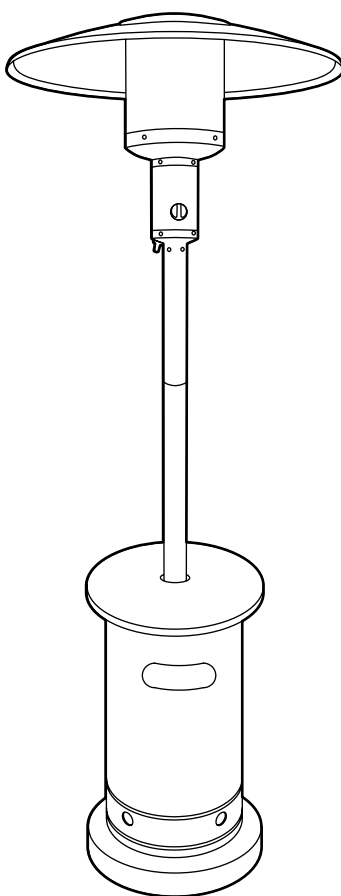




Item #1001 362 427
Model #68164

USE AND CARE GUIDE

PATIO HEATER



Questions, problems, missing parts? Before returning to the store,
call Hampton Bay Customer Service
8 a.m. - 7 p.m., EST, Monday – Friday, 9 a.m. – 6 p.m., EST, Saturday

1-855-HD-HAMPTON

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THANK YOU

We appreciate the trust and confidence you have placed in Hampton Bay through the purchase of this patio heater. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Hampton Bay!

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Safety Information

READ AND SAVE THESE INSTRUCTIONS

Read this manual carefully before assembling, using, or servicing this heater. Keep this manual for future reference.

IF YOU SMELL GAS

If you smell gas:

1. Shut off gas to the heater.
2. Extinguish any open flame.
3. If the odor continues, keep away from the heater and immediately call your gas supplier or fire department.

GENERAL SAFETY INFORMATION

This manual contains important information about the assembly, operation, and maintenance of this patio heater. General safety information is presented in these first few pages and is also located throughout the manual.

- Keep this manual for future reference and to educate new users of this product. This manual should be read in conjunction with the labeling on the product.
- Safety precautions are essential when any mechanical or propane-fueled equipment is involved. These precautions are necessary when using, storing, and servicing. Using this equipment with the respect and caution demanded will reduce the possibilities of personal injury or property damage.
- Equip your home with at least 1 smoke detector on each floor.
- Keep at least one dry-powder operative ABC-type fire extinguisher in the home at all times.
- Keep areas around heat sources free from papers and trash.
- Store paints, solvents, and flammable liquids away from all heat and ignition sources.
- Develop a fire-escape plan before a fire occurs. Be sure every person understands the plan and is able to carry out the plan in case of emergency.
- If your clothing catches fire, do not run. Drop down immediately and roll to smother the flames.

The following symbols are used extensively throughout this manual. Always pay attention to these precautions as they are essential when using any mechanical or fueled equipment.



DANGER: Indicates an immediately hazardous situation which, if not avoided, will result in death or serious injury.



WARNING: Indicates an imminently hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION: Indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

PERSONAL SAFETY



DANGER: 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, and/or carbon monoxide poisoning. Only people who can understand and follow the instructions should use or service this heater.



WARNING: For outdoor use only.



WARNING: Do not store or use gasoline or other flammable vapor and liquids in the vicinity of this or any other appliance. An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.



WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

▲ DANGER



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor.
Using it in an enclosed space can kill you.
Never use this appliance in an enclosed space such as a camper, tent, car or home.

Safety Information (continued)

WARNING: California Proposition 65



Combustion by products produced when using this product contain chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm.

DANGER: EXPLOSION – FIRE HAZARD



- Keep solid combustibles, such as building materials, paper or cardboard, a safe distance away from the heater as recommended by the instructions.
- Provide adequate clearances around air openings into the combustion chamber.
- Never use the heater in spaces which do or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals.
- During operation, this product can be a source of ignition. Keep the heater area clear and free from combustible materials, gasoline, paint thinner, cleaning solvents, and other flammable vapors and liquids. Do not use the heater in areas with high dust content. Minimum heater clearances from combustible materials: 3 ft. From the sides and 2 ft. from the top.

DANGER: CARBON MONOXIDE HAZARD



- This heater is a combustion appliance. All combustion appliances produce carbon monoxide (CO) during the combustion process. This product is designed to produce extremely minute, non-hazardous amounts of CO if used and maintained in accordance with all warnings and instructions. Do not block air flow into or out of the heater.
- Carbon Monoxide poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue, and possibly death. You cannot see it and you cannot smell it. It is an invisible killer. If these symptoms are present during operation of this product, get fresh air immediately. For outdoor use only.
- Never use inside a house or other unventilated or enclosed area.
- This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

WARNING: BURN HAZARD



Never leave the heater unattended when hot or in use. Keep out of the reach of children.

PROPANE GAS PRECAUTIONS

DANGER: EXPLOSION – FIRE HAZARD



- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources, or where temperatures exceed 120°F (48°C).
- Propane vapors are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- Never install or remove propane cylinder while the heater is lit near flame, pilot lights, other ignition sources, or while the heater is hot to the touch.
- This heater is red hot during use and can ignite flammables too close to the burner. Keep flammables at least 2 ft. from sides and 3 ft. from top. Keep gasoline and other flammable liquids and vapors well away from the heater.
- The propane cylinder must always be stored outdoors in a well-ventilated space. Never store the propane cylinder in an enclosed area (house, garage, etc). If the heater is to be stored indoors, disconnect the propane cylinder for outdoor storage.

WARNING: This product is fueled by propane gas. Propane gas is invisible, odorless, and flammable. An odorant is normally added to help detect leaks and can be described as a “rotten egg” smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.



Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks, or open flames of any kind many feet away from the original leak. Use only propane gas set up for vapor withdrawal.

Propane gas should be stored or used in compliance with local ordinances and codes or with ANSI/NFPA 58. Turn off propane when not in use.

FIRST AID FOR BURNS

EYES

Seek medical attention immediately. Do not put ointments or liquids in eyes.

ELSEWHERE

- Consult a doctor if the burn has not healed in 24 hours or the burn is larger than the size of a palm.
- If serious, send promptly for an ambulance or doctor.
- If possible, run the affected area under cold water, (not ice or ice water) for 10-15 minutes if the skin is intact. Cut and gently lift away any clothing covering the burned area, without pulling clothing over the burns. Leave in place any clothing that is stuck to the burns. Do not put any creams or greases on the burned area.

Safety Information (continued)

- If the hands or wrists have been burned, remove jewelry if possible without causing further injury. This prevents the necessity of having to cut off jewelry since swelling usually occurs as the result of a burn.
- Do not pop any blisters. Cover the burn with a light gauze dressing.
- If blisters pop, apply a light antibiotic ointment and dress the wound area with gauze as previously described.

Warranty

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Contact the Customer Service Team at 1-855-HD-HAMPTON or visit www.HAMPTONBAY.com.

Pre-Assembly

PLANNING ASSEMBLY

Carefully lay all parts out on a soft surface and compare all parts to the Package Contents list. If any part appears missing or damaged, do not use this product and call customer service immediately.

TOOLS REQUIRED



Wrench



Phillips
screwdriver

HARDWARE INCLUDED

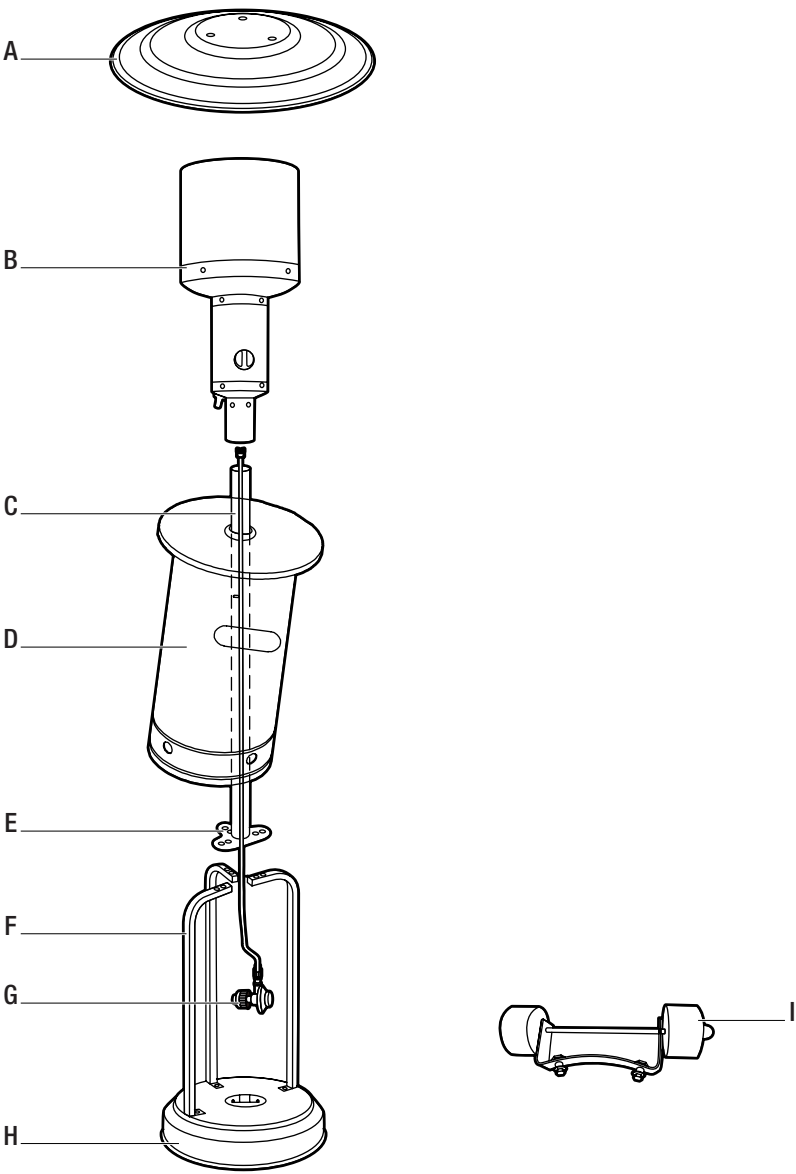


Part	Description	Quantity
AA	M6 x10 bolt	8
BB	M6 nut	14
CC	M8 bolt	3
DD	M6 x 22 bolt	6
EE	Wrench	1
FF	Reflector stud	3
GG	Wing nut	3

Part	Description	Quantity
HH	M8 washer	6
II	Anchoring arm	3
JJ	Anchoring nut	3
KK	Cap nut	9
LL	Small screw	9
MM	Webbing	1

Pre-Assembly (continued)

PACKAGE CONTENTS



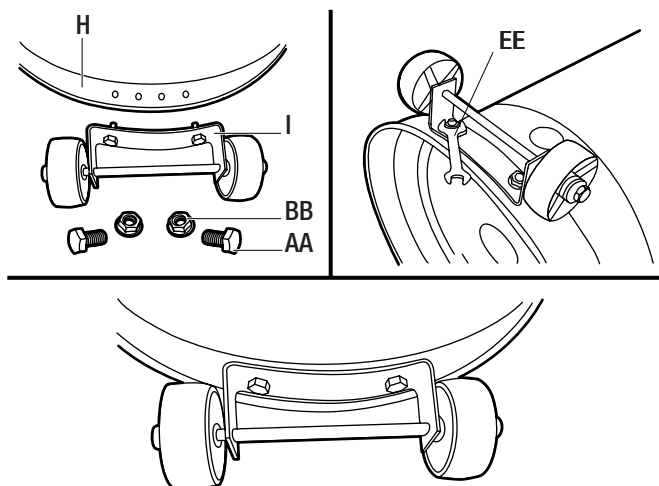
Part	Description	Quantity
A	Reflector	1
B	Head assembly	1
C	Post	1
D	Tank housing	1
E	Post support	1
F	Support legs	3
G	Regulator	1
H	Base	1
I	Wheel assembly	1

Assembly

1 Attaching the wheel assembly to the base

If your model did not come with a wheel assembly, proceed to step 2.

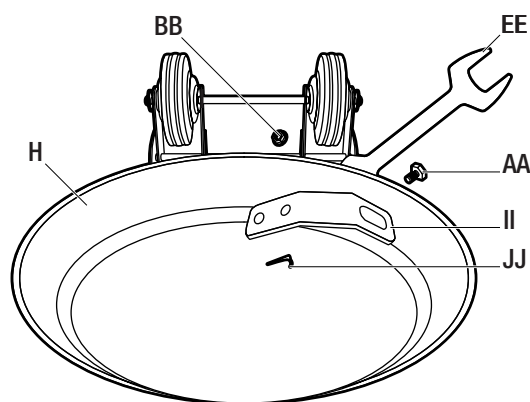
- Align the holes in the wheel assembly (I) with the holes in the base (H).
- Attach the wheel assembly to the base using the bolts (AA) and nuts (BB).



2 (Optional) Attaching the ground fixture to the base

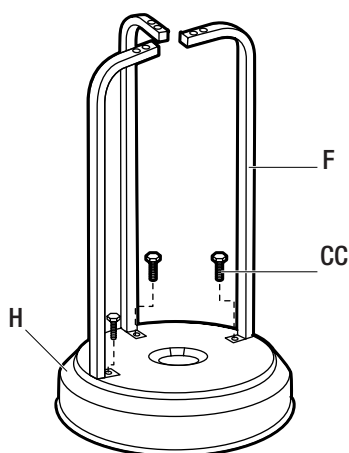
If your model does not come with the anchoring arms and nuts or you do not wish to attach these items, proceed to step 3.

- Mount the anchoring arms (II) to the holes on the base housing (H) using six bolts (AA) and nuts (BB).
- Fix the product into the ground using 3 anchoring nuts (JJ) after all assembly steps are completed.



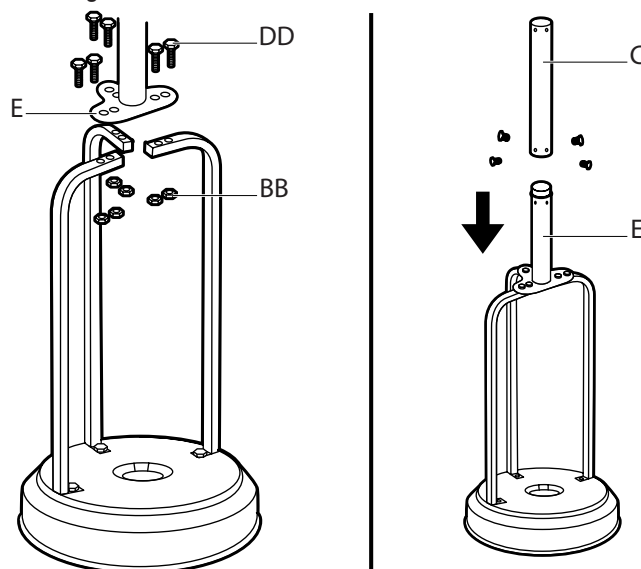
3 Attaching the support legs to the base

- Attach the support legs (F) to the top of the base (H) using three M8 bolts (CC).



4 Attaching the post assembly

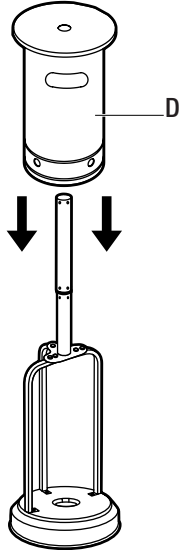
- Attach the post support (E) to the top of the support legs using M6 x 22 bolts (DD) and M6 nuts (BB).
- Remove the pre-assembled screws from the post support (E) and attach post (C) to the post support (E) using those 4 screws.



Assembly (continued)

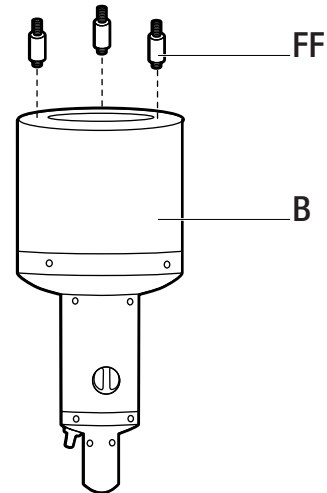
5 Placing the tank housing

- Place the tank housing (D) on top of the assembly.



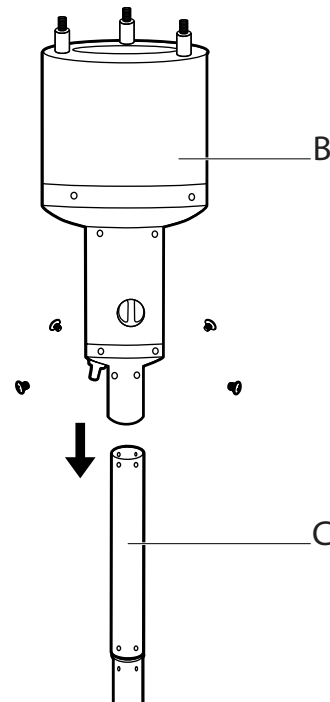
6 Attaching the reflector studs to the head assembly

- Insert three reflector studs (FF) into the top of the head assembly (B). Tighten the studs securely.



7 Attaching the head assembly

- Remove the 4 pre-assembled screws from the head assembly (B) and attach the post (C) with these 4 screws.



Assembly (continued)

8 Assembling the reflector

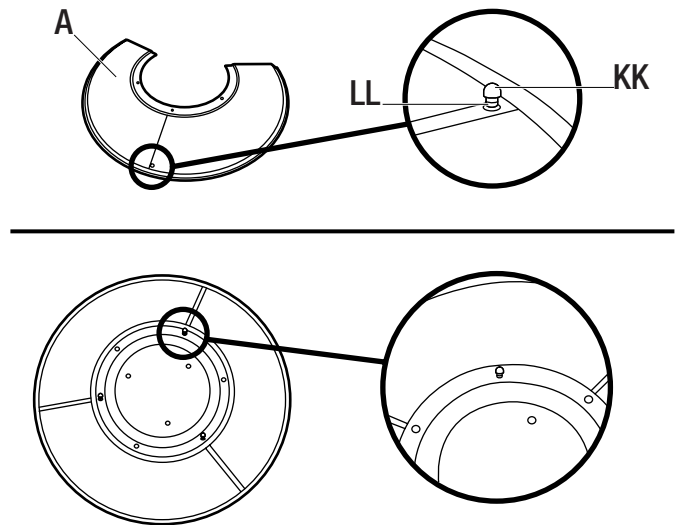


WARNING: Remove the protective cover before assembly.



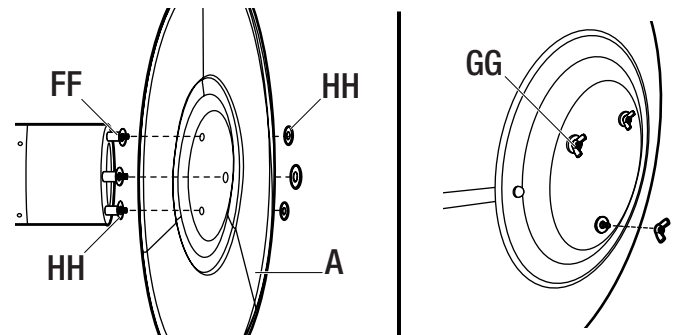
NOTE: Leave all screws and nuts loose until the entire reflector is put together in order to ensure proper alignment of all sections.

- ❑ Slide two pieces of the reflector (A) together. Insert one small screw (LL). Repeat until all pieces of the reflector are connected.
- ❑ Place cap nuts (KK) on the screws (LL).
- ❑ Place the reflector center plate into the middle of the reflector panels and repeat this procedure.



9 Attaching the reflector assembly

- ❑ Slide three large flat washers (HH) over the threaded end of the studs (FF).
- ❑ Place the reflector assembly (A) over the studs (FF) and flat washers (HH).
- ❑ Place three more flat washers (HH) over the studs (FF) and secure the reflector in place using three wing nuts (GG).



Connecting the Propane Tank

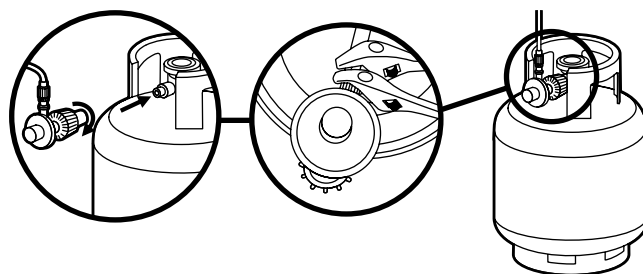
REQUIREMENTS

- ❑ This heater requires propane gas and a propane cylinder (not included). Use a standard 20 lb. propane cylinder only.
- ❑ Use this heater only with a propane vapor withdrawal supply system. For more information on this requirement, see Chapter 5 of the Standard for Storage and Handling of Liquefied Petroleum Gas, ANSI/NFPA 58. Your local library or fire department should have this book.
- ❑ The minimum permissible gas supply pressure of 10 W.C. is required for the purpose of input adjustment.
- ❑ The minimum hourly rate of 17,000 BTUs is the required input rating for a heater for automatic operation at ratings less than full input rating.
- ❑ The pressure regulator and hose assembly supplied with the appliance must be used.
- ❑ The installation must conform with local codes, or in the absence of local codes, with National Fuel Gas Code, ANSI Z223.1.
- ❑ A dented, rusted, or damaged propane cylinder may be hazardous and should be checked by your cylinder supplier. Never use a propane cylinder with a damaged valve connection.
- ❑ The propane cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT).
- ❑ Never connect an unregulated propane cylinder to the heater.

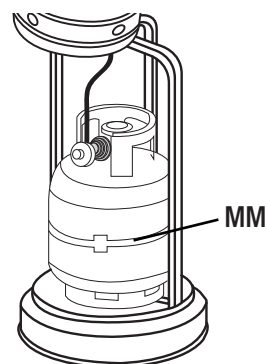
Connecting the Propane Tank (continued)

CONNECTING THE TANK

1. Attach a regulator to the cylinder.



2. Install the cylinder to the heater assembly using the webbing (MM).

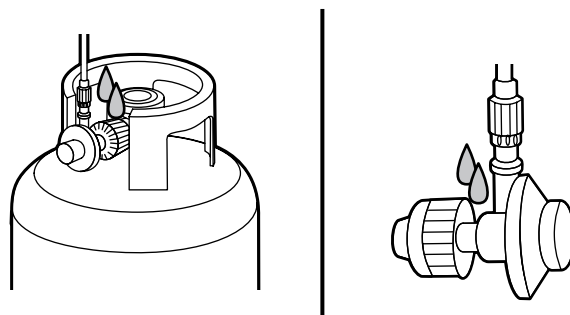


Performing a Leak Test



WARNING: Perform all leak tests outdoors. Extinguish all open flames. NEVER perform this test while smoking. DO not use the heater until all connections have been tested and confirmed not to be leaking.

1. Make a 2-3 oz. solution consisting of one part dishwashing detergent and three parts water.
2. Apply several drops of this solution where the hose attaches to the regulator.
3. Apply several drops of this solution to where the regulator connects to the cylinder.
4. Make sure all heater and light valves are OFF.
5. Turn the cylinder valve ON.



IF BUBBLES APPEAR AT ANY CONNECTIONS, THERE IS A LEAK. DO THE FOLLOWING:

1. Turn the cylinder valve OFF.
2. If a leak is at the hose/regulator connection, tighten the connection and perform another leak test.
3. If the leak is at the regulator/cylinder valve connection, disconnect, reconnect, and perform another leak test. If you continue to see bubbles after several attempts, the cylinder valve is defective and should be returned to the cylinder's place of purchase.

If there are no bubbles, the connections are secure. You can turn the cylinder valve OFF. Whenever gas connections are loosened or removed, you must perform a leak test.

Operation



DANGER: For outdoor use only. Never use inside a house, or other unventilated or enclosed area. This heater consumes air (oxygen). Do not use in an unventilated or enclosed area as this will endanger your life.

DANGER: EXPLOSION – FIRE HAZARD



- ❑ Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources, or where temperatures exceed 120°F (48°C).
- ❑ Propane vapors are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- ❑ Never install or remove propane cylinder while the heater is lit near flame, pilot lights, other ignition sources, or while the heater is hot to the touch.
- ❑ This heater is red hot during use and can ignite flammables too close to the burner. Keep flammables at least 2 ft. from sides and 3 ft. from top. Keep gasoline and other flammable liquids and vapors well away from the heater.
- ❑ The propane cylinder must always be stored outdoors in a well-ventilated space. Never store the propane cylinder in an enclosed area (house, garage, etc). if the heater is to be stored indoors, disconnect the propane cylinder for outdoor storage.



WARNING: The whole gas system, hose, regulator, pilot or burner should be inspected for leaks before use.



WARNING: Check the hose assembly for signs of extreme abrasion, cuts or wear. Suspected areas should be leak tested. If the hose leaks, inspect the visible portion of the hose before each use of the appliance and inspect the entire hose assembly at least annually. If disassembly is required, properly check the connections for leaks upon re-assembly. The hose assembly must be replaced prior to the appliance being put into operation if there is evidence of excessive abrasion or wear, or if the hose is damaged. The replacement hose assembly shall be that specified by the manufacturer.



WARNING: Avoid twisting the flexible tubes and hoses.



WARNING: Make sure the ventilation opening of the cylinder enclosure, control compartment, burner and circulation air passageways of the heater are free and clear of debris. If debris, spider or insect nests are found, clean the holes with heavy-duty pipe cleaner or compressed air.



WARNING: Always keep a dry chemical fire extinguisher readily available.



WARNING: For safety, always allow a 5-minute complete shut off period before re-lighting a hot heater.



WARNING: Maximum Working (kPa) Pressure: 250PSIG.



WARNING: Do not move the heater, or cover it with a protective cover after it has been turned off until the temperature has cooled down.

Operation (continued)

BEFORE YOU TURN THE GAS SUPPLY ON

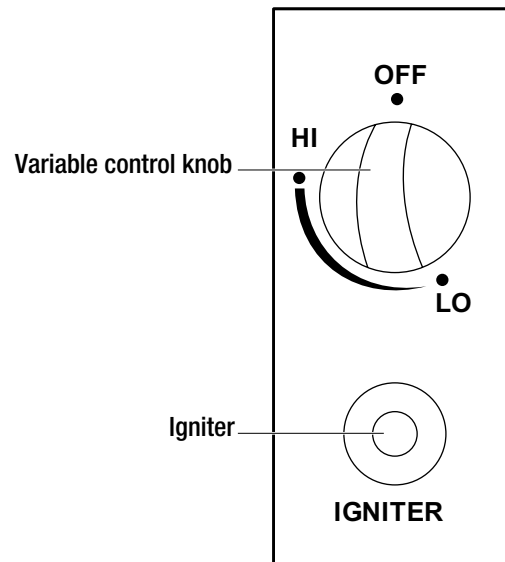
- Your heater was designed and approved for outdoor use only. Do not use it inside a building, garage, or any other enclosed area.
- Make sure the surrounding areas are free of combustible materials, gasoline, and other flammable vapors or liquid.
- Ensure that there is no obstruction to the air ventilation.
- Ensure all gas connections are tight and there are no leaks.
- Ensure the cylinder cover is clear of debris.
- Ensure any component removed during assembly or servicing is replaced and fastened prior to starting.

BEFORE YOU LIGHT THE HEATER

- Inspect the heater thoroughly before each use.
- Have a qualified service person inspect the heater on an annual basis.
- If relighting a hot heater, always wait at least 5 minutes.
- Inspect the hose assembly for evidence of excessive abrasions, cuts, or wear. Suspected areas should be leak tested. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by the manufacturer.

TURNING THE HEATER ON AND OFF

1. Turn on the valve on the gas supply cylinder.
2. Press and turn the variable control knob to the HI position.
3. Press down the variable control knob and hold for 20 seconds.
4. While holding down the variable control knob, press the igniter button several times until the burner head flame ignites. Release the variable control knob 10 seconds after the ignition.
5. If a new tank has just been connected, allow at least one minute or more for the air in the gas pipeline to purge out.
6. The flame can be watched and checked from the peephole located on the base of the burner.
7. Turn the variable control knob to the LO position for 5 minutes or more before turning the knob to desired temperature setting. If a small flame is needed, turn the variable control knob to the LO position.
8. If the burner flame goes out accidentally or it is blown out by wind, turn off the heater and wait at least 5 minutes or more to let the gas dissipate before lighting again to avoid possible gas explosion. Repeat steps 2 through 4.



To turn the heater off:

1. Press and turn the control knob to the OFF position.
2. Turn off the valve on the gas cylinder and disconnect the cylinder.

Replacing the Gas Cylinder



WARNING: Changing of the cylinder must be undertaken in a flame-free atmosphere. Ensure that all taps on the consuming appliance are in the closed position.

1. Close the valve of the gas cylinder.
2. Disconnect the regulator from the cylinder following the instructions that came with your regulator.
3. Replace the cylinder.
4. In the absence of any flame, remove the plug or seal cap from the cylinder valve.
5. Check for the presence and good state of the gasket before connecting the regulator.
6. Perform a leak test using soapy water solution.

LP GAS SUPPLY CYLINDER SAFETY

The LP-gas supply cylinder must be:

- ☐ Constructed and marked in accordance with the Specifications for LP-gas cylinders of the U.S. Department of Transportation (DOT); or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods and Commission, CSA B339, as applicable.
- ☐ Provided with a listed overfilling prevention device.
- ☐ Provided with a cylinder connection device compatible with the connection for the appliance.

Additional precautions:

- ☐ Do not store a spare LP-gas cylinder under or near this appliance.
- ☐ Never fill the cylinder beyond 80 percent full.
- ☐ Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.
- ☐ The cylinder used must include a collar to protect the cylinder valve.

HOSE AND REGULATOR USE AND REPLACEMENT

The pressure regulator and hose assembly supplied with the appliance must be used. Replacement pressure regulators and hose assemblies must be those specified by the appliance manufacturer.

Storage

- ☐ Always close the valve of the gas cylinder after use or in case of a disturbance.
- ☐ Remove the pressure regulator and the hose attachment if the heater is not to be used for a period of time.
- ☐ The cylinder must be stored outdoors in a well-ventilated area out of the reach of children.
- ☐ A disconnected cylinder must have threaded valve plugs tightly installed and must not be stored in a garage or any other enclosed area.
- ☐ Storage of the heater indoors is permissible only if the cylinder is disconnected and removed from the heater.
- ☐ Check the tightness of the gas valve and for damage. If you suspect you have a damaged gas valve, have it changed by your gas dealer.
- ☐ Never store liquid gas cylinder in a sub-terrain, or at places without adequate air ventilation.

Care and Cleaning



WARNING: Do not perform maintenance after the heater has been turned off until the temperature has cooled down. Do not expose the pilot, controllers and parts underneath the burner to water. Do not use the heater if any of these parts are exposed to water until the appliance is inspected or repaired by a qualified service person.

- ❑ Wipe off powder coated surfaces with a soft, moist rag and soapy water. Do not clean the heater with cleaners that are combustible or corrosive.
- ❑ Remove debris, spider and insect nests from the ventilation opening of the cylinder enclosure, control compartment, burner and circulation air passageways of the heater with heavy-duty pipe cleaner or compressed air to keep appliance clean and safe for use. Never clear ports or other openings with toothpicks or other articles that will break and block the ports.
- ❑ If carbon deposits develop, remove the reflector and flame screen and clean them with soap water. Do not paint the flame screen, control panel or reflector.
- ❑ Cover the burner unit with the supplied protective cover when the heater is not in use. Wait until the heater is cool before covering.
- ❑ In a salt-air environment, such as near an ocean, corrosion occurs more quickly than normal. Check frequently for corroded areas and repair them promptly.

Maintenance

- ❑ Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- ❑ Do not obstruct the flow of combustion and ventilation air.
- ❑ Keep the ventilation opening(s) of the cylinder enclosure free and clear from debris.
- ❑ Visually check the burner flames.
- ❑ Clean the appliance, including special surfaces, with recommended cleaning agents, if necessary.
- ❑ Visually check portions of the hose assembly located within the confines of the heater post.

Troubleshooting

Problem	Probable Cause	Solution
The burner will not light.	The burner injector is clogged.	Clean the burner injector.
	There is low gas supply pressure.	Call your gas supplier.
The burner flame goes off immediately after ignition.	There is low gas pressure.	Call your gas supplier.
The ignition is delayed.	The main burner carryover ports are clogged.	Clean the main burner ports.
	There is low gas pressure.	Call your gas supplier.
The combustion on the burner is inadequate.	There is not enough air.	Check the air passageways and burners for dirt and debris, and clean with compressed air.
The burner flame is low.	The supply hose is bent or twisted.	Straighten the hose and perform a leak test.
	There is blockage in the burner injector.	Clean or replace the burner injector.
The emitter glows uneven.	There is blockage in the burner injector.	Clean or replace the burner injector.
	The base is not on a level surface.	Place the heater on a level surface.
	The gas pressure is low.	Replace the cylinder with a new cylinder.
There is slight smoke and odor during initial operation.	This is residue from the manufacturing process.	This will stop after approximately 30 minutes of operation.

Troubleshooting (continued)

There is thick black smoke.	There is blockage in the burner.	Turn off the heater and let it cool. Remove the blockage and clean the inside and outside of the burner.
The heater produces a whistling noise when the burner is lit.	Air passageways are blocked.	Check the minimum installation clearances and air passageways for debris.
	There is air in the gas line.	Operate the burner until the air is completely purged.
The heater produces a clicking noise just after the burner is lit or turned off.	The metal is expanding and contracting.	This is common with heaters. If noise is excessive, contact a qualified service person.
There is a gas odor even when the control knob is in the OFF position.	There is a gas leak.	Locate and correct the leak immediately.
	The gas control is defective.	Replace the gas control.
There is a gas odor during combustion.	There is foreign matter in the gas or on the burner ports.	Check the gas passageway and burner.
	The heater is burning vapors from paint or impurities in the air.	Stop storing and using odor-causing products near the heater.
	There is gas leaking from the regulator and hose connection, the valve and pipe connections, and the pipes.	Locate and correct the leaks, or contact your gas supplier.
There is carbon build-up.	There is dirt or film on the reflector and flame screen.	Clean the reflector and flame screen.



Questions, problems, missing parts? Before returning to the store,
call Hampton Bay Customer Service
8 a.m.-7 p.m., EST, Monday-Friday, 9 a.m. - 6 p.m., EST, Saturday

1-855-HD-HAMPTON

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Retain this manual for future use.