



Operation Manual

OUTDOOR WOOD PELLET HEATER

Model: Q 05

WARNING:

- **FOR OUTDOOR USE ONLY:** This outdoor patio heater is for outdoor use only, and should only be used in a well ventilated area. This product is NOT to be used indoors.
- **DO NOT:** Store or use any flammable liquids or solid combustibles in or near this product.

IMPORTANT:

Your safety is very important, please read this manual thoroughly before you install, operate or maintain this heater. Keep this manual for future reference. If you have questions about assembly, operation, service or repair of this stove, please reach us directly.

WARNING:

FOR OUTDOOR USE ONLY!

HOT SURFACE WHEN BURNING! KEEP CHILDREN AND

PETS AWAY.

SAVE THIS MANUAL FOR FUTURE REFERENCE

Table of Contents

Important Warnings.....	2
Thank You.....	3
Specification.....	3
Important Safety Precautions.....	3
Assembly.....	4
Installation.....	9
Operation.....	9
Storage.....	9
Maintenance.....	10
To Stop the Unit during a Firing.....	10
Service and Warranty Information.....	10
Warranty Terms.....	10

IMPORTANT WARNING

- Fuels used in gas, wood or oil-fired appliances and the products of combustion of such fuels, contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. California Health and Safety Code Sec.25249.6
- Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage from hazards of fire, explosion, burn, asphyxiation, carbon monoxide poisoning. Please be sure you understand all operating instructions before operation or service of this stove. Read the installation operation and maintenance instructions thoroughly before installing or servicing this equipment.
- Follow the correct lighting and usage procedures. Handle metal parts with care to avoid injuries. Never allow children to operate this heater.
- Do not store or use gasoline or other flammable vapors and liquids, solid combustibles in the vicinity of this appliance.
- Maintain a safe distance away from the stove as it is extremely hot during operation.

Thank you

Thank you for choosing a heater from QSTOVES INC. By heating with wood pellets, a type of eco-friendly biomass fuel, you're helping to conserve natural resources.

Wood is our only Renewable Energy Resource. Please do your part to preserve our wood supply. Plant at least one tree each year. Future generations will thank you.



Specifications*

Model No..... Q05
Type of Fuel..... wood pellets 1/4" (.006cm) diameter by 1/2" (.012 cm)
Input rating..... 70,000 BTU/HR
Overall Height..... 80" (2.032M)
Stove Height..... 28/19" (.71/.48cm) (with/without hopper)
Stove Diameter..... 12" (.30cm)
Reflector Diameter..... 20" (.5cm)
Chimney Diameter..... 6" (.15cm)
Window..... 5X4" (.127cmx.1cm)
Ignition manually light with a match and alcohol gel firelighter
Electrical connection..... Not Required
Net/Gross Weight..... 66/68LBS (29.93kg/30.85kg)

* Specifications are subject to change without prior notice.

Important Safety Precautions

To ensure safe use of your outdoor wood pellet patio heater, you are requested to pay close attention ALL safety requirements. This is a wood pellet, direct-vented heater, all of the combustion products leave the stove from the chimney/smokestack. Byproducts of combustion from this unit include carbon monoxide. Carbon monoxide is toxic. *Carbon Monoxide can build up in a heated space and failure to provide adequate ventilation could result in death.* Always be sure there is plenty of ventilation when the stove is in use. Always follow the advice about ventilation in these operating instructions.

FOR OUTDOOR USE ONLY.

DO NOT USE THIS UNIT IN AN ENCLOSED SPACE

Alert both children and elders to the hazard of high surface temperatures.

Your children and pets should be supervised when they are in vicinity of this heater.

This outdoor patio heater must be used for outdoors only in a well ventilated area and not be used in a vehicle or any enclosed building or space.

Always place the heater on a level stable surface.

Do not move or touch the heater while it is hot or burning.

Do not alter or modify the heater in any manner.

Always keep at least a 3 ft. (.914 m) clearance from the heater to any combustible material.

This Heater is to be used on a flat level non-combustible surface only.

Install on flat level non-combustible surface (concrete, tile, stone, etc.)

Do not use the heater if the wind velocity is greater than 10 miles per hour.

Do not spray aerosols near the heater while in use.

Do not clean heater with combustible or corrosive cleaners. Use warm, soapy water.

Do not hang clothing or flammable materials either on or near heater.

Allow 60 or more minutes for the heater to cool down after use before attempting to move your heater.

Do not operate a damaged heater.

Never use petroleum based flammable vapors or liquids in or near this heater

Warning:

When the heater is to be operated in the presence of other people, the owner/purchaser is required to inform people unfamiliar with the operation of the patio heater of the instructions, and of the hazards involved of operation. If this heater is used in a commercial or rental installation, it is the responsibility of the purchaser to check with the local codes for properly inform the user of the safety precautions and instructions. The owner's manual should always stay with the unit.

Failure to comply with the precautions and instructions provided with this heater can result in death serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation or carbon monoxide poisoning. Be sure you understand all operation instructions before attempting to operate or service this heater. **QSTOVES WILL NOT BE RESPONSIBLE FOR INJURY, DEATH OR PROPERTY DAMAGE IF INSTRUCTIONS IN THIS MANUAL ARE NOT FOLLOWED.**

1. Assembly

Note: Partial assembly has been done for you. The assembly of this heater requires basic mechanical skills. Proper assembly is the responsibility of the purchaser. All service and repairs should be done by a qualified person.

Tools required for assembly are:

Phillips Screwdriver

pliers

1.1 Unpacking

Carefully remove the all parts from the box. The paint on the stove is not fully cured until after you fire the unit on its initial firing, so use care when handling painted parts and put them onto soft surface.

Find and identify the following parts:



1.2 Checking Every Part:

Inspect the contents of your new heater for shipping damage or missing pieces or hardware.

1.3 Installing the feet:

Lean the base of the heater back or lay and its front to thread in the feet to the bottom.





Assemble the ash drawer handle by installing 2 screws and nuts to the tray. Then slide it into place.



Install the section of chimney on the base of the unit that does not have the damper. Then install the damper section next. Interlock the stove pipe so they lock into place and are even at the edges. Fit the longer section to the screened section.





Thread the 3 screws through the tabs into the deflector disk. Then attach the long section of stove pipe to the completed screened section. Place the top stack onto the heater assembly.



Once the stove pipes are firmly fitted together it is complete.

Installation

2.1 Installation warning

The installation must conform with local, state and federal codes. In absence of such codes, install in accordance with the current American National Standard (ANSI)/National Fire Protection Association (NFPA) codes.

2.2 Minimum clearances

A minimum 3 ft. (.914 M) clearance from this heater and all its parts to combustible materials must be maintained at all times while the heater is in operation.

2.3 This Heater is to be used on a flat level non-combustible surface only. Install on flat level non-combustible surface (concrete, tile, stone, etc.)

2. Operation

3.1 Preparation before lighting.

3.2 Please review thoroughly and be sure you understand all of the “safety precautions and warnings”.

3.3 The fire grate is already fixed into the firebox by screws. Make sure it is in its position and fixed well.

3.4 Pour pellets in both hoppers.

INITIAL FIRING OF THE HEATER: Place the starter box in between the pellet downspouts in the burn chamber. On initial firing only fill the hoppers with about 5 lbs. of pellets each, just make the pellets feeding tubes full. This one time initial firing needs to be done to cure the paint and burn off any oils on the unit. Open the air damper on the heater door and leave it open for the entire initial burn period. Fire the unit and let it burn through all of the pellets and then let the heater cool. The unit is now fully cured. When curing the paint gives off smoke. This will happen for about the first 15 minutes of operation. Do not breath these fumes, they can make you sick or deliver other related symptoms.

3.5 Never attempt to relight a hot heater, always wait until the heater is cool.

3.6 Fill both hoppers completely with pellets.

3.7 Lighting

3.8 Open the door and squirt about two tablespoons of alcohol fire gel on the mound of wood pellets in the middle of the firebox. Pellets will have funneled down from the right and left feeding tube. Do not use charcoal lighter to light the unit, it will raise the temperature too quickly, could affect the paint on the unit, and poses a dangerous risk.

3.9 Light the alcohol fire gel with a match and close the door.

3.10 Open the air damper below the door for the first ten minutes of a burn. Always use tools or hook to operate the damper as the surface will be very hot.

3.11 Standard burn time for the heater on two full hoppers is about 3 hours. You can extend this burn time by adding pellets to the hoppers during the burn or adjusting the vents to slow down the intensity of the flames.

3.12 Keeping the fire: by adjusting the air damper, you can keep your fire burning up or down. Push-and-pull the ash dumper handle to make the ash falling down to the ash pan, that will help keep the fire burning up. *Always use tools or hook because the surface of the heater is very hot.*

4. Storage

4.1 When you are finished using the heater you should make sure that the fire is completely out. Allow at least 60 minutes for the heater to cool down before moving.

4.2 All unused wood pellets need to be moved out from the hoppers, feeding tunnels

and combustion chamber. Pellets collect moisture when exposed to the air making them less flammable and will swell and stick to metal surfaces.

4.3 Store the heater upright in a sheltered area away from weather such as rain, snow and dust.

4.4 This unit is manufactured as an "Outdoor Unit" from steel. If you leave it in the weather it will accumulate rust. This is normal and can be treated by using high temp spray paint not included with the heater.

5. Maintenance

5.1 To obtain the best performance from your heater make sure you perform the following maintenance procedures on a regular basis.

5.2 After a burn and once the heater is completely cooled, clean out any remaining ashes from on top of the fire grate and in the ash pan. Do not dump an ash pan with hot embers or pellets into a garbage can or any other combustible area. It will start a fire.

5.3 Keep exterior surfaces clean. Use warm soapy water for cleaning.

5.4 Never use flammable or corrosive cleaning agents on or near this stove.

5.5 Brush out dampers and clean out the spark arrestor to keep it unobstructed.

Caution:

Never burn stick wood or plastic or other combustibles in this stove. Burn only 1/4" (.006cm) diameter wood pellets. Never spray any cleaning product on or into any of the doors, air intakes, or dampers.

6. To Stop the Unit during a Firing.

To stop the flow of pellets, push in on the handles located on each side of the base. It will take 15 to 30 minutes for the pellets left in the chutes and in the chamber to burn off.

7. Service and Warranty Information

To learn how to service and procure parts that are worn out, defective or damaged, please call us directly or contact us through our website for assistance. Warning: Use our original equipment replaced parts only. Use of unauthorized parts or modification of parts can void warranty and create an unsafe condition.

8. Warranty Terms

Subject to the conditions set out below, this product is warranted to the original purchaser to be free from defects in workmanship and materials for 90 days from the date of purchase. This warranty does not include the paint and/or finish on the heater.

6.1 Satisfactory proof of the purchase date must be furnished at the time of notification of the defect for any claim under the warranty to be enforceable.

6.2 This warranty covers all parts found defective in workmanship and/or materials during the warranty period and can be repaired or replaced at the discretion of the manufacture at no cost to the original purchaser.

6.3 This warranty will be void and accordingly no claim of any nature will be enforceable if the product has not been assembled, installed or operated according to the instructions, subjected to abuse improperly treated, neglected, rusted by exposure to the elements, misused and/or if any repairs.

6.4 Return must be properly packaged and freight prepaid to us.

6.5 Each of the manufacturer, distributor and retailer will not be liable for any incidental or consequential loss or damage arising from the installation or operation for the product and/or the failure of any part for any reason.

6.6 There are no other expressed or implied warranties, except for those stipulated herein. This warranty gives specific rights to the original purchaser and may have additional rights and remedies under the law.

6.7 This warranty does not cover commercial or rental use.

6.8 Rust and oxidation is a normally occurring process for any metal exposed to the elements and is expressly not covered under our warranty.

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WWW.QSTOVES.COM

WEAR PROTECTIVE GLOVES WHEN ASSEMBLING.

CAUTION!

PAINT IS EXTREMELY FRAGILE PRIOR TO CURING.

GENTLY UNWRAP ALL PARTS.

DO NOT SET PAINTED PARTS ON ABRASIVE SURFACES.

Version 5.1