

# ELEMENTI

THE ART OF LIVING

## Natural Gas Conversion Kit

### OCK45CE-NG01-GB

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| OFG101 | OFG103 | OFG104 | OFG105 | OFG110 | OFG121 |
| OFG126 | OFG127 | OFG128 | OFG139 | OFG145 | OFG147 |

#### IMPORTANT

##### INSTALLER:

Leave this manual with the appliance.

##### CONSUMER:

Retain this manual for future reference.

#### DANGER

##### FIRE OR EXPLOSION HAZARD

If you smell gas:

- Shut off gas to the appliance.
- Extinguish any open flame.
- If odor continues, leave the area immediately.
- After leaving the area, call your gas supplier or fire department.

Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

#### WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the Authority Having Jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

**Contact Elementi for Technical Support.**

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## CONVERSION WARNING

This appliance was converted on \_\_\_\_\_ (DD/MM/YY)

to Natural gas by \_\_\_\_\_  
(Name and address of organization making this conversion)

which accepts the responsibility that this conversion has been properly made.  
After converting this fire table, this tag must be hung from the center of the control panel with the provided cable.

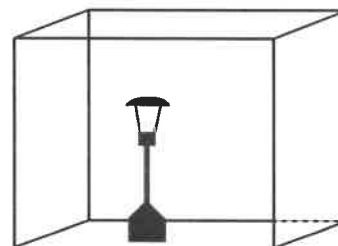
### **WARNING**

- Only the manufacturer's conversion kit can be used.
- This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the Authority Having Jurisdiction.
- Please follow the manufacturer's instruction strictly.
- Do not attempt to convert or modify this appliance by your own.

# SPECIFICATION

|   |  |  |  |   |
|---|--|--|--|---|
| <b>Conversion Kit Model No.:</b>  | OCK45CE-NG01-GB  | <b>Serial Number:</b>  |  |   |
| <b>Manufacturer</b>   | <b>ELEMENTI INDUSTRIAL (XIAMEN) CO., LTD.</b><br>4F & 5F, No. 190-4, Xintian Road, Houxi Town, Jimei District, Xiamen, Fujian, China |  |  |   |
| <b>Heat Input</b>   | 13.2KW(G30:960.0g/h;G31:943.3g/h)  |  |  |   |
| <b>Appliance Category &amp; Gas type &amp; Gas pressure &amp; Injector size</b> | <b>I 3B/P (30)</b><br>G30 Butane,<br>G31 Propane<br>or their mixture<br>at 30mbar<br><input type="checkbox"/> 1.77mm                 | <b>I 3B/P (50)</b><br>G30 Butane,<br>G31 Propane<br>or their mixture<br>at 50mbar<br><input type="checkbox"/> 1.53mm | <b>I3+(28-30/37)</b><br>G30 Butane at<br>28-30mbar,G31<br>Propane at 37mbar<br><input type="checkbox"/> 1.77mm | <b>I 2H</b><br>G20 Natural gas<br>at 20mbar<br><br><input checked="" type="checkbox"/> 2.96mm                             |
|   | <b>I 3P (30)</b><br>G31 Propane at<br>30mbar<br><input type="checkbox"/> 2.05mm  | <b>I 3P (50)</b><br>G31 Propane at<br>50mbar<br><input type="checkbox"/> 1.80mm                                      | <b>I3P(37)</b><br>G31 Propane at<br>37mbar<br><input type="checkbox"/> 2.01mm                                  |   |
| <b>Destination Countries</b>  | BG,CY,AL,TR, DK,EE,<br>FI,FR,IS,CZ,HR,HU,<br>IT,LT,LU,MT,MK,NL,<br>NO,RO,SE,SI,SK  | AT,CH,DE,SK  | BE,CH,CY,CZ,ES,<br>FR,GB,GR,IE,IT,<br>LT,LU,LV,PT,SI,SK,   | BE,BG,CY,CZ,DK,EE,<br>FI,FR,GB,GR,HR,HU,<br>IT,LT,LU,LV,MT,NL,NO,<br>RO,SE,SI,SK,AT,CH,<br>DE,ES,IE,AL,IS,MK,<br>PL,PT,TR |
| <b>Gas Connection Size</b>  | <input checked="" type="checkbox"/> 1/2-14" BSP-TR <input type="checkbox"/> Other:   |  |  |   |

1. The use of this appliance in enclosed areas is **DANGEROUS** and is **PROHIBITED**
2. For use outdoors or in amply ventilated areas.
3. An amply ventilated area must have a minimum of 25 % of the surface area open.
4. The surface area is the sum of the walls surface.



# IMPORTANT SAFETY INFORMATION



**WARNING** FIRE TABLE IS FOR OUTDOOR USE ONLY

## IF YOU SMELL GAS

- Shut off gas supply to the fire table.
- Extinguish any open flame.
- Do not try lighting any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone.
- Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

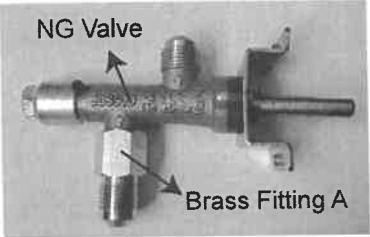

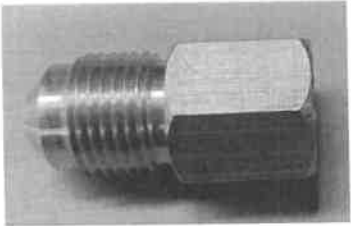
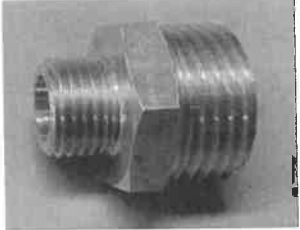




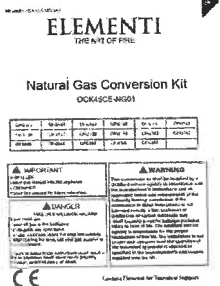

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners, and circulating air passageways of the appliance are kept clean.

- **WARNING:** Installation and service must be performed by a qualified installer, service agency or gas supplier.
- **WARNING:** Failure to follow with the safety warnings and precautions in this manual may result in serious bodily injury or death, a fire or an explosion causing damage to property.
- **IMPORTANT NOTICE:** Read and understand all warnings and precautions prior to assembly and use your gas fire table. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.



This conversion kit is for changing a liquefied Petroleum(LP) fire table into a Natural Gas Fire Table.

# PARTS LIST

| No. | Description & Quantity  | No. | Description & Quantity  |
|-----|---|-----|---|
| 1   |  <p>NG Valve &amp; Brass Fitting A 1 set</p>   | 2   |  <p>NG Orifice Spud 2.96 1 pc</p>               |
| 3   |  <p>Brass Fitting A 1 pc</p>   | 4   |  <p>Brass Fitting B 1 pc</p>                   |
| 5   |  <p>Hexagon screwdriver( for knob use) 1 pc</p>  | 6   |  <p>Screws M4x10mm ( for valve use) 2 pcs</p> |
| 7   |   <p>Gas pressure and orifice plaque 1 pc<br/>Warning plaque 1 pc<br/>Natural gas lighting instruction 1 pc</p> | 8   |  <p>Conversion Kit Manual 1 pc</p>           |
| 9   |  <p>Chain 1 pc</p>   |     |   |

# NATURAL GAS CONVERSION INSTRUCTION

1



## WARNING

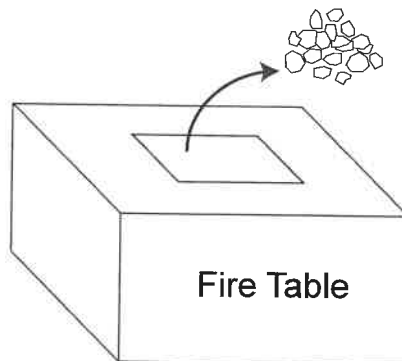
ENSURE THE UNIT IS OFF AND COMPLETELY COOL, AND THE GAS SUPPLY TO THE UNIT IS TURNED OFF.

### Disconnecting the Gas Tank

Make sure the valve on the gas tank is OFF.

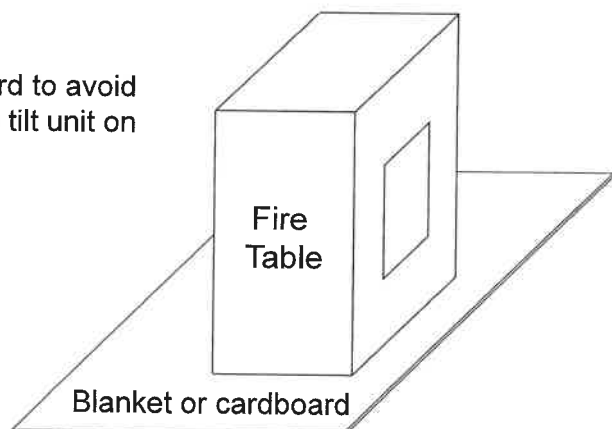
2

Remove lava rock from burner pan area carefully.



3

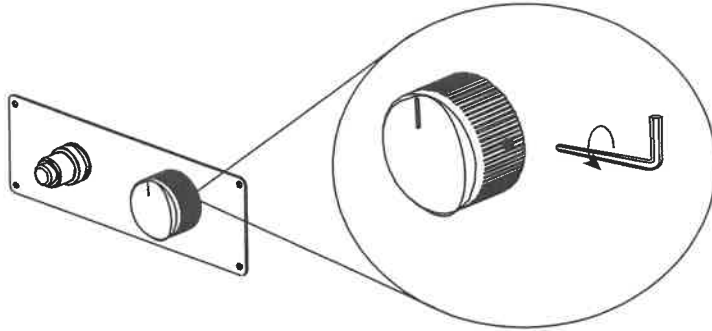
Lay down blanket or cardboard to avoid damaging the finish, carefully tilt unit on its side.



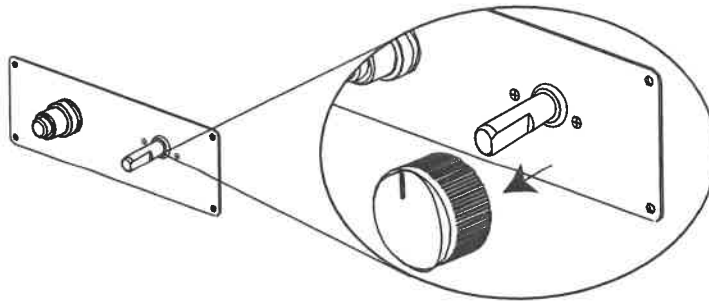
# NATURAL GAS CONVERSION INSTRUCTION

## 4

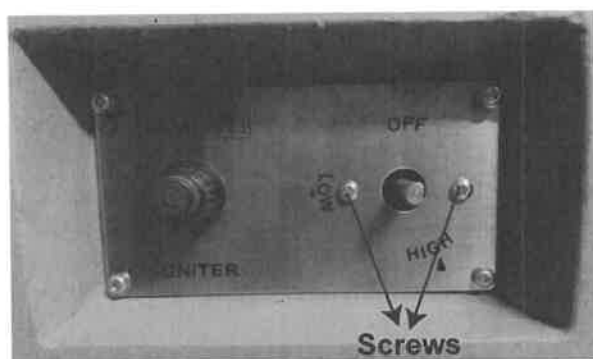
A) Find out the hole to the left of the knob, insert it with the hexagon wrench which provided in the conversion kit, rotate counterclockwise to loosen the knob from the LP safety valve.



B) Then hold the knob with your hand, pull it forward, and remove the knob.



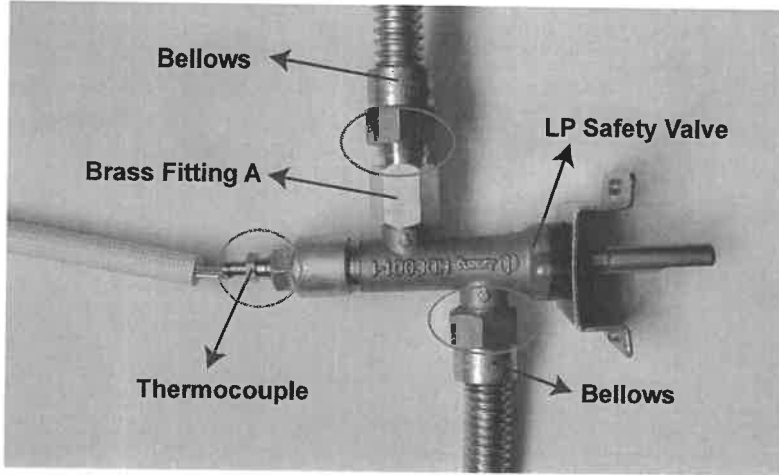
C) Remove the screws on both sides of the knob with a screwdriver and take good care of them to avoid losing. (in case of losing, we have provided additional spare screws in the accessory package).



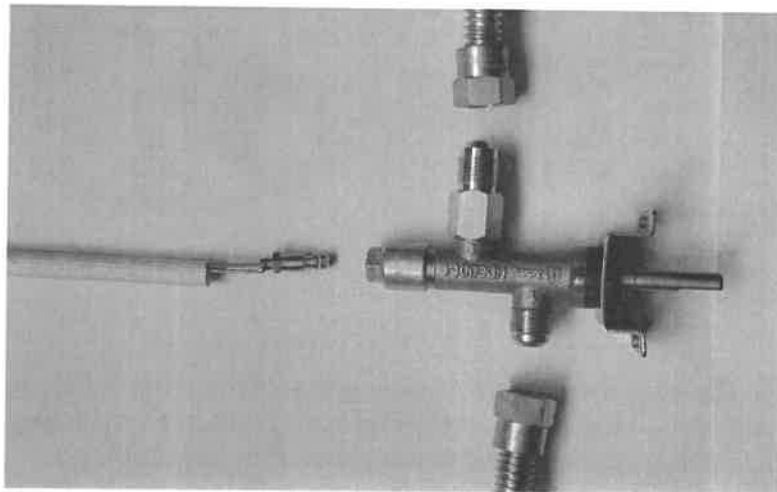
# NATURAL GAS CONVERSION INSTRUCTION

## 5

Remove the LP safety valve from the control panel, and disconnect the thermocouple and both 2 sides of bellows from the LP safety valve.



BEFORE



AFTER



# NATURAL GAS CONVERSION INSTRUCTION

# 6

A) Find the NG safety valve from the conversion kit( which is labeled with "NATURAL GAS VALVE"). The brass fitting A has assembled on the NG safety valve. see FIG. A

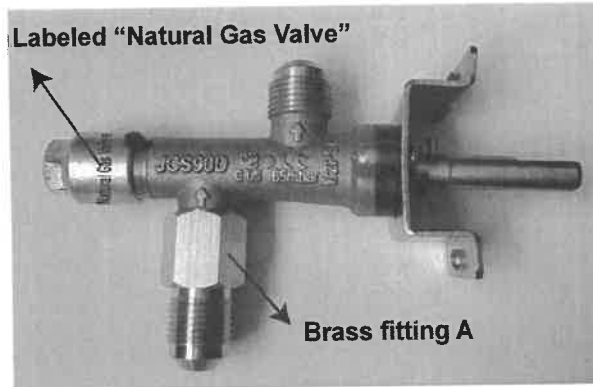
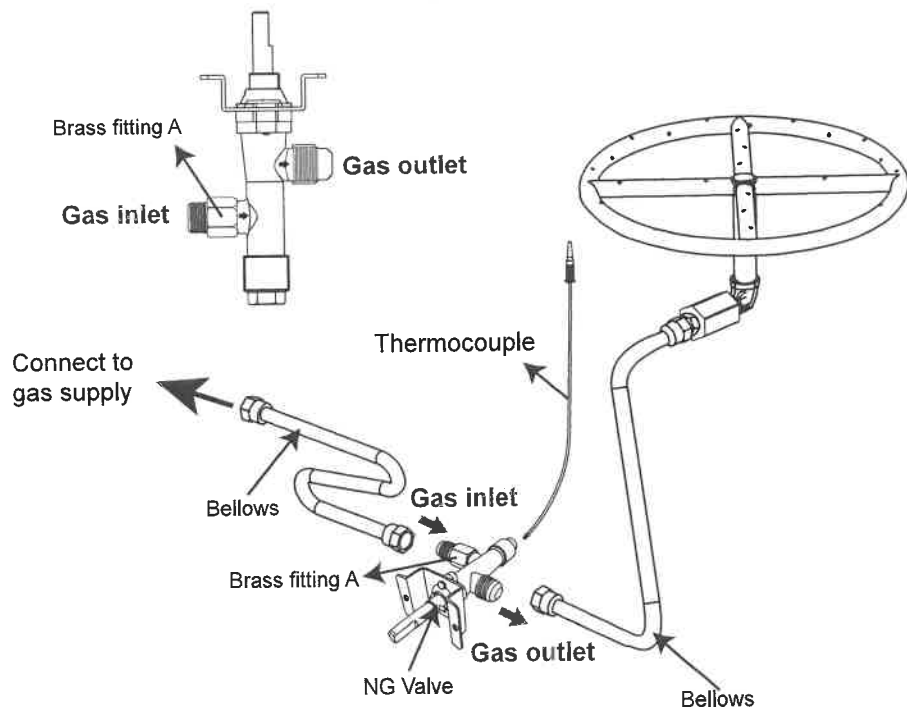


FIG. A

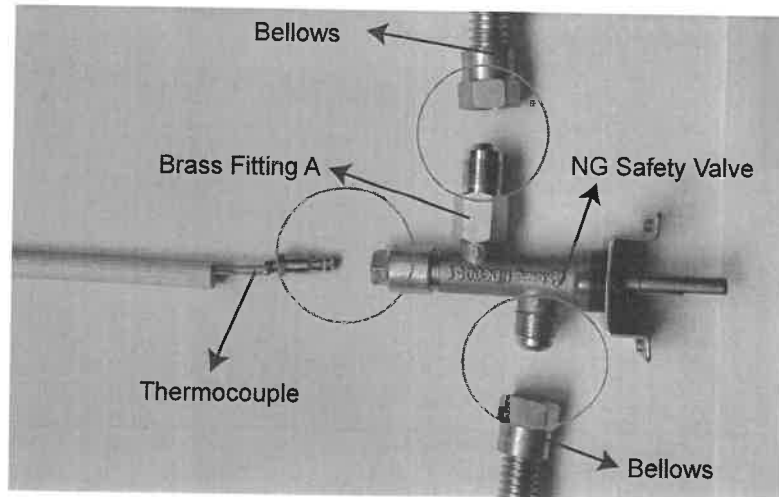
B) Reconnect the bellows to the NG safety valve, and lock tightly.  
C) Reconnect the thermocouple to the NG safety valve (After hand tightening, use the wrench to force 90°. Do not over tighten).

## ⚠ IMPORTANT

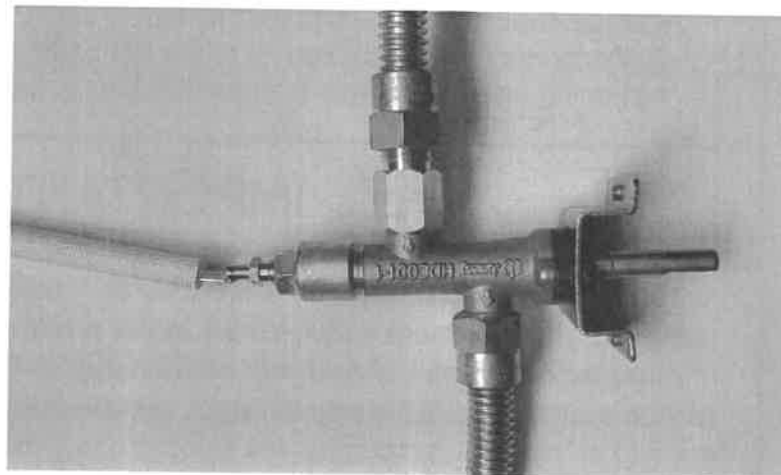
There are 2 arrows on the NG safety valve, one is for gas inlet (connect with the bellows in the direction of the Gas Supply), the other one is for gas outlet (connect with bellows in the direction of the burner). Failure to follow the instructions could result in fire or explosion, which could cause property damage, personal injury, or death.



# NATURAL GAS CONVERSION INSTRUCTION



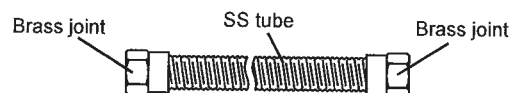
BEFORE



AFTER

## WARNING

When connecting the bellows, please ONLY clockwise the brass joint on the bellows. Do not rotate the stainless steel tube. Excessive rotation of the stainless steel tube will cause the gas pipe to twist or break, causing gas leaks.



# NATURAL GAS CONVERSION INSTRUCTION

## 7

A) Counterclockwise the brass joint to remove the bellows, see FIG. B

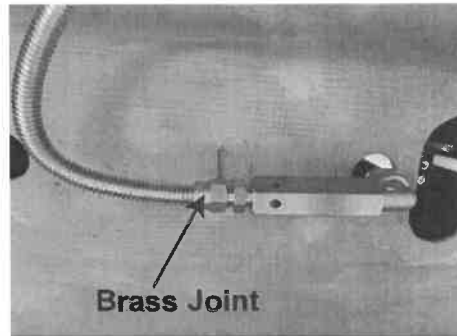


FIG. B

### ⚠ WARNING

ONLY counterclockwise the brass joint on the bellows when remove it.

DO NOT rotate the stainless steel tube. Excessive rotation of the stainless steel tube will cause the gas pipe to twist or break, causing gas leaks.

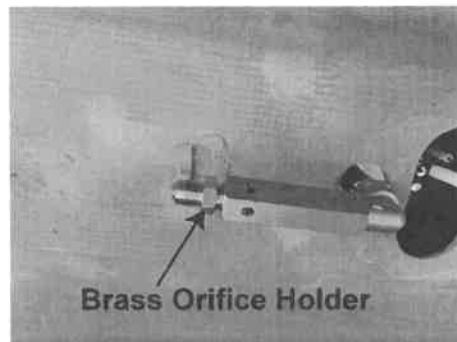
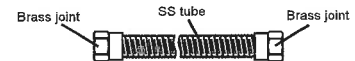


FIG. C

B) Remove the brass orifice holder and orifice. (Orifice is mounted in the orifice holder) , see FIG. C

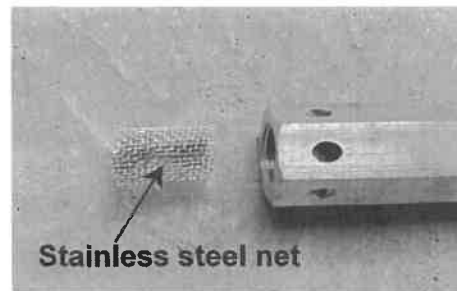
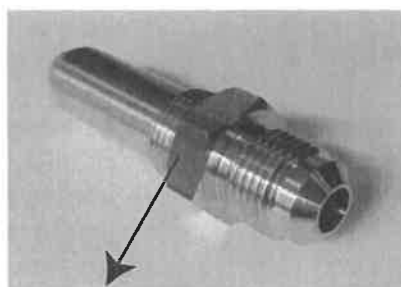


FIG. D

C) Pull out the stainless steel net from the Venturi tube(Air mixer).Make sure no spider nets or other debris in the tube., see FIG. D

## 8



sign 2.96

A) Find the new NG orifice spud from the conversion kit, verify it is the correct size, the sign 2.96 should be on the side of the orifice spud.

# NATURAL GAS CONVERSION INSTRUCTION

B) Screw the new NG orifice spud into the Venturi tube(Air mixer)

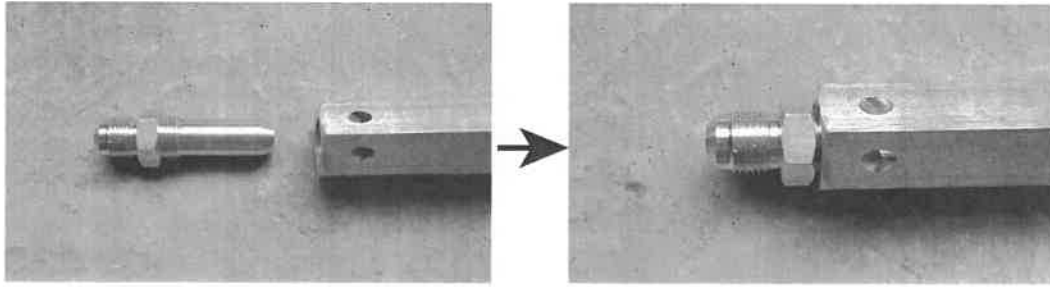


FIG. E

C) Re-attach bellows to the NG orifice spud.

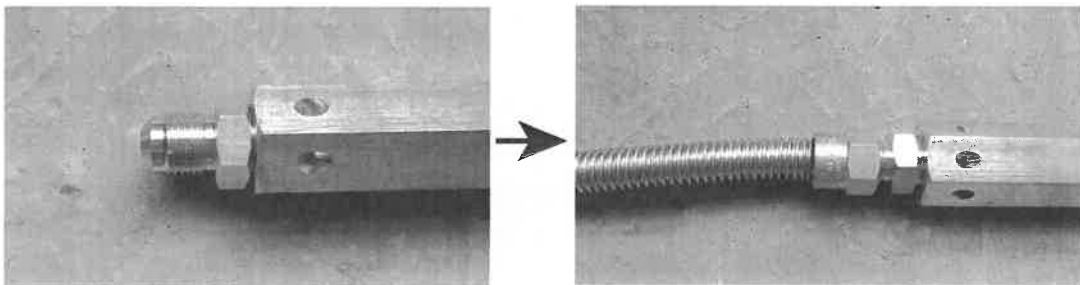


FIG. F

9



A) Assemble the NG safety valve to the control panel, lock tightly with the screws.



B) Assemble the knob to the NG safety valve, lock tightly with hexagonal screwdriver, please pay attention that the white indicator line should be aimed at "OFF".

# NATURAL GAS CONVERSION INSTRUCTION

## 10

- A) Remove the LP hose from the outside of the fire pit.
- B) Remove the Stainless Steel Hex nut.  
see FIG. G

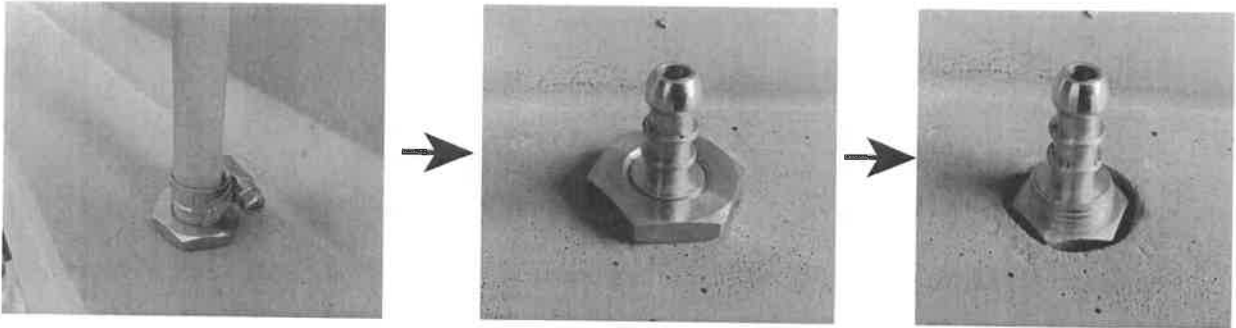


FIG. G

## 11

- A) Remove the Bellows from the inside of the fire pit.
- B) Remove the Stainless Steel Hex Nut & Round Nut.
- C) Remove the Brass Inlet Fitting, then take care of them.  
see FIG. H

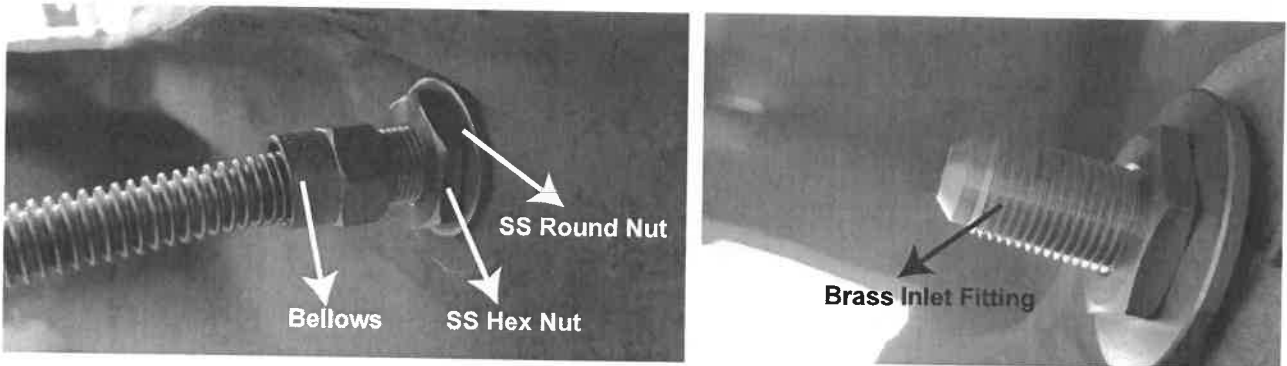
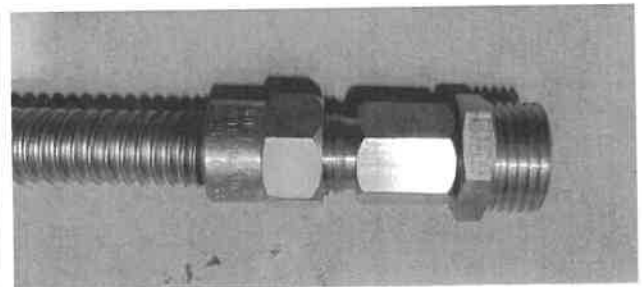
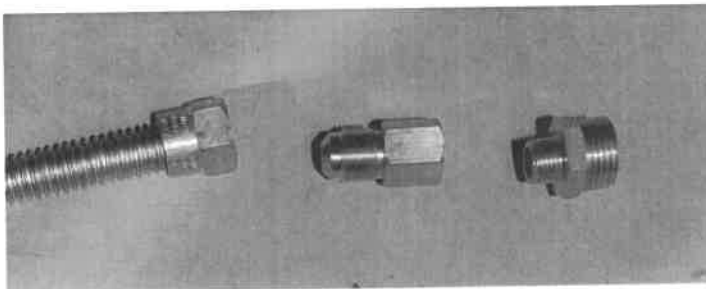
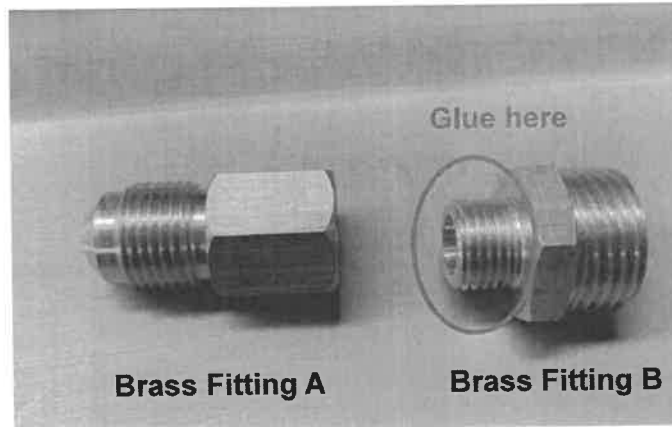


FIG. H

# NATURAL GAS CONVERSION INSTRUCTION

## 12

A) Find out the Brass Fitting A and B from the conversion kit, use glue to the head of the Brass Fitting B (same gluing way as the safety valve), insert it to Brass Fitting A, tighten and make sure the glue is dry enough. Connect the Brass Fitting A to Bellows.



BEFORE

AFTER

## 13

A) The thread of Brass Fitting B is 1/2-14" BSP-TR, connect it to the Natural Gas Hose (Not include).

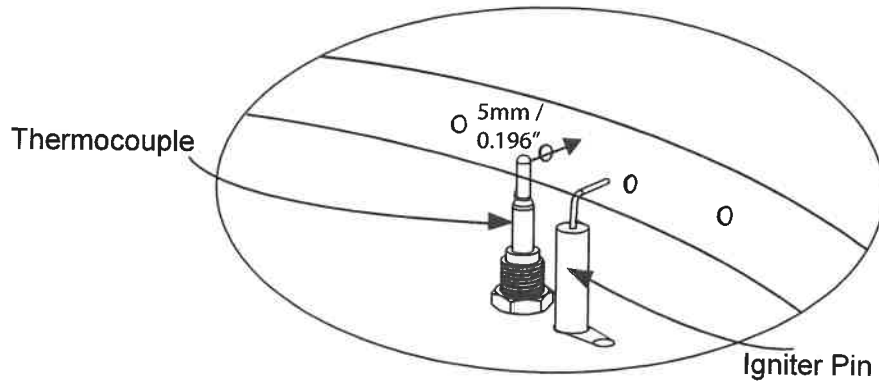


B) Attach the Natural Gas Hose (Not include) to the gas supply.

# NATURAL GAS CONVERSION INSTRUCTION

## 14

After installing the conversion kit, verify the location of the Thermocouple and Igniter Pin using the illustration below.



## 15

Note to installation technicians.

Using a digital manometer verify that the pressure before the orifice is 20 mbar. Also verify that the orifice spud has the **2.96** marked. This will allow you to verify that the input rating of the appliance is correct.

### **⚠ Installing at Altitude**

For installations at elevations above 2000 ft. (610 m) contact your local dealer or gas supplier before installing as input rating should be reduced approximately 4% for each 1000 ft.(305 m) above sea level. Refer to the National Fuel Gas Code. Contact the ELEMENTI for more information.

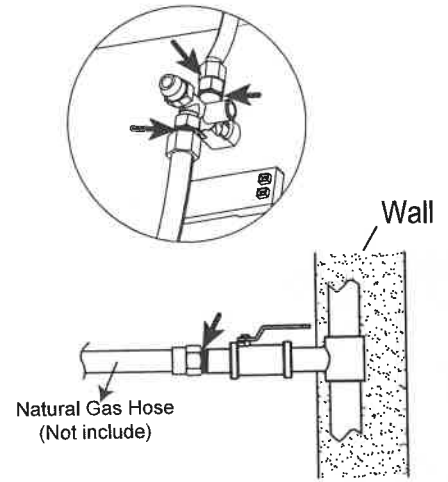
# NATURAL GAS CONVERSION INSTRUCTION

# 16

**! WARNING** Before using this outdoor fire table, make sure you have read, understand and are following all information provided in the Important Safety Information section of this manual. Failure to follow those instructions can cause death, serious injury or property damage.

## Checking for Leaks

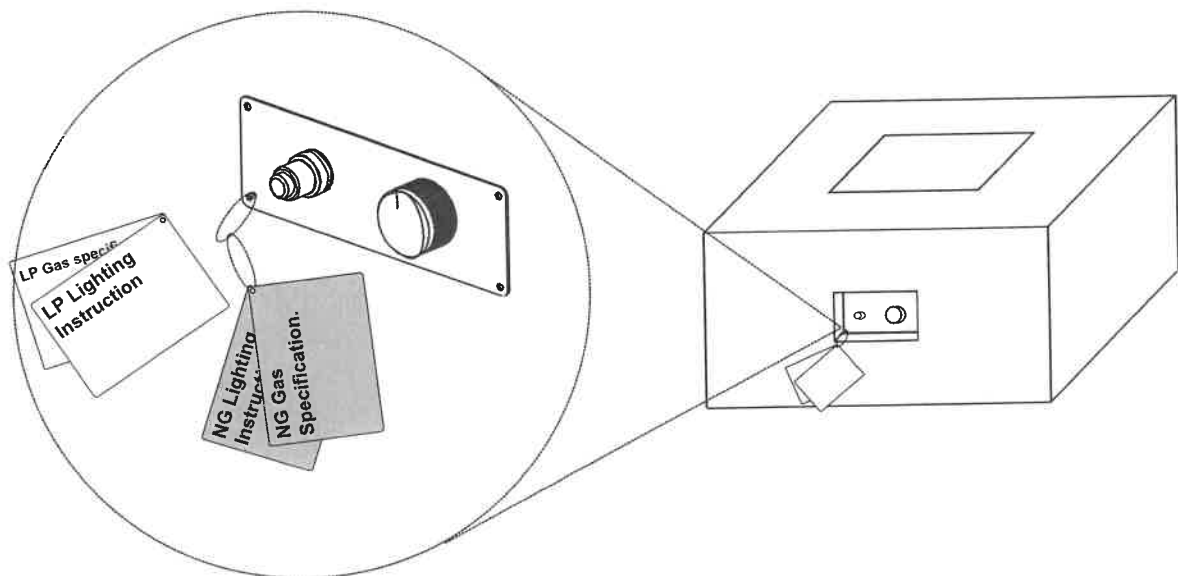
1. Make a leak check solution by mixing 1-part dishwashing soap with 3 parts water in a spray bottle.
2. Make sure control knob is "OFF." Then, turn natural gas on at its source.
3. Spray leak solution on valve connections paying particular attention to the areas indicated by arrows.
4. If any bubbles appear turn natural gas off, reconnect and re-test. If you continue to see bubbles after several attempts, disconnect natural gas source and contact the distributor. If no bubbles appear after one-minute turn source OFF, wipe away solution and proceed.



Check for leaks at these locations

# 17

Remove the original plaque and attach the new plaque(Natural gas) to the fire table using the included chain kit.





# LIGHTING INSTRUCTIONS

## Using the Ignitor

1. Read instructions before lighting.
2. Burner control knob must be in the "OFF" position.
3. Connect natural gas source.
4. Open the natural gas supply to the unit.
5. Push and hold igniter button to create sparks.
6. While holding the igniter button with one hand, use your other hand to push and turn the control knob to the "LOW" position to light the burner.
7. If ignition does not occur in 5 seconds, push and turn the Control Knob to "OFF", wait 5 minutes and allow gas to dissipate.
8. Once the burner is lit, continue to hold the knob in for another 20 seconds and release.
9. Observe flame, make sure all burner ports are lit. Flame height should be no higher than 13 inches tall.
10. Adjust flame to desired flame with the control knob.

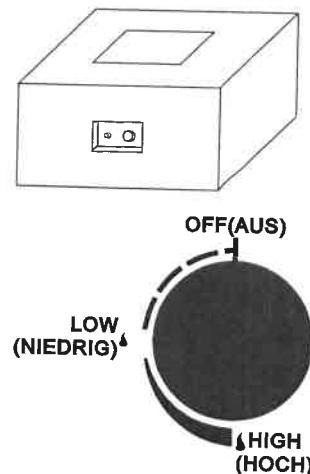


**Keep the lava rock covered and make sure it is dry before igniting.**

## Using a Long Match or Lighter



1. Prior to lighting, use a shovel to move lava rocks for access to the burner.
2. Wearing heat resistant gloves, position the burning long match or burning butane lighter near the side of the burner. DO NOT lean over the fire table while lighting!
3. Turn control knob counterclockwise to "LOW".
4. Remove long match/long butane lighter.
5. After lighting, use a shovel and heat resistant gloves to carefully move the lava rocks back into their proper position.
6. Observe flame, make sure all burner ports are lit. Flame height should be no higher than 13 inches tall.
7. Adjust the flame to the desired height with the control knob.



## WARNING

If burner flame goes out during operation, immediately turn the control knob "OFF" and let the gas clear a minimum of 5 minutes before attempting to re-light the fire table.



## WARNING

When using this method to light your fire table use heat resistant gloves and follow the step by step instructions. Failure to do so could result in severe injury.

## TURNING OFF

1. Push and turn the control knob clockwise to the "OFF" position.
2. Shut off gas supply at the shut-off valve and disconnect the quick disconnect socket from the main gas supply.





# ELEMENTI

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**Ocean Rock USA INC.**

692 Parkridge Ave Norco, CA 92860, USA  
[www.elementifire.com](http://www.elementifire.com)