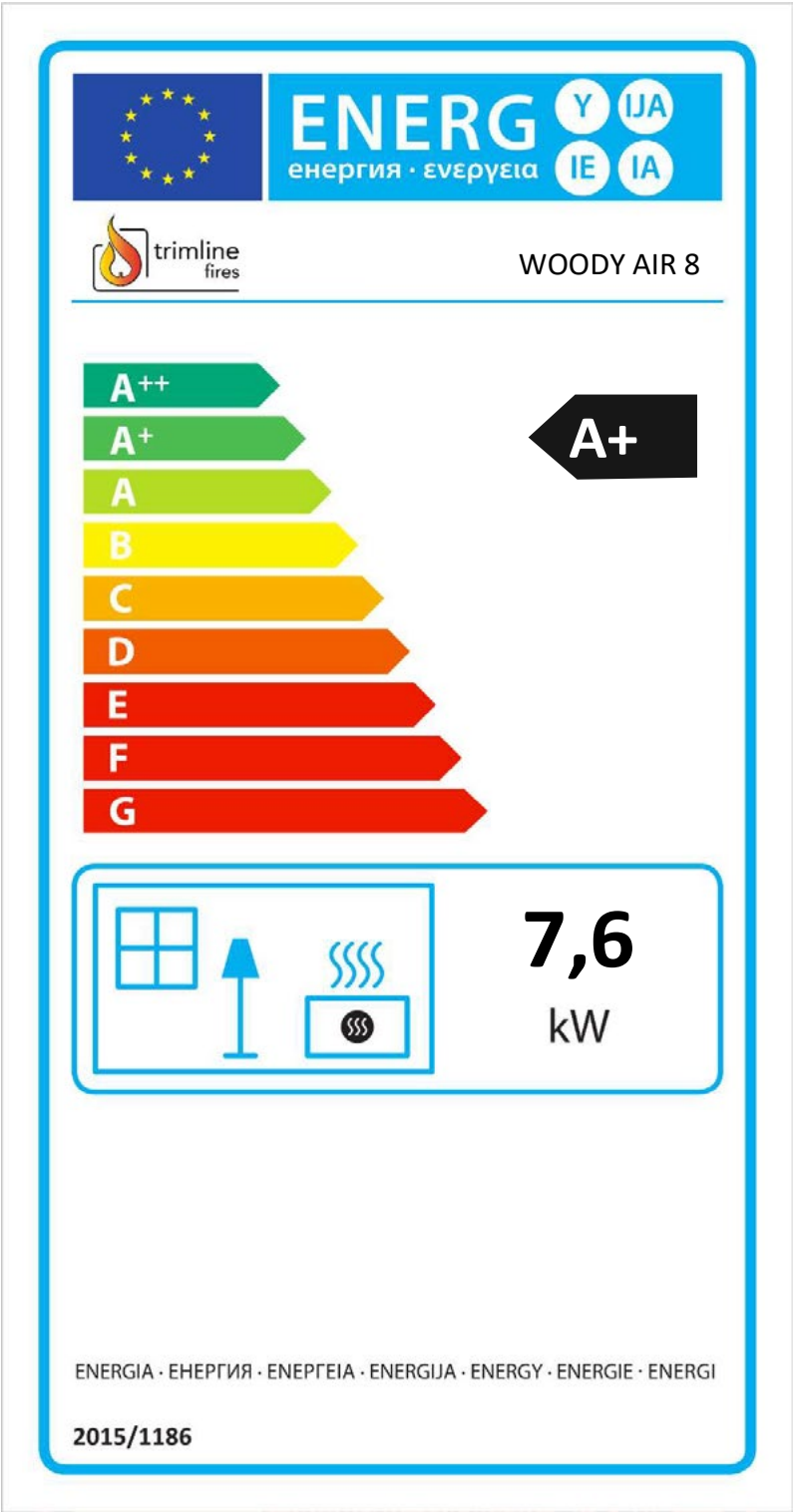
The performance of the above product is in conformity with the declaration. For the issuance of the declaration of performance in accordance with Regulation (EU) No 305/2011, only the manufacturer mentioned above is responsible.

Signed on behalf of the manufacturer by:
Tjarco Jilesen, CEO
March 2024



V191225







Trimline product data sheet	Woody Air 6
Product data sheet in accordance with regulation according to (EU) 2015/1186	
The information on the product data sheet of the space heater appliance is provided in the order listed below and included in the product brochure or other written information supplied with the product.	


Manufacturer	thermoCet International B.V. Netherlands
Indication type	Woody Air 6
Energy efficiency class	A+
Direct heat output	6,4
Indirect heat output	n.v.t.
Energy Efficiency Index (EEI)	109,9
Useful efficiency at nominal heat output	82
Any specific precautions to be taken when assembling, installing or maintaining the space heater.	Fire safety measures such as safety distances: when installing, national standards, local codes and regulations. Read the installation and operating instructions
thermoCet International B.V. Laagerfseweg 27 3931 PC Woudenberg Netherlands	




Trimline product data sheet	Woody Air 8
Product data sheet in accordance with regulation according to (EU) 2015/1186	
The information on the product data sheet of the space heater appliance is provided in the order listed below and included in the product brochure or other written information supplied with the product.	

Manufacturer	thermoCet International B.V. Netherlands
Indication type	Woody Air 8
Energy efficiency class	A+
Direct heat output	7,6
Indirect heat output	n.v.t.
Energy Efficiency Index (EEI)	107
Useful efficiency at nominal heat output	80
Any specific precautions to be taken when assembling, installing or maintaining the space heater.	Fire safety measures such as safety distances: when installing, national standards, local codes and regulations. Read the installation and operating instructions
thermoCet International B.V. Laagerfseweg 27 3931 PC Woudenberg Netherlands	



 Product information according to Regulation (EU) 2015/1185 – Technical documentation (EU) 2015/1186													
Manufacturer			Thermocet International B.V. Netherlands			ECO DESIGN							
Indication type			Woody Air 6										
Equivalent models													
Harmonised standard			EN 16510-1:2022			EN 16510-2-1:2022							
Laboratory			gas. be:2013										
Laboratory address			gas.be: Place Masui 29-1000 Brussel										
Laboratory report			H/2025/0008										
Indirect heating functionality			no										
Direct heat output			6,4 kW										
Indirect heat output			x kW										
Fuel			Preferred fuel (one only):	Other suitable fuels	Space heating output at nominal heat output (*) [mg/Nm ³ (13%O ₂)				Space heating output at minimum heat output (*) (**) [mg/Nm ³ (13%O ₂)				
					PMnom	OGCnom	COnom	NOXnom	PMslow	OGCslow	Coslow	NOxslow	
Chopped logs, moisture content less than 25%			yes	no	28	53	625	75	n/a	n/a	n/a	n/a	
Compressed wood, moisture content less than 12%			no	no									
Other wooden materials			no	no									
Non-wooden biomass			no	no									
Anthracite and lean coal			no	no									
Hard cokes			no	no									
Low temperature cokes			no	no									
Bituminous coal			no	no									
Brown coal briquettes			no	no									
Peat briquettes			no	no									
Briquettes of mixed fossil fuels			no	no									
Other fossil fuels			no	no									
Briquettes of biomass mixed with fossil fuels			no	no									
Other mixtures of biomass and fossil fuels			no	no									
Characteristics when using only the preferred fuel													
Seasonal energy efficiency for space heating			ηs	73	%								
Energy Efficiency Index (EEI)		109,9											
Energy efficiency class		A+											
Heat output													
Symbol		Value	Unit	Useful efficiency (NCV as received)					Symbol	Value	Unit		
Nominal heat output		Pnom	6,4 kW	Useful efficiency at nominal heat output					ηth,nom	82	%		
Minimum heat output (indicative)		Pmin	n/a kW	Useful efficiency at minimal heat output (indicative)					ηth,min	n.v.t.	%		
Supplementary electricity consumption				Heat output type/room temperature control(one)									
For nominal heat output		eImax	n/a kW	Single heat output, no control of room temperature								no	
For minimal heat output		eImin	n/a kW	Two or more manually-adjustable stages, no control of the room temperature								yes	
In stand-by-mode		elsb	n/a kW	With mechanical control of room temperature by thermostat								no	
Power requirement for the permanent pilot flame				With electronic control of room temperature									no
Power requirement for the permanent pilot flame (if applicable)		P pilot	n/a kW	With electronic control of room temperature plus day-time switch								no	
				With electronic control of room temperature plus week-time switch								no	
				Other control options (multiple selections possible)									
				Control of room temperature, with presence detection								no	
				Room temperature control, with open window detection								no	
				With the option of remote control								no	
Contact details		thermoCet International B.V. Laagerfseweg 27 3931 PC Woudenberg Netherlands						www.thermoCet.nl					
PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NOx = nitrous oxides (**). (**) Required only if correction factor F(2) or F(3) is used.													

 Product information according to Regulation (EU) 2015/1185 – Technical documentation (EU) 2015/1186																																				
Manufacturer			Thermocet International B.V. Netherlands			<h2 style="text-align: center;">ECO DESIGN</h2>																														
Indication type			Woody Air 8																																	
Equivalent models																																				
Harmonised standard			EN 16510-1:2022			EN 16510-2-1:2022																														
Laboratory			gas. be:2013																																	
Laboratory address			gas.be: Place Masui 29-1000 Brussel																																	
Laboratory report			H/2025/0008																																	
Indirect heating functionality			no																																	
Direct heat output			6,4 kW																																	
Indirect heat output			x kW																																	
<h3 style="text-align: center;">Fuel</h3>			Preferred fuel (one only):	Other suitable fuels	Space heating output at nominal heat output (*) [mg/Nm ³ (13%O ₂)				Space heating output at minimum heat output (*) (**) [mg/Nm ³ (13%O ₂)																											
					PM _{nom}	OGC _{nom}	CO _{nom}	NO _x _{nom}	PM _{slow}	OGC _{slow}	CO _{slow}	NO _x _{slow}																								
Chopped logs, moisture content less than 25%			yes	no	39	89	1092	138	n/a	n/a	n/a	n/a																								
Compressed wood, moisture content less than 12%			no	no																																
Other wooden materials			no	no																																
Non-wooden biomass			no	no																																
Anthracite and lean coal			no	no																																
Hard cokes			no	no																																
Low temperature cokes			no	no																																
Bituminous coal			no	no																																
Brown coal briquettes			no	no																																
Peat briquettes			no	no																																
Briquettes of mixed fossil fuels			no	no																																
Other fossil fuels			no	no																																
Briquettes of biomass mixed with fossil fuels			no	no																																
Other mixtures of biomass and fossil fuels			no	no																																
Characteristics when using only the preferred fuel																																				
Seasonal energy efficiency for space heating			η _s	73	%																															
Energy Efficiency Index (EEI)		107																																		
Energy efficiency class		A+																																		
<table border="1" style="width: 100%;"> <tr> <th>Heat output</th> <th>Symbol</th> <th>Value</th> <th>Unit</th> <th>Useful efficiency (NCV as received)</th> <th>Symbol</th> <th>Value</th> <th>Unit</th> </tr> <tr> <td>Nominal heat output</td> <td>P_{nom}</td> <td>7,6</td> <td>kW</td> <td>Useful efficiency at nominal heat output</td> <td>η_{th, nom}</td> <td>80</td> <td>%</td> </tr> <tr> <td>Minimum heat output (indicative)</td> <td>P_{min}</td> <td>n/a</td> <td>kW</td> <td>Useful efficiency at minimal heat output (indicative)</td> <td>η_{th, min}</td> <td>n.v.t.</td> <td>%</td> </tr> </table>													Heat output	Symbol	Value	Unit	Useful efficiency (NCV as received)	Symbol	Value	Unit	Nominal heat output	P _{nom}	7,6	kW	Useful efficiency at nominal heat output	η _{th, nom}	80	%	Minimum heat output (indicative)	P _{min}	n/a	kW	Useful efficiency at minimal heat output (indicative)	η _{th, min}	n.v.t.	%
Heat output	Symbol	Value	Unit	Useful efficiency (NCV as received)	Symbol	Value	Unit																													
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