

SINCE 1980

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CHIPPENDALE RESTORATIONS

26 Parsons St Rozelle

NSW 2039 Australia

THE NECTRE

GAS FLAME COAL FIRE

INSTALLATION & OPERATING INSTRUCTIONS



LEADER IN RESTORATION BUILDING SUPPLIES

NECTRE GC GAS OPEN FIRE

USER INSTRUCTIONS

- DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE
- DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE
- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION
- ALWAYS USE A FIREGUARD WHEN OPERATING THE FIRE IN THE PRESENCE OF CHILDREN OR ELDERLY
- ENSURE THAT CURTAINS CANNOT BLOW ACROSS THE FIRE OPENING
- ENSURE THAT THE CHIMNEY OR FLUE IS NOT BLOCKED

GAS FITTING REGULATIONS

The installation of gas appliances is covered by gas fitting regulations in most states which specify that any gas appliance shall only be installed by authorised personnel. Installation by an unauthorised person is an offence under these regulations and could lead to cutting off of gas supply and prosecution.

LIGHTING

Please read carefully before attempting to light your fire for the first time.

Your fire is fitted with a safety gas tap, piezo igniter, pilot, flame failure and oxygen depletion device. To turn the fire on, ensure that the gas supply is turned on, turn the gas knob to the * depress the gas knob and while still depressing the knob, push the piezo igniter button until the pilot is lit. Keep the gas knob depressed for 20 seconds after the pilot is lit. (The first time that the unit is used it may take longer than for the pilot to light as you will have to wait for gas to fill the line). Release the gas knob and check that the pilot stays alight. If it does not, repeat the procedure. If the pilot does not stay alight contact the supplier. When the pilot is alight you may now turn the gas control knob to the high setting (7). The fire will ignite from the pilot. If required you may now turn the gas control knob back to the pilot setting *. The fire will extinguish leaving only the pilot on. Take care not to turn the pilot off as well, a slight resistance is felt before the fully off position. If the pilot is turned off do not try to light it for about a minute as a safety interlock turns all gas off until the unit has cooled down.

It is advisable that if the fire is to be left off for extended periods, the gas control knob should be turned back to the off setting. To relight, follow the procedure from the beginning.

SERVICE

The appliance should require little maintenance. Periodically check that the chimney is drawing properly and that no debris has fallen into the appliance. It can be cleaned by removing the coals and vacuuming. If the flames are very small or the pilot not functioning, it may be due to dirt in the lines, but this must be serviced by an authorised gas fitter.

WARNING

Improper use of this gas fire could be hazardous to health. This fire is to be used only in a properly flued, non combustibile class one fireplace with the chimney or flue free of any obstruction or damper.

The fireplace, hearth, chimney, flue, canopy or any other part associated with the fireplace must conform with the relevant building regulations for domestic type solid fuel burning appliances.

CHIMNEY OR FLUE

The chimney or flue must have a minimum cross sectional diameter of 150mm. The chimney or flue must be fitted with an approved flue cowl. The fireplace must be tested to ensure combustion products do not come into the room.

FLUE TO BE KEPT CLEAR

The flue or chimney of a gas open fire must be kept clear at all times. Devices which close or temporarily close the flue or chimney are not permitted.

VENTILATION

A room in which a gas open fire is installed must have a permanent ventilation opening (other than a chimney or flue) in an external wall. The permanent ventilation opening must satisfy AS5 601 or local authority regulations.

Care must be taken to ensure that any return air register or exhaust system does not adversely affect the operation of the appliance, chimney or flue.

COMMISSIONING

An authorised person must check the complete installation, including the fireplace, chimney or flue, ventilation and the gas open fire, before it is first used to ensure correct operation.

DEFINITION

A gas open fire is an appliance which simulates a solid fuel fire. Its function lies in the aesthetic effect of the flames as well as its heating effect.

We strongly recommend the use of an approved fireguard



INSTALLATION INSTRUCTIONS

SECTION 1 - GENERAL

This appliance must be installed by an authorised person and in accordance with:

1. The manufacturers installation instructions
2. Local gas fitting regulations
3. Municipal Building Codes
4. The AGA installation code for gas burning appliances
5. Any other relevant statutory regulations

Primarily a decorative appliance—not certified as a space heater

Refer to the AGA installation code for pipe sizing detail.

The model number and type of appliance, gas pressure and gas type are found printed on the data plate connected to the base of the burner.

The gas connection point is on the side or rear of the gas control valve at the base of the fire. The regulator is built in to the valve. **PLEASE NOTE: **Coals should not be placed too close to pilot and sensors on the left hand side of this unit.**

Coals put to close may cause the fire to go out by itself.

Instruct the user in the operation of the appliance before leaving.

If the appliance cannot be adjusted to perform correctly, contact the distributor, Pecan Engineering Pty. Ltd. on (08) 8349 8332.

Any service to this fire must be carried out by authorised personnel only.

SECTION 2 - LOCATION

This gas fire is a type 1 appliance and must be installed in an approved non combustibile fire place opening. The units are 430 or 300 long (depending on model) by 110 deep. Whilst the appliance is 190 high a fireplace opening at least 300 high is required.

Inspect the chimney or flue to ensure that:

1. It only serves one appliance
2. It is clear of any obstruction
3. If it is a chimney previously used for any appliance burning a fuel other than gas, it must be thoroughly swept before installing
4. The base of the chimney is clear of debris, bricking up, etc.
5. The flue size is a minimum of 150mm diameter
6. An approved 150mm diameter gas cowl is fitted to the top
7. The chimney draws properly.

SECTION 3 - CONNECTING THE GAS SUPPLY

Gas connection is at the rear or right hand side of the Eurosit valve, a plug closes the alternate opening. The valve has a 3/8 BSP female thread, but the appliance is supplied with a 3/8 to 1/2 Inch BSP male adaptor. Test all joints for gas tightness. Blow out pipe before final connection to ensure that no dust or debris enter the valve. Test for suitable gas pressure at the test point having first purged the supply.

SECTION 4 - FITTING COALS

The tray should be filled with coals and at least one extra layer placed above them. The coals should be placed loosely and randomly in the tray. After lighting, they should be arranged to provide the maximum radiant glow towards the room. It is important to only use coals supplied by Pecan Engineering Pty. Ltd. as incorrect coals can affect combustion.

SECTION 5 - LIGHTING THE FIRE

After fitting the fire, connecting the gas supply and placing the coals, the fire is ready to be lit. The fire is fitted with a piezo ignition and oxypilot. First turn the gas knob from the off setting to the lighting position (*). While depressing the knob, push the piezo ignition button until the pilot is lit. Keep the gas knob in the depressed position for about 20 seconds.

Release it and the pilot should stay alight. If it does not, repeat the procedure again. Once the pilot is alight, to turn the fire on, turn the gas knob onto the high setting (7). The gas fire will ignite from the pilot. You may then turn it to the low setting if required. To turn the fire off, turn it back to the pilot setting taking care not to pass the resistance point and turn



the pilot off as well. If this occurs do not try to relight the fire for about a minute as a safety resistant interlock shuts all gas off until the unit has cooled down.

When the knob is left on pilot, the pilot light will stay on at all times. It is recommended that if the fire is not to be used for extended periods, the gas control knob should be turned back to the off setting. To relight the fire, the pilot will need to be relit.

SECTION 6 - CHECK PROPER OPERATION

Recheck the ignition and operation of the fire on all settings. With the fire alight, make a smoke generator (a twist of paper lit and blown out works quite well) and place above the fire although not in the flames. Check that all smoke is drawn up the flue or chimney. Make sure the user knows how to operate the appliance.

HAND THE USER INSTRUCTIONS TO THE USER

IMPORTANT IN THE EVENT OF ANY FAULT, PLEASE CONTACT YOUR SUPPLIER OR SERVICE DEPARTMENT AT PECAN ENGINEERING ON (03) 8349 8332.

**NECTRE GC TYPE 1
DECORATIVE GAS FIRE**

SERVICING

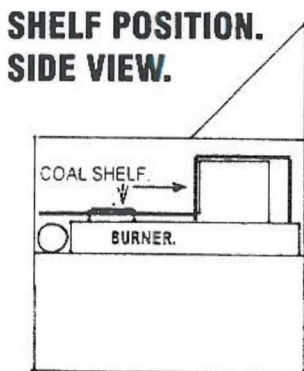
The Nectre GC Decorative Gas Fire should not need regular maintenance. However, if it is not functioning correctly or perhaps biannually a thorough cleaning and inspection would be as follows.

1. Allow the unit to cool.
2. Remove all coals, placing carefully on a piece of newspaper.
3. Clean the burner tray with a vacuum cleaner. If very dirty, the diffuser plate can be removed.
4. Remove the front shield to gain access to the injector. Clean the injector and the pilot.
5. Reassemble without the coals and test operation. Gas inlet and outlet pressure test points are situated on the left side of the control valve (opposite to the supply and outlet pipes).
6. With the burner operating, use a smoke generator (a twist of paper lit and blown out works quite well) just above the fire to check that the chimney has not been blocked and is drawing correctly.
7. Replace coals.
8. Parts: Combination Control
Eurosit 630 without thermostat
Regulator fitted on Natural Gas model.

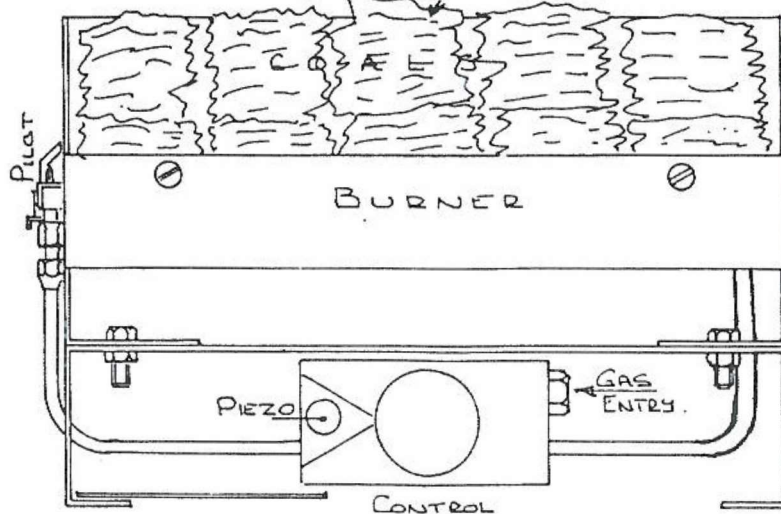
Pilot assembly	SIT Oxypilot
Natural Gas No. 9002	Pilot Aeration 3.5mm
L P Gas No. 9202	Pilot Aeration 3.7mm

New Coals: as supplied by Pecan Engineering Pty. Ltd.

COALS VACUUM FORMED CERAMIC FIBRE
APPROX 50x50x50mm.



Total (h) 245
Total (w) 120



290 Model Total (length) 315
420 Model Total (length) 440

420 FIRE ASSEMBLY FRONT VIEW

NOTE BOTH FIRES IDENTICAL EXCEPT FOR LENGTH & JET SIZE

