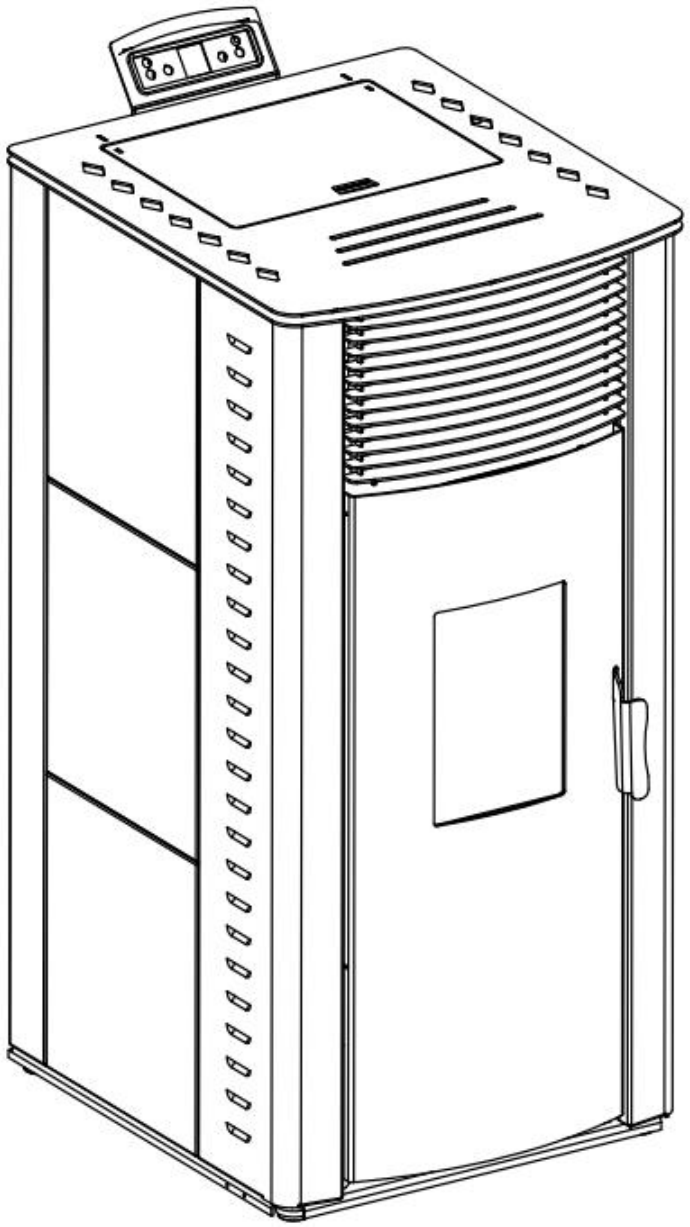
PELLET STOVE



OWNER'S MANUAL

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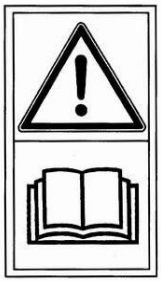
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Dear Customer,

Thank you for choosing one of our products, the result of technological experience and continuous research to achieve superior quality in terms of safety, reliability and service.

In this manual you will find all the information and useful suggestions to use your product with the maximum safety and efficiency. Please read this manual carefully before you install and use our products.

Safety Precautions



Please comply with the following warnings:

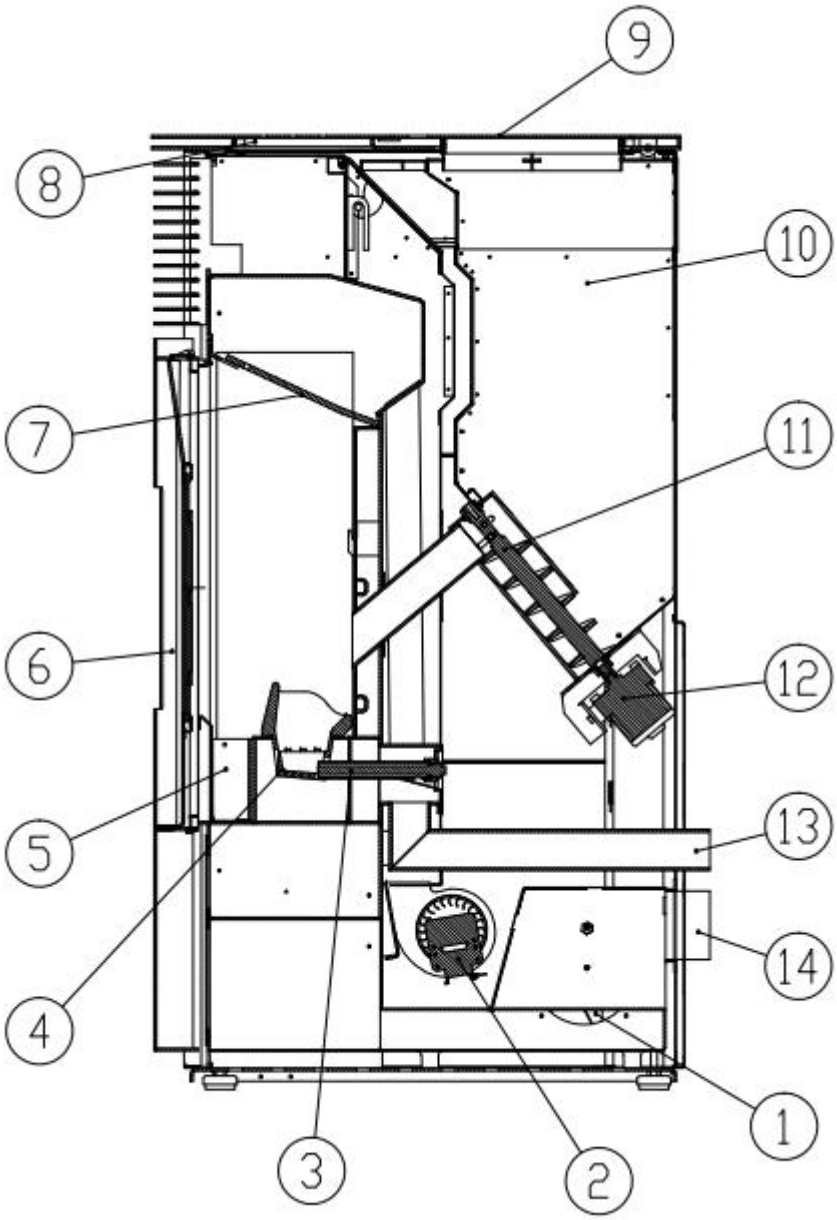
- Read the manual carefully before first-time use.
- It is required to use handling tools to move the stove, thus to prevent personal injury.
- The stove must be installed by local qualified professionals, in accordance with the requirements of the local laws and regulations.
- The socket shall be reliably grounded when the stove is being installed.
- Under normal combustion, it is prohibited to contact the stove surface, especially the door handles, glass and flue pipes and other high-temperature parts, without proper insulation protection measures.
- During using process, the elderly, children and babies must stay away from the stove, until the stove temperature is cooled down to room temperature.
- Any heat-sensitive objects should be far away from the stove, clothes and other combustible materials are strictly prohibited to be placed on the stove.
- Do not directly dry the clothes on the stove! They might catch fire.
- The clothes racks should be far away from the stove (≥ 1m).
- Do not place flammable and explosive objects around the stove body while being in use.
- Pull the plug before cleaning and maintenance work.
- Use original parts only for replacement and maintenance.
- Please keep these instructions for future reference.

In order to maintain technological upgrading, the products are subject to technical upgrading or change without further notice!

Note: If there are any differences between the contents of the instruction and the product, please regard the actual product as the truth.

1 Technical Parameter

1.1 Internal Sectional Drawings

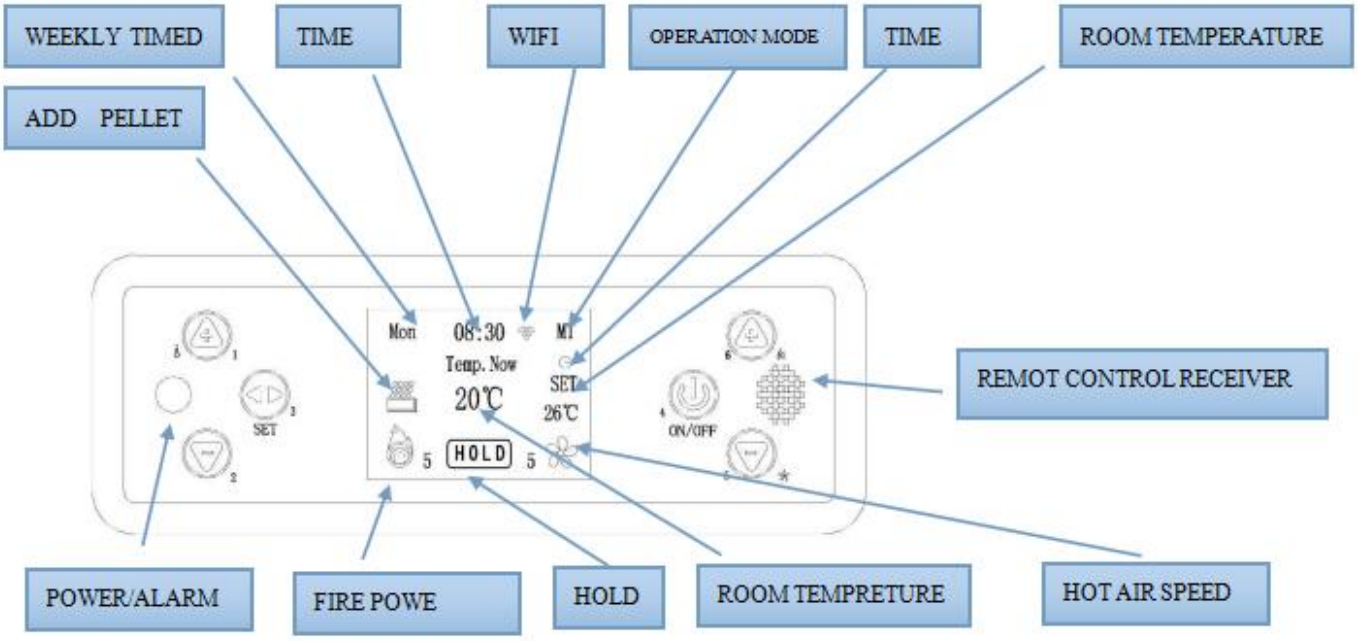


1. Smoke exhaust fan	8. Top cover
2. Powder heat fan	9. Cover
3. Ignition rod	10. The material box
4. Burn the bowl	11.pay-offroller
5. Grey box	12. Cutting the material motor
6. The furnace door	13. Air intake
7. Fender	14. Smoke outlet

1.3 Technical Specification

altitude	1118.0mm
width	542.0mm
length	620.0mm
all up	140kg
Pipe diameter	80mm
maximum power	15kw
Minimum power	8kw
Granular consumption	1.5-3.0kg/h
bucket capacity	25kg
supply of power	220-240V/50Hz
Power consumption (maximum) / normal	350w / 80W
fuse link	3.15 A
Flue gas flow	3.3-6.0g/s
Outlet flue gas temperature (maximum)	ca.200° C
Outlet flue gas temperature (minimum)	ca.105° C
Chimney minimum airflow	20pa

2 Interface Introduction



Description:

4 ON/OFF ON/OFF button; press for 3 seconds to start or to stop the stove; short press to cancel or return.

3 SET Set key; press SET to enter the setting menu, set the current time, combustion mode, timed ON/OFF.

1 Set room temperature key/Plus key .

2 Set room temperature key/Minus key .
While stove in operation, press this key to check the smoke temperature.

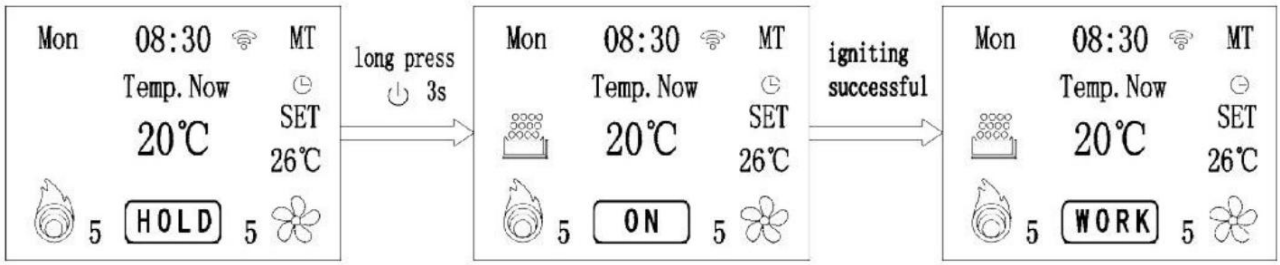
6 Set fire power key, press this key to enter mode of setting fire power, weak to strong,F1 TO F5,press"+" or"-" to adjust.

5 Set hot air speed key, press this key to enter mode of wind power set, weak to strong,S1-S3,press"+"or"-" to adjust.

3 Functions and Operation Procedures

3.1 Start

Plug in power supply → power light lights up → long press 4 ON/OFF for 3 seconds → the screen lights and displays "ON" stove begins igniting.

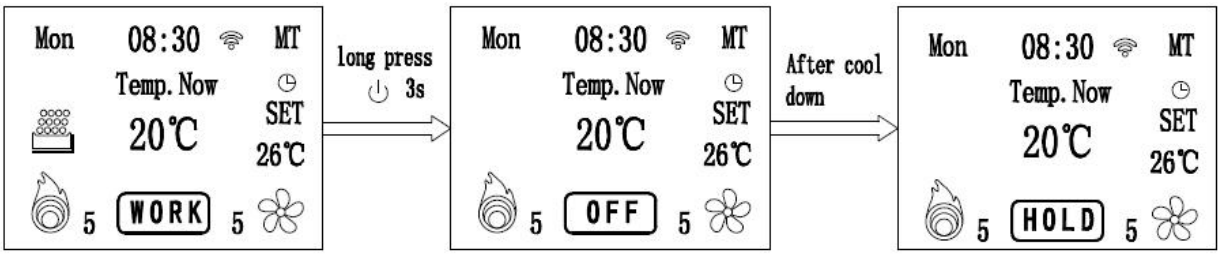


Note: First time use of new stove, there will be a little smoke and pungent smell, it is caused by heating the paint and slushing oil on plate, please open the window, after a short while of combustion it will disappear.

3.2 Turning off

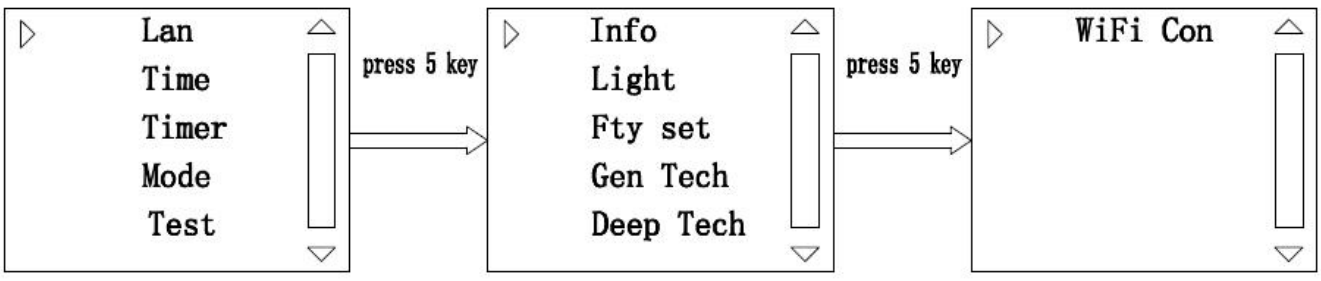
Long press 4 ON/OFF for 3 seconds → the screen displays "TURNING OFF", means that the stove enters into turning off phase, auger motor stops loading pellet, exhaust motor and convection motor continue working until the stove gets cool and smoke temperature gets lower than 50℃, then the stove enters into OFF mode.

The screen appears as follows



3.3 Menu

1. Press 3 SET, screen as blow:

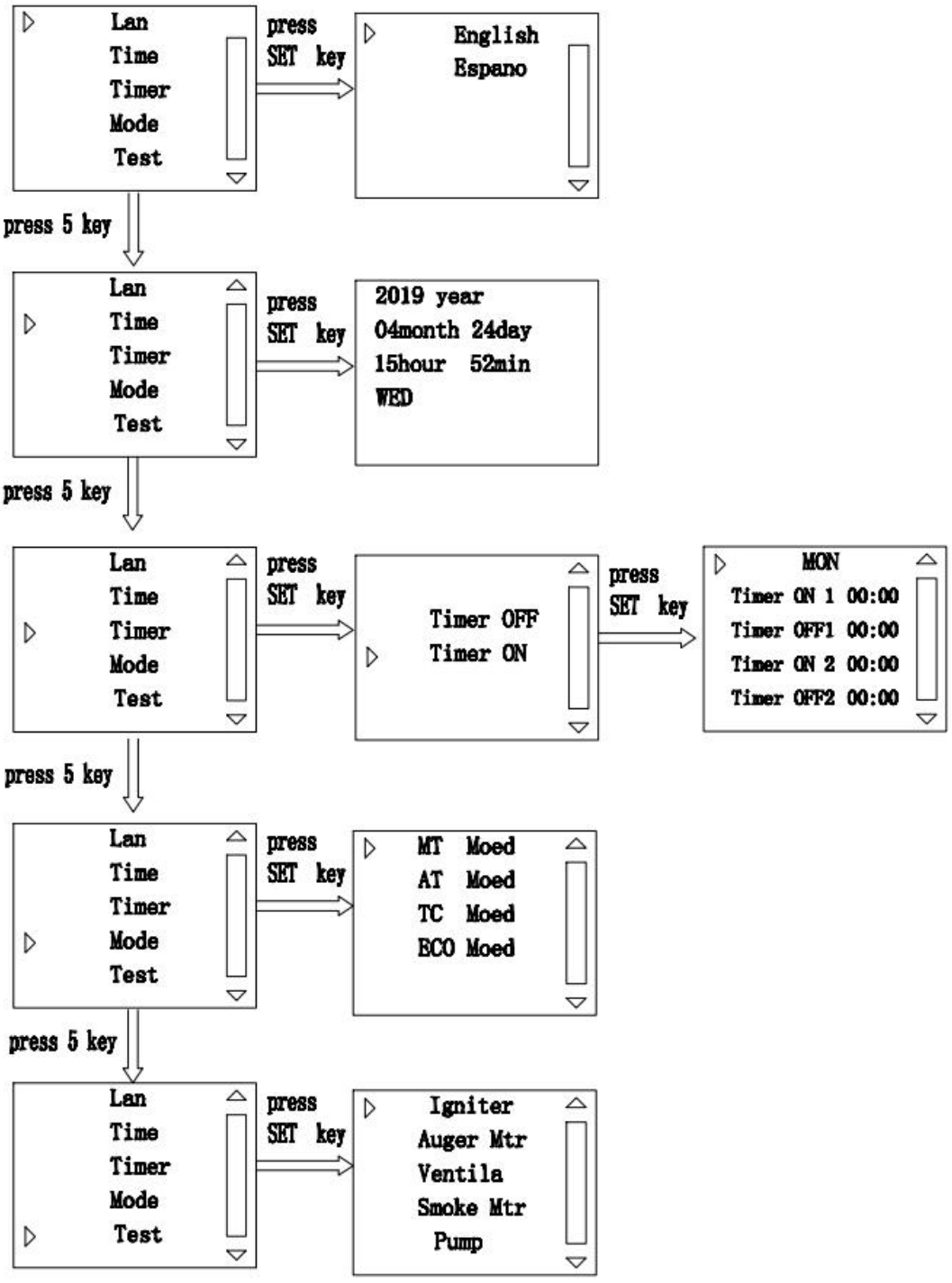


2. When stove is working, press 

key, appears successively the menu of LANGUAGE, TIME, MODE, WEEKLY, GEN TECHNICAL,DEEP.TECHNICAL,LCD LIGHT,SELF CHECK,FACTORY SET,INFORMATION.WIFI.(As the above pic). Press 

to scroll it, then press 

it enters into the interface of the menu chosen.



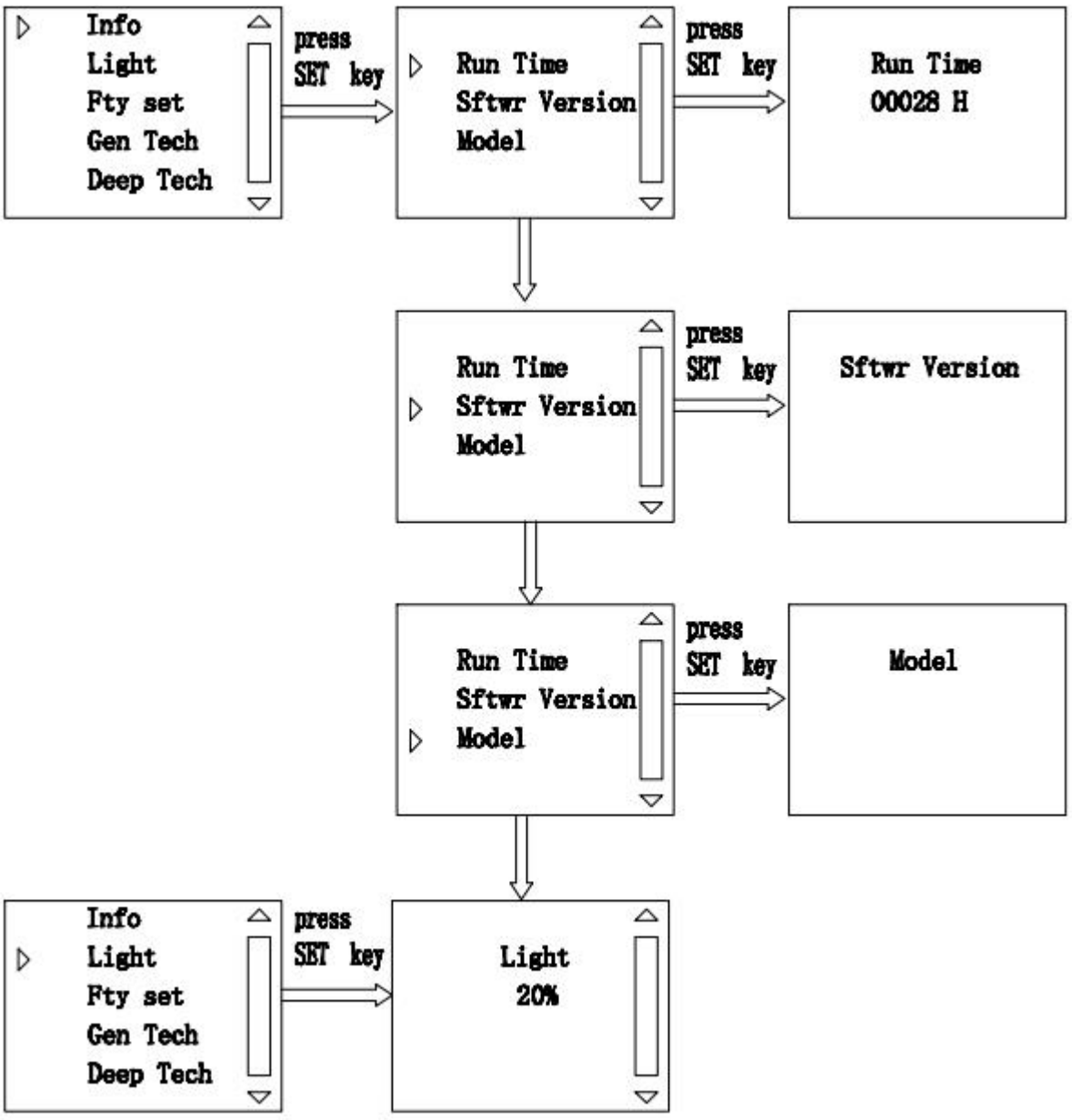
MT : operated by hand, fire power unadjustable automatically in this mode

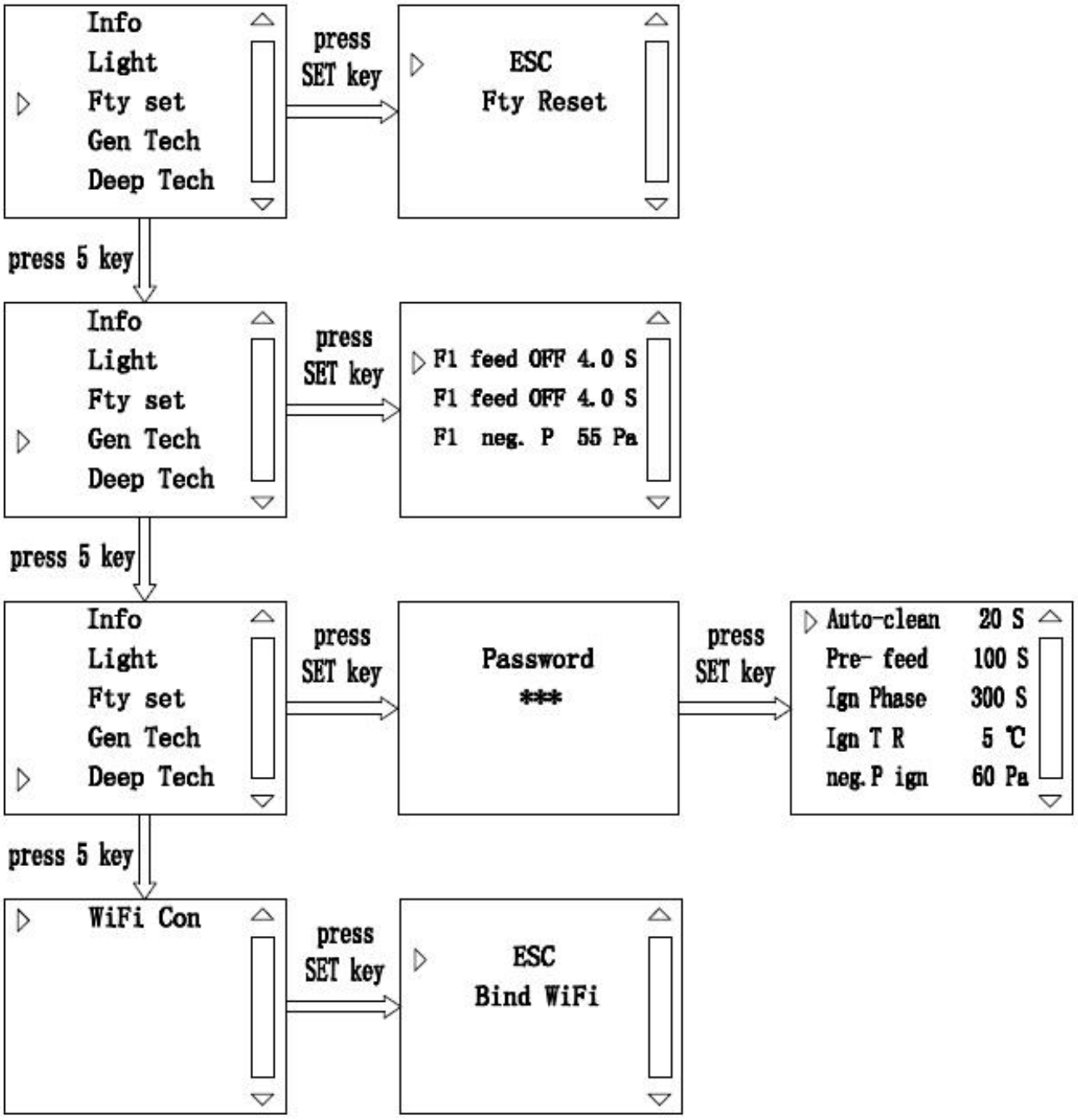
AT: stove functions according to temperature sensor, once reached preset temperature stoves works at lowest fire power

TC: means stove functions according to indoor temperature control switch (indoor temperature control switch self-section), once reached preset temperature stoves works at lowest fire power for 15 mintues,if the room

temperature keeping on increasing the stove stops working. When temperature is 2℃ lower than preset temperature, stove reignites.

ECO: means stove once not reached preset temperature stoves works at highest fire power,once reached preset temperature stoves works at lowest fire power for 15 mintue if the room temperature keeping on increasing the stove stops working. When temperature





LANGUAGE: two options including Chinese and English
TIME: appears in sequence as year, month, date, hour, minute, weekday
WEEK TIMER: it means stove automatically turns on TIME ON1 at 0:00 , turns off TIME OFF1 at 00:00, then turns on TIME ON2 at 0:00TIME OFF2 at 00:00.

SELF-CHECK: In standby state, you can check whether the ignite, auger motor, convection blower,Exhaust motor is electrified properly.
INFORMATION:Check the total running time, program version, and fireplace model.
LIGHT: Display Backlight Brightness

FACTORY SET: restore factory defaults. (if you need modifyment please contact with professional staff before modifying)

GEN TECHNICAL: this allows to set work period and stop period of auger motor and speed of exhaust motor at every fire power level while stove working. (if you need modifyment please contact with professional staff before modifying)

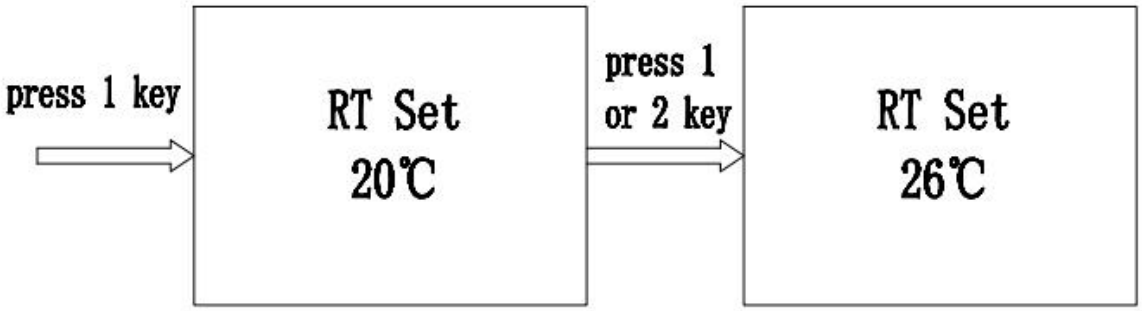
DEEP TECHNICAL: this allows to set work period and stop period of auger motor and speed of exhaust motor at each igniting phase, set the temperature for defining igniting success.(if you need modifyment please contact with professional staff before modifying)

WIFI CONNECTION: WIFI wireless module selection, specific operation instructions see the APP operation instructions.

3.4 Temperature set

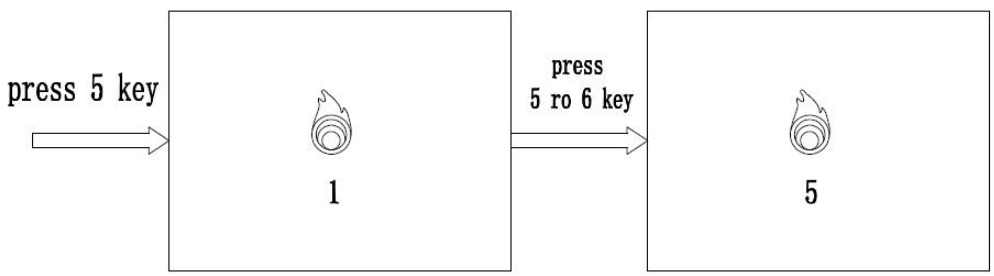
Set room temperature

Power on, press 1 key, set the temperature as you want, press 1 or 2 can increase or decrease, press 4 ON/OFF key to exit.

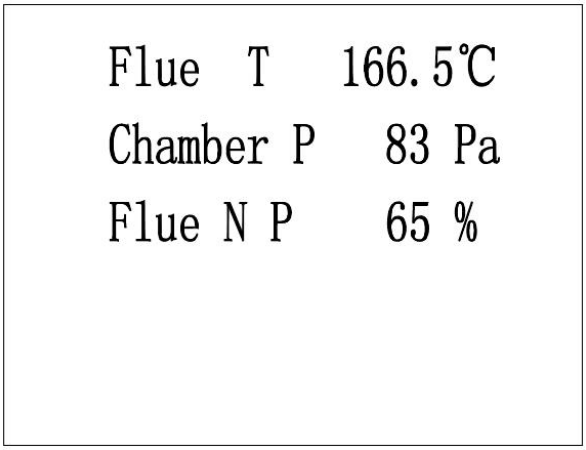


Set fire power level

Press 6 to enter into mode of fire power set, 5 fire power levels, ranging from 1st level to 5th level, 1st level is the weakest level while 5th level is the strongest level. 1 frame on display is 1st level, 2 frame on display is the 2 nd level, etc. Press 6 or 5 to adjust, then press 4 ON/OFF to confirm and exit.

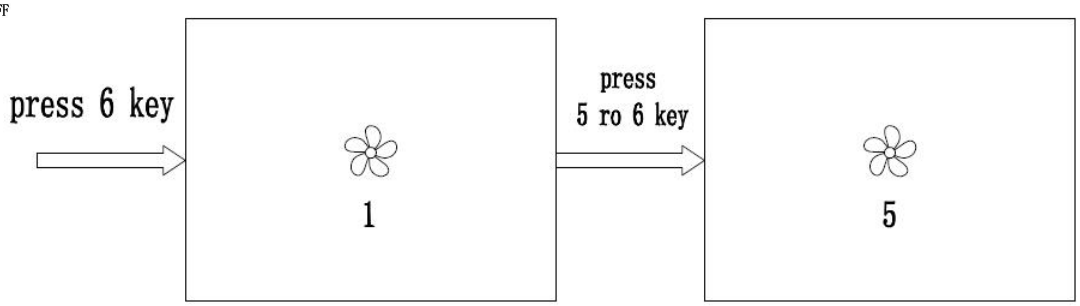


Parameters have been configured in factory, normally it doesn't need any adjustment. In adjustment because of pellet calorific value difference, please avoid too much pellet load, it will cause too strong fire, thus wasting the pellet and shortening the service life of stoves. This is the way to check whether the fire is too strong: during normal operation, press to check temperature of exhaust, it should be less than value rated by factory, ≦200℃. If exhaust temperature is too high, it means the fire is too strong, please reduce pellet load quantity properly in the present fire power level.



Set convection motor speed

Press 4 ON/OFF to enter into mode of convection motor(ventilator) speed set, 5 speed levels, ranging from 1st level to 5th level, 1st level is the weakest level while 5th level is the strongest level. 1 frame on display is 1st level, 2 frame on display is the 2 nd level, etc. Press 6 or 5 to adjust, then press 4 ON/OFF to confirm and exit.



3.5 PARAMETERS SET

(ZLKF15 Example)GEN PARAMETERS

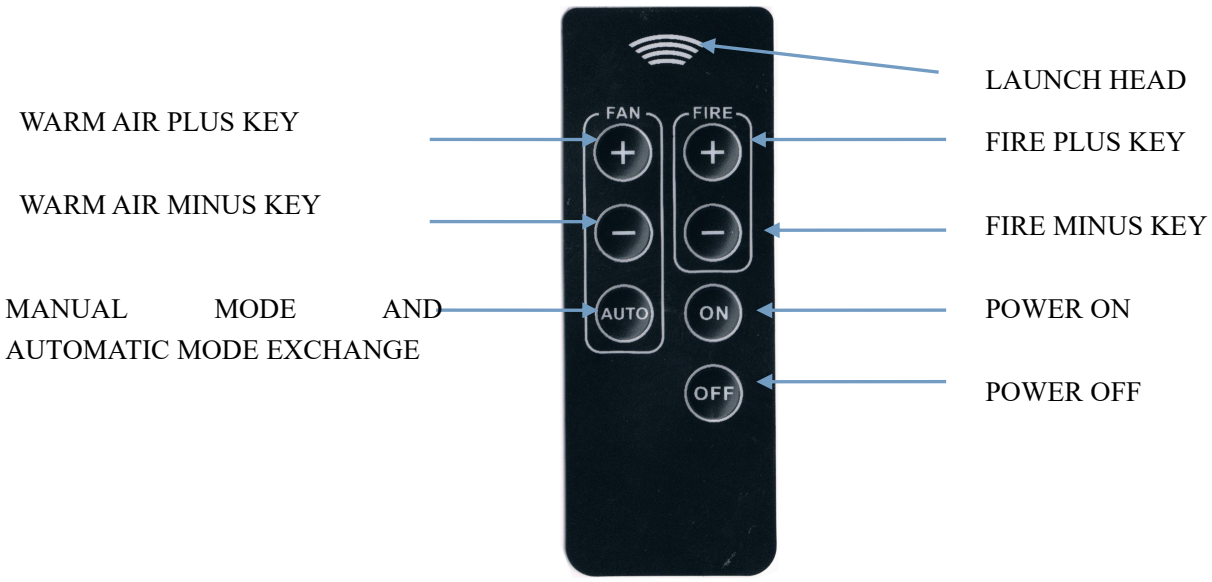
project	first gear	second gear	Three gear	Four gear	five speed
Discharge motor	First-gear material stop: 5.0 S First gear material is open: 2.0 S	Second-gear material stop: 4.5 S Second gear material open: 2.0 S	Three-gear material stop: 40 S Three gear material: 2.0 S	Four-gear material stop: 3.6 S Four-gear material is open: 2.5 S	Five-gear material stop: 3.0 S Five-gear material is open: 2.8 S
smoke extractor exhaust fan	First air volume: 41	Second-gear air volume: 42	Third-gear air volume: 43	Fourth-gear air volume: 43	Fifth-gear air volume: 44
Feed motor: minimum scale 0.1 S, stop / open adjustment range 0-9.9S, for example: first gear start stop: 5.0 S, first gear start: 2.0 S, means stop 5.0 S, open 2.0 S and cycle. Smoke exhaust fan: adjustment range 32% -100% (72V-230V), the greater the value, the greater the wind, such as 100: the largest wind, 32: the least wind.					

Note.: This parameter is only for reference,because the different calorific value of pellet aslo need to change its parameters!

3.6 Over load fuse

There is tube fuse in the power plug at the back of stove to avoid over voltage and over current.
When the fuse burn out, please replace it with the same standard fuse.
Note: one spare fuse exist in the three-in-one switch.

4 Operating instruction of remote controller



REMARKS:

1） In operation, remote control launch head must heat to the operation panel remote control receiving head, when push to the next step, confirm whether there is a reaction, such as buzzer voice.

2) Remote control battery loops for lithium ion batteries, when not in use for a long time, please remove the battery, battery specifications: CR2025.

5 Installation of Stove

• The stove must be installed on a suitable, solid, and horizontal floor;

• The minimum diameter of flue pipe is 80mm, and such a tube should be made of metal or other heat-resistant materials which can resist more than 220℃

• The joint of the flue pipe must be sealed because the stove can only work on basis of the differential pressure in stove and draft in the chimney to protect the system.

• Try to avoid bend connection from up direction to down direction. Horizontal pipes had better to upsweep about 3—5°, vertical pipes height≥3M, to create proper differential pressure, but the whole length of pipes shall be less than 8M.

• Exhaust pipes must be only used for this stove, no share use with other items.

• Flue pipes may be only made of heat-resistant and flame-retardant materials, such as silicon or mineral fiber materials;

• Don’t locate the pipe outlet at closed region or semi-closed region, such as carport, garage, attic, low area and narrow corridor etc. these regions might gather exhaust. The pipe outlet must be at least 10M away from the flammable items.

• Decrease-diameter-installation is forbidden, there should be device that prevents smoke back and rain.

• The stove must be properly connected with flue pipe by your installer, and should also be approved by local firefighters;

• Note: The installation of the stove must be in compliance with the local regulations and rules.

5.1 Assembly of Flue pipe

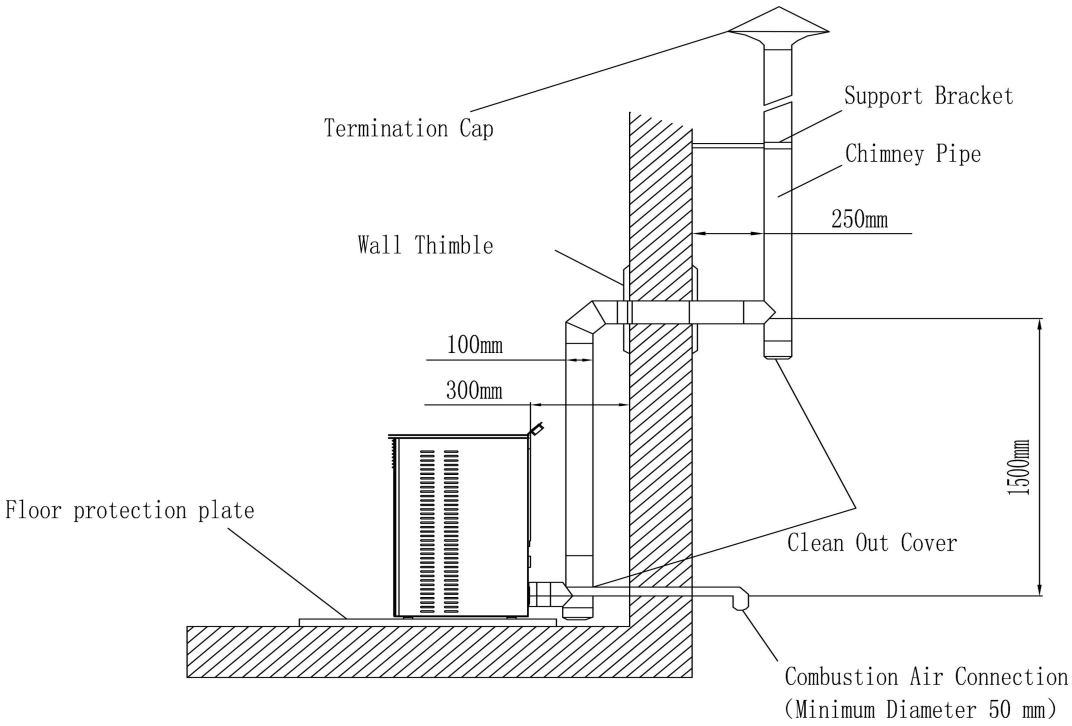
1. Measurement and mark for connection of flue pipes (take the floor protective plate as reference substance).

2. Chisel Hole (the outlet may horizontally aligns to the stove's smoke vent, and 1.5m straight pipe may be placed outdoor; or the outlet may be vertically positioned 1.5 m higher from the stove's smoke vent, and the 1.5m straight pipe may be placed indoor).

3. After the flue pipe is inserted into the wall and the gap should be filled and sealed with mineral fiber. The hole should be sealed with high- temperature resistant cement.

4. Unless the cement is solidified, the chimney should not be connected with flue pipe.

5. The following is a standard installation drawing for your reference (1.5m straight pipe is placed indoor):



5.2 Floor Protection

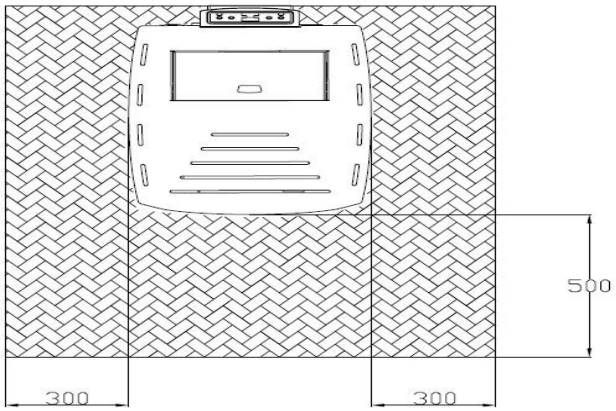
In case of a flammable flooring (such as wood or carpet floors), a fire-resistant protection mat is required, such as glass, steel, ceramic and so on.

Fire-resistant protection mat must be larger than the contacting area between the stove and floor.

Front wall:min.500mm

Each side wall:min. 300mm

As shown below:



5.3 Surrounding Safe Distance

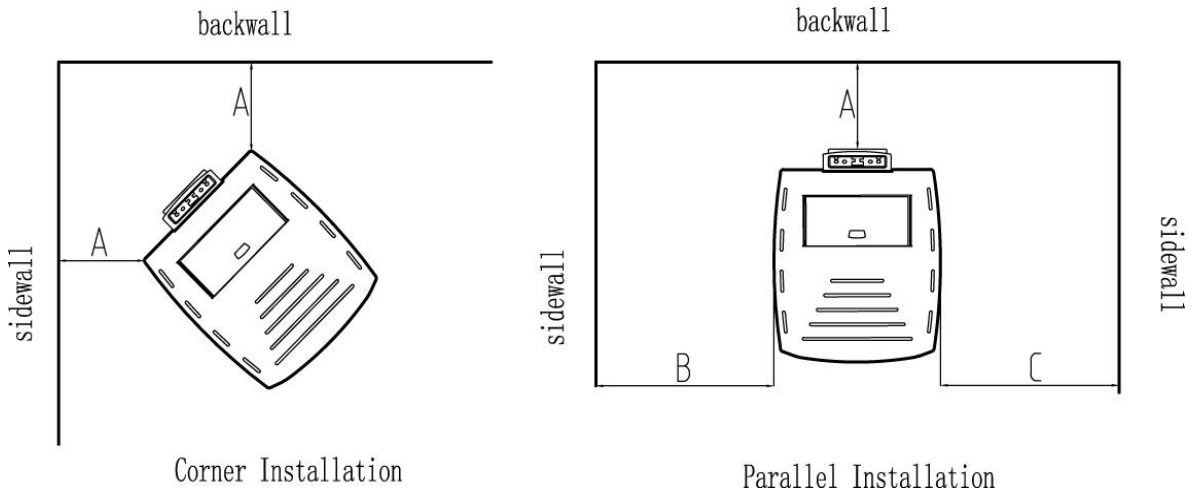
Corner :min. 250mm

Back:min. 250mm

Side:min. 350mm

Front:min. 1000mm

As shown below:



5.4 Power Supply

European-style / three-hole socket/plug; 230V/50Hz

American-style / three-hole socket/plug; 110V / 60Hz

Normal power consumption: 80w

Ignition stage: 340W (about 5 minutes);

In order to avoid safety threats, the connecting cable must be kept away from heat or sharp parts;

The socket must be reliably grounded.

5.5 Oxygen Supply for Combustor

During burning process, the stove must draw air from the outside room. If not, please regularly open windows or doors for well ventilation, or install a proper air supply system.

6 General Steps and Instructions for operation

6.1 General Notes

The stove must be installed correctly

It is required to use high-quality pellets (pellet standard is DIN 51731, and OENORM M 7135, or similar). Pellet diameter: 6mm, length≦25mm.

Initial use phase, please try different brands pellets, then choose one brand that owns high calorific value but low ash content and low coking possibility. High-ash-content pellet will increase frequency of cleaning, and too-much-water pellet will block the auger thus causes inoperation of stoves.

The product is neither suitable for burning wood, nor functions as an incinerator.

It is strictly prohibited to put any waste, garbage, and a variety of plastics in the stove for burning. This is illegal, and the warranty terms and articles herein will be invalid if any above situation exists.

If used the stove in accordance with the manual, overheating is not possible.

Improper operation against instructions may damage the electrical components (such as fans, auger motor, control unit, etc.) and reduce their working life.

6.2 Control Unit

The stove is equipped with micro-processor and control components

All functions and setting can be realized through the operation panel mounted on top of the stove.

Modifications to defaults should be approved by professional.

Incorrect use or settings may cause damage to the stove, and make the warranty terms and articles herein invalid.

6.3 Automatic Ignition

Long press the  key, and the stove will automatically ignite; about 7 minutes later, the pellets begin to burn.

Ignition Solution in case of auto-ignition failed
In case of an auto-ignition failure, please remove all the pellets in the burner pot, and place the burner properly and restart the stove. Otherwise too much pellet in burner in igniting phase will cause detonation.



Re-filling of wood pellets
Attention! Fire hazard!
Please keep pellets plastic bags far away from the stove while feeding pellets.
Pellets should not be overflowed from the hopper cover; the overflowed pellets must be cleaned to avoid accidents.
In order to prevent fire from extinguishing, make sure to keep the pellets in a proper filling level in the hopper. You can refill pellets if you can see the auger at the bottom of the hopper.
The storage height of pellets should be checked regularly.
Except for the feeding process, the hopper cover should be closed in any cases.
Attention! To prevent high-temperature burns, please always wear protective gloves to open the hopper cover.

7 Cleaning and Maintenance

General

Attention! Before doing any maintenance work, it is necessary to turn off the stove and wait till it's cooled down to room temperature,then pull the plug

The cleaning interval depends on pellet quality and average heating power.

Moist or high-ash & sawdust pellets may disrupt normal cleaning interval. Therefore, please always use high-quality pellets.

Maintenance schedule (Refer)

interval / parts	1 day	2-3days	15days	30days	1 year
Burner pot	●				
Burner pot holder		●			
Ash box		●			
glass		●			
Fireplace flue				●	
Smoke pipe					●
Door Frame Sealing Strip					●
Remote Controller Battery					●

7.1 Ash cleanup

Wood does not only contains carbon and hydrogen, but also the mineral components.

This Incombustible material remains in the stove is ashes. This is natural residue, and can be disposed as garbage or used for fertilizer.

Do not put hot ashes in the trash as the remaining fire may ignite the garbage.

Take ashes from the stove, put out with water, and wait a moment before disposal.

Please place ashes in the metal ash pans or small boxes.

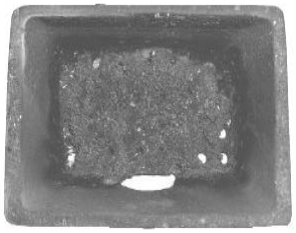
Every 2—3days please check the ash box and remove the residue in it while it is cold.

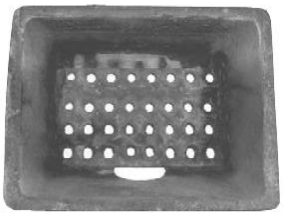
Metal bucket vacuum is suggest to use while the ash is completely cold.

Cleaning of burner pot

Check the burner pot regularly before use. Make sure the air duct is free from ash, soot or slag. The burner pot should be correctly placed in the chamber.

When the burner pot is cooled down to room temperature and has no flame in it, then the vacuum cleaner can be used for cleaning ashes.





7.2Cleaning of burner pot base

Every time when clean burner pot, please check the base under it if there is too much ash, if too much ash exist will decrease oxygen quantity in chamber thus cause bad combustion. Please clean the base with metal vacuum cleaner.



Example of dirty base

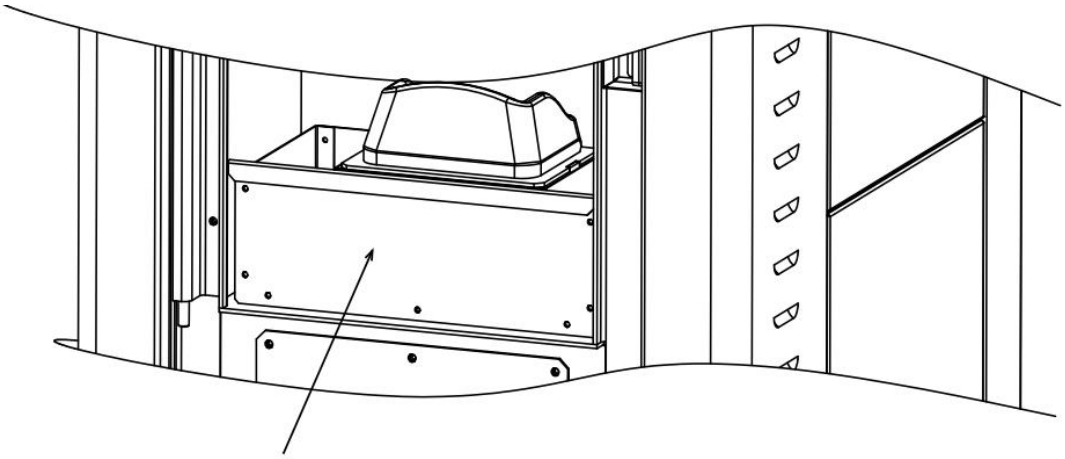


Example of clean base

Attenti**on**! Only when it is cooled to room temperature, and there is no flying ember, the vacuum cleaner can be used for cleaning ashes.

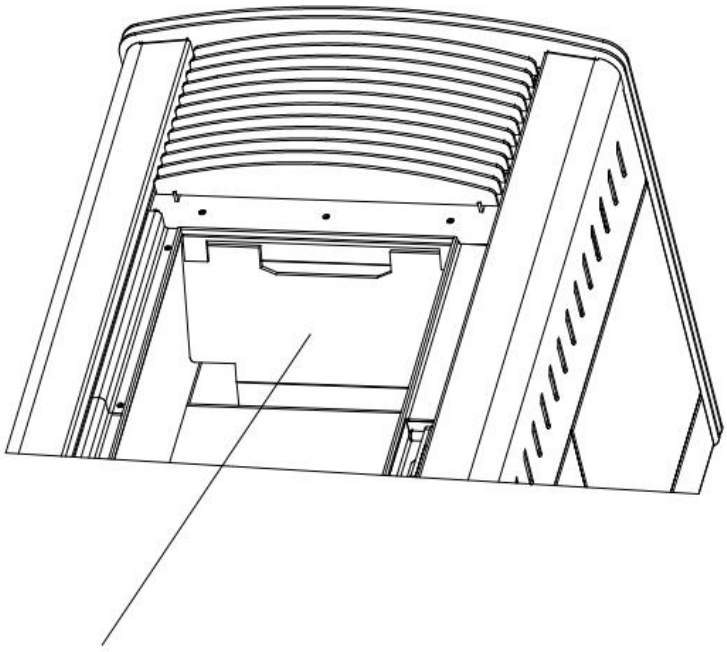
Grey box cleaning

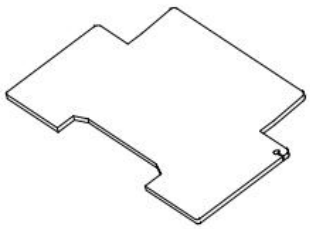
1 Check the ash box every 2 to 3 days and empty the ash inside.
Only in the state of completely cold ash, it can be removed by the vacuum cleaner of the iron cylinder.



Clean the ash box

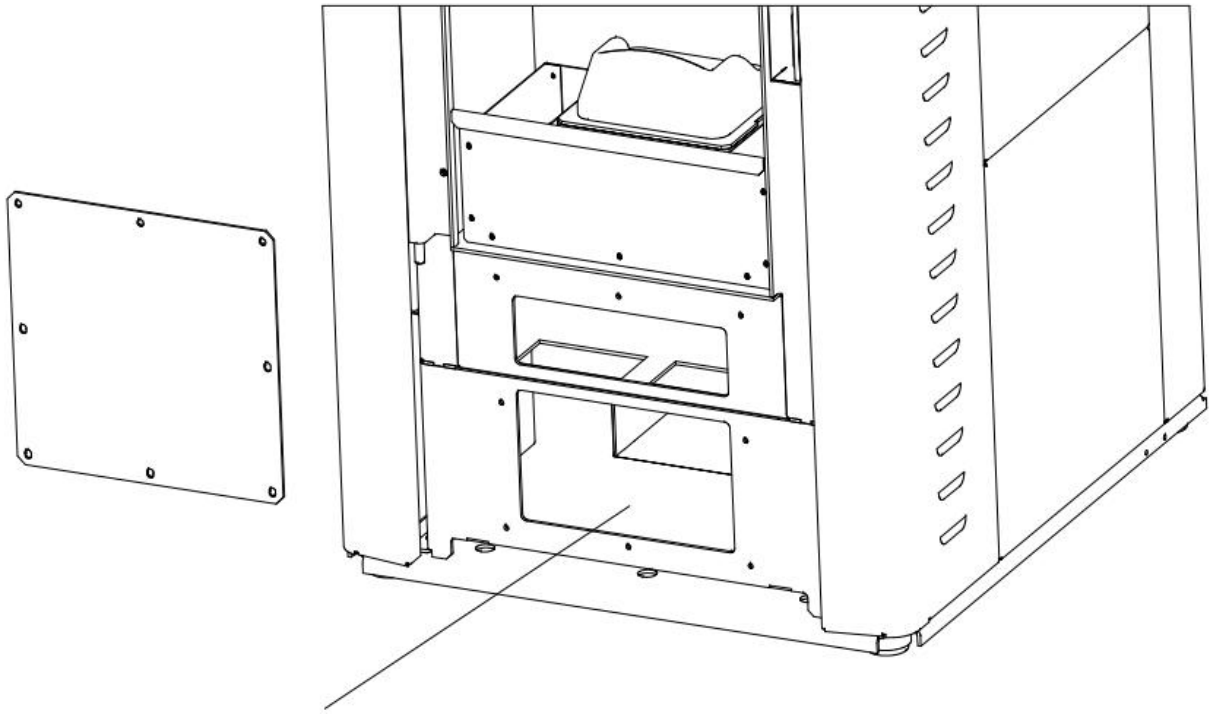
Clean up the furnace top fire retaining plate



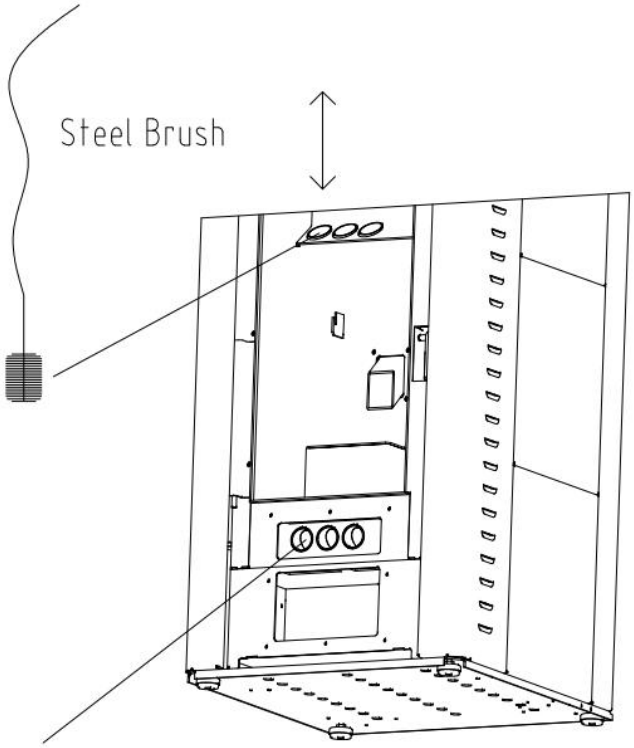


Remove the top gear fire plate and clear it

Inside the fireplace, the flue cleaning

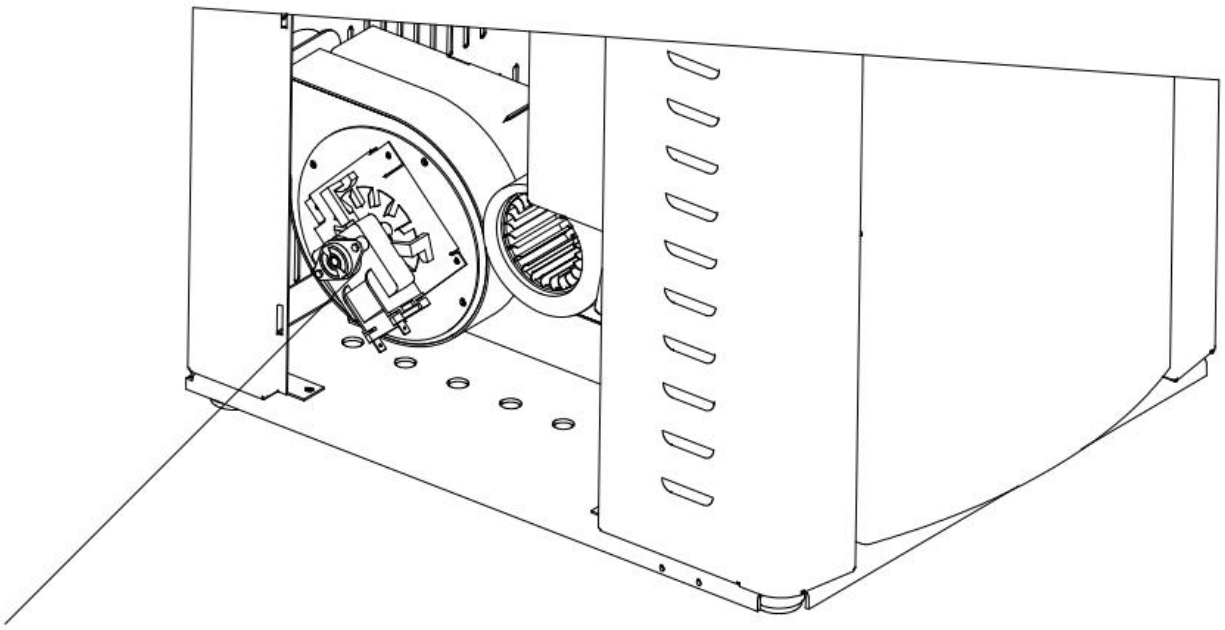


Remove the bottom flue cover plate to clean the ash here



Clean 6 flue up and down with a steel brush, and then use a vacuum cleaner to remove dust, pay attention to the bottom flue cover plate to ensure that the installation seal is strong and no smoke leakage.

Clean up the smoke exhaust fan



Check and clean the smoke exhaust fan, and unscrew the four inner hexagonal bolts fixing the smoke exhaust fan. Then slowly remove the fan with a brush or vacuum cleaner to remove the soot from the pipe or fan. When reinstalling, ensure that the installation seal is tight and free of smoke leakage.

Clean the fireplace

After the end of the heating season every year, pull out the clear ash cover of the T-type smoke pipe joint, clean it up and install it back. Pay attention to the tight seal and no smoke leakage.



Clear the ash cover



before cleaning



after cleaning

7.2Door Glass Cleaning

The grime on the glass will change from black to brown, yellow and stone-gray because of the pellet quality and wood species. Wipe the grime with a damp cloth or windows eraser. Do not use caustic cleaning agents or hard metal brush to clean fouling, otherwise, the high-temperature resistant glass may be scratched or corroded.



Example of dirty glass



Example of clean glass

•Cleaning of smoke pipes

After the heating season, manually remove the T cover downward, make it clean and then relocate it, please be sure that it is relocated correctly and firmly sealed.



T cover



Example of dirty cover

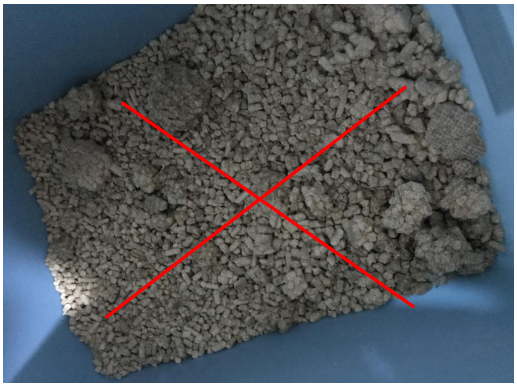


Example of clean cover

7.3 Hopper Cleaning

In the period when the stove is out of use, you should remove all pellets from the hopper with a vacuum cleaner with a long extension. If the fuel is left in the hopper, it may get damp, stick together, and be difficult to light at the beginning of the next season

If the nozzle of the vacuum cleaner can not match with the grid on the hopper cover, please remove the grid to facilitate cleaning.



Caking poor quality pellet



Recommended good wood pellet

Attention: pull out the plug before cleaning.

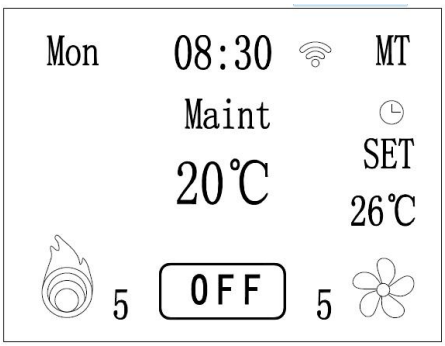
7.4 Seal check

The seal ropes of door and glass should be checked at least once a year. Put a piece of paper between seal cord and surface of chamber, close the door, pull out the paper, if failed to pull it out it means sealed firmly. If the paper can be pull out it means the seal cord is damaged, please have them repaired or replaced.

8 Faults - Causes – Solution

8.1 errors and solutions

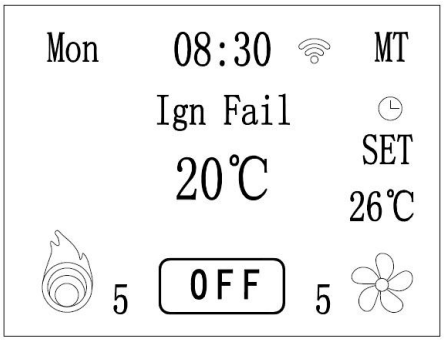
ALARM1:



Cause: Maintenance time now,need to check the whole stove ,to do some clean up,program checking and so on.

Solution:Enter into the interface of DEEP TECHNICAL, find maintenance time and make it twice of its original number. For example, if the original number is 30, after seeing ALARM MAINTENANCE please make it 60, in the future when you see this alarm again then make it 90, the rest can be done in the same way.

ALARM2:



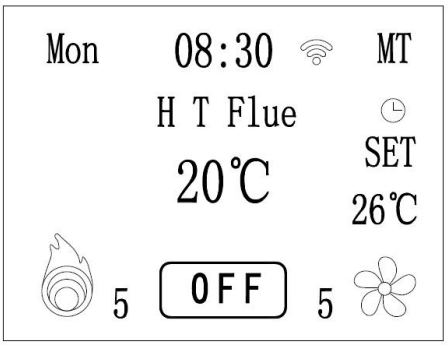
Cause:Ignition failure

Solution:1.Check pellet exists or not in hopper,refill if not.

2.Check slag-bonding exists or not in combustion blowl,please remove slag-bonding if it exists,and then relocate the bowl at right position.

3.Ignition succeeding but alarms also,maybe pellet feeds too little,please adjust 4PB, 5PB to enlarge pellet feeding.

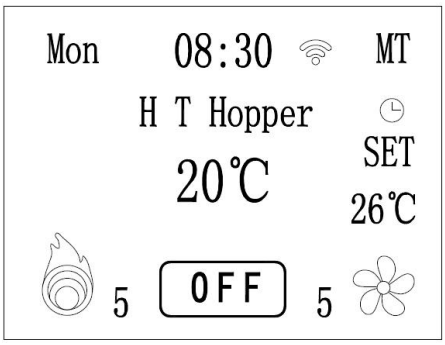
ALARM3:



Cause:Over temperature of flue gas

Solution:Decrease pellet feeding of auger motor in Chart 2.

ALARM4:

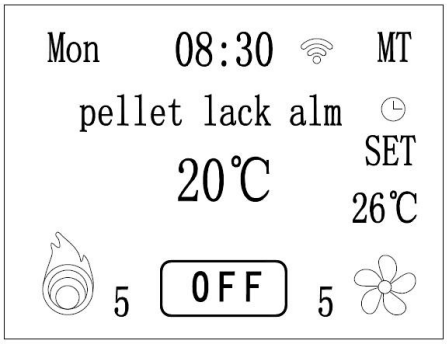


Cause:Over temperature in hopper.

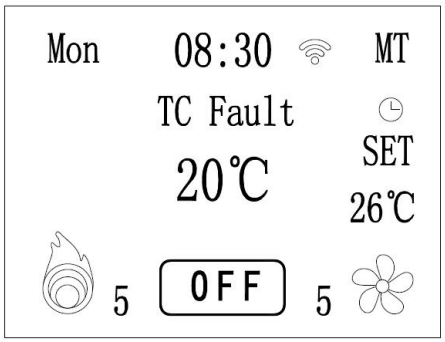
Solution:1.Decrease pellet feeding of auger motor in Chart 2.

2.Fault of switch of temperature control in hopper,replace with a new switch.

ALARM5:

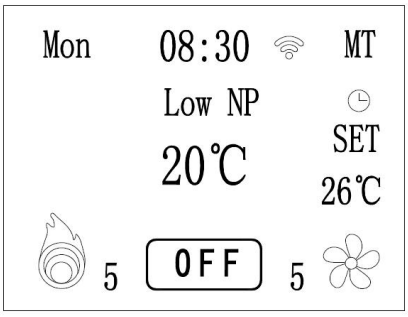


Cause:Hopper is empty.
Solution:Fill the hopper and re-start the stove.
ALARM6:



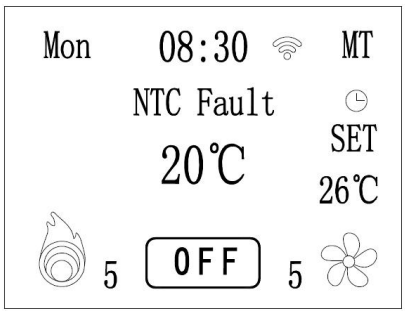
Cause:Thermocouple problem, wrong match with or poor contacting with anode and cathode.
Solution:1.Check the contacting of the thermocuple.
2.Change the thermocuple.

ALARM7:



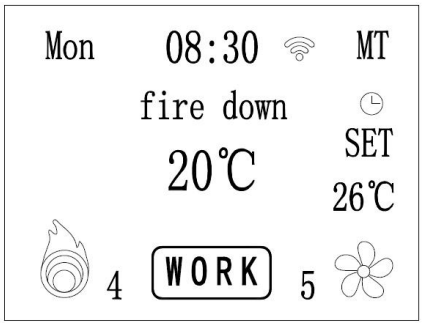
Cause:Pressure switch problem, or flue pipe with too low negative pressure.
Solution:1.Re-check or change the pressure switch.
2. Re-check or change the exhaust motor.
3.Re-check and close the door.
4.Check and clean the flue pipes.

ALARM8:



Cause:Tempreture sensor problem or poor contacting.
Solution: 1.Check the contacting.
2.Change the tempreture sensor.

ALARM9:



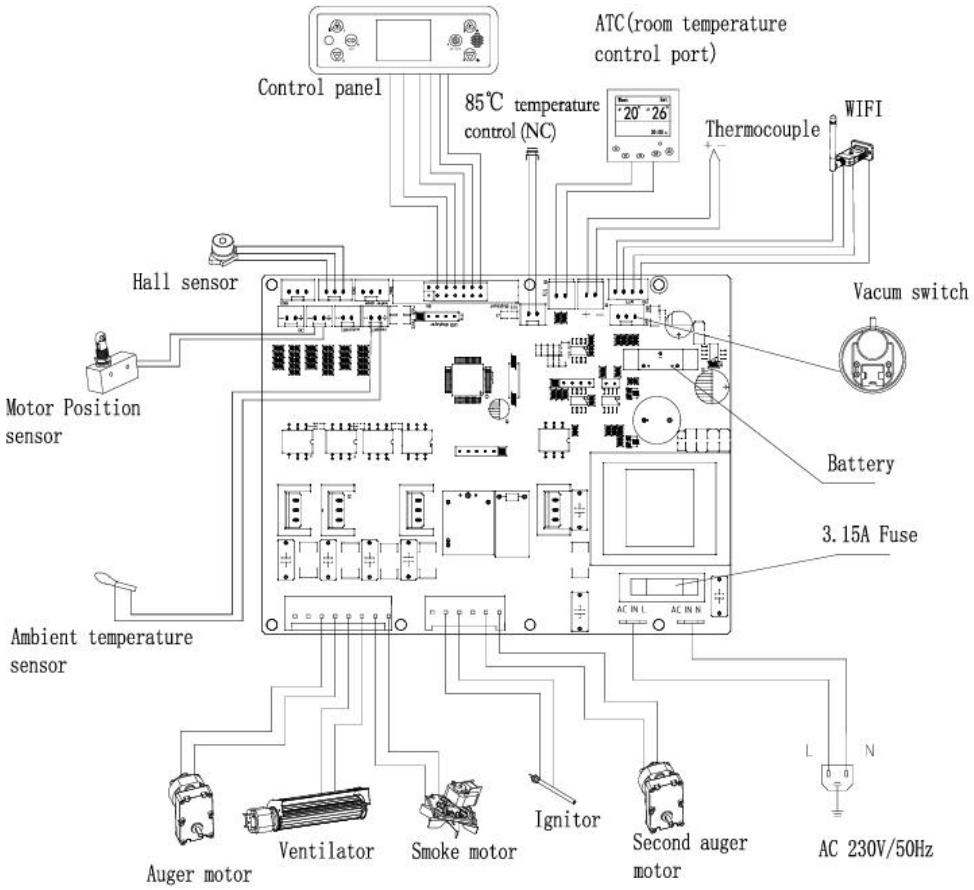
Cause:Over tempreture of flue gas.
Solution: 1.Decrease pellet feeding.
2.Change the mandatory downgrade temperature (after contacting the distributor).

8.2 Causes and solutions for faults

Item	Faults	Causes	Solutions	Remarks
1	Fire is burning weakly with orange flame; Front glass gradually turns black and burner pot is filling up with pellets	No enough air for combustion	1. Burner pot must fit tightly in its holder. Check its fit.. 2. Clear ashes and slag to ensure smooth ventilation. If necessary, please replace with higher-quality pellets. 3. Check the air inlet duct and flue. And ensure they are empty and clean. 4. Check the chimney without too much soot. 5. Check the tightness of the stove door. 6. Check if Smoke blower is properly working 7. Have the stove checked and cleaned by your dealer or a certified technician.	
2	The fire is extinguished, and the stove stops running.	1. The hopper is empty; 2. Pellets can't be conveyed 3. The chamber temperature is too low; 4. The front door is not sealed or properly closed; 5. Pellet quality is not good enough; 6. No sufficient pellets are being fed. The stove temperature is too high, and stove stops delivering pellets to the burner due to safe temperature limit (85℃ temperature control).	1. Refill the hopper; 2. Check the Error 3:. no pellets is being delivered; 3. Wait for one hour until the stove has been cooled down completely; 4. See the maintenance requirements herein; 5. Only use approved pellets; 6. Ask for professional to adjust your stove and use local pellets. 7. Manually restart the stove after the stove has been totally cooled down.	
3	No pellets is being delivered;	1. The hopper is empty; 2. Faulty PC board or auger motor ; 3. Auger feeding mechanism is blocked by screws or other objects. 4. Due to over-temperature, the auger has reached STL (safe temperature limit) and stopped.	1. Check the hopper: refill it if necessary 2. Ask for professional to check the stove; if needed, please replace the faulty parts. 3. Clean the auger or hopper. 4. Manually restart the stove after the stove has been totally cooled down.	

Item	Faults	Causes	Solutions	Remarks
4	The stove burns for a while, and then completely stops running.	1. The stove temperature does not reach the minimum limit. 2. This may be caused by the temperature sensor. Replace it 3. Defective wire connection of temperature sensor. 4 Defective PC board.	1. Clean the tubes and vents, and then ignite again. 2. Ask for professional to replace the temperature sensor and check the PC board. 3. Check wires for the temperature sensor are properly connected.	
5	The stove does not start	1. No power supply.	1. Please check the power connection, if the grid provides sufficient voltage. 2. Check the safety fuse behind the hopper.	
6	Ashes can be seen at outside of the stove.	1. The front door is open; 2. The exhaust system is not sealed.	1. Only open front door when stove is not in use. During operation, always keeps door closed. 2. Seal any leakage of the exhaust device, with high temperature resistant AL strip, sealing rope, and heat resistant silicon materials. Note: only check PC board and wire when stove is being unplugged. Repaired by professional only.	
7	Abnormal noise	1. Auger motor noise; 2. Blower noise; 3. Exhaust blower noise;	1. Check whether the auger motor runs properly. 2. Check the blower is working properly. If necessary, replace the high-temperature resistant damping cushion at the end of the blower; 3. Check the exhaust blower is working properly.	The normal noise of the stove during running is about 52dB (A) because the motors keep on running.

9 Wiring Diagram



10 Warranty instructions

According to the regulations, the warranty period of pellet stove produced by our company is 1 year (dated from the date of invoice). During the warranty period, the company will give free maintenance to all faults caused by the quality problems of products in normal use.

- During the warranty period, all faults caused by the quality problems of the products themselves should be repaired free of charge in the maintenance centers authorized by our company all over the country with the completed warranty card user associations and purchase invoices. Please return the warranty card to our company within 15 days after purchase.
- Machines that fail due to unauthorized modification or installation of other functions are not acceptable .
- Once the warranty card and purchase invoice are altered, the warranty will be invalid immediately.
- Preserve the warranty card and purchase invoice as the warranty certificate of this machine. Please keep them properly .

CE

ISO9001：2008

Anti-explosion

Some products are equipped with anti-explosion safety devices. Before switching on the product or, in any case, after any cleaning operation, make sure that the device is correctly positioned in its seat. The device is located on the firebox door upper edge.

