Cuisinart

Outdoor Grilling Products

PORTABLE PROPANE TABLETOP HEATER

Model NO: COH-500

⚠ DANGER

If you smell gas:

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

⚠ WARNING

Do not store or use gasoline or other flammable vapors 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.

⚠ WARNING

For outdoor use only.

Customer Service Hotline

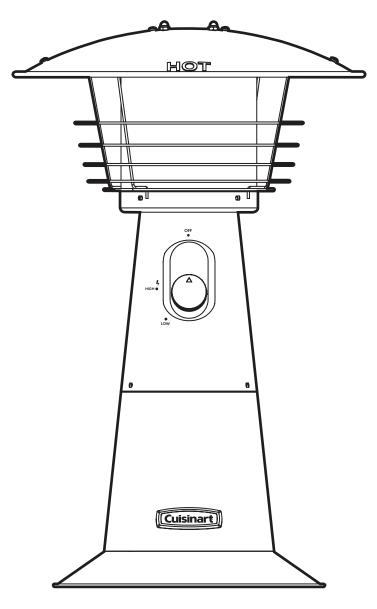
1-866-994-6390

DO NOT RETURN YOUR PATIO HEATER TO THE STORE

Before visiting your local retailer, call our customer service department at 1-866-994-6390 from 9:00 am to 5:00 pm Eastern time, Monday through Friday or email us at consumercare@thefulhamgroup.com.

CALIFORNIA PROPOSITION 65 WARNING:

WARNING: This product may expose you to chemicals including Carbon Monoxide- a by-product of combustion of this product-which is known to the State of California to cause birth defects or other reproductive harm. Incorrectly installed, maintained, and inadequately ventilated heaters can cause exposure to carbon monoxide. For more information go to www.P65Warnings.ca.gov.









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.

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PRODUCT SPECIFICATIONS

Certification	CSA
Height Overall	25. 6 inches
Reflector Diameter	16. 06 inches
Rated Heat Input	11,000 BTU/HR
Fuel	Propane-Propane
Gas Supply	1-Lb Propane-Gas cylinder
Manifold Pressure	11 inches W.C
Injector Size (diameter)	0. 98 mm
Safety Features	Thermocouple & Tilt Switch
Gas Supply Pressure	Max 150 PSI, Min 5 PSI

Manufacturer:

The Fulham Group Newton, MA 02466



DANGER: For your safety, if you smell gas:

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

WARNING: Do not store or use gasoline or other flammable vapors 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.

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 or home.

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

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 persons who can understand and follow the instructions should use or service this heater.



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 heater area clear and free from combustible materials, gasoline, paint thinner, cleaning solvents and other flammable vapors and liquids. Do not use heater in areas with high dust content. Minimum heater clearances from combustible materials: three (3) feet from the sides & two (2) feet 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 (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see it and you can't smell it. It's an invisible killer. If these symptoms are present during operation of this product get fresh air immediately!
- For outdoor use only .
- Never use inside house, or other unventilated or enclosed areas.
- This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.



WARNING:

We cannot foresee every use which may be made of our heaters. Check with your local fire safety authority if you have questions about heater use. Other standards govern the use of fuel gases and heat producing products for specific uses. Your local authorities can advise you about these. If no local codes exist, follow National Fuel Gas Code, ANSI Z223.1. In Canada, installation must conform to local codes. If no local codes exist, follow the current National standards of CANADA CAN/CGA-B 149.2.

WARNING: Certain materials or items, when stored under the heater, will be subjected to radiant heat and could be seriously damaged.



WARNING:

- BURN HAZARD
- Never leave heater unattended when hot or in use.
- Keep out of reach of children.



Caution: SERVICE SAFETY

- Keep all connections and fittings clean. Make sure propane cylinder valve outlet is clean.
- During set up, check all connections and fittings for leaks using soapy water. Never use a flame.
- Use as a heating appliance only. Never alter in any way or use with any device.

SAFETY INFORMATION



Please read and understand this entire manual before attempting to assemble, operate or install the product.

- 1. The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1 /NFPA 54, Natural Gas and Propane Installation Code, CSA B149.1, or Propane Storage and Handling Code, B149.2.
- 2. Minimum clearance to the combustible materials is 3.61 ft(1100mm).
- 3. Perform a leak test with a soapy solution:
 - (a) To check gas connections.
 - (b) After connecting a new cylinder.
 - (c) Upon re-assembly after disassembly.

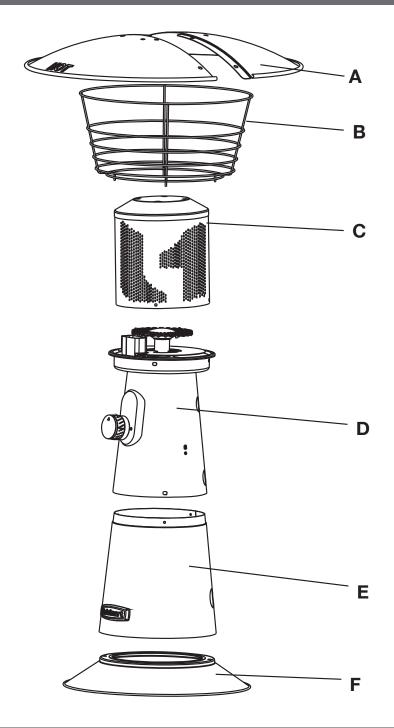
Please refer to the leak test procedure indicated in this instruction manual on page 15.

Replace the hose assembly prior to the appliance being put into operation if there is evidence of excessive abrasion or wear, or if the hose is damaged. The pressure regulator and hose assembly supplied with the appliance must be used. The replacement hose assembly/ regulator shall be that specified by the manufacturer.

- 4. If you don't feel the heater is on a stable surface, use a ground screw to fix the base of the heater on the surface where the heater is installed. Fix the base on an incline no wider than 15 degrees.
- 5. Place the propane hose with regulator assembly out of pathways where people may trip over it or in areas where the hose will not be subjected to accidental damage.
- 6. Materials or items when stored under the heater will be subjected to intense heat and could be seriously damaged.
- 7. Clothing or other flammable materials should not be hung on the heater, or placed on, under or near the heater.
- 8. Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
- 9. Young children should be carefully supervised when they are in the area of the heater.
- 10. Any guard or other protective device removed for servicing the heater must be replaced prior to operating the heater.
- 11. Installation and repair should be done by qualified service person, the heater should be inspected before use and at least annual by a qualified service person.
- 12. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners and circulating air passageways of the heater to kept clean.
- 13. Keep the appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- 14. Do not obstruct the flow of combustion and ventilation air.

SAFETY INFORMATION

- 15. Keep the ventilation opening(s) of the cylinder enclosure free and clear from debris. Use this appliance in a well-ventilated space only. Do not use it in a building, garage, or any other enclosed area. Use this appliance in outdoor areas described below:
 - (a) With walls on all sides, but at least one permanent opening at ground level and no overhead cover.
 - (b) Within a partial enclosure that includes overhead cover and no more than two walls. These walls may be parallel, or at right angles to each other.
 - (c) Within a partial enclosure that includes overhead cover and no more than two walls. The following shall apply:
 - (i) One wall that is equivalent to at least 25% of the total wall area is completely open.
 - (ii) 30% or more in total of the remaining wall area is open and unrestricted.
- 16. The LP-gas supply cylinder to be used must be:
 - (a) Constructed and marked in accordance with the Specifications for LP-gas cylinders of the U.S. Department of Transportation of Dangerous Goods and Commission, CAN/CSA-B339, as applicable;
 - (b) Provided with a listed overfilling prevention device; and
 - (c) Provided with a cylinder connection device compatible with the connection for the appliance.
- 17. Disconnect the cylinder when the appliance is not in use.
- 18. Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance.
- 19. Store the cylinder outdoors in a well-ventilated area (not in a building, garage, or other enclosed area) out of the reach of children.
- 20. The cylinder used must include a collar to protect the cylinder valve.
- 21. Do not store a spare LP-gas cylinder under or near this appliance;
- 22. Never fill the cylinder beyond 80 percent full;
- 23. Place the dust cap tightly on the cylinder valve outlet whenever the cylinder is not in use. Install only 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 a propane leak.
- 24. Inspect the visible portion of the hose before each use of the appliance.
- 25. Every part of the heater shall be secure against displacement and shall be constructed to maintain a fixed relationship between essential parts under normal and reasonable conditions of handling and usage. Parts not permanently secured shall be designed so they cannot be incorrectly assembled and cannot be improperly located or misaligned in removing or replacing during cleaning or other servicing.



Part	Description	Quantity
А	Dome	2 pcs
В	Wire Guard	1 pc
С	Emitter	1 pc
D	Burner Assembly	1 pc
E	Tank Housing	1 pc
F	Base	1 pc

HARDWARE CONTENTS

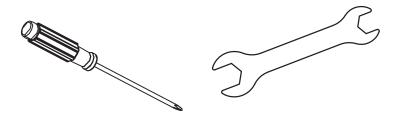
HARDWARE	DESCRIP	ΓΙΟΝ	QTY
AA	M4 x 10 mm Screw		(x8)
BB	ST M4X8 Screw		(x3)
CC	Reflector Spacer		(x4)
DD	M5 Acorn Nut		(x4)
=	M5 x 8 mm Screw		(x4)
FF	M5 Nut		(x4)

ASSEMBLY PREPARATION

Before beginning assembly of product, make sure all parts are present. Use caution when removing the protective film. Recommended to wear gloves when assembling and handling loose parts. Compare parts with package contents list and diagram on page 5. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Estimated Assembly Time: 30 minutes

Tools required: Head Phillips Screwdriver and Wrench (Both not included)

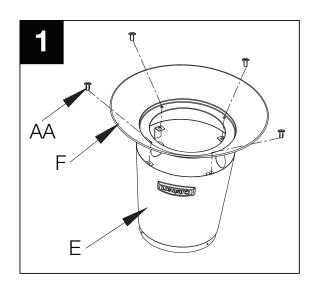


ASSEMBLY INSTRUCTIONS

STEP 1

With the Tank Housing (E) upside down, attach the Base (F) using M4 X 10mm Screws (AA).



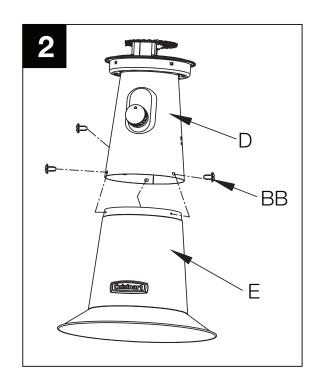


STEP 2

Reverse the Base (F), attach the Burner Assembly (D) using ST M4 \times 8 Screws (BB).



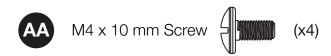


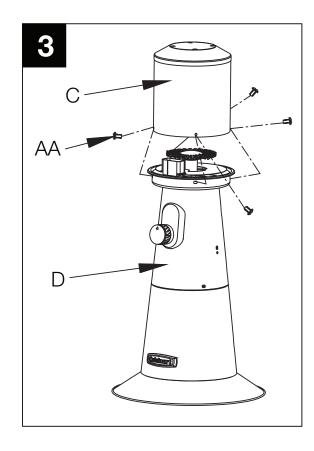


ASSEMBLY INSTRUCTIONS

STEP 3

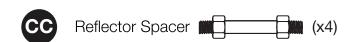
Attach the Emitter Screen (C) to the Burner Assembly (D) using M4 x 10 mm Screws (AA).

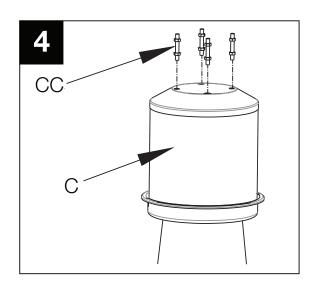




STEP 4

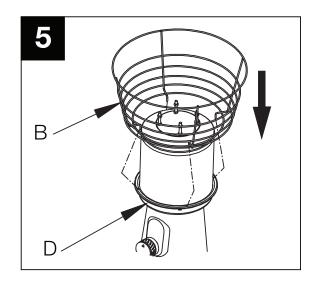
Screw Reflector Spacers (CC) into the top of the Emitter (C).





STEP 5

Lower the Guard (B) over the Emitter Screen (C) and insert the feet of the Guard into the holes near the edge of the Burner.



STEP 6

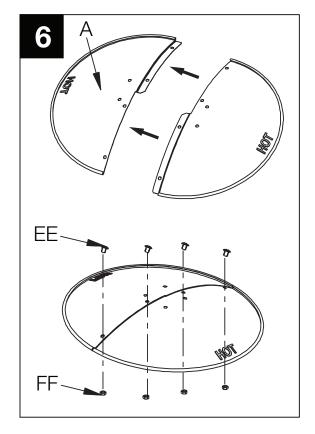
Attach the two Domes (A) together using M5 x 8mm Screws (EE) and M5 Nuts (FF).

NOTE: Use a wrench to hold M5 Nuts (FF) in place while screwing in M5 x 8mm Screws (EE).









ASSEMBLY INSTRUCTIONS

STEP 7

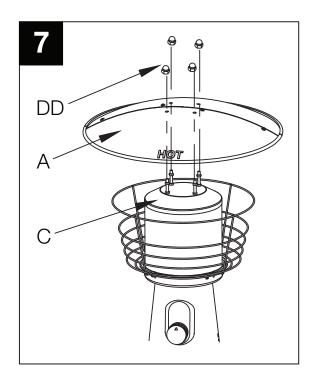
Attach the dome assembly to the Burner Assembly by securing M5 Acorn Nuts (DD) to the Reflector Spacers (CC), tighten with a wrench.

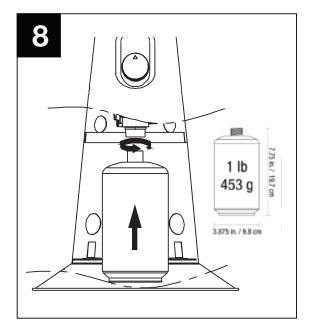


STEP 8

Turn the Control Knob on the Burner to OFF. Lifting or tilting the heater on its side, connect the 1.02 lbs. gas tank (not included) to the Regulator (twist the gas tank clockwise into the Regulator until tightened).

NOTE: The back hole can be used to guide the tank to the connector.

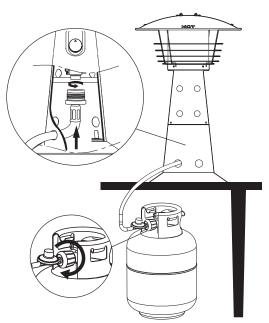




ASSEMBLY INSTRUCTIONS

Gas Tank Assembly

- You must provide propane gas and propane cylinder.
- Use a standard 1.02 lb. propane cylinder only.
- Can be used with a 20 lb. propane tank for longer performance. This requires a tank conversion hose, sold separately (LP Adapter Hose SKU QG-012B). Place the conversion hose through one of the bottom back holes, keeping the unit level on the surface. Make sure to place the tank and hose away from any well-traveled paths.
- Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance. A cylinder must be stored outdoors in a well-ventilated area out of the reach of children. A disconnected cylinder must have dust caps tightly installed and must not be stored in a building, garage or any other enclosed area.
- The pressure regulator supplied with the appliance must be used.
- Only a cylinder marked "propane" can be used.
- Certain materials or items, when stored under the heater, will be subjected to radiant heat and could be seriously damaged.
- The installation must conform with local codes, or in the absence of local codes, with National Fuel Gas Code, ANSI Z223.1/NFPA54, Natural Gas and Propane Installation Code, CSA B149.1, or Propane Storage and Handling Code, B149.2.
- 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). or the Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods and Commission, CAN/CSA-B339.
- Provided with a listed overfilling prevention device.
- Provided with a cylinder connection device compatible with the connection for the appliance.
- The cylinder used must include a collar to protect the cylinder valve.
- Never connect an unregulated propane cylinder to the heater.
- Turn off the control knob of the burner. Fix the 1.02 lb. propane cylinder to the regulator(rotate the propane cylinder clockwise toward the regulator connecting until tighten it).
- The cylinder be disconnected when the appliance is not use.
- Replacement pressure regulator must be that specified by the appliance manufacturer. The pressure regulator and hose assembly supplied with the appliance must be used.
- Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance.
- An appliance may be installed with shelter no more inclusive than:
- (a) With walls on all sides, but with no overhead cover.
- (b) Within a partial enclosure which includes an overhead cover and no more than two side walls. These side walls may be parallet, as in a breezeway, or at right angles to each other.
- (c) Within a partial enclosure which includes an overhead cover and three side walls, as long as 30 percent or more of the horizontal periphery of the enclosure is permanently open.
 - (a) Do not store a spare LP-gas cylinder under or near this appliance;
 - (b) Never fill the cylinder beyond 80 percent full



SAFETY CHECK

Checking for Leaks

Your table top patio heater has been checked at all factory connections for leakage. When using a conversion hose (not included) and a 20 lb. tank, check the connection at the gas hose/regulator/cylinder:

- a. Make leakage solution by mixing 1 part liquid dish soap and 3 part water.
- b. Spoon or brush several drops (or use squirt bottle) of the solution onto the gas hose/regulator and regulator/cylinder and hose connection.
- c. Turn on gas cylinder valve. Inspect the connections and look for bubbles.
- d. If no bubbles appear, the connection is safe.
- e. If bubbles appear, there is leakage. If a leak is present, remove the gas cylinder immediately, tighten any leaking fittings, replace the gas cylinder, and recheck.
- f. If bubbles appear, there is leakage. If a leak is present, remove the gas cylinder immediately, tighten any leaking fittings, replace the gas cylinder, and recheck.
- Periodically check the whole gas system for leaks.
- Immediately check for leaks if an odor of gas is detected.
- Extinguish all open flames during testing or when an odor of gas is detected.
- Never smoke while performing a leak test.
- If you cannot stop a leak, unscrew and remove the cylinder from the heater.
- Check the heater with a full propane cylinder. Do not use the heater until you have performed a leak test on all the connections and verified that your unit does not leak.
- Use only manufactured recommended parts. Substitution may void the warranty.

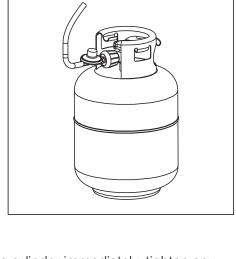
This appliance should only be used in a well-ventilated space and should not be used inside a building, garage or any other enclosed area.

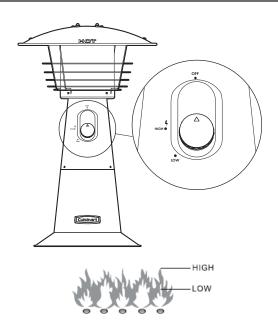
OPERATION INSTRUCTIONS

- 1. This portable heater is intended for outdoor use only. Always ensure that adequate fresh air ventilation is provided.
- 2. Always maintain proper clearance to combustible materials.
- 3. Never operate the heater in an explosive atmosphere line in areas where gasoline or other flammable liquids or vapors are stored.
- 4. The heater must be fixed on a strong, stable table with a minimum height of 1300mm from the floor level.

Lighting Instructions

- 1. Ensure that the control knob on the burner is OFF.
- 2. Push the control knob in and slowly rotate to HIGH. This will activate the built-in igniter and light the burner. Once burner is lit, hold control knob in for 30 seconds and then release. If the burner fails to remain lit or becomes extinguished, repeat this step. Note: If a new tank has just been connected, please allow at least one minute for the air in the gas pipeline to purge out through the pilot hole.
- 3. After the flame comes on, leave the variable control knob on LOW for about 5 minutes, and then switch to the desired temperature.





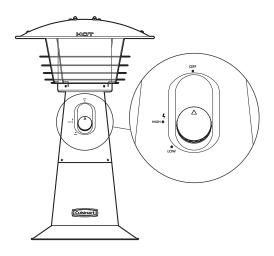
OPERATION INSTRUCTIONS

For complete shutdown

- 1. Please turn the knob to LOW first, then push and turn to OFF for complete shut off.
- 2. Turn the gas tank off completely (Remove the 1lb tank from unit).
- 3. If you experience any ignition problem, turn off the heater and gas supply, and consult "Troubleshooting" on page 18.

Visually check the burner flame against the illustrations to the right: Flame should be blue with slight yellow tips.

You should see a smaller flame in LOW position than seen on HIGH. Perform flame check prior to each use. If only low flame is seen, refer to "Burner flame is low" in the "TROUBLESHOOTING" on page 18.



WARNING

FOR YOUR SAFETY:

Note: Improper operation can cause injury or property damage. If at any time you are unable to light burner and smell gas, wait 5 minutes to allow gas to dissipate before attempting to light heater.

WARNING

FOR YOUR SAFETY:

DO NOT touch or move heater for at least 45 minutes after use. Allow emitter and dome to cool before touching.

CAUTION:

Avoid inhaling fumes emitted from the heater's first use. Smoke and odor from the burning of oils used in manufacturing will appear. Both smoke and odor will dissipate after approximately 30 minutes. The heater should NOT produce thick black smoke.

WARNING

FOR YOUR SAFETY:

Be careful when attempting to manually ignite this heater. Holding in the control knob for more than 10 seconds before igniting the gas will cause a ball of flame upon ignition.

NOTE:

1-lb. tank lasts about 25 minutes before it freezes. The burning process draws heat from the tank at a faster rate than the tank can supply, causing it to freeze. This is not a defect

When Heater is ON: Emitter screen will become bright red due to the intense heat. The color is more visible at night. Burner will display tongues of blue and yellow flame. These flames should not be yellow or product thick black smoke, indication an obstruction of airflow through the burners. The flame should be blue with straight yellow tops. If excessive yellow flame is detected, turn off heater and consult "Troubleshooting" on page 13.

CARE AND MAINTENANCE

- Abrasive cleaners will damage this product.
- Never use oven cleaner to clean any part of heater.
- Do not clean any heater part in a self-cleaning oven. The extreme heat will damage the finish.
- More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passageways of the heater be kept clean.
- Spiders and insects can create a dangerous condition that may damage heater or make it unsafe. Keep burner area clean of all spiders, webs or insects. Clean burner holes by using a heavy-duty pipe cleaner. Compressed air may help clear away smaller particles.
- Inspect heater before each use.
- Have heater inspected annually and repairs should be made by a qualified service person.

CARE AND MAINTENANCE

- Check heater immediately if any of the following conditions exist:
 - a. The smell of gas in conjunction with extreme yellow tipping of burner flames.
 - b. Heater does not reach proper temperature.
 - c. Heater's glow is excessively uneven.
 - d. Burner makes popping noises during use.

Note: A slight pop is normal when burner is extinguished.

- Carbon deposits may create a fire hazard. Keep dome and emitter clean at all times.
- Do not clean heater with combustible or corrosive cleaners. Use warm, soapy water.
- This heater should be thoroughly cleaned on a regular basis.
- After a period of storage and/or no use, check for leaks, burner obstructions and inspect for any abrasion, wear, cuts to the hose.

Cleaning

- Wipe surfaces clean with mild dish detergent or baking soda.
- For stubborn surfaces use a citrus-based degreaser and a nylon scrubbing brush.
- Rinse clean with water.

Note: While cleaning the unit, be sure to keep the area around the burner and pilot assembly dry at all times. Do not submerge the control valve assembly. If the gas control is submerged in water, do NOT use it. It must be replaced.

Maintenance

- Keep exterior surfaces clean.
- Air flow must be unobstructed. Keep controls, burner and circulating air passageways clean.

Signs of possible blockage include:

Gas odor with extreme yellow tipping of flame.

Heater does NOT reach the desired temperature.

Heater glow is excessively uneven.

Heater makes popping noises.

Note: In a salt-air environment (such as near an ocean) corrosion occurs more quickly than normal. Frequently check for corroded areas and repair them promptly.

Storage

Between uses or during periods of extended inactivity:

- Turn control knob to "OFF".
- Disconnect LP cylinder and move to a secure, well-location outdoors.
- Store heater upright in an area sheltered from direct contact with inclement weather (such as rain, sleet, hail, snow, dust and debris).

Note: Never leave LP gas tank exposed to direct sunlight or excessive heat.

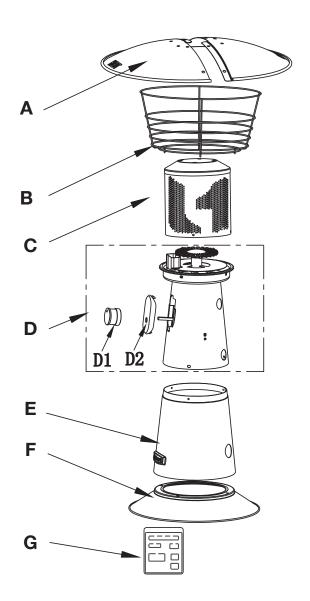
• If desired, use cover (Sold Separately, Model Number CHC-501) to protect the heater and help prevent buildup in air passages.

CAUTION: Wait until heater is cool before covering.

CAUTION: Always allow heater to cool before attempting service.

TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Burner won't light.	Gas pressure is low.	Turn tank valve "OFF" and replace the tank.
	The orifice is blocked.	Clear blockage.
	Control knob is not in "High" position.	• Turn control knob to "High".
Burner flame is low.	Gas pressure is low.	Turn tank valve "OFF" and replace the tank.
	The control knob is not positioned at "High".	Position the control knob at "High".
	The burner jet may be partially blocked.	Clear blockage.
	Outdoor temperature is less than 40°F and tank is less than 1/4 full.	Use a full tank.
	Supply hose is bent or kinked.	Straighten the hose.
Carbon build-up.	Build-up of carbon can accumulate over time.	• Wipe off before lighting.
Thick black smoke.	Blockage in burner.	Remove blockage and clean burner inside and outside.



Part	Description	Part #
А	Dome	S60021
В	Wire Guard	S60022
С	Emitter	S60023
D	Burner Assembly	S60024
D1	Knob	S60025
D2	Control Panel	S60026
Е	Tank Hosing	S60027
F	Base	S60028
G	Hardware Pack	S60029

WARRANTY

1-Year Limited Warranty

The appliance has been manufactured under the highest standards of quality and workmanship. We warrant to the original consumer / purchaser that all aspects of this product will be free of defects in material and workmanship for one (1) year from the date of purchase. A replacement for any defective part will be supplied free of charge for installation by the consumer. Defects or damage caused by the use of other than genuine parts are not covered by this warranty. This warranty shall be effective from the date of purchase as shown in the purchaser's receipt. This warranty is valid for the original consumer purchaser only and excludes industrial, commercial or business use of the product, product damage due to shipment or failure which results from alteration, product abuse, or product misuse, where performed by a container, service company, or consumer. We will not be responsible for labor charges and/or damage incurred in installation, repair or replacement, nor for incidental or consequential damage. This warranty gives you specific legal rights, and you may also have the other rights that vary from state to state.

For troubleshooting, FAQs or customer service, visit us at www.cuisinart.com/outdoorgrilling, call us at 1-866-994-6390 or email us at consumercare@thefulhamgroup.com

Model # COH-500 North American Distributor: The Fulham Group Newton, MA 02466