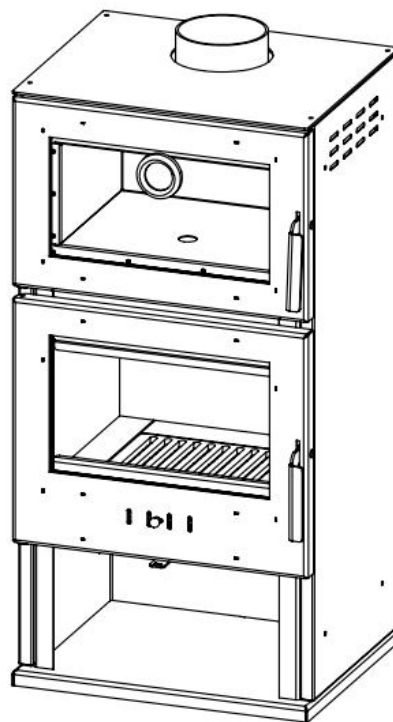


Instructions for Use of stove



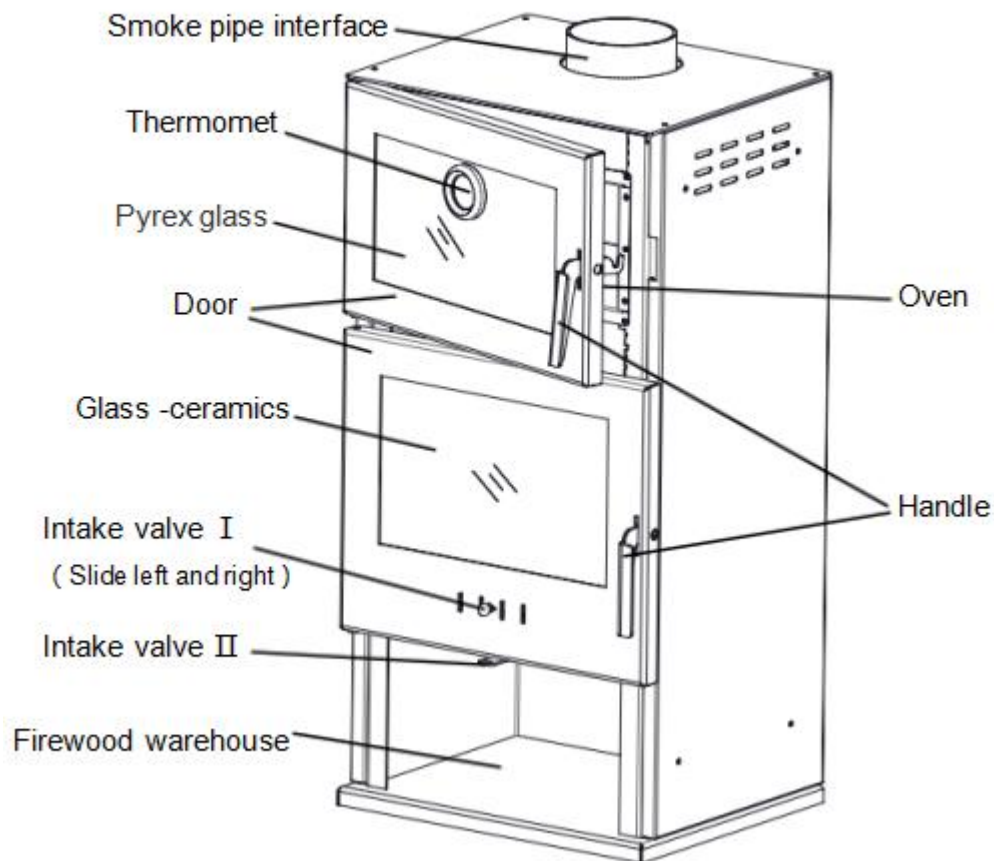
User Manual: Your Guide to Safe and Enjoyable stove Use. Learn How to Operate and Maintain Your stove for Maximum Comfort and Efficiency

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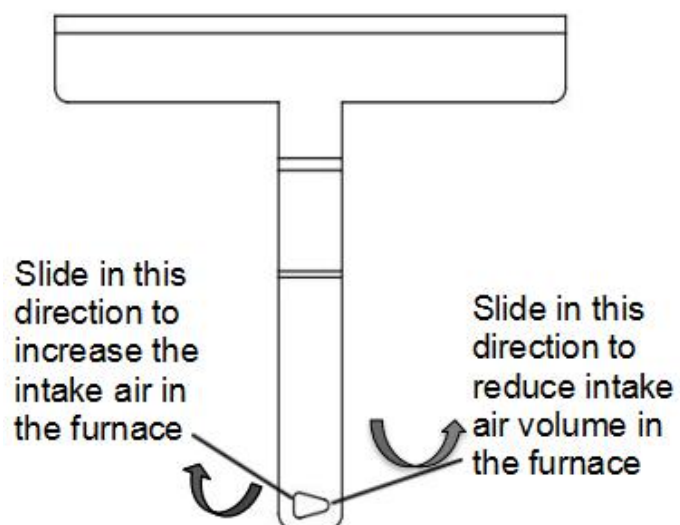
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1.Stove related parameters

Detailed explanation of fireplace



Intake valve



Specifications	
Model	QC-12
Nominal output power	8KW
Efficiency at Max	≥82%
smoke outlet pipe	5.9”(150mm)
N.W	242.51 lbs(110KG)
G.W	275.58 lbs(125KG)
Installation Type	Freestanding
Body material	Carbon steel
Paint	Forest brand
Oven glass size	14.96”*8.07” (380*205 mm)
Fire chamber glass size	14.96”*9.25” (380*235 mm)
Dimension	20.08”*18.11”*36.22” (510*460*920mm)
Certification	FDA Report

2. Safety Information and Environment

2.1 Safety guidelines

- ◆ Ensure that the installation and connections of the stove comply with national and local regulations.
- ◆ Hot while operation, keep children, clothing and furniture away. Contact may cause skin burns. Gloves may be needed for the stove operation.
- ◆ Using a stove with cracked or broken components, such as glass, firebricks or baffle may produce an unsafe condition and may damage the stove.
- ◆ Before use, check that the stove's ignition source and flue are clear, and the chimney is in good working order.
- ◆ Open the air control fully before opening the loading door.
- ◆ Never use gasoline, lantern fuel (naphtha), fuel oil, motor oil, kerosene, charcoal lighter fluid, or similar liquids or aerosols to start a fire in this stove. Keep all such liquids or aerosols well away from the stove while it is in use.
- ◆ Do not store fuel within heater minimum installation clearances.
- ◆ Burn only seasoned natural firewood.
- ◆ This appliance should always be maintained and operated in accordance with these instructions. Do not elevate the fire by using a grate.

- ◆ Do not use makeshift materials or make any compromises when installing this appliance
- ◆ Mixing of appliance components from different sources or modifying components may result in hazardous conditions. Where any such changes are planned, Stove Builder International Inc. Should be contacted in advance.
- ◆ Do not connect this unit to a chimney flue serving another appliance.

2.2 WHEN THE STOVE IS WORKING:

- NEVER OPEN THE DOOR;
- DO NOT TOUCH THE FUME OUTLET;
- DO NOT POUR ANY LIQUID INSIDE THE FIREBOX;
- DO NOT TOUCH THE DOOR GLASS AS IT BECOMES EXTREMELY HOT;
- KEEP CHILDREN AWAY FROM IT;
- DO NOT PERFORM ANY MAINTENANCE OPERATIONS IF THE STOVE IS NOT COLD, FOR EXAMPLE, CLEANING THE STAINS ON THE GLASS;
- FOLLOW ALL THE INSTRUCTIONS CONTAINED HEREIN.

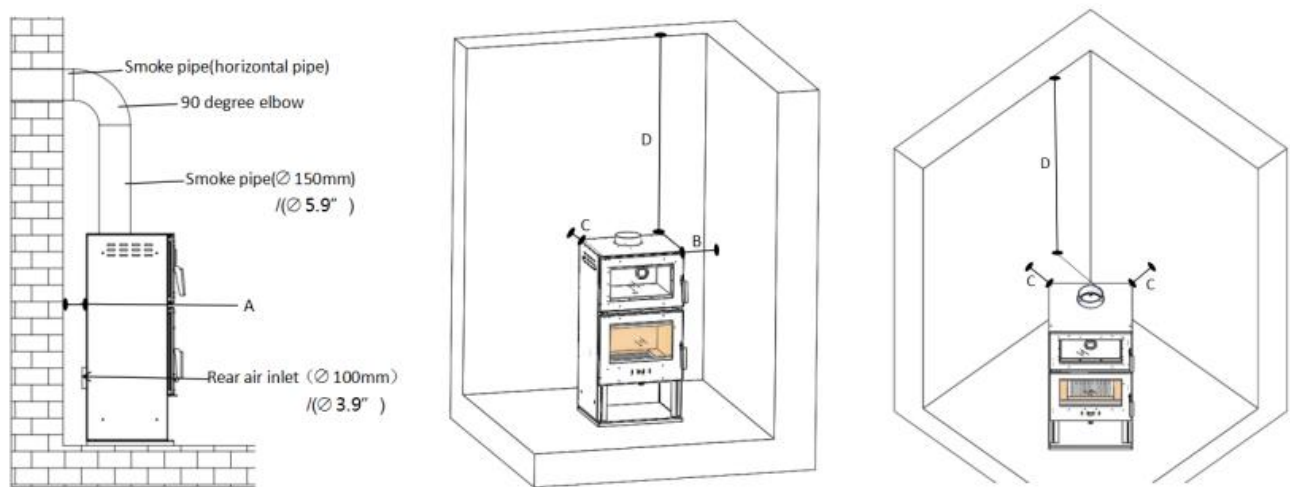
2.3 DO NOT BURN:

- CONSTRUCTION OR DEMOLITION DEBRIS;
- RAILROAD TIES OR PRESSURE-TREATED WOOD;
- GARBAGE;
- LAWN CLIPPINGS OR YARD WASTE;
- SALT WATER DRIFTWOOD OR OTHER PREVIOUSLY SALT
WATER SATURATED MATERIALS;
- UNSEASONED WOOD;
- MATERIALS CONTAINING RUBBER, INCLUDING TIRES;
- MATERIALS CONTAINING PLASTIC;
- MATERIALS CONTAINING ASBESTOS;
- MANURE OR ANIMAL REMAINS;
- BURNING THESE MATERIALS MAY RESULT IN THE RELEASE
OF TOXIC FUMES OR RENDER THE HEATER INEFFECTIVE AND
CAUSE SMOKE;
- WASTE PETROLEUM PRODUCTS, PAINTS OR PAINT THINNERS,
OR ASPHALT PRODUCTS.

3. Installation guide for stove

3.1 Distance between stove installation and wall

This stove uses 5.9" (150mm) diameter Chimney and other accessories , 118.1"-196.9" (3-5 meter) to combustibles and building properly insulation from chimney required.



A. Rear wall distance:

The standard requires maintaining a distance of at least 5.9"-11.8" (150mm-300mm). This can ensure that the rear wall has sufficient space for heat dissipation and avoid overheating.

B. C. Side wall distance:

It is recommended to maintain a distance of 11.8"-23.6" (300mm-600mm) between the walls on both sides. This can ensure sufficient air circulation around the stove.

D. Top distance:

A distance of at least 59" (1.5meter) should be maintained between the

top of the stove and the ceiling or combustible materials. This can prevent the top from overheating and causing a fire.

If your room has wooden walls and does not have any insulation installed, the distance between the fireplace and the wall needs to be at least 39.4" (1meter).

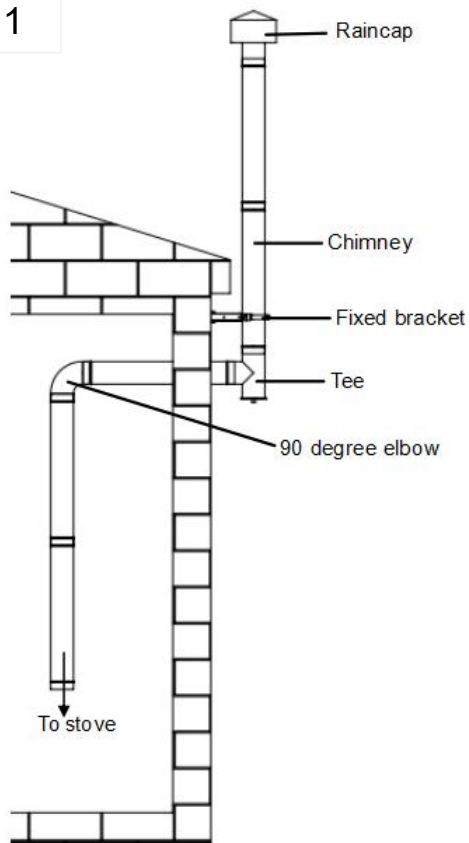


- When installing a wood burning fireplace, a safe distance between the fireplace and surrounding walls is crucial to ensure safety and fire protection. The material of the wall directly affects the minimum distance required. please refer to local building regulations and the specific recommendations of the fireplace manufacturer.
- When choosing the distance, Comply with all minimum clearances to combustibles as specified. Failure to comply may cause house fire.

3.2 Installation of stove accessories

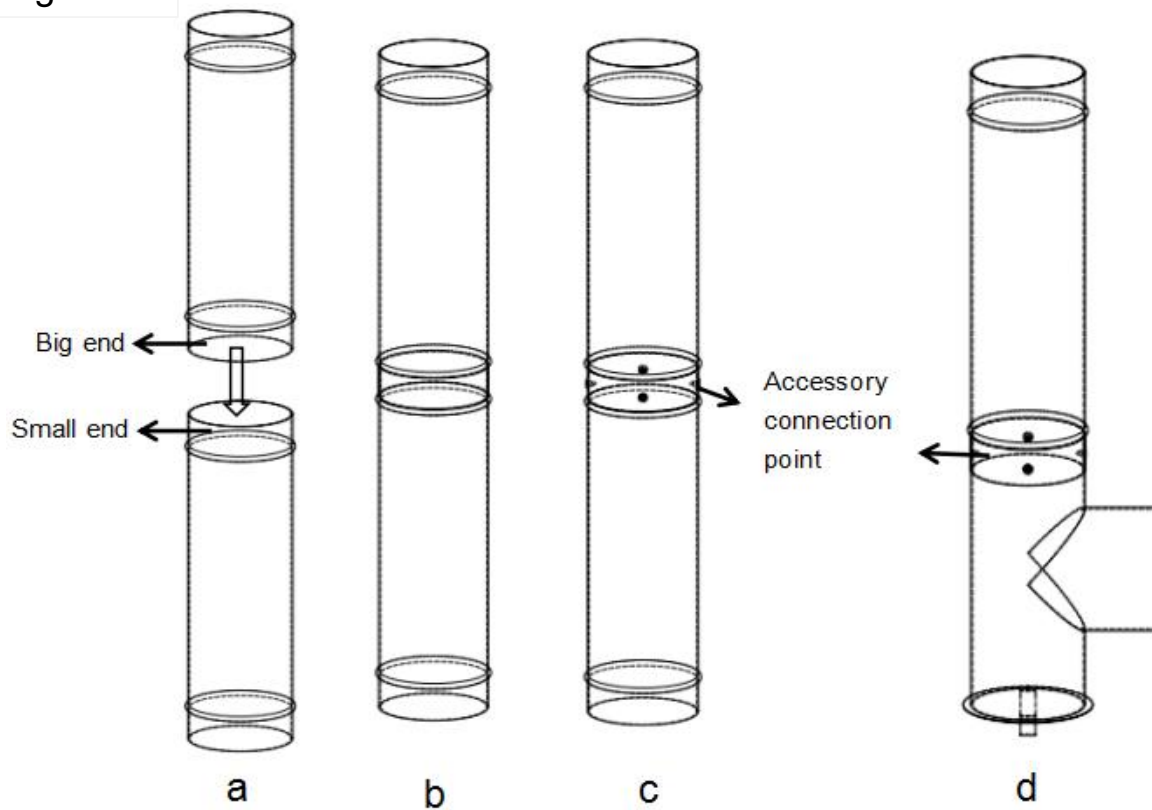
If you are using the cigarette tube we provide, please refer to the installation instructions. (If it is not provided by us, you can also refer to it as appropriate.)

Figure 1



(As shown in Figure 1) .The location of important accessories can be referred to.

Figure 2



(As shown in Figure 2) When installing a wood-burning stove, it is crucial to ensure that all accessories are installed correctly. Below are the installation guidelines for key components, particularly regarding the flue pipes and cutting procedures.

3.2.1. Flue Pipes

(1) Types of Flue Pipes:

(As shown in a-b in Figure 2)

- **Small End (Male End):** This is the end that inserts into the other pipe or component, typically connecting to the fireplace or another flue pipe section.
- **Big End (Female End):** This is the outer end that receives the small end of the next pipe segment.

(2) Cutting Instructions:

- If you need to adjust the length of the flue pipe, only cut the small end to maintain a secure connection and ensure proper sealing.
- **Cutting Tools:** Use appropriate cutting tools (such as a metal cutting saw) to make the cut, ensuring the cut edge is smooth.

3.2.2 Installation Steps

- **Step 1:** Measure the required length of the flue pipe based on the installation location and mark the cutting point.
- **Step 2:** Carefully cut the small end of the flue pipe using a metal cutting saw, ensuring the cut edge is straight and even.
- **Step 3:** Connect the cut flue pipe to the fireplace and other components, ensuring that the connection is tight.
- **Step 4:** Use high-temperature sealant at the connection points to prevent any flue gas leaks. If a tighter fit is required, outdoor accessories can be fixed using rivets. (As shown in c-d in Figure 2)

4. Use and maintenance

4.1 Ignite steps

- (1) Before burning the furnace, open the ash box to see if it needs to be cleaned, and try not to open the ash box during combustion.
- (2) When lighting a fire, the air vents should be fully open.
- (3) Open the stove and put large firewood first, then small firewood, and a piece of alcohol blocks or other permitted safety combustion aids in the middle for ignition. (Separate packaged alcohol blocks should be torn open before use to avoid sudden explosion during ignition).
- (4) Open intake valve I / II to their maximum position.
- (5) Use an igniter to ignite.
- (6) Close a part of the stove door, please do not close all the doors tightly to prevent the glass from burning black. It is best to open a small crack in the door to increase the air intake. After the firewood in the furnace starts to burn fully (15mins-30mins), close the furnace door tightly.
- (7) Slide the stove intake valve II to adjust the intake air in the furnace to control the firepower of the firewood.
- (8) Intake valve I remains normally open.

4.2 Cooking

Your stove comes as standard ready to cook in various ways. An oven stove combines the functions of a stove and an oven, making it a versatile heating and cooking device. In addition to providing a warm flame and comfortable heat source, it can also be used as an oven for baking food, cooking gourmet meals, making oven dishes, and more.

4.2.1 Thermometer

Equipped with a thermometer on the stove, you can easily monitor the temperature inside the oven. This design allows you to control the temperature of the oven more precisely, ensuring that food can be baked or cooked at the appropriate temperature to achieve ideal cooking results.

4.2.2 Oven

The oven is partially replaceable, which means that when it gets older or needs to be replaced, you can replace the oven without having to replace the entire stove. This design increases the maintainability and sustainability of the stove, giving it a longer lifespan.

Cooking on here as well as on any of the optional add-on cook options, with a bit of practice will reward you with some amazing food and an experience unrivalled on any regular domestic oven. You can grill pizza,

egg tarts, steak, vegetables, make soup in a clay pot, and so on.

There are however more variables, specifically temperature control, which will require a little understanding and practice. Hope you can obtain delicious food through practice and connection.



tips

- Choose baking pans and cookware that are suitable for high temperatures and avoid plastic or materials that are not resistant to high temperatures.
- Do not burn harmful materials such as plastics and chemicals in the oven.
- Frequently opening the oven door will cause heat loss and affect cooking results.
- The oven is made of stainless steel. Do not use wire brushes or other cleaning tools that can easily leave scratches to clean the oven.
- Should wait until the fireplace has completely cooled down before cleaning the oven.

4.3 Burning Wood Efficiently

4.3.1 First Use

Two things happen when burning the first few fires; the paint cures and the internal components are conditioned. As the paint cures, some of the chemicals vaporize. The vapors are not poisonous, but they smell bad. Fresh paint fumes can also trigger false alarms in smoke detectors. When lighting the heater for the first few times, it may be wise to open doors and windows to ventilate the house. Burn two or three small fires to begin the curing and conditioning process. Then build bigger and hotter fires until there is no longer paint smell from the stove. As hotter and hotter fires are burned, more of the painted surfaces reach the curing temperature of the paint. The smell of curing paint does not disappear until one or two very hot fires have been burned.

TIP:USING THE APPLIANCE FOR THE FIRST TIME

- (1) For the first few times the appliance is lit, odorous fumes will be given off as the paint cures.
- (2) Do not touch the paint work while it is curing otherwise it can leave a permanent mark on the appliance.
- (3) Keep the room well ventilated until these fumes have cleared.
- (4) Once the paint has cured, this will not re-occur.

4.3.2 Lighting Fires

Each person heating with wood develops its own favorite way to light fires. Regardless of the method chosen, the goal should be to have a hot fire burning, quickly. A fire that ignites fast produces less smoke and deposits less creosote in the chimney.



Never use gasoline, gasoline-type lantern fuel (naphtha), fuel oil, motor oil, kerosene, charcoal lighter fluid, or similar liquids or aerosols to start or ‘freshen up’ a fire in this wood stove. Keep all such liquids well away from the stove while it is in use.

4.4 To put wood burning stove out

- Ensure that the door to the stove is shut.
- Don't add any further bits of wood to the fire.
- Fully close any controllable air vents on the stove to cut off the oxygen supply to the fire.

4.5 Cleaning ash and cleaning

- Turn off the stove and wait at least 24 hours for it to cool down.

- Remove the ashes using a metal shovel or hearth tool, and place them in a metal container.
- Clean the inside of the stove using a brush or vacuum cleaner. If using a vacuum, make sure it has a filter to prevent dust from escaping.
- Check for any blockages or damage to the stove doors, flue, and chimney, and repair or replace as necessary.
- Clean your stove at least once a season to ensure it operates efficiently and safely.

Painted and plated surfaces can be wiped down with a soft, damp cloth. If the paint is scratched or damaged, it is possible to repaint the heater with a heat-resistant paint. Do not clean or paint the appliance when it is hot.

4.6 Maintenance

This heater will give many years of reliable service if used and maintained properly. Internal components of the firebox such as firebricks or refractory panels, baffle and air tubes will wear over time. Defective parts should always be replaced with original parts.

5. House Fire Safety Tips

When using a wood burning fireplace, safety is the primary concern.

To prevent fires, users should follow these guidelines:

5.1 Installation location

-  **Choose the right location:** Make sure the fireplace is installed away from flammable materials such as wood products, fabrics, etc.
-  **Wall and ceiling distance:** Follow the manufacturer's installation recommendations to ensure a safe distance between the fireplace and walls and ceilings. (Installation distance can refer to section 3.1).

5.2 Use the right fuel

-  **Choose dry wood:** Use only dry, untreated wood for fuel and avoid plastics, chemicals and other materials that tend to produce harmful smoke or flames.
-  **Avoid overburning:** Don't put too much wood in the fireplace to avoid setting the flame too high, creating a fire risk.

5.3 Regular maintenance

-  **Check the flue:** Check the flue and chimney regularly to ensure there are no carbon deposits or blockages and maintain good ventilation.
-  **Clean out ashes:** After your fireplace has cooled, regularly clear out ashes from the hearth to prevent fire hazards.

5.4 Install smoke detectors

Install smoke detectors: Install smoke detectors near fireplaces and other areas of the house and make sure they are working properly. Check battery and functionality regularly.

5.5 Prepare fire-fighting equipment

-  **Have a fire extinguisher:** Have the right fire extinguisher in your home and make sure your family knows how to use it. Choose a fire extinguisher suitable for oil and wood fires.
-  **Know your escape routes:** Know and plan your escape routes in the event of a fire and make sure all family members know them.

Thank you for choosing our stove as a source of warmth and comfort in your home. We hope that this user manual has provided you with all the information you need to safely and effectively operate your stove. If you have any further questions or concerns, please do not hesitate to contact us for assistance: LuisaMiller@aliyun.com.
Enjoy your cozy fireside moments!