

OPERATION

TO LIGHT-UP

1. Open valve at gas source.
2. Push and turn counter-clockwise control knob to the  position.
3. While depressing control knob for at least 45 seconds, then press the continuous spark igniter button to light up burner. You may have to push it more than once. When flame is visible, keep control knob depressed for 30 seconds.
If lighter fails to light burner after 8 seconds, release control knob, turn to OFF and wait 5 minutes.
If gas hose is connected for the first time, it will take about 1 minute to purge the air and to allow gas to reach the burner.
4. Release control knob, burner flame should stay lit .
If not, repeat steps 1 to 4 or you may light with a match.
5. Turn control knob to HI for intensity.

TO TURN OFF

1. Push and turn control knob clockwise to OFF
2. Turn off valve at gas source.

PREVENTIVE CARE AND MAINTENANCE

Once a year, the heater should be inspected for debris, insects, spider webs, that could obstruct the burner or pilot tube. The burner area is likely to attract spiders. This may prevent gas getting to the burner if it is not kept clean of debris.

HAVE THE HEATER INSPECTED IF ..

- You smell gas combined with yellow tipped flames on burner.
- Heater does not provide expected heat capacity.
- Burner makes little popping sounds while operating.
This sound is normal when turning off the heater.

PRECAUTIONS

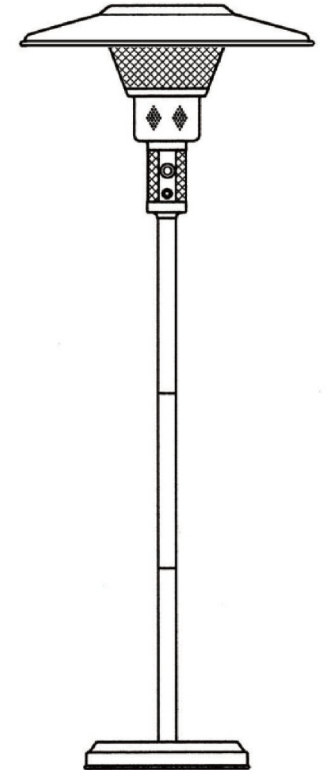
- Test periodically for leaks in the system, or immediately when you smell gas.
- In case a leak is detected, put out all open flame in the area.
- Never leak test while smoking or with an open flame .
- If you cannot repair a leak, turn off the gas supply valve and contact AZ Patio Heaters at 888-775-1330 or a qualified technician.
- Do not alter or modify this heater in any way or it will void the warranty.
- Contact the manufacturer for replacement parts.
- The installation of this appliance should be done by a certified gas technician in accordance with all local, building and municipal codes.
- Warranty is for 1 year from the date of purchase and is verified by the purchase receipt.
Without a receipt, no replacement parts will be provided.

NATURAL GAS PATIO HEATER NGBURN-SS

INSTALLATION AND OPERATION GUIDE

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Carefully read the entire owners manual and all safety information before assembling and operating the heater

THIS APPLIANCE IS APPROVED FOR
OUTDOOR USE ONLY



AZ PATIO HEATERS
8850 N 91ST AVENUE
BLDG C, SUITE 25
PEORIA, 85345

"For parts and troubleshooting help please call 888-775-1330
or visit our website at www.azpatioheaters.com "

This appliance is an infrared NATURAL GAS heater.
The burner is controlled and adjusted by the gas control knob.
Gas supply is controlled by the valve on the gas source.

The burner is made of stainless steel. Heat diffusion is assisted by the reflector shield above.

Technical specification:

- Operating pressure : **7" W.C.**
- Maximum output : **38.200BTU/h**
- Minimum output : **18.200BTUu/h**
- Gas consumption at HIGH : **1kg/h**
- Approx. weight ; **27kg**
- Burner orifice size : **2.7mm**

FOR YOUR SAFETY

1. If you smell gas :
 - a. Turn off the gas at the supply.
 - b. Extinguish all open flame
 - c. Proceed to do a leak test with a soapy water solution (50% part soap/ 50% part water)
 - d. If bubbles are detected, retighten connections. If no leaks are detected, open gas valve at the supply and verify if you smell gas.
 - e. If you still smell gas, shut-off heater completely and the gas supply. Call AZ Patio Heaters at 888-775-1330 or contact a gas appliance service center.
2. Never store or handle gas, or any other inflammable vapors or liquids in the vicinity of your Patio Heater or any gas appliance.

CAUTION

Faulty installation, modifications, repairs or maintenance to the appliance may cause personal injury or damage to property, and will void the warranty.

Carefully read this User Guide before assembling and operating the heater.

Keep this guide for future reference.

LEAK TEST

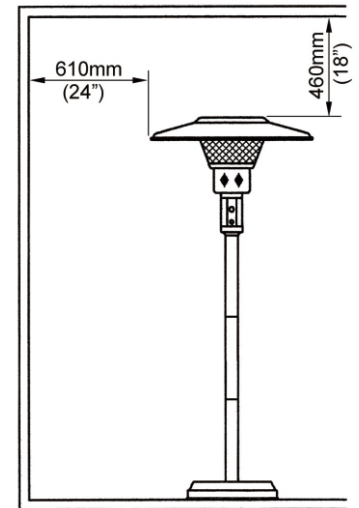
Now that the heater is assembled, for your safety you must perform a leak test of all connections and hoses.

Mix in a spray bottle equal parts of water and soap.

1. Ensure that the heater gas control knob is fully closed by turning completely clockwise
2. Open the gas supply valve.
3. Apply the solution generously to all connections and hoses.

If you detect bubbles, there is a leak. Close the gas supply valve completely. Retighten the leaking connection, add Teflon tape and repeat leak test process.

If the leak cannot be repaired permanently, close the gas supply valve completely and contact AZ Patio Heaters at 888-775-1330 or a qualified gas technician.



A SAFE LOCATION FOR THE HEATER

CAUTION

When objects are left under a heater in operation, they will be subject to radiant heat and might be damaged.

- The principal application of this heater is to give the comfort of heat to pool, patio and spa areas, terraces, work areas, etc.

This heater is approved for outdoor use only.

- Provide fresh air ventilation at all times
- Respect minimum clearances to combustibles as shown in figure above.
- Install heater on a leveled, solid and stable ground.
- Do not install in an explosive environment. Keep away from areas from where gas, vapors or inflammable liquids are stored or used.
- In case of high winds, shut-off the heater completely and the cylinder gas valve. Remove reflector dome.
- Do not move the heater when hot.

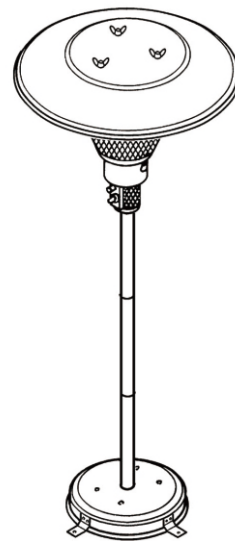
CLEARANCES FROM COMBUSTIBLES

Respect clearances as shown:

- Sides of reflector : 24 inches
- Above reflector : 18 inches

STEP 6:

- 6-1 Place 3 reflector washers (N) on top of burner then place reflector on top of burner.
- 6-2 Place 3 pcs of wing nuts (M) on top of the supporting bolts and tighten them down.

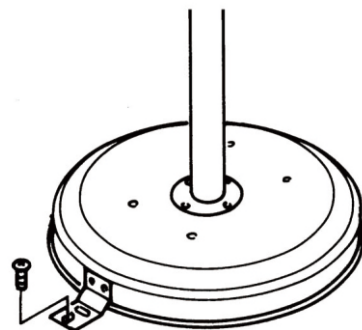


STEP 7:

- 7-1 Bolt 3 bolts down to the floor to secure heater into place through the opening on the L-shaped stabilizer as shown.
- 7-2 3 bolts for wooden(I) are provided, but the 3 bolts for cement surfaces (H) are not included into the package. Should the heater need to be placed on another surface, please purchase the correct types of bolts accordingly from your local hardware store.

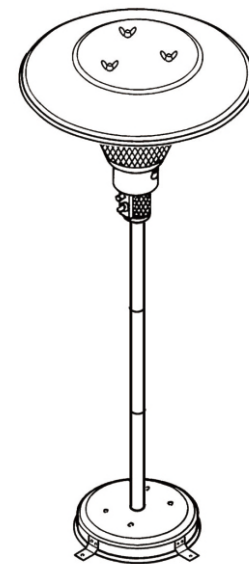
ATTENTION:

It's strongly recommended to secure the base by screwing bolts on any ground surface the heater stands.



STEP 8:

- 8-1 Setup is now complete. Please check and make sure that the center post and the burner assembly stand vertically as shown.
- 8-2 Make sure all bolts and nut pairs are tightened.
- 8-3 Ensure correct connection by local gas professional.

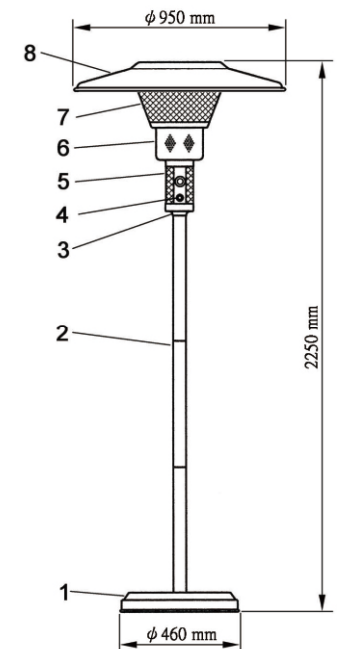


CAUTION

- DO NOT operate the heater in an explosive environment. Keep this appliance away from areas where you have stored gas, or other vapors and flammable liquids.
- Before use, verify that no parts are damaged, inspect gas hose.
- Never modify this appliance in any way, or it will void the warranty.
- Never use the heater without the reflector shield.
- Respect minimum clearance from combustibles as seen on page 6.
- Always place heater on a leveled, stable and hard surface.
- Only use this heater outdoors.
- Never clean with abrasive, corrosive or flammable cleaners.
- Do not paint the heater or any of its parts.
- When fully assembled proceed to a leak test, and every time you disconnect the hose, before lighting up the heater.
- To leak test, use a 50/50 mix of each water and soap in a spray bottle.
- NEVER LEAK TEST with an open flame or while smoking.
- The gas supply must be closed at all times when not using the heater.
- Children and adults should be made aware of hot surfaces on the heater.
- Clothing and other accessories or objects are not to be hung on the heater, laid on or near it to dry.
- Installation, maintenance and repair of this heater should always be performed by a qualified gas technician.

PARTS LIST

- | | |
|-------|-----------------------|
| Nr. 1 | Base |
| 2 | Post |
| 3 | Control housing base |
| 4 | Gas valve controller |
| 5 | Air admittance fences |
| 6 | Burner assembly |
| 7 | Flame screen |
| 8 | Reflector |



B. Construction Characteristics

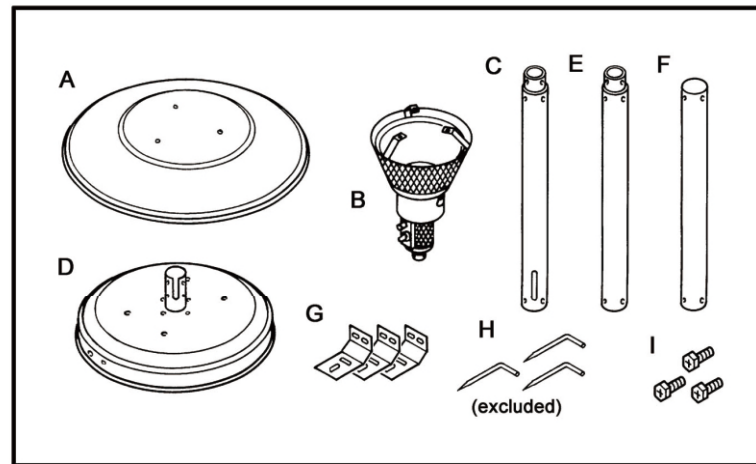
1. Operation Principle
 - Flame is burned inside the emitter grid (or screen .)
 - The emitter screen collects the flame energy and transforms it to infra red heat.
 - The reflector canopy reflects heat down to the coverage area.
2. Gas Valve Features
 - Each unit comes complete with its own built-in igniter.
 - Automatic shut-off of gas valve when no heat from the flame is detected.
 - Specially coated gas pipe to prevent corrosion due to moisture.

ASSEMBLY PROCEDURE

TOOLS NEEDED (NOT SUPPLIED)

- ✓ 10mm Open Ended Wrench
- ✓ 13mm Open Ended Wrench
- ✓ (2) 8 "Adjustable Wrenches
- ✓ Slip joint pliers 9 inches long
- ✓ Philips Screwdriver Medium Blades
- ✓ Teflon Plumbing Tape for Joints
- ✓ Spray Bottle Filled with Soapy Water to Check for Leaks

PARTS CHECK LIST:

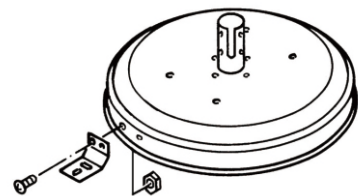


L M6x10 Screw x22

M Butterfly nut x 3

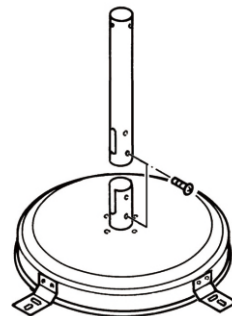
STEP 1:

- 1-1 Using screws(M), place L-shaped stabilizers (G) to bottom base(D).



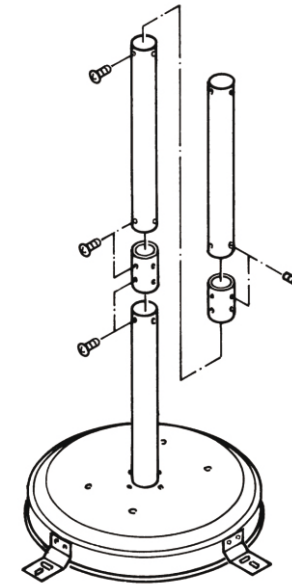
STEP 2:

- 2-1 Place base post (F) on the bottom base(D) upward.
2-2 Secure using screws.



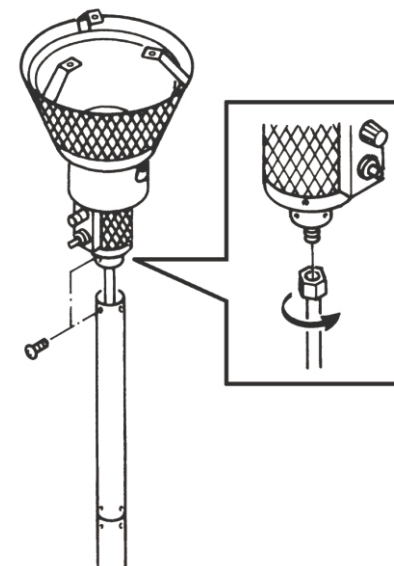
STEP 3:

- 3-1 Connect all center post sections together (C and E).
3-2 Secure with screws (L).



STEP 5:

- 5-1 Connect hose to valve by turning tight. (B) to center post (E) with screws that are already attached to the burner assembly.

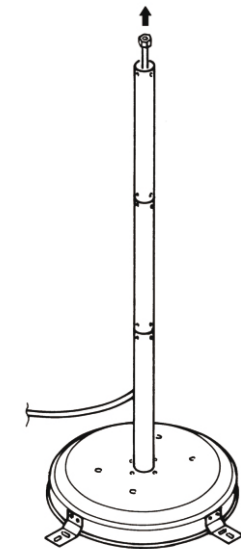


STEP 4:

- 4-1 Place hose through the opening on bottom base.
4-2 Pull hose upward through center pole.
4-3 Hose is not included and should be provided by local gas company when connected by a local gas professional.

NOTE:

Never connect to a propane cylinder. Use natural gas only



- 5-2 Secure entire top burner assembly. Assemble the reflector pieces to the middle piece using the small washers and the acorn nuts.

