User Manual EN (4-41)



Aduro P7

EN16510-2-6 – Ecodesign

aduro.dk / adurofire.com

Latest revision: 21.10.2026

Table of contents

Congratulations on your new Aduro Pellet Stove! 4

1. General 4

1.1 Compliance 4

1.2 Warnings and safety precautions 4

1.3 Technical data 6

1.4 Basic features of the pellet stove 7

1.5 Transportation and unpacking of the stove 8

1.6 Test-fired by the factory 8

2. Installation of the stove 9

2.1 Position of the stove and distance requirements 9

2.2 Flue pipe and chimney 10

2.3 Examples of flue pipes 12

2.4 Chimney draft 13

2.4.1 Excessive chimney draft 13

2.4.2 Insufficient chimney draft 13

2.5 External air supply 13

2.6 Electrical connection 15

3. Operating the stove 16

3.1 Control panel 16

3.2 First configuration with the remote control 17

3.3 Basic operation with the remote control 19

3.3.1 Turning the stove on and off 21

3.3.2 Menu navigation 21

3.4 Advanced operation 27

3.4.1 Calibrating the remote-control temperature sensor 27

3.4.2 Pellet air mix ratio 27

3.4.3 Stove status 28

3.4.4 Anti condensation 29

3.5 Aduro Pellet Control App 29

3.5.1 Configuration of the app 29

3.5.2 App features 29

3.6 Register your stove on Aduro IOT Cloud 30

4. Firing in the pellet stove 30

4.1 Wood pellets 30

4.2 Initial pellet load 31

4.3 Igniting the stove 31

5. Potential alarms 32
5.1 Signals and anomalies 32
5.2 Alarms and technical alarm messages 33
6. Cleaning and maintenance 36
6.1 Combustion chamber 36
6.2 Cleaning the ash pan and ash drawer 37
6.3 Cleaning the brazier 38
6.4 Cleaning the door glass 38
6.5 Cleaning the pellet container 39
6.6 Gaskets 39
6.7 Maintenance of the surface 39
6.8 Spare parts and unauthorized alterations 39
6.9 Mandatory service visit 40
6.10 Maintenance timetable 40
7. Accessories 40
8. Right of complaint 40
9. Disposal of your Aduro stove 41

Congratulations on your new Aduro Pellet Stove!

To get the best possible experience and benefit from your new Aduro Pellet Stove, it is important that you read the user manual thoroughly before you install the stove and start using it. Errors or incorrect settings can cause hazardous conditions and/or poor operation.

For further information, please go to adurofire.com.

Production number

On the back side of the stove you can find the production number. For the purposes of the warranty and for other enquiries, it is important that you are able to quote this number. Along the quick guide, which is delivered together with the stove, stickers with info for the Wi-Fi module is included.

HOW TO SUCCEED WITH YOUR NEW ADURO PELLET STOVE

In Aduro's Customer Service Center you will find tips and tricks on how to succeed with your new Aduro pellet stove. Here you will have direct access to interesting content about maintenance of your stove as well as support related information.



1. General

1.1 Compliance

The stove is built in compliance with standard EN16510-2-6, CE and the European Directive Ecodesign and is thereby approved for installation and use in Europe. Meanwhile, the manufacturing process is subject to external quality control. DoC (Declaration of Conformity) can be downloaded at adurofire.com.

1.2 Warnings and safety precautions

- We recommend that the installation and connection is carried out by an authorized service partner in compliance with local regulation, national and European standards and with the installation instructions.
- The combustion of waste, especially of plastic materials, damages the stove and the flue pipe. Moreover, it is forbidden by the law against the emission of harmful substances.
- Use only the fuel recommended by Aduro A/S. It is forbidden to use any liquid fuels and bioethanol fluids for lighting/rekindling pellets.
- **ATTENTION! DO NOT TOUCH THE DOOR, THE GLASS, THE HANDLE OR THE FLUE OUTLET DURING OPERATION IF NOT WEARING ADEQUATE PROTECTIVE DEVICES SINCE THEY BECOME EXTREMELY HOT.**
- Do not introduce a greater amount of pellets into the stove than the amount recommended (15 kg).

- It is forbidden to use the stove with the door open or the glass broken.
- Do not use the stove as, for example, a clothes' drying rack or bearing surface.
- Do not install the stove in bathrooms.
- **ATTENTION! This stove operates exclusively on pellets; DO NOT USE OTHER FUELS: any other material that may be burnt will result in failure and malfunction of the stove.**
- The lid to the pellet container must always be closed during use.
- Accumulated and unburned pellets in the brazier after "failed start-up" or alarms must be removed before lighting again. Check that the brazier is clean before igniting the stove.
- Use the stove only as described in this user manual. Any other use may cause fires or accidents to people.
- Make sure that the electrical power available corresponds to the value indicated on the data plate (230V~/50Hz).
- This stove can be used by children from age 15 years and older. Children must not play with the stove. Children should not carry out cleaning and maintenance without supervision.
- People with reduced physical, sensory or mental capabilities or lack of experience and knowledge can use the stove if they have been given supervision or instruction concerning use of the stove in a safe way and understand the hazards involved.
- Make sure children are not left unattended and do not use the stove as a toy.
- **Turn off the stove, disconnect it from the power supply and wait until it has cooled down completely before performing any maintenance operations. Pull the plug, not the cable.**
- Never block the combustion air inlets and flue outlets.
- Since the stove is fitted with electrical components, do not touch it with wet hands.
- **Do not use the stove in case of damaged cables or plugs. Should the power supply cable be damaged, it can be replaced only by the manufacturer or by an authorised service partner.**
- Do not place any object on the cable and do not bend it.
- Keep inflammable materials, such as furniture, cushions, pillows, blankets, paper, clothing, curtains, etc., at least 100 cm away from the stove front and from the stove sides.
- Do not immerse the cable, plug or any other stove component in water or other liquids.
- Do not use the stove in dusty environments or wherever inflammable vapours are generated (e.g. in a workshop or garage).
- The stove is fitted with components that generate arcs and sparks. Do not install the stove in areas posing a significant fire or explosion hazard due to a high chemical substance concentration or to a high humidity level.
- Do not use the stove close to bathtubs, showers, basins, sinks or swimming pools.
- Do not install the stove underneath an air vent.
- Do not install the stove outdoors.
- Do not repair, disassemble, or modify the stove. The stove is not fitted with components that can be repaired by users.
- Use only approved wood pellets in the pellet container which comply with the European standards in size Ø6 mm with a maximum length of 30 mm. See section 4.1. It is forbidden to use any liquid fuels and bioethanol fluids for igniting the wood pellets.
- **Keep the pellets in a fresh, dry place: storing pellets in a place that is damp or excessively cold may reduce the stove's potential heat output. Be careful when storing and handling pellet bags to prevent pellet crushing and consequent sawdust production.**
- The use of different types of pellets may result in a slight, sometimes even undetectable, change in the stove's efficiency. This change can be counterbalanced by increasing or decreasing the stove's heat output by only one step.
- **Clean the brazier on a regular basis upon every ignition or pellet refuelling.**

- Do not switch the stove on and off intermittently to avoid damaging its electrical and electronic components.
- Do not use liquid fuels.
- Use only original spare parts provided by Aduro A/S.
- Avoid any improper transfers or knocks that may damage the structure or the components.
- The stove is coated using high temperature paint. When using the stove for the first few times, unpleasant odours may be given off due to the paint curing: this is in no way dangerous and if it happens, simply ventilate the premises. After the first heating cycles, the paint will reach its maximum adhesion and all its chemical and physical features.
- To reload the pellet container, simply open the access lid and pour in the pellets. This can also be done during normal operation. Make sure not to come into contact with hot parts.
- Whenever the pellet container and the auger(s) become completely empty, the stove will be automatically switched off. Upon the next ignition, you must load pellets onto the auger (see section 4.2).
- We recommend that you install a smoke detector in the room where the stove is installed.
- We recommend letting the stove burn empty for pellets and clean it before a still stand period longer than 2 weeks – especially if the humidity is high.
- A service visit is mandatory and crucial to the functioning and safety of the stove (see section 6.9).
- **ATTENTION! If the stove is not installed properly, power outages may result in fume spillages. Under specific circumstances, an uninterrupted power supply unit must be installed.**

Aduro A/S declines all responsibility for any damage which may be caused, directly or indirectly, to persons, animals, or objects as due to non-compliance with any provision specified in the manual, especially warnings regarding installation, use, and maintenance of the stove.

The responsibility for improper use of the product is entirely borne by the user and relieves the manufacturer from any civil and criminal liability. Tampering or unauthorized replacement with non-original spare parts could be hazardous for the operator's safety and relieves the company from any civil and criminal liability.

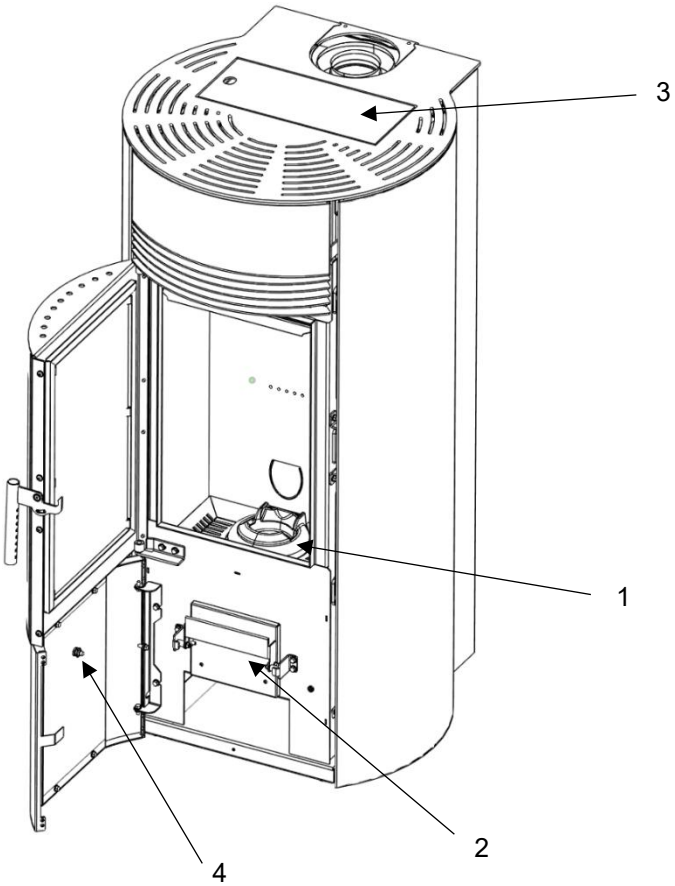
1.3 Technical data

Technical specifications Aduro P7		
Nominal power	3.0 kW	6.3 kW
Dimension (HxWxD)*	102 x 53 x 57 cm	
Weight	140 kg	
Fuel (dimensions)	Wood pellets (Ø6 mm L≈30 mm)	
Exhaust / Inlet	Ø80 / Ø50 mm	
Chimney draft	12±2 PA	
Pellet container capacity	15 kg	
Voltage	230V ± 15% / 50 Hz	
Electrical power during the operation	40 – 60W	
Electrical power during the initialization	400 – 460W	
Energy efficiency	94%	94.1%
Nominal use of pellet	0.68 kg/h	1.43 kg/h
Minimal use of pellet	0.68 kg	
CO emission reduced on 13%	<0.02%	<0.02%
Maximal exhaust gas temperature	89°C	112°C

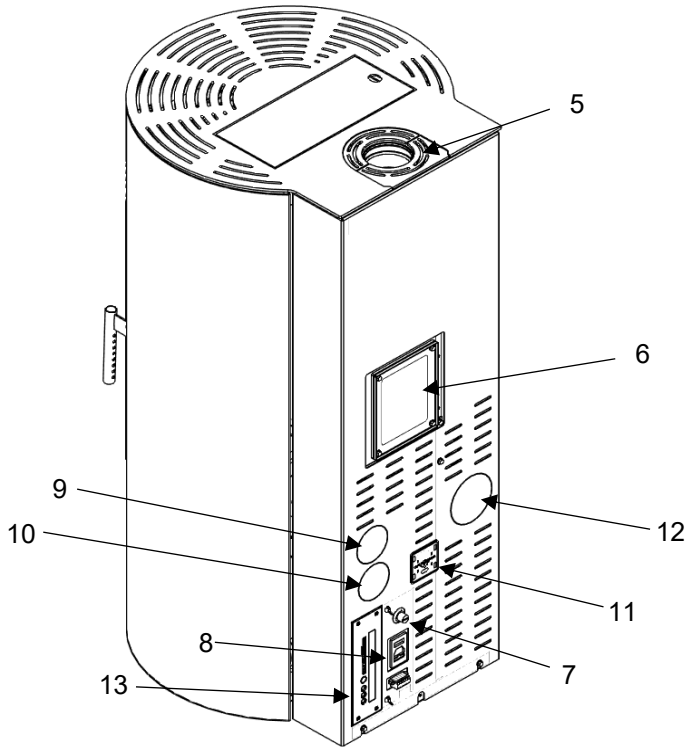
Dust content	<20 mg/m^3	<20 mg/m^3
Mass flow	3.0 g/s	4.6 g/s
Operating temperature	10 – 60°C	
Storage temperature	Max 65°C	
Energy efficiency index	133	
Energy efficiency class	A++ (A++ - G)	
SEER/Seasonal energy efficiency ratio	90.3 %	
Flue gas outlet temperature measured at 20 degrees room temperature	112	
CO mg/m^3	250	
OGC mg/m^3	35	
NOx mg/m^3	100	
Solid particles	20	
Chimney temperature class	T200	
Load bearing capacity	120 kg	
Stove type	B	

*See dimensional drawings on adurofire.com

1.4 Basic features of the pellet stove



1. Brazier
2. Ash collection chamber
3. Pellet container lid
4. Door sensor



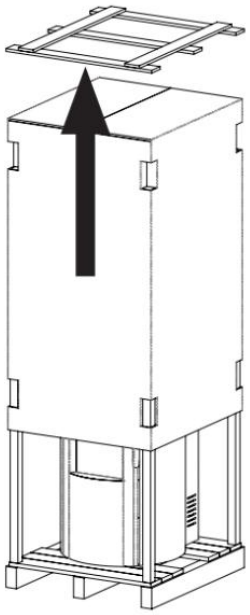
5. Top flue outlet
6. Service opening for pellet container
7. Thermal safety trigger
8. Power plug
9. External air inlet
10. Opening for heat duct
11. Wi-Fi Module
12. Opening for back flue outlet
13. Control panel

1.5 Transportation and unpacking of the stove

When transporting your stove, always keep it in an upright position.

The stove is delivered in recyclable cardboard packaging (RESY standard) and on a wooden pallet, both of which can be reused or disposed of in accordance with local waste regulations.

To unpack the stove, cut the strap securing it to the pallet, lift off the cardboard packaging, and remove the protective plastic bag from the stove.



1.6 Test-fired by the factory

All Aduro P7 pellet stoves have been thoroughly test-fired by the factory before dispatch. This process ensures that every stove meets strict quality standards and is fully operational prior to installation, giving you confidence in its performance and reliability.

2. Installation of the stove

You are allowed to install the stove yourself, but we strongly recommend that you consult your chimney sweeper before you begin the installation. It is important to ensure that the installation of the stove is in compliance with all local rules and regulations, including the ones relating to national and European standards. Your dealer can also provide you with installation advice. Remember, it is your responsibility that rules in force are complied with.

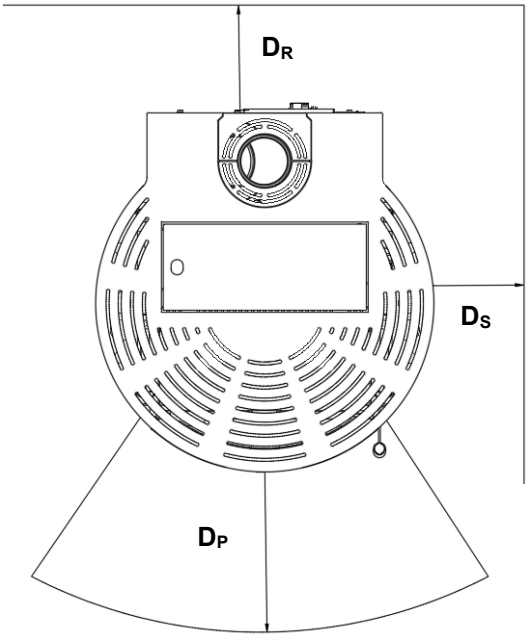
APPLIES TO UK INSTALLATION ONLY: To comply with UK building regulations an approved CO monitor should be installed in the same room as the appliance.

You may not begin to use the pellet stove until it has been inspected and approved by a chimney sweep.

2.1 Position of the stove and distance requirements

If the stove is placed near combustible material, specific distance requirements apply. Note that radiant heat from the front and side glass may cause combustible materials to ignite. See table and illustration below:

Minimum distances to flammable material (mm)	Aduro P7
Distance to the ceiling (D_C)	750
Distance to the rear (D_R)	50
Distance to the side (D_S)	100
Distance to adjacent combustible materials (D_P)	1000



Maintain at least 10 cm behind and 40 cm to the side of inspection openings for proper airflow. Be ready to dismount the flue pipe and rotate the stove for yearly inspections and maintenance. The setup should allow easy access to all stove parts and the smoke evacuation system for repairs or maintenance.

If the stove is to be placed on flammable material such as a wooden floor or carpet it must be placed on a non-flammable floor plate. The floor plate should extend for at least 30 cm in front of the stove and 15 cm on each side – measured from the combustion chamber opening.

Select the assembly location based on the installation environment, ensuring suitable flue access, compliant electrical systems/connections and proper ventilation.

Make sure the installation room meets technical standards (like UNI10683), it is not a fire risk or hazardous space, and isn't used for storing combustibles or as a non-heatable room.



The stove must be installed on a floor with the adequate load-bearing capacity. If the existing construction does not meet this requirement, appropriate adaptation measures must be taken (e.g. a load-distributing plate). It is recommended to consult a professional on the subject.

2.2 Flue pipe and chimney

The flue pipe and chimney system are essential components for ensuring the safe, efficient, and reliable operation of the stove. The entire system must be designed, sized, and installed in accordance with applicable standards and Aduro's instructions.

Data for chimney calculation	
Data	**Aduro P7**
Flue gas temperature [℃]	142
Chimney draft at testing power [mbar]/[Pa]	0.12/12
Flue gas mass flow [g/s]	5.8

General requirements

- The stove is fitted with a Ø80 mm round flue outlet, designed for connection to a rigid flue pipe using a suitable joint connection.
- The flue system must be dimensioned by thermo-fluid dynamic calculation in accordance with EN 13384-1, ensuring compatibility between the stove and the chimney.
- All components of the flue system must be CE marked and compliant with the applicable product standards (e.g. EN 1443, EN 1856-2).

Flue pipe (smoke duct)

- Only rigid metal flue pipes are permitted. Flexible metal pipes are strictly prohibited, even if non-extendable.
- The flue pipe must be installed so that all sections, bends, and connections are accessible for inspection and cleaning.

- A T-fitting with an inspectable collection chamber must be installed at the connection to the chimney, in order to collect soot and condensate.
- Telescopic flue pipe sections are recommended, as they facilitate installation, inspection, and chimney sweeping.
- All joints must be sealed gas-tight using high-temperature silicone sealant (up to 1000 °C).
- The internal diameter of the flue pipe must be constant or increasing from the stove outlet to the chimney connection. Reductions in cross-section are not permitted.
- Sub-horizontal sections must:
    - Have a minimum upward slope of 3%
    - Be kept as short as possible
    - Not exceed 2 m in horizontal projection
- The number of direction changes must be limited to a maximum of three, including:
    - The stove outlet connection
    - The T-fitting
    - The chimney connection. Changes of direction must not exceed 45°; sharper bends are not permitted.
- The flue pipe must be airtight to combustion products and condensate and must have a minimum pressure class P1 where required.
- Flue pipe sections located outside the installation room must be insulated. Inside the room, uninsulated flue pipe is permitted for a maximum length of 200 cm.

Chimney (flue pipe)

- The chimney must be as straight and vertical as possible, weatherproof, and insulated along its entire length.
- Proper insulation is mandatory to:
    - Maintain adequate flue gas temperature
    - Ensure stable draft
    - Prevent condensation
    - Reduce soot and unburned particle deposits
- For traditional masonry chimneys, the use of an insulated liner is mandatory.
- The minimum total chimney height is 3 m, excluding the flue connection pipe.
- The chimney must terminate above the roof, outside the reflux area, and in accordance with national installation rules. Wall or facade outlets are not permitted.
- Shared or collective flues are strictly prohibited. The appliance must not be connected to a chimney serving other appliances, nor installed in combination with extractor hoods or other suction devices that could affect draft.

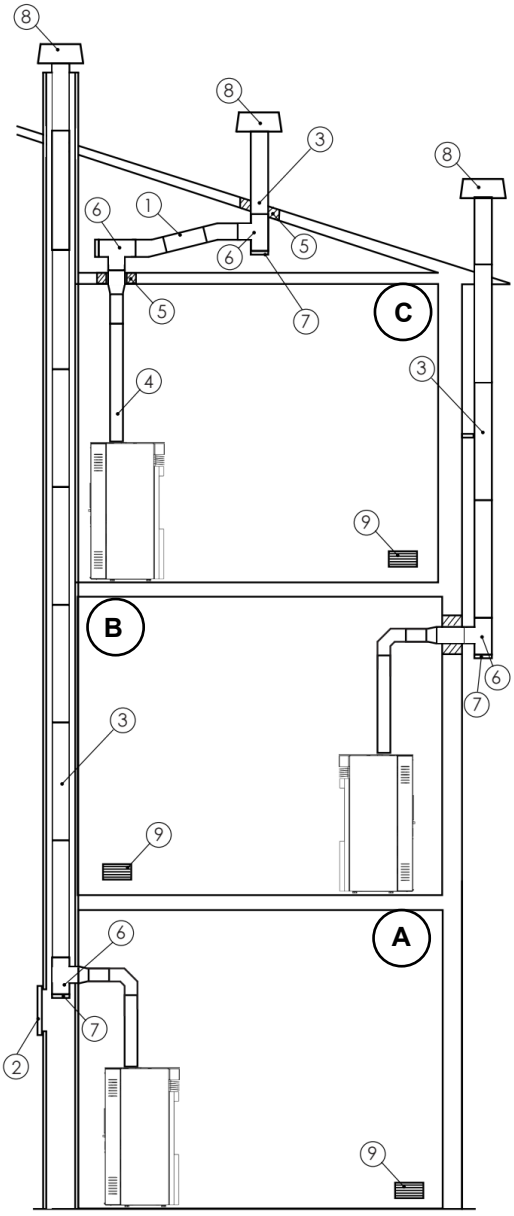
Draft and operating conditions

1. Correct operation requires a stable chimney draft of 10–14 Pa, as specified by Aduro, measured in the flue pipe above the stove during operation.
2. Where the measured draft is outside the permitted range, a draft regulator or smoke exhauster must be installed, as appropriate.
3. In the installation room, the maximum allowable pressure difference between indoors and outdoors is 4 Pa (ambient depression).

Condensate management

- Where operating conditions may lead to condensate formation, the flue system must be designed to collect and safely drain condensate, in accordance with applicable standards.
- The inspection chamber at the T-fitting must be suitable for both soot and condensate collection.

2.3 Examples of flue pipes



Example A: Horizontal section needed for connection to an existing flue. Observe a 3-5% upward slope to reduce the quantity of ash deposit in the horizontal section of the pipe - which must not exceed 2m (1). The existing flue must be inspectable (2).

Example B: This installation requires an insulated flue pipe (3), as this has been mounted outside the building.

Example C: Utilizes a single-wall smoke duct (4) for the section situated within the house. For the portion located in the attic, outside the stove installation room, an insulated segment must be installed. This should involve a double crossing of both the attic and roof; the openings for the pipe passage must adhere to the minimum safety distances specified on the flue sections' labels, with careful consideration of the materials being penetrated:

- When touching concrete, bricks, and similar materials.
- When touching wood, composite materials, or equivalents.

In each scenario, an appropriate roof passage (5) should be placed between the flue and the attic space.

It is imperative to consult and comply with the specifications indicated on the flue's data plate, particularly regarding safe distances from combustible materials. These regulations equally apply to any connection holes drilled in the wall.

At the lower section of the flue pipe and at the entry point, a “T” connector (6) equipped with an inspection plug (7) has been installed for all three types of installations. At the upper end, each example features a windproof chimney pot (8).

To facilitate adequate oxygenation in the room containing the product, a grate (9) is included for all three installation types. In cases where a hermetically sealed appliance is used, featuring a direct outdoor connection for the air intake system, this grate is not required.

2.4 Chimney draft

During operation, the exhaust fumes from the stove are heated and rise through the chimney. Because the hot flue gases are lighter than the colder outdoor air, a natural suction is created in the chimney. This suction is called chimney draft.

The chimney draft must be strong enough to overcome the resistance in the flue system so that all exhaust fumes are safely transported out through the flue pipe and chimney. External factors such as wind, rain, fog, and snow can affect chimney performance. Wind has the greatest influence, as it can create either positive or negative pressure at the chimney outlet.

2.4.1 Excessive chimney draft

If the chimney draft is too strong, excessive combustion air is drawn into the stove. This increases combustion temperature, reduces overall efficiency, and may accelerate wear of internal components. In some cases, excessive draft can also cause vibrations or increased noise from the exhaust fan.

Excessive chimney draft is typically reduced by improving control of the airflow in the flue system or by adapting the chimney installation. Assessment and correction should be carried out by a qualified installer or chimney professional to ensure correct and safe operation.

2.4.2 Insufficient chimney draft

If the chimney draft is too weak, combustion will be impaired. This can lead to unstable operation, lower stove temperatures, reduced efficiency, and possible smoke leakage into the room. Poor draft also increases the risk of soot buildup and unburned residues in the flue system.

Insufficient chimney draft is usually improved by ensuring that the flue system is clean, correctly dimensioned, and properly insulated. External influences and installation conditions may also need to be evaluated. In some cases, the installation of an Aduro DraftOptimizer can help stabilize and improve chimney draft. Any corrective actions should be performed by a qualified professional.

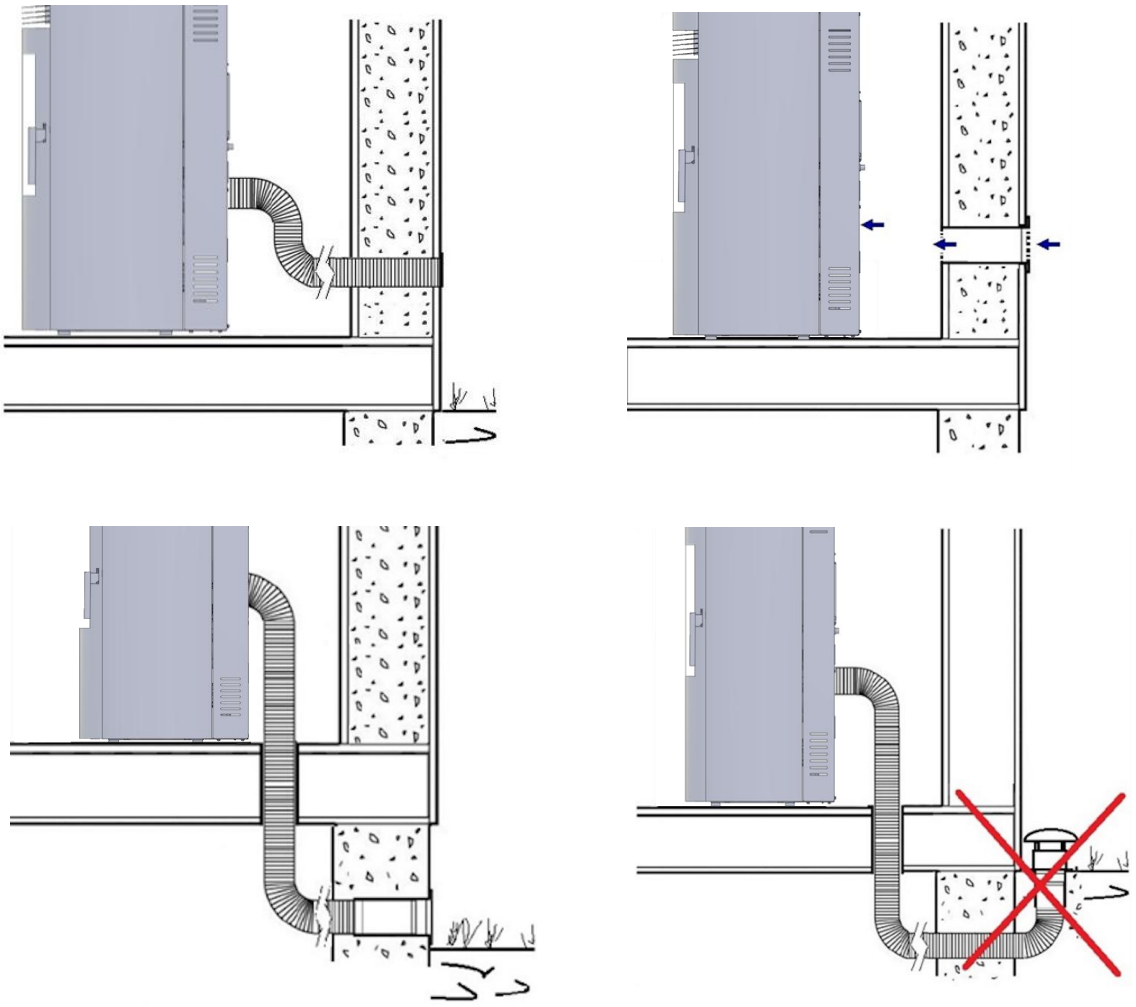
For more information and guidance, visit adurofire.com.

2.5 External air supply

For combustion to work efficiently, the stove needs a steady, uninterrupted supply of air. Rooms where non-hermetic appliances are installed should have proper ventilation using special openings placed carefully to help fresh air circulate. This stove is considered non-hermetic, if no air supply kit is installed. Non-hermetic appliances burn fuel by using the oxygen already present in the room.

This can be critical in modern, energy-efficient buildings, which are often very airtight. The amount of air required for combustion is 25 m³/h. The stove can be supplied with combustion air via a dedicated duct connected to the combustion air inlet located at the rear of the stove.

Examples for the connection of external air supply:



The examples of external air supply shown above illustrate permitted and non-permitted installation solutions.

- The combustion air duct must draw air directly from outside the building and must not draw air from crawl spaces, cavities, or enclosed voids. This also includes rooms at risk of fire, such as garages, bedrooms, bathrooms and toilets, and common rooms of the building.
- Combustion air must never be taken from crawl spaces or from the ground beneath the building, even if ventilated.
- The air supply duct should follow the shortest and most direct route possible, with a minimum number of bends, in order to reduce pressure losses.
- The smoke duct must be airtight and properly sealed at all connections to prevent air leakage and uncontrolled air intake.
- The air intake opening must be positioned so that it is protected from rain, snow, debris, and strong winds, and must remain permanently unobstructed.

- Ventilation holes can be closed with grids as long as they do not reduce their useful section, and do not hinder ordinary maintenance operations.
- The air intake must not be located in areas subject to pollution, exhaust fumes, or negative pressure zones.
- The use of flexible ducts is permitted only for the combustion air supply and only where allowed by the manufacturer; the duct must not be crushed, kinked, or excessively long.
- In the presence of CMV (controlled mechanical ventilation), installation with combustion air drawn from the installation room is not permitted the installation of hermetic appliances or appliances with a closed hearth is permitted as long as combustion air is drawn directly from the outside via a ventilation duct.
- The maximum permitted pressure difference between the outside and the installation room is 4 Pa (ambient depression).

If there are any problems with the functioning of the chimney, these must be identified and resolved before installing the stove.

When connecting the stove to the smoke duct and flue pipes, all connections must be carefully checked and sealed to ensure that no combustion gases can escape into the room.

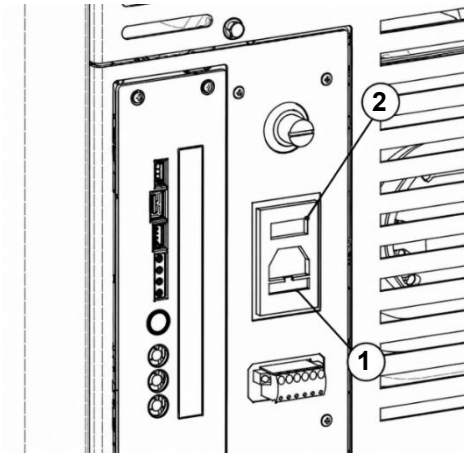
The manufacturer is not liable for any claim for compensation for damages due to non-compliant installation of the ventilation outlets with respect to the above, and to the technical standards and all the legislative provisions in force.

2.6 Electrical connection

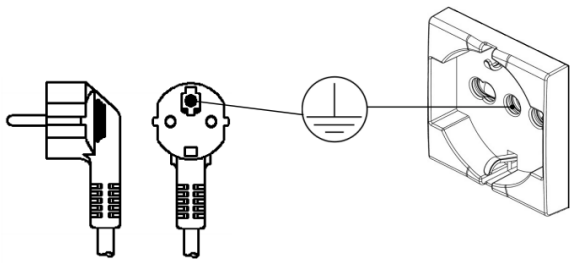
When the stove has been fully installed and assembled, you can connect it to the power supply. Make sure the power cord does not touch any hot surfaces and stays accessible even after setup.

Follow these steps to connect the stove:

1. Attach the power cord to the back of the stove (1) and flip the switch (2):



2. Plug the power cable into a wall outlet:

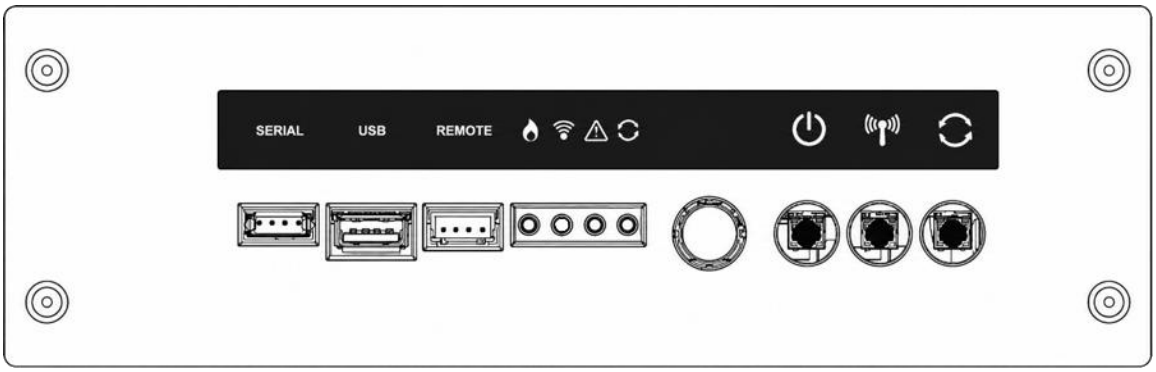


It is mandatory that the system is equipped with earthing and a power relay, as per the laws in force. Also, make sure that the socket is compatible with the type of plug on the power cord used.

3. Operating the stove

Aduro P7 can be operated with the handheld remote control and with the Aduro Pellet Control app. The stove also has a control panel on the back, which can be used for basic operation if the remote control cannot communicate with the stove or during other technical operations. Make sure the stove is connected to the power supply and chimney before first start-up.

3.1 Control panel

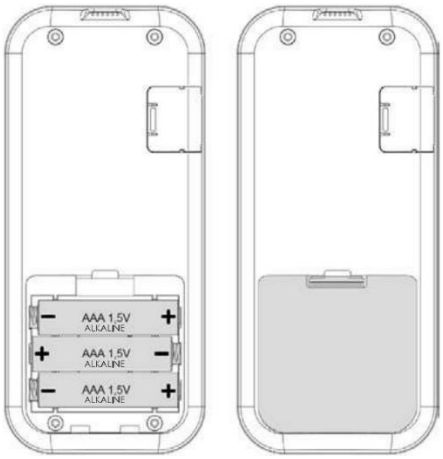


Icon	Description
SERIAL	Serial connection port (used by craftsmen to connect to the service tool)
USB	USB connection port (used by craftsmen to update the stove)
REMOTE	Remote cable connection port
	Appliance working status (GREEN LED)

	Remote communication in progress (YELLOW LED)
	Alarm on (RED LED)
	Ssystem update in progress (BLUE LED)
	ON/OFF button
	Remote combination button
	Manual update button (used by craftsmen to update the stove)

3.2 First configuration with the remote control

The remote control uses 3 x AAA alkaline 1.5 V batteries. Keep the remote control away from heat sources and remove the batteries during long periods of non-use to avoid leakage or corrosion.

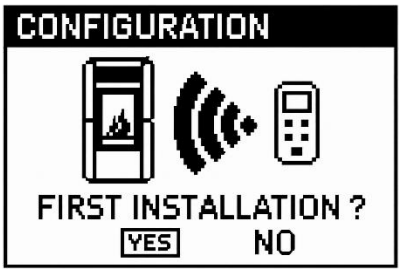


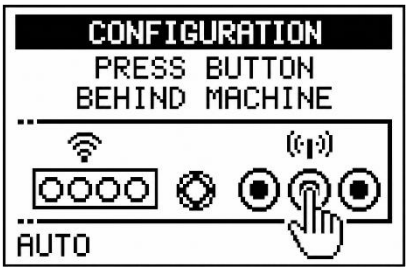
Turn on the power to the stove before using the stove and insert the 3 batteries in the remote control.

When the stove and remote have powered up, select the desired language using the arrow buttons on the remotes and confirm with OK.

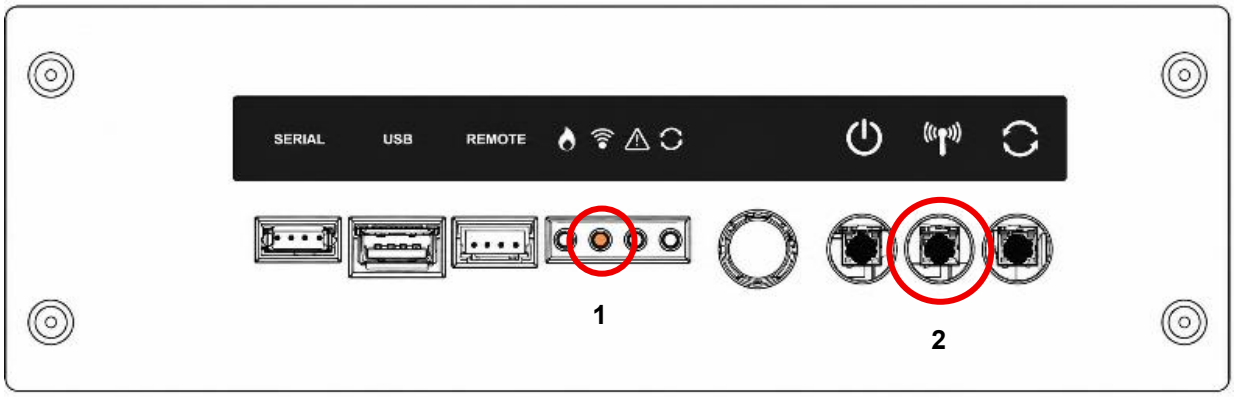


When the display shows FIRST INSTALLATION, select YES and then OK.





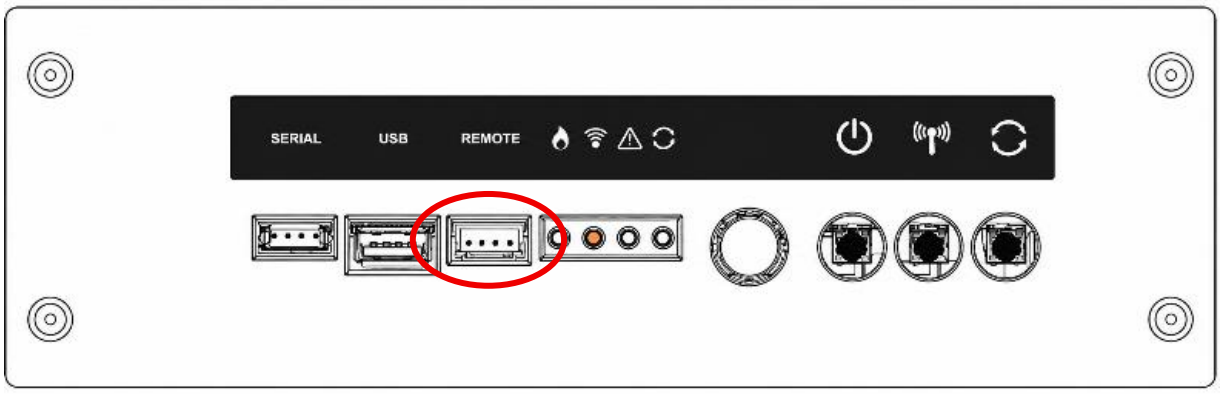
Hold the communication button (1) on the control panel on the back of the stove for a few seconds until the yellow remote communication LED (2) starts flashing:



Wait for the connection to be established. When this is done, a tick mark and a short beep will confirm that the connection has been established.

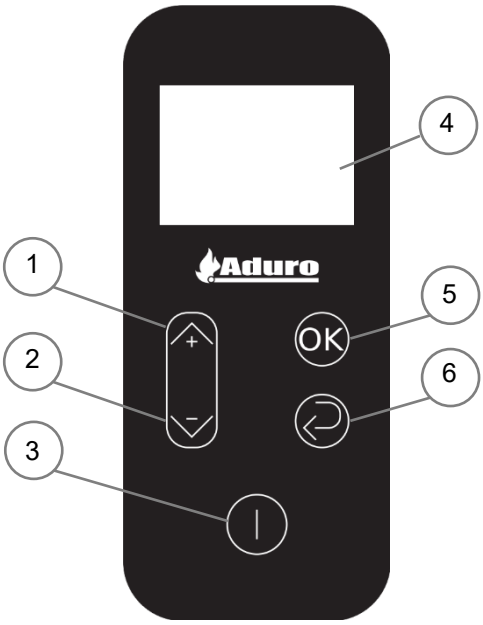
If you replace the batteries or remove them for storage, select NO when the FIRST INSTALLATION option appears after reinserting the batteries.

If communication fails or the batteries are flat, the supplied remote cable can be used to restore the connection temporarily. The cable is mounted by removing the small cap on the right side of the remote control seen from the back. Insert the cable into the remote control, and the remote port on the control panel on the back of the stove:



The equipment uses the radio frequency band **868.3 MHz – 869.85 MHz,** and the applicable transmitted power limit for the device is **6 dBm ERP.**

3.3 Basic operation with the remote control

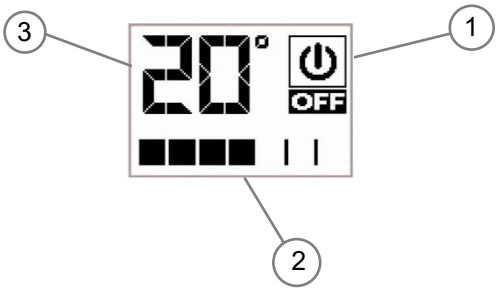


1. Increase button / Selection button
2. Decrease button / Selection button
3. ON/OFF / Wake from sleep
4. Display
5. Menu access / Confirm button
6. Back to previous screen button

Arrow up and arrow down are used to change values and move through menus. OK opens menus and confirms selections, the back button returns one level, and the ON/OFF button wakes the remote control from sleep and is used to start and stop the stove.

After about 20 seconds of inactivity the remote control enters sleep mode to save power; press ON/OFF to wake it again.

The home screen shows the following:



1. The stove status. See more in the table below.
2. The current power level. By pressing the arrow down button, it will show the power setting, which can be edited using the two arrow buttons to increase and decrease the power level. Confirmation of each change takes place automatically within 3 seconds of editing the data, or by pressing the OK button. An acoustic signal confirms the change was made.
3. The ambient room temperature measured by the remote. By pressing the arrow up button, it displays the temperature setting, which can be edited using the two arrow buttons. Confirmation of each change takes place automatically within 3 seconds of editing the data, or by pressing the OK button. An acoustic signal confirms the change was made.

Below are other screen scenarios that you might encounter:

Stove status	Power level	Ambient room temperature	Description
			Stove is switched on and starting up or waking from stand-by mode.
			Stove is operating.
			Stove is working in manual mode without temperature control and wont regulate the power level.
			Stove is modulating to keep the current temperature level.
			Auto mode. The stove automatically manages power levels and convection fan speed to improve comfort and to better keep the right temperature.
			Powerful mode. The stove operates with high airflow and pellets amount to speed up heating of the environment.
			The stove is waiting for the right temperature conditions to be met before it can start up again.
			Mechanical brazier cleaning where the brazier rotates to empty pellets and ash.
			Stand-by mode. The stove turns off as the desired room temperature has been reached.
			Final cleaning. Stove is shutting down and is cooling itself.
			Stove is off.

Stove status	Power level	Ambient room temperature	Description
			The stove has detected an anomaly and is displaying a warning, without shutting off. Check the alarm
			The batteries in the remote are almost empty
			Stove requires service. Please order a service visit from an authorized partner.
			The stove is in alarm mode, check the alarm overview for the specific alarm explanation.

3.3.1 Turning the stove on and off

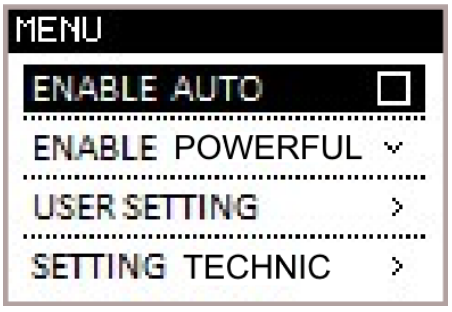
Press and hold the ON/OFF button until the stove starts.

Press and hold the same button again to stop the stove. The stove will emit a short beep. During shut-down the stove cleans the brazier and cools down.

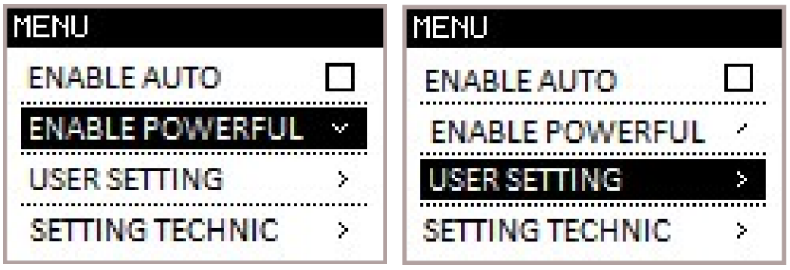
If the stove fails to ignite, please empty the brazier for unburned pellets before attempting a new ignition.

3.3.2 Menu navigation

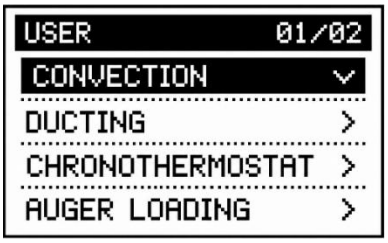
1. Press OK on the home screen to open the main menu.



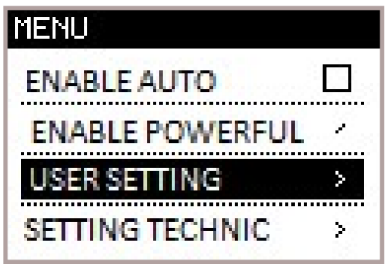
2. Use the arrows up and down to scroll through the menu settings:



3. Press OK to select or confirm a setting:

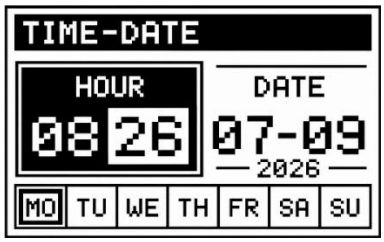


4. Use the return button to return one level or to leave a function without saving the last change:



Date and time settings

To set the date and time go to MENU → USER SETTING → SETTING → TIME-DATE.



Use the arrows up and down to adjust the values of each setting. Go back and forth between the setting using the OK and return buttons. The values are saved as soon as they have been changed. Continue through all settings to exit.

Changing power level, desired temperature and activating auto

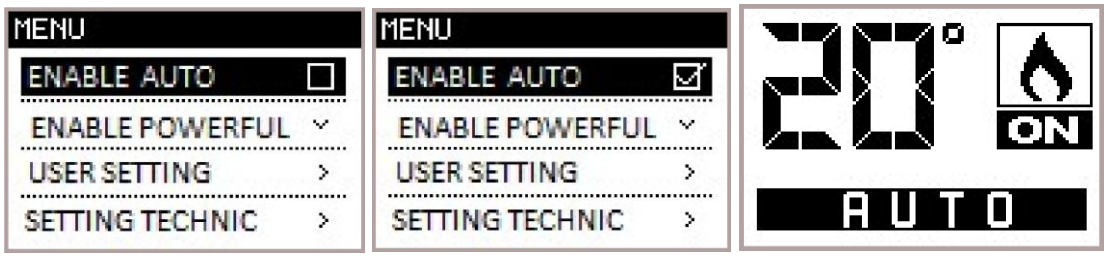
The power level and the desired room temperature can be adjusted from the front screen of the remote.

The room temperature is adjusted by pressing the arrow up button. The temperature will be marked and can now be changed by pressing the up and down arrow buttons . Press OK to accept or return to cancel. The setting will also be set after 3 seconds of inactivity.

The temperature can be adjusted between 7°C and 40°C. It is also possible to press up one more time after 40°C. It will then show MAN (Manual). The MAN setting is used to always keep the stove operating at the given power level; the stove will never enter modulation then (see section 3.2.4.3). It is important to set a realistic target temperature. For example, if the room temperature is 20°C when the stove is off, the stove will not restart if the desired temperature is set to 15°C, as the room is already warmer than the desired temperature.

The heat level is adjusted by pressing arrow down and can now be changed by pressing the up and down arrow buttons. There are seven heat levels to choose from. Each level adjusts the amount of pellets and air supplied to the stove, as well as the speed of the convection fan. This allows you to control how quickly the room reaches the desired temperature.

If you do not want to select a specific heat level to control this part of the procedure, auto mode can be activated to let the stove control the heat level dynamically based on the desired room temperature. The auto mode will then let the stove control the pellet amount, the smoke extractor speed and the convection fan speed. However, it will not control the convection fan speed if this is set to OFF. Press OK to enter the settings menu and press OK to activate “Enable auto”.



Modulation

During operation, the stove works to reach the desired room temperature. Once this temperature is reached, the stove automatically reduces its heating power and enters modulation mode to minimise pellet consumption.

The stove then automatically switches between modulation mode and normal operation as needed to maintain the desired room temperature:

- If the stove is equipped with a convection fan and the fan is enabled, it will continue to operate according to the selected operating mode and the difference between the actual and desired room temperatures.
- If the room temperature drops below the desired temperature, the stove will gradually increase its heating power and return to normal operation.

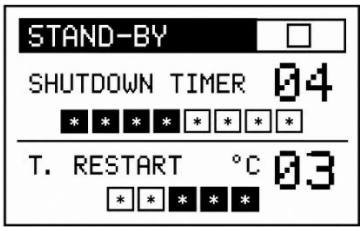
Modulation helps reduce pellet consumption and noise levels by allowing the stove to operate at a lower power level when full heating power is not required.

Stand-by function

It is possible to let the stove switch itself off, when the desired room temperature has been reached. This is especially useful for homes that have a good energy class, both to save pellets but also to not overheat the room.

It is important to set a realistic target temperature. For example, if the room temperature is 20°C when the stove is off, the stove will not restart if the desired temperature is set to 15°C, as the room is already warmer than the desired temperature.

Access the setting through MENU → USER SETTING → STAND-BY



Enable/disable the function by pressing OK when entering the menu.

Press arrow down to continue to the setting. The SHUTDOWN TIMER defines how many minutes the stove must remain at the desired room temperature before shutting down. Press the up and down arrow buttons to adjust this setting.

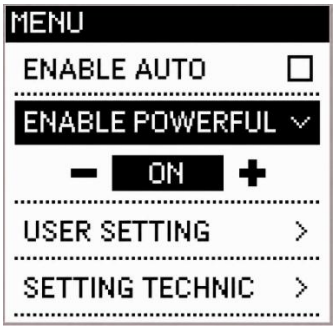
Press OK to continue to the next setting. The T. RESTART defines the temperature at which the stove must restart. This is related to the desired temperature. Press the up and down arrow buttons to adjust this setting. Notice that the restart temperature cannot be less than 2 °C below the set desired temperature.

Press OK to confirm and exit.

Please note: Depending on which settings have been made, the stove might stop and start many times during the day. This will affect the life expectancy of some components, e.g. the ignitor.

Powerful function

The POWERFUL function is used to heat the room more quickly. MENU → ENABLE POWERFUL



Press OK to open the dropdown menu. Press the up and down arrow buttons to jump between the options ON, OFF, and CHRONO.

When this function is activated, the stove temporarily increases its heat output, and the ventilation fan will run at maximum speed during the active period of 5 minutes. This helps distribute heat faster, but it may also increase the noise level.

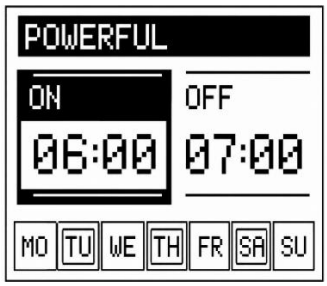
The POWERFUL function can be activated manually or set to run for a specific period of time.

While the function is active, the stove may temporarily override the normal power setting in order to reach the desired room temperature faster.

The function stops automatically when:

- the selected operating time has ended,
- the set room temperature has been reached,
- or the user manually deactivates the function.

The POWERFUL function has a separate chrono function that differs from the normal chrono as this only determines when the function should be active. This is done in the MENU → USER SETTING → SETTING → POWERFUL.



Press the up and down arrow buttons to adjust the time slot, press OK to advance to the next setting slot. Press the up and down arrow buttons to activate or de-activate each day. Press OK to exit the menu, when standing on SU.

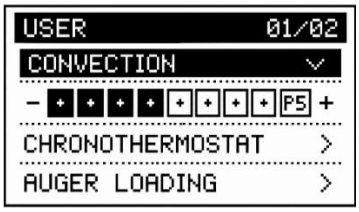
Please note: If the stove has external air connected, the fan may run automatically at maximum speed while the POWERFUL function is active, even if ventilation is normally disabled. This is part of the POWERFUL function and ensures faster heat distribution.

Forced convection

The pellet stove is equipped with a convection air fan. However, the stove can also heat the room with natural convection, meaning without using the fan. This provides the quietest operation.

If faster heat distribution is desired, the forced convection can be activated and adjusted manually. This is done in the MENU → USER SETTING → CONVECTION

Press OK to open the drop down menu. Press the up and down arrow buttons to adjust the ventilation setting. Press OK to exit the drop down menu.



Available settings:

- **0**: ventilation disabled
- **1-7**: manual ventilation level
- **P5**: ventilation follows the stove power level

When **P5** is selected, the fan speed is automatically adjusted according to the stove's current power level.

Please note: If **P5** is not selected, the fan speed will still be limited by the stove's current power level.

Chrono

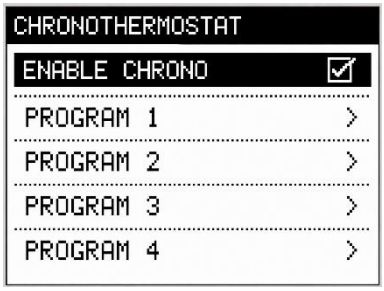
The chrono function (Chronothermostat) allows you to program the stove to switch on and off automatically at selected times. You can create up to 4 programs; each covering selected timeslots and days of the week. Each program can be adjusted individually.

With each program, you can set:

- Which days the program should be active
- Switch-on time
- Switch-off time
- Desired room temperature
- Heat level
- Convection fan level

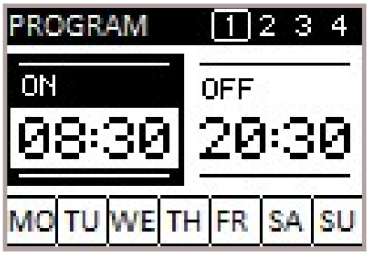
This is done in the MENU → USER SETTING → CHRONOTHERMOSTAT

The thermostat timer screen will now appear. From this screen, you can enable or disable the timer function and access the 4 available programs.



Enable or disable the chrono function by pressing OK and use the arrows up and down to navigate between the 4 programs. Enter a program by pressing OK.

Press OK to move between the different settings. Use the up and down arrow buttons to set the times when the stove should switch on and off. Next, select the days on which the program should run. Use the up and down arrow buttons to activate or deactivate each day. Activated days are included in the program, while inactive days are excluded.



Once the timer has been set, you can adjust how the stove operates while the program is active. The following settings can be adjusted:

- the desired room temperature,
- the heat level,
- and the convection fan level.



Use the arrows up and down to change the values. Press OK to confirm each setting and continue to the next one, until it exits the setting menu.

Please note: When using this function, make sure that the programs do not overlap, as the stove cannot determine which program to follow.

3.4 Advanced operation

Some functions in the user settings are more advanced than others. Use these functions with caution to avoid affecting the stove's operation.

3.4.1 Calibrating the remote-control temperature sensor

The temperature sensor in the remote control measures the ambient room temperature. If the reading differs from that of another thermometer, you may need to adjust the temperature calibration.

A value can automatically be added or subtracted from the measured temperature to match it to your reference thermometer. This is done in the MENU → USER SETTING → OTHER SETTINGS → TARE. P.AMB.

Example: Reference thermometer displays 21°C and remote control displays 19°C. Set +2 for the remote control to display the value 21°C.

3.4.2 Pellet air mix ratio

The pellet/air adjustment allows you to fine-tune the pellet supply and combustion air used by the stove. This is done in the MENU → USER SETTING → BLEND P/A.

The factory settings are based on the pellets used during certification testing. If your pellets differ in size, density or quality, you may need to adjust the combustion settings.

Use this function only when the stove is not burning correctly, for example if:

- the flame appears weak or unstable,
- unburned pellets remain in the brazier,
- the glass becomes dirty unusually quickly,
- excessive ash or soot is produced,
- or the combustion appears to have too much or too little air.

Normally, the air/extraction setting should be adjusted first. The pellet setting should only be changed if adjusting the airflow does not provide satisfactory combustion.



Use the arrows up and down to change the PELLET value. Available range:

- **−5**: reduces the pellet feed
- **0**: factory setting

- **+5:** increases the pellet feed

Each step changes the pellet feed by a percentage relative to the factory setting. Press OK to confirm and continue to the air adjustment. Use the arrows up and down to change the AIR INTAKE value. Available range:

- **−5**: reduces the combustion airflow
- **0**: factory setting
- **+5:** increases the combustion airflow

Each step changes the airflow by a percentage relative to the factory setting. Press OK to confirm the settings.

Example: A setting where pellet is set to –2 and air intake to +3 means that the pellet feed has been reduced and the combustion airflow has been increased.

This type of adjustment may be suitable when the stove receives too much fuel or when the pellets are smaller or burn differently from the reference pellets.

Please note: These settings only adjust the combustion during normal operation. They do not change the underlying factory parameters stored in the control board.

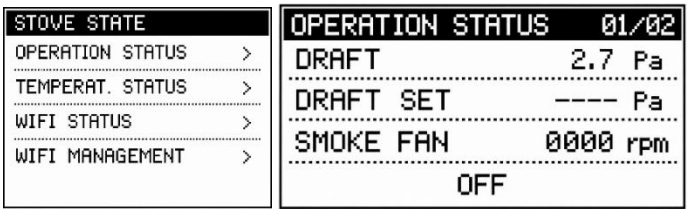
Make small adjustments and observe the combustion before changing the values again. Incorrect settings may cause poor combustion, excessive ash, soot, unburned pellets or unstable operation.

3.4.3 Stove status

The stove status function allows you to view certain real-time operating values of the stove. This is done in the MENU → USER SETTING → STOVE STATUS

The status menu is split into four sections:

- **Operation status:** Is used to display operation values like draft and component values like rpm but also the current stove status like working, off, cleaning etc.
- **Temperature status:** shows temperatures measured by different probes in the stove. The smoke temp, fire temp and room temp.



- **Wi-Fi status:** shows the current connection status between the stove, router and cloud. The Wi-FI management menu allows the stove to connect to a router with the WPS functionality (Not all routers have this function).
- **W-Fi management:** will reset the Wi-Fi board, which terminates the current connection to the router and therefore also the connection to the phone.



3.4.4 Anti condensation

Use this function if condensation forms in the stove or flue system, or if advised by an authorised technician. The function slightly increases combustion to keep the exhaust gas temperature high enough to reduce condensation. This is done in the MENU → USER SETTING → SETTING → ANTICONDENSATION

Enabling this function may increase pellet consumption. If condensation continues, the chimney installation, pellet quality and stove settings should be checked by a qualified technician.

3.5 Aduro Pellet Control App

The app Aduro Pellet Control is free and can be downloaded from App Store or Google Play. The app is compatible with iOS 11 or later versions and Android versions from 7 and newer. Look for this app icon in your app store:



Developments within telephones and electronics continuously provide new opportunities and continually require updates and development of the app. When you buy an Aduro pellet stove, app and control updates are included for 5 years after the production year/date.

3.5.1 Configuration of the app

1. Download the Aduro Pellet Control app in Google Play (Android) or in App Store (Apple).
2. Create and activate an account, by following the directions in the app.
3. To control the stove from distance, you need to establish a connection between the stove and your Wi-Fi (Internet). More guidance can be found on our website adurofire.com.

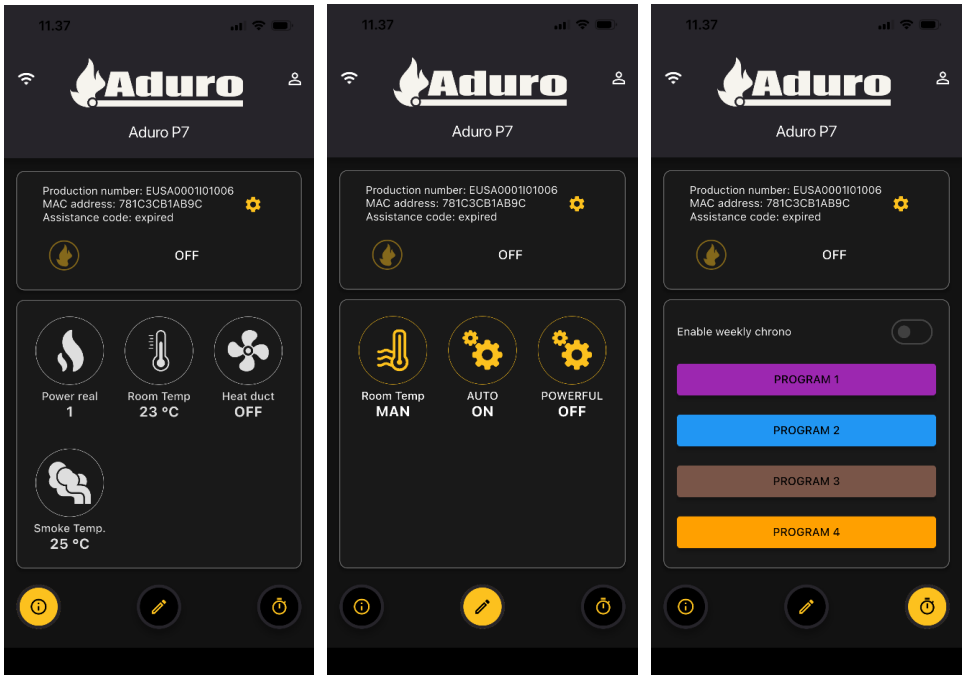
To remotely control the stove and to get the most out of the stove and app, the stove must be connected to Wi-Fi.

If you have trouble connecting the stove to Wi-Fi, it may be caused by your Wi-Fi network, router, or phone setup. Aduro is not responsible for the connection. Some of our dealers can help connect the stove to Wi-Fi. The Wi-Fi module only supports 2.4 GHz. Creating a guest network often resolves Wi-Fi issues; your internet provider can assist with this.

3.5.2 App features

The app has several features that can be used to control heat level, desired room temperature, and calendar/chrono function. The ON/OFF button can be accessed from all pages, for increased safety and easy use.

On the first page of the app, the current measured values are displayed from sensors and stove functions (see image 1 below). On the second page, desired values can be adjusted including heat level, and desired room temperature (see image 2 below). The last page is used to control the weekly chrono function. We recommend using the weekly chrono for maximum control of how the stove runs each day (see image 3 below).



3.6 Register your stove on Aduro IOT Cloud

We recommend that you register your pellet stove to the Aduro IOT cloud through the app, by setting the stove up to your Wi-Fi.

Registering your stove is also helpful for us and the service technician in case you are experiencing issues with your stove – or regarding the mandatory service visits.

4. Firing in the pellet stove

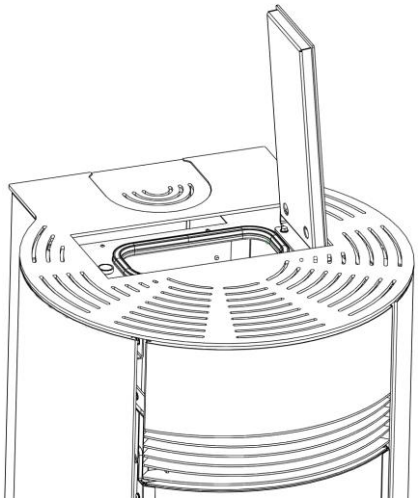
4.1 Wood pellets

Wood pellets are fuel made from compressed, pure sawdust without additives like glue or lacquer. After drying and cleaning, sawdust is pressed through a matrix; high pressure activates natural binders so pellets keep their shape. Pellet density is 1.5-2 times that of natural wood around 650 kg/m3.

You should only use Ø6 mm pellets with a maximum length of 30 mm conforming to certified class 1 standards according to ISO 17225-2:2014 (DIN plus or EN plus 14961-2 A1 or PEFC / 04-31-0220 or ONORM M7135). We recommend that you use wood pellets of good quality which break easily - and bright pellets rather than dark pellets, as dark pellets can have a negative impact on the noise level, energy efficiency and cleaning intervals of the stove. The humidity must not exceed 10% of the weight, while the ash content must be lower than 1% of the weight.

It is important that the pellets are kept dry, as moist pellets can reduce the nominal heat output by up to 50%. Wet or damp pellets can also cause rust to form over time.

Fill the pellet tank through the opening beneath the pellet lid at the top of the stove. Make sure that no pellets spill over the edges of the tank and avoid letting the plastic pellet bag come into contact with the stove's hot surfaces.



Please note: The magnet underneath the pellet lid can be adjusted to make the lid easier or harder to open.

4.2 Initial pellet load

When the pellet tank is filled for the first time, the auger must also be filled with pellets. While the stove is OFF, use the remote control, go to MENU → USER SETTINGS → AUGER LOADING. Let the function run until the first pellets drop into the brazier and then stop the function. The function can be stopped by pressing the ON/OFF button for 10 seconds.

Please remove any unburned pellets from the brazier after the initial load has finished.

If the pellet tank runs empty during operation, ALARM 6 will appear on the remote control and it may be necessary to run INITIAL LOAD again (see section 5.2).

4.3 Igniting the stove

Before starting the stove, remove any accumulated or unburned pellets from the ash drawer. Also check that the brazier is clean before lighting the stove.

Press and hold the ON/OFF button on the remote control to turn the stove on or off. Once the stove has been set up for Wi-Fi and connected to the app, it can also be started and stopped from the app. If the remote control cannot communicate with the stove, the control panel on the back of the stove can be used for basic start and stop operation.

During ignition the stove passes through several phases. When the smoke temperature reaches about 85 °C, the status changes to WORKING. During shut-down the status changes to FINAL CLEAN, where pellet feeding stops while the fan cleans the brazier and cools the stove down.

The brazier will be emptied automatically before the stove proceeds from SWITCH ON. If the stove reports FAILED IGNITION, the brazier must be emptied and vacuumed before a new start attempt is made.

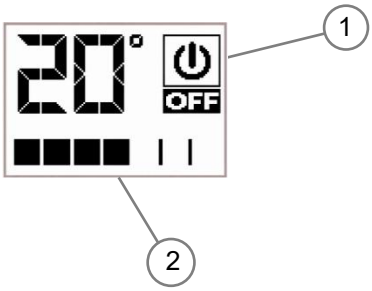
5. Potential alarms

When an alarm is triggered, the alarm LED on the stove will turn on and the stove will automatically shut down. Reset and restart the stove only after the cause has been identified and rectified and the stove has cooled down completely.

5.1 Signals and anomalies

The control system can show warnings and anomalies that do not always switch the stove off immediately. These indications normally reset automatically when the cause is removed, but recurring warnings should be investigated.

The home screen on the remote control will display the information shown in columns 1 and 2 of the table below:



Stove status	Power level	Description
		Flame temperature is over the allowed limit. The stove enters modulation and turns the convection fan to max to cool the stove.
		Flame temperature probe issue. The stove signals a malfunction of the probe detecting the flame temperature. For safety purposes, while waiting for technical intervention, the stove operates in modulation mode.
		Pressure sensor issue. The stove signals a malfunction of the sensor controlling correct draft. For safety purposes, while waiting for the technician, the stove operates in modulation mode.
		Excess pellet load. The pellet amount is too high for this power level based on the air available. Please adjust this in the P/E blend setting. Reduce the pellet load.

5.2 Alarms and technical alarm messages

Each alarm causes the stove to switch off immediately. If an alarm occurs, proceed the following before restarting the stove:

1. Identify and resolve the cause of the alarm.
2. Press and hold ON/OFF to reset the alarm.
3. Restart the stove only after confirming that the problem has been corrected.

If an alarm repeatedly occurs, contact an authorized service partner.

- **Alarm 01 – Blackout**
  The electrical power supply was interrupted while the stove was operating.
  Reset the alarm and restart the stove. If the alarm continues to occur, contact an authorized service partner.
- **Alarm 02 – FAILED IGNITION**
  This error can occur due to:

  a. The pellet tank is empty.
  b. The pellet feed or combustion-air settings during ignition are incorrect.
  c. The ignition element is faulty or incorrectly positioned.

  If this error occurs, check that there are pellets in the tank and refill it if necessary. Confirm that pellets are being supplied to the brazier. If the problem persists, contact an authorized service partner.
- **Alarm 03 – NO PELLETS**
  This error can occur due to:

  a. The pellet tank is empty.
  b. The auger motor does not feed pellets.
  c. Pellet flow is blocked or insufficient.

  If this error occurs, check the pellet level and refill the tank if necessary. Empty the pellet tank and check for foreign objects or compacted sawdust. If necessary, increase the pellet feed using the **P/E Mix** adjustment. If the problem persists, contact an authorized service partner.
- **Alarm 04 – Low smoke temperature**
  This error can occur due to:

  a. Combustion in the brazier is insufficient.
  b. The brazier is blocked.
  c. The internal flue-gas passages are blocked.
  d. The tangential fan, if fitted, is faulty or damaged

  If this error occurs, switch the stove off and restart it. Activate the cleaning function. Clean the brazier and accessible internal passages. If necessary, adjust combustion using the **P/E Mix** settings. If the problem persists, contact an authorized service partner.
- **Alarm 05 – Incorrect Smoke Extractor Speed**
  The smoke extractor is not reaching the required speed. This may be caused by an obstruction, reduced fan efficiency or a drop in supply voltage.
  If this error occurs, check for visible obstructions in the flue-gas path. Check that the power supply is stable. If the problem persists, contact an authorized service partner.
- **Alarm 06 – Smoke Extractor Fault**
  This error can occur due to:

a. The smoke extractor is not receiving power.
b. The smoke extractor is blocked.
c. The smoke extractor is faulty.

If this error occurs, restart the stove and contact an authorized service partner if the problem persists.

- **Alarm 07 – Pellet Auger Speed Incorrect**
  The auger motor is not reaching the required speed, possibly because of reduced motor efficiency or a drop in voltage.
  If this error occurs, check that the electrical supply is stable. Check whether the auger is obstructed. If the problem persists, contact an authorized service partner.

- **Alarm 08 – Pellet Auger Motor Fault**
  This error can occur due to:

  a. The auger motor encoder is not operating correctly or is not connected correctly.

  b. The auger motor does not receive power.

  If this error occurs, contact an authorized service partner.

- **Alarm 09 – Pellet Auger Blocked**
  A foreign object, compacted pellets or sawdust may be preventing the auger from rotating correctly. If this error occurs, empty the pellet tank. Check for foreign objects, compacted pellets or excessive sawdust. Do not attempt to dismantle the auger unless instructed by an authorized technician. If the problem persists, contact an authorized service partner.

- **Alarm 10 – Pellet Auger Power-Supply Fault**
  The auger motor is receiving no power, or the electronic control unit is not supplying the correct voltage.
  If this error occurs, contact an authorised service partner.

- **Alarm 11 – Insufficient Negative Pressure**
  The pressure sensor does not detect the required negative pressure inside the stove.
  If this error occurs, check that the fire door is fully closed. Check that the ash pan is correctly fitted and closed. Check that the combustion-air inlet is not blocked. Check that the flue and chimney are not obstructed. If the problem persists, contact an authorized service partner.

- **Alarm 12 – Brazier Cleaner Fault**
  This error can occur due to:

  a. The automatic brazier cleaner did not complete its movement.
  b. The cleaner is not in the correct position.
  c. The fire door is not closed correctly.

  If this error occurs, check that the fire door is fully closed. Reset the alarm. Wait for the stove to enter the **OFF** state. Disconnect and reconnect the power supply. The stove should automatically perform another cleaning cycle and check the cleaner position. If the problem persists, contact an authorised service partner.

- **Alarm 13 – Insufficient Chimney draft**
  This error can occur due to:

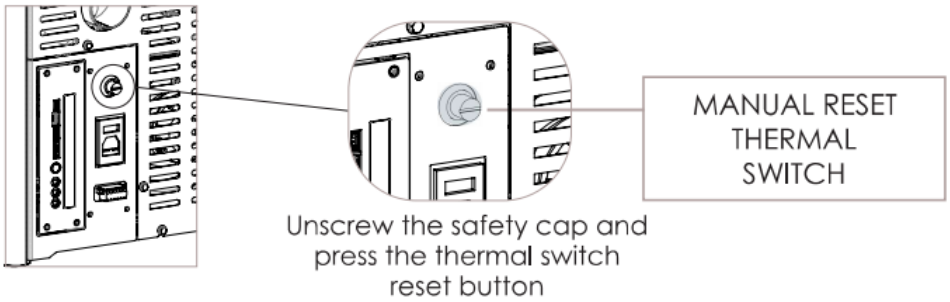
  a. The chimney or flue is blocked.
  b. The negative-pressure sensor is not operating correctly.

If this error occurs, check that the chimney and flue are not blocked. Contact a qualified chimney sweep to inspect and clean the chimney if necessary. If the problem persists, contact an authorized service partner.

- **Alarm 14 – Manual Safety Thermostat Activated**
  This error can occur due to:

  a. The temperature measured by the thermostat is too high due to a local heat source like fire in the hopper.
  b. The hopper safety thermostat has been triggered and must be manually reset.
  c. Combustion in the brazier is poor.
  d. The brazier or internal passages are blocked.
  e. The ventilation fan, if active, does not operate correctly.

  If this error occurs, allow the stove to cool completely. See that no fire is present in the pellet container. If so, put out the fire or contact local fire services. Locate the manual reset safety thermostat on the back of the stove. Unscrew the protective cap and press the reset button. Refit the protective cap. Clean the brazier and accessible internal passages. Restart the stove and, if necessary, adjust combustion using the **P/E Mix** setting. If the thermostat activates again, do not continue using the stove. Contact an authorised service partner.



- **Alarm 15 – Door or Ash Pan door Open**
  During the cleaning, the door to the burn chamber or ash pan was not closed correctly.
  If this error occurs, check that the door is fully closed. Check that the ash pan is correctly inserted and closed. Reset the alarm and restart the stove. If the problem persists, contact an authorized service partner.

- **Alarm 16 – Pellet Tank Door Open**
  The pellet tank lid was not closed correctly during pellet loading.
  If this error occurs, close the pellet tank lid securely. Reset the alarm. If the problem persists, contact an authorized service partner.

- **Alarm 18 – Flame and Smoke Sensor Fault**
  A simultaneous fault has been detected in the flame sensor and smoke-temperature sensor.
  If this error occurs, switch off the stove and contact an authorized service partner.

- **Alarm 22 – Flame Temperature Too Low**
  This error can occur due to:

  a. Combustion in the brazier is insufficient.
  b. The brazier is blocked.
  c. The internal flue-gas passages are blocked.
  d. The tangential fan, if fitted, is faulty or damaged.

If this error occurs, switch the stove off and restart it. Activate the cleaning function. Clean the brazier and accessible internal passages. If necessary, adjust combustion using the **P/E Mix** setting. If the problem persists, contact an authorized service partner.

- **Alarm 23 – Auger Triac Fault**
  This error can occur due to:

  a. An internal fault has occurred in the electronic component controlling the auger motor.
  b. The supply voltage is unstable or incorrect.

  If this error occurs, check that the mains voltage is correct and stable. Do not continue operating the stove if the alarm returns. Contact an authorized service partner.

- **Alarm 24 – Auger Phase Fault**
  The electrical connection supplying the auger motor is missing, disconnected or faulty.
  If this error occurs, contact an authorized service partner.

- **Alarm 28 – Smoke Extractor Encoder Fault**
  The smoke extractor encoder is faulty, disconnected or incorrectly connected.
  If this error occurs, contact an authorized service partner.

- **Alarm 29 – Cleaning Cycle Limit Reached**
  The maximum permitted number of cleaning cycles during a single operating phase has been reached.
  If this error occurs, switch off the stove. Allow the stove to cool completely. Vacuum and clean the brazier. Restart the stove. If the problem persists, contact an authorized service partner.

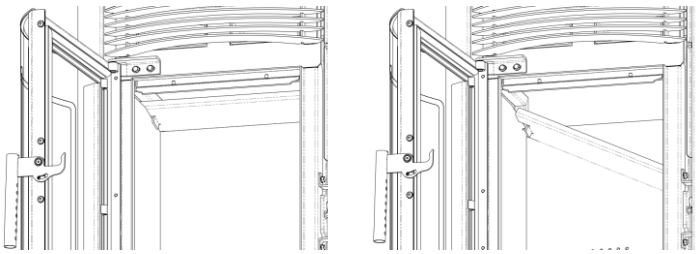
6. Cleaning and maintenance

All maintenance and cleaning of the stove should be carried out when the stove is cold, the ash contains no embers, and the power is disconnected.

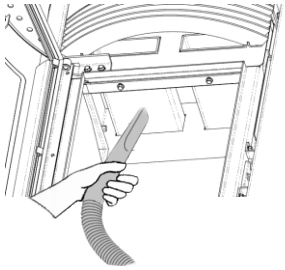
6.1 Combustion chamber

To clean the combustion chamber, open the front door and proceed as described below. Please note that the vermiculite does not require cleaning, as pyrolysis during combustion removes all carbon deposits. However, to eliminate soot particles, use only a soft brush to clean the tiles.

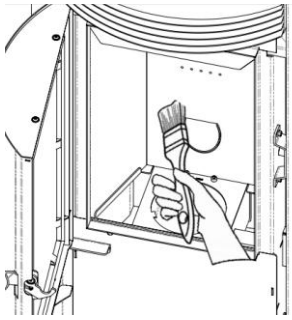
1. Gently lift and remove the baffle plate:



2. Vacuum between each of the heat tubes at the top of the combustion chamber:

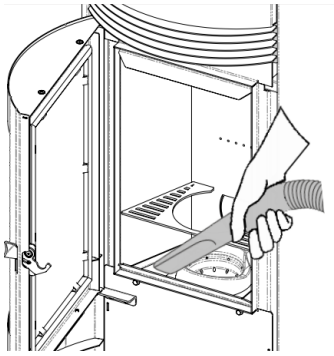


3. Use a soft brush to remove dust from the vermiculite and heat tube:

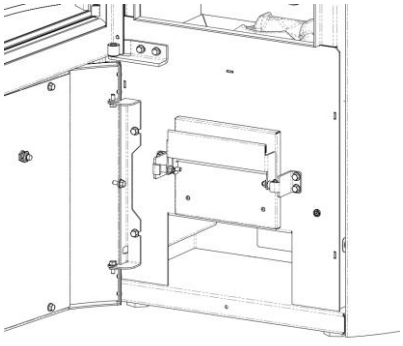


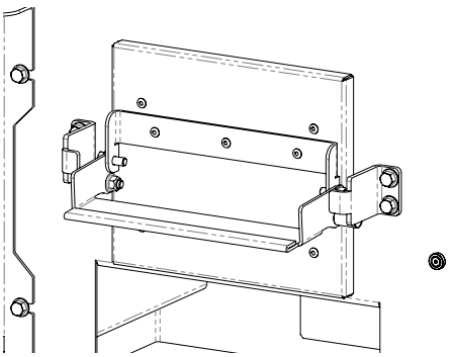
6.2 Cleaning the ash pan and ash drawer

Remove both the brazier and the ash pan from the stove and vacuum the accumulated ash using an ash cleaner. Please be aware of embers that may still be hot and could damage the cleaning equipment.

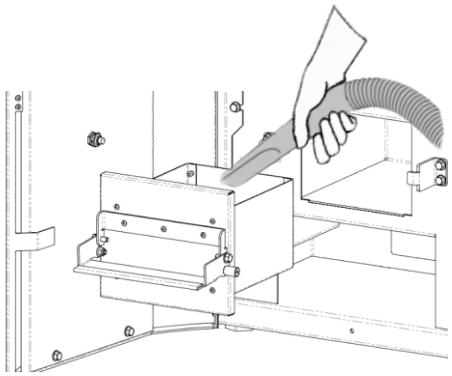


Remove the ash drawer by (1) flipping the handle, and then (2) pulling it out:





Vacuum inside the ash drawer:



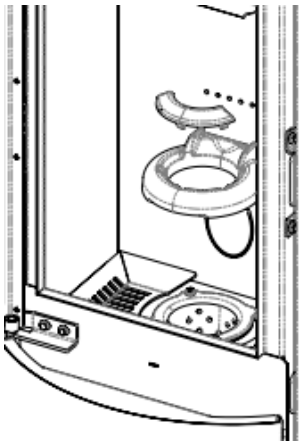
Adjust the cleaning frequency according to pellet quality and usage. You may need to perform these operations more frequently than indicated in this manual.

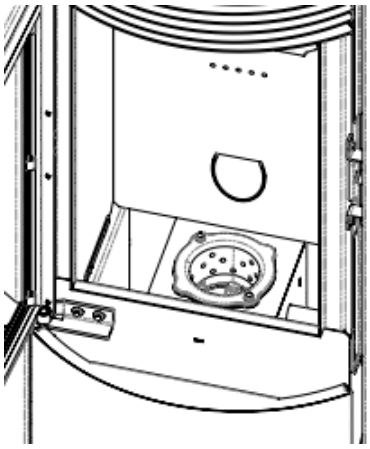
6.3 Cleaning the brazier

Ensure that the brazier is free from cinders or residues obstructing the combustion holes. This precaution is necessary to guarantee optimal stove performance and prevent overheating that may cause aesthetic damage to connected components, as well as ignition failures.

Use an ash cleaner to remove residue from the bottom and sides of the brazier to keep the holes unobstructed prior to operation.

Stubborn deposits may result from pellet quality or incorrect appliance settings. Use a flat-head screwdriver and a small hammer to carefully remove any stuck residues. A small round screwdriver can also be used to clear blocked holes.





6.4 Cleaning the door glass

Before cleaning, remove ash from gaps between the door and glass using an ash cleaner.

Soot and dust can easily be removed using a damp cloth that you dip in cold ash and rub on the sooty glass. Special cleaning agents are also available to remove soot from the glass, e.g. the Aduro Easy Clean pad. The pad neither scratches nor damages the glass, and it can be used multiple times.

Minimize the use of additive-containing products, as these may deteriorate seals, glass, and painted surfaces. Never spray cleaning solution directly onto the glass, apply it to the cloth instead.

Do not use the stove if the glass is damaged. The glass must be replaced immediately.

6.5 Cleaning the pellet container

Regular cleaning of the container prevents malfunctions in the auger and motor, reducing the risk of downtime. The pellet container can be accessed from the back of the stove, by removing the cover plate. Be sure not to damage the gasket between the stove and plate.

Burn all pellets and brush the pellet container clean. Vacuum the leftover pellet dust in the bottom with an ash cleaner. When the heating season is coming to an end, it is important to completely remove all pellets from the pellet container and the augers, otherwise, damage on the stove may occur, when it is put into use again. If you recover remaining pellets that you want to reuse, ensure the ash cleaner has been cleaned beforehand, and sift the vacuumed material afterward.

Use the “auger first load" function (see section 4.2) to clear residual pellets from the auger, preventing moisture absorption and subsequent clogging during off-season storage.

6.6 Gaskets

Over time, the gaskets wear out and should therefore be checked regularly. If they are leaky, they should be replaced, as it is essential that the stove is tight. In addition, check regularly that the gaskets stay in place so that no smoke escapes from the stove. The gaskets might last longer if they are “massaged” pressing down on them regularly to ensure they stay flexible. Be careful not to pull them out.

6.7 Maintenance of the surface

The stove’s surface will stay at its best just by being vacuumed with a small, soft mouthpiece or dusted with a soft, dry cloth. Do not use spirit or other solvents, as they will remove the paint.



Do not clean the stove with water. If the stove is exposed to moisture, the stove may develop rust.

6.8 Spare parts and unauthorized alterations

You may only use original spare parts for your stove. All forms of unauthorized alterations to the stove are strictly forbidden, as the stove will no longer comply with the approved specifications. At adurofire.com you can buy original spare parts for your stove.

6.9 Mandatory service visit

The pellet stove must be inspected within the first year by an Aduro certified professional for cleaning and adjustment. Hereafter, maintenance must be conducted every year from the date of the latest service visit. You are responsible for covering the cost of this yourself.

6.10 Maintenance timetable

The following table outlines ordinary maintenance actions, which users may perform, and maintenance that must be conducted exclusively by qualified personnel authorized by the manufacturer (especially during the warranty period).

Parts	Frequency
Brazier	Every day
Glass	Every 2-3 days
Combustion chamber	Every 2-3 days
Cleaning the bottom of the pellet container	Monthly
Smoke extraction ducts*	Seasonal
Gaskets	Seasonal
Smoke exhaust system*	Seasonal
Electromechanical components*	Seasonal

* Must be carried out by a qualified craftsman

7. Accessories

For Aduro stoves, we offer a wide product range of accessories to fulfil the experience: floor hearths in glass and steel, ash cleaner, pellet pliers, firewood baskets with pellet inserts, flue pipes and Aduro Easy Clean pads. For further information, go to adurofire.com.

8. Right of complaint

The right to complain applies in accordance with the sales act in the country where the stove was purchased. The dated receipt will be sufficient proof.

All pellet stoves may require adjustment of the combustion air and the speed of the augers in order to optimize the function and to reach an effective and clean combustion. Aduro and our service partners can monitor and adjust your stove through the Aduro IOT Cloud. However, this is only possible if the stove is connected to the cloud via Wi-Fi. This happens as you set up the Aduro Pellet Control app.

If you have difficulties getting the stove online, it can be because of your local Wi-Fi network, your router or how your smartphone is set up. You can find guidance on connecting Wi-Fi in our customer center.

It is required that your stove is online in case you want to make a claim about combustion or function, but it is not Aduro's responsibility to secure connection. You can purchase a service visit from one of our service partners to get the stove online.

The right of complaint does not cover:

- Damages resulting from incorrect installation and use of the stove, overheating and wrong or missing maintenance of the stove (including the mandatory service visits) etc.
- Consumable service parts (glass, gaskets, insulation tiles, slides, painted surfaces, electrical igniter, sensors/switches and handles), which are subject to normal wear and tear. You can buy these parts at adurofire.com.
- Damages caused by electrical surcharge, (condensation) water in and around the chimney, too much or too little draft in the chimney and missing maintenance/cleaning of the chimney/flue pipe/installation.
- Damages to the stove caused by external influences or damages caused by the stove on other objects.

Read more at adurofire.com.

9. Disposal of your Aduro stove

When disposing of your stove, metal, vermiculite, ceramic glass, and electronics must be sorted separately. Dispose hereafter the materials according to the regulations at your nearest recycling depot.