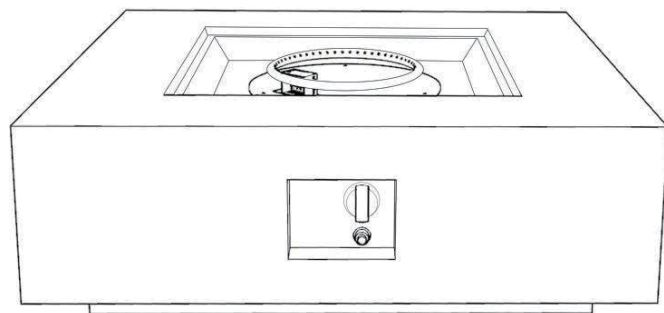


SQUARE MGO FIRE PIT

ASSEMBLY AND OPERATION MANUAL



Read this manual carefully before assembling, using or servicing this appliance

Keep this manual for future reference

Manufactured in China for Central Gas Products Ltd , London



PLEASE READ THE FOLLOWING SAFETY ADVICE PRIOR TO THE OPERATION OF THIS APPLIANCE

If you smell gas:

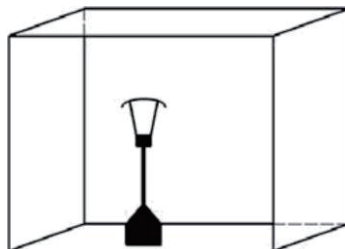
1. Switch off the gas regulator.
2. Extinguish any open flame.
3. If the smell continues immediately call your gas supplier or your fire department.
4. Do not store or use flammable liquids in the vicinity of this appliance.
5. Any gas cylinders not connected for use shall not be stored in the vicinity of this appliance.



For use outdoors or in areas that have ample ventilation.

An amply ventilated area must have a minimum of 25 % of the surface area open.

The surface area is the sum of the walls surface.



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



**Read all of these instructions before
installation and use.**

- This appliance must be installed and the gas cylinder stored in accordance with LPG storage regulations.
- Do not obstruct the ventilation holes of the cylinder housing
- Do not move the appliance when in operation.
- Switch off the gas regulator before moving the appliance
- The rubber hose should be inspected and changed on a yearly basis.
- This appliance is designed to be used with Patio/Leisure propane gas cylinders

SAFETY PRECAUTIONS

Read the instructions before using this appliance. The appliance must be installed in accordance with the instructions.

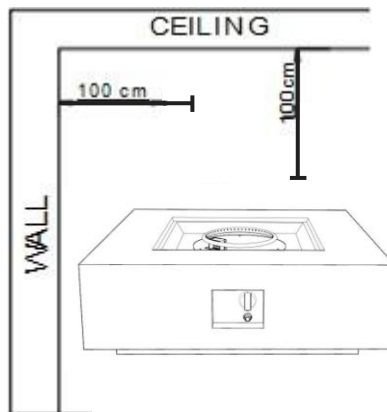
- Do not use this appliance indoors, as it may cause personal injury or property damage.
- This appliance is not intended to be installed on recreational vehicles and/or boats.
- Any repairs should be done by a qualified service person.
- Improper installation, adjustment, alteration can cause personal injury or property damage.
- Do not attempt to alter the unit in any manner.
- Never replace or substitute the regulator with any regulator other than the factory-suggested replacement.
- Do not store or use gasoline or other flammable vapours or liquids in the appliance unit.
- The whole gas system, hose, regulator, pilot or burner should be inspected for leaks or damage before use, and at least annually by a qualified service person.
- All leak tests should be done with a soap solution. Never use an open flame to check for leaks. Do not use the appliance until all connections have been leak tested.
- Turn off the gas valve immediately if smell of gas is detected. Turn Cylinder Valve OFF. If leak is at Hose/ Regulator connection: tighten connection and perform another leak test. If bubbles continue appearing should be returned to hose's place of purchase. If leak is at Regulator/Cylinder Valve connection: disconnect, reconnect, and perform another leak check. If you continue to see bubbles after several attempts, cylinder valve is defective and should be returned to cylinder's place of purchase.
- Do not transport this appliance whilst in operation.
- Do not move the appliance after it has been turned off until the temperature has cooled down. Keep the ventilation opening of the cylinder enclosure free and clear of debris.
- Do not paint the burner or glass pebbles.
- Control compartment, burner and circulation air passageways of the appliance must be kept clean. Frequent cleaning may be required as necessary.
- The gas cylinder should be turned off when the appliance is not in use. Check the appliance immediately if any of the following occurs:
 1. The appliance does not reach temperature.
 2. The burner makes a popping noise during use (a slight noise is normal when the burner is extinguished).
 3. Smell of gas in conjunction with extreme yellow tipping of the burner flames.
- The gas regulator/hose assembly must be located out of pathways where people may trip over it or in areas where the hose will not be subject to accidental damage.
- Any guard or other protective device removed when servicing the appliance must be replaced before operating the appliance. Adults and children should stay away from high temperature surfaces to avoid burns or clothing ignition.

- Children should be carefully supervised when they are in the area of the appliance.
- Clothing or other flammable materials should not be hung on the appliance or placed on or near the appliance.
- The gas cylinder should only be changed in a ventilated area, away from sources of ignition (candles, cigarettes, and other flame producing appliances)
- Do not obstruct the ventilation holes of the cylinder housing
- Switch off the gas tap after use when using red propane cylinders.
- Switch off the regulator after use when using green propane cylinders.
- In the event of gas leak, the appliance shall not be used or if alight, the gas regulator should be turned off immediately and the appliance should be inspected thoroughly before it is used again.
- Inspect the gas hose before every use. If it shows signs of cracking, splitting or other deterioration it should be replaced with new hose of the same length and of the equivalent quality.
- The use of this appliance in enclosed areas can be dangerous and is **PROHIBITED**.

This product contains small batteries which are a choking hazard. Seek immediate medical attention if batteries are swallowed or inhaled. Keep children away from the small batteries.

APPLIANCE STAND AND LOCATION

- The appliance is primarily for outdoor use only. Always ensure that adequate fresh air ventilation is provided.
- Always maintain proper clearance to non protected combustible materials i.e. top 100 cm and sides 100 cm minimum.



- Appliance must be placed on level firm ground.
- Never operate appliance in an explosive atmosphere like in areas where gasoline or other flammable liquids or vapors are stored.
- To protect appliance from strong wind, anchor the base securely to the ground with screws.

Gas Requirements

- This appliance is primarily designed to be used with propane gas.
- Butane gas may also be used with the appropriate regulator however butane freezes at zero degrees so will not be ideal to be used during cold temperatures.
- A dented, rusted or damaged cylinder may be hazardous and should be checked by your gas supplier before being used with this appliance.
- Never connect an unregulated cylinder to the appliance.

LEAK TEST

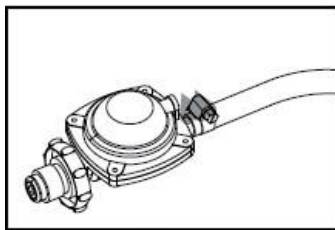
Gas hose connections on the appliance are leak tested at the factory prior to shipment. A complete gas leak check must be performed at the installation site due to possible mishandling during the transit process.



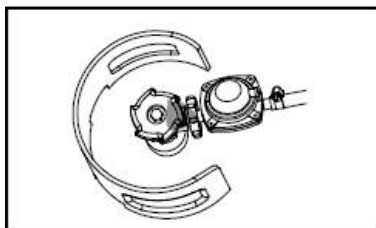
Leak testing: Do not smoke while performing this test, and remove all sources of ignition.

A full gas cylinder is required. This test must be done before initial use, annually and whenever any gas Components are replaced or serviced.

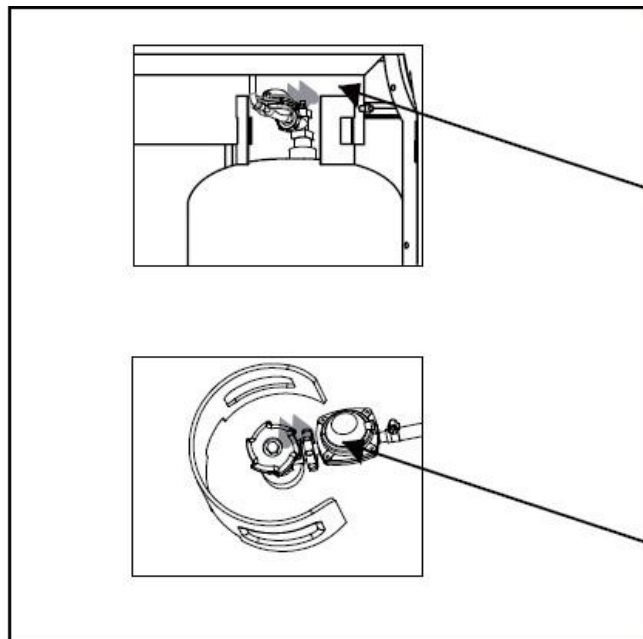
1. Mix a solution of water and washing up liquid, then pour onto the connection between the joints and connections of the regulator, hose, manifolds and valves. See Leak Testing Diagram below for areas to check. Turn all burner controls to the off position. Turn the gas regulator ON.



Hose / Regulator
connection



Regulator / Cylinder
connection



- **If no bubbles are present** - This indicates the connection is leak safe.
- **If bubbles are present** — Tighten the hose clip further and retest for leaks
- If bubbles continue to appear — **please contact your gas supplier or appliance distributor**

2. If the leak cannot be stopped, immediately shut off the gas supply and disconnect it.
3. Do not use the patio appliance until the leak has been corrected.

OPERATION AND STORAGE

TO TURN THE APPLIANCE ON

WARNING: Please ensure the glass pebbles or lava rocks are placed on the burner before operating this appliance.

1. Ensure the variable control knob is at the OFF position
2. Perform a leak test on the gas cylinder valve and then connect the gas regulator to the gas cylinder valve.
3. Perform a leak test on the hose joints of the gas regulator and main burner unit.
4. Push and turn the variable control knob to the "LOW" and whilst holding down, press the ignition button to light the main burner. After the main burner has lit, continue to hold the control knob inwards for 30 seconds.
5. Turn the variable control knob to the desired temperature position - Low to High

IMPORTANT NOTE

- When lighting the appliance for the first time or a new cylinder is connected, the air inside the hose must be purged. This process will take longer than usual as liquefied petroleum gas is heavier than air.
- As a result the variable control knob should be pressed down and held at the "LOW" position for 20-30 seconds before attempting to light the fire pit
- This ensures the gas purges the air in the hose and passes from the cylinder through to the main burner

TO TURN THE APPLIANCE OFF

1. Turn the variable control to the OFF position
2. Turn the regulator connected to the gas cylinder to the OFF position and disconnect the regulator from the cylinder valve.

STORAGE

- Always turn the regulator connected to gas cylinder OFF after use.
- Disconnect the regulator from the cylinder if the appliance is not in use.
- Never store the gas cylinder indoors or without adequate air ventilation.

CLEANING AND CARE

- Wipe off surfaces with soft, moist cloth. Do not clean the appliance with cleaning products that are combustible or corrosive.
- Remove debris and insects from the burner periodically to keep it clean and safe for use.
- Cover the fire pit with the optional protective cover when the appliance is not in use.

CONSTRUCTION AND CHARACTERISTICS

- Transportable terrace/garden fire pit
- Constructed with steel and wicker

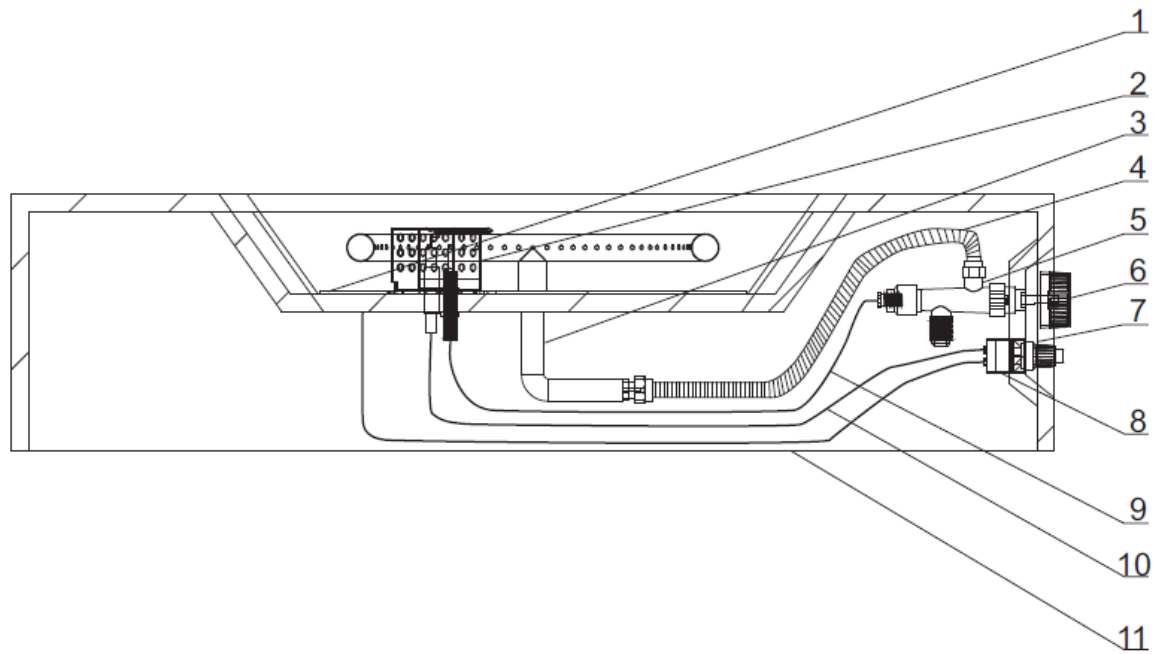
SPECIFICATIONS

- This appliance is best used with propane gas
- Max. wattage: 13kw
- Min. wattage: 5kw

Gas Consumption and Injector Information

ITEM:	SQUARE MGO GAS FIRE PIT				
MODEL:	RG-SQ-MGO				
APPLIANCE CATEGORY:	I ₃₊ (28-30/37)		I _{3B/P} (30)	I _{3B/P} (50)	I _{3B/P} (37)
TYPES OF GAS:	Butane	Propane	Butane, propane or their mixtures	Butane, propane or their mixtures	Butane, propane or their mixtures
GAS PRESSURE:	28-30 mbar	37 mbar	30 mbar	50mbar	37mbar
OUTLET PRESSURE OF REGULATOR:	30 mbar	37 mbar	30 mbar	50mbar	37mbar
TOTAL HEAT INPUT (Hs): (Qn)	11.7kw (923g/h)				
INJECTOR SIZE:	1.80 mm for main burner			1.55 mm for main burner	1.80 mm for main burner
The marking, for example, 1.88 on the injector, indicates that the size of injector is 1.84mm					
COUNTRY OF DESTINATION:					
IDENTIFICATION CODE	2531DL-0123				

EXPANDED VIEW

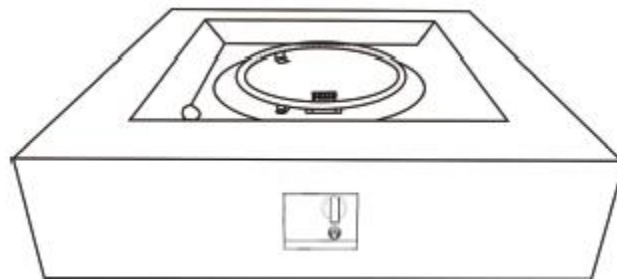


NO	Name
1	Wind Shelter
2	Burner Assembly
3	Orifice
4	Bellows
5	Valve Assembly
6	Knob
7	Control Plate
8	Ignition
9	Thermocouple
10	Electrode Bar
11	Firepit Body

INSTALLATION

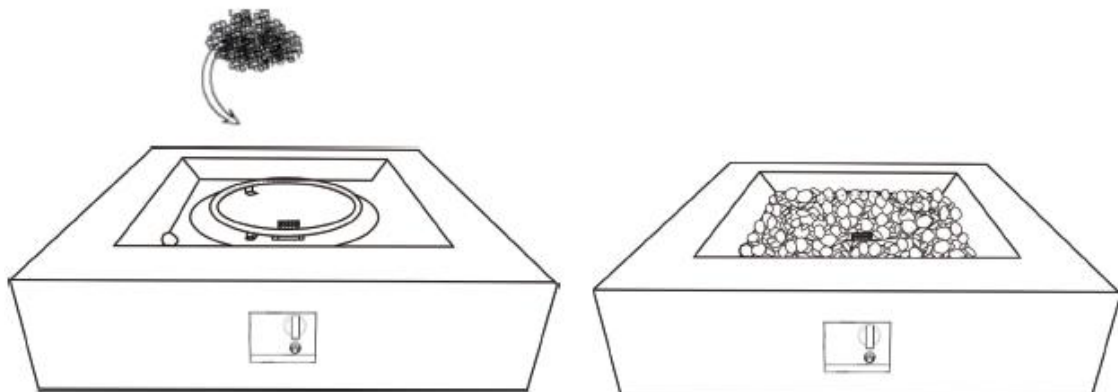
This gas fire pit must be installed on a flat, stable surface, away any combustible materials or construction.

- 1) Remove the fire pit from the carton and remove on a level, non combustible surface



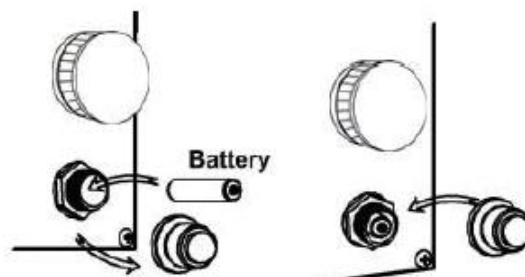
(Picture 1)

- 2) Place the lava rocks on and around the burner evenly



(Picture 2)

- 3) Unscrew the Ignition button and insert an AA battery.



(Picture 3)

- 4) Place the hose out of the path of where people walk as this can be a trip hazard.

TROUBLESHOOTING

Problem	Probable Cause	Suggested Solution
Burner won't light	Gas regulator is OFF	Turn the regulator ON
	Gas cylinder is empty	Replace cylinder with a new one
	Blockage in the injector	Clean or replace injector
	Air in the gas hose	Press the control knob at the low position for 1 minute
	Low gas pressure	Replace cylinder with a new one
	Ignition failure	Change the battery in the ignition or replace the ignition
Burner won't stay lit	Build up of dirt around the burner	Clean the dirt around the burner
	Low flames around the burner	Flame spreader holes partially closed - Clean the burner
	Thermocouple not operating correctly	Replace thermocouple
	Low gas pressure	Replace cylinder with a new one
Burner Flame is low	Outdoor temperature is greater than 5 degrees and cylinder is less than 25% full	Replace cylinder with a new one
	Gas hose is bent or kinked	Straighten hose and perform leak test
	Control knob is not in the Maximum position	Turn the control knob to the OFF position, allow the unit to cool and check the burner for blockages
Carbon Build Up	Dirt on the burner	Clean the burner
Flame Flash Back	Burner ports are blocked	Switch the appliance OFF. Turn the gas regulator off. Wait 5 minutes and repeat the ignition procedure. If problem continues, please contact your retailer.
Thick black smoke	Blockage in the burner	Turn the control knob to the "OFF" position; let the appliance cool at room temperature. Remove the blockage and clean the burner

If you have any other issues, please contact your supplier or distributor. Please do not attempt to modify the appliance in any way or form.