

WARRANTY

- infiniti fires warrants the soundness of the steel grate housing and frames from defects in materials or workmanship for a period of 15 years from the date of purchase.
- infiniti fires warrants the gas grate for a period of two years from date of purchase.
- To validate the warranty the customer must produce proof of purchase so that the date thereof can be verified.
- The warranty does not cover rusting. The box and grates are made of steel and may rust under corrosive conditions.
- The warranty will not apply if:
 - The customer cannot produce proof of purchase
 - The gas grate was not installed by a registered gas installer
 - The fire was not installed in accordance with infiniti fires Instruction Book.
 - The damage was caused by the fire being operated outside of its normal working state.
 - The fire was not serviced in accordance with the recommended servicing.
- If a claim arises under this warranty infiniti fires will at its sole discretion either repair or replace the affected unit.
- As infiniti fires does not do the installation of these units they accept no responsibility for the installation thereof.
- infiniti fires shall not be liable for any consequential damage arising out of the use of its units.

Dealer's Stamp

infiniti fires

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Issue 1-2013

This appliance conforms to the requirements of SANS 1539
LP-GSASA permit Number: Permit No: 1121/ZZ/RSA-12/A
Model F700 Picasso FD 200: Permit No: 1121/ZZ/RSA-12/A
Model F700 Picasso FD 300: Permit No: 1121/ZZ/RSA-12/A



Flame Dance Abstracts
Picasso Flueless Gas Fire
Installation and Operating Instructions

For models: F700 Picasso FD 200 and F700 Picasso FD 300



Please read these instructions carefully before installation and use
and retain them for future reference

Warning

This appliance shall not be installed in bedrooms or bathrooms

Warning

This is an flueless gas fired heater. It uses air (oxygen) from the room in which it is installed. Provisions for adequate ventilation shall be provided. Refer to the appropriate section of the user manual

Warning

CARBON MONOXIDE POISONING CAN LEAD TO DEATH

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness or nausea. If you have these signs, the heater may not be working properly. Get fresh air at once ! Have the heater serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anaemia, those under the influence of alcohol, and those at high altitudes.

Warning: Insufficient ventilation will cause an increase in the moisture level in the room which may damage wallpaper, curtains and other soft furnishings leading to the formation of mould. Should this occur, increase the level of ventilation in the room.

Notes.

IMPORTANT POINTS !

It is a **legal** requirement that this appliance is installed and connected to the gas supply by a Registered Gas Installer

It is essential that the appliance is **only** used with the gas type it is supplied for and that the gas supply pressure is as indicated on the appliance rating plate. **Failure to do this will lead to performance and safety issues.**

No pebbles/chips or similar materials or components other than those supplied as original equipment may be used on this appliance. **The use of incorrect materials can result in incomplete combustion and cause potentially dangerous emissions.**

For safe use ensure that you comply with the ventilation requirements as detailed in sections 9 & 11.2.

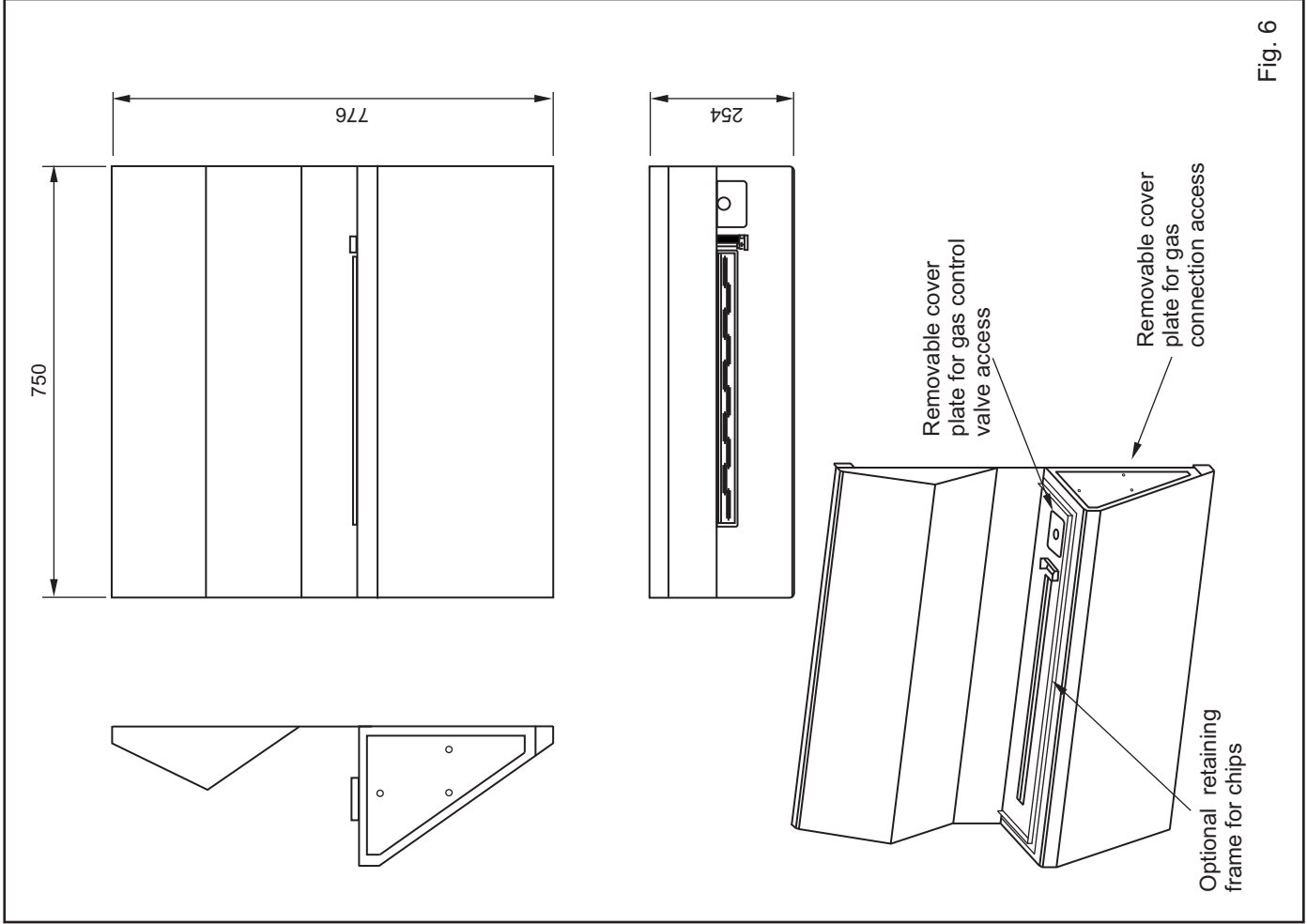


Fig. 6

1. Introduction

Thank you for purchasing your new Picasso Flameless Gas Fireplace manufactured to the highest standards and tested in South Africa for compliance with the National Standard. This appliance is designed to give users years of trouble free and efficient service. Please read the following instructions carefully. Please note that this appliance must be installed by a registered gas installer as indicated below. The manufacturer and /or its agents and distributors will not be held responsible for injuries or damages caused by faulty or incorrect installation or use of the appliance.

2. Technical data

Model	F700 Picasso FD 200	F700 Picasso FD 300	F700 Picasso FD 200 NG	F700 Picasso FD 300 NG
Gas Type	LPG	LPG	Natural Gas	Natural Gas
Operating Pressure	2,8 kPa	2,8 kPa	2,0 kPa	2,0 kPa
Gas Consumption	300 g/h	490 g/h		
Heat Input	15 MJ/h	24,5 MJ/h	15 MJ/h	24,5 MJ/h
Number of Jets	1	1	1	1
Jet number/Size	U/1,3 mm	M/1,5 mm	2/2,5 mm	4/2,9 mm
Room heating capacity	200 m ³	300 m ³	200 m ³	300 m ³

Important information for the user

Read these instructions carefully before using the appliance and retain them for future reference. This appliance consumes oxygen when in use and it is important that it is only used in a well ventilated area for the efficient performance of the appliance and for the safety of the occupants of the area.

This appliance may only be installed by a registered Gas installer. All registered installers are issued with a card carrying their registration number. Ask to be shown the card before allowing the installation work to commence and make a note of the installer SAQCC number. Upon completion of the installation, the installer is required to explain the operational details of the appliance together with the safety instructions. You will be asked to sign acceptance of the installation and be provided with a completion certificate. You should only sign for acceptance of the installation when the installation is completed to your satisfaction.

Note that your invoice is required in the event that you wish to make a guarantee claim. Read carefully the specific warranty conditions on page 12.

Important information for the installer.

LPG models may only be installed by a gas installer registered by SAQCC Gas to install LP Gas appliances, and Natural gas appliances may only be installed by a gas installer registered by SAQCC Gas to install Natural Gas appliances. LPG appliances must be installed in accordance with the requirements of SANS 10087-1 and Natural Gas appliances to SANS 827. In addition, LPG and Natural Gas installations must also comply with any fire department regulations and/or local bylaws applicable to the area. If in doubt check with the relevant authority before undertaking the installation. Upon completion of the installation you are required to fully explain and demonstrate to the user the operational details and safety practices applicable to the appliance and the installation.

The appliances either have been designed specifically for use only with LPG or only with Natural gas and may not be used with any other gas than that for which it has been designed unless modified by a registered installer qualified to work with alternative gases and using the conversion kit supplied by the manufacturer for the specific model.

Read the instructions carefully before commencing the installation. Pay particular attention to the provision of adequate ventilation as insufficient ventilation may impair the efficient performance of the appliance and may endanger the lives of the occupants of the area in which it is used. Note that this appliance is designed for use without a flue.

For detailed installation instructions refer to section 11 of this manual.

3. Safety Information

- LPG FD 200 models will require at least 1 x 9 kg LPG cylinder for efficient performance. Whilst it is permitted to have this size of cylinder inside, it is preferred that the cylinder be installed outside of the premises. LPG FD 300 models will require at least 1 x 19 kg LPG cylinder for efficient performance. **Cylinders larger than 9 kg may only be installed outside**
- For colder areas where winter night time temperatures reach 3°C or lower it may be necessary to use a 19 kg cylinder rather than a 9 kg cylinder to ensure sufficient gas flow when the heater is on a high setting.
- Do not use this appliance if it is leaking gas (see notes below on how to check for a gas leak).
- Keep young children away from the appliance when in use.
- Always be aware of the flames when the appliance is in use. Do not stand too close.
- In the event of a burnback, where the flame burns back to the jet, immediately turn off the gas supply at the control valve on the front panel. After ensuring the flame is extinguished, re-light the appliance in the normal manner. Should the appliance again burn back, close the control valve and call a service technician to examine the appliance. Do not use the appliance again until the service technician has declared that it is safe to do so.
- If there is an apparent gas leak, (smell of gas) close the control valve on the appliance. Make sure that there are no naked flames within 5 metres of the appliance and check for leaks as described below.
- Never check for gas leaks with a naked flame as this is extremely dangerous.
- To check for a gas leak, use a brush dipped in a soapy water solution (e.g. water with dishwashing liquid added) and apply the solution to all the joints in the system. If there is a leak then turn off the gas supply at the isolation valve which the installer will provide as a part of the installation. Call a service technician to examine the appliance and do not use the appliance until the service technician has declared that it is safe to do so.
- Should you suspect a leak at the cylinder or meter connections (outside the house) then apply the soapy water solution to the visible joints such as where the regulator fits into the cylinder or where the regulator fits into the flexible hose, or the joints on the manifold if fitted. If there is a leak then a bubble or bubbles

will form. If you are unable to stop a leak at this point then turn off the cylinder valve or valves and call a service technician to correct the fault. As with leaks inside the premises do not use the appliance until the service technician has declared that it is safe to do so.

- Ensure that the appliance is used away from flammable materials.
- This appliance is fitted with an Oxygen Depletion Sensor for your safety. Do not interfere with or remove or modify this device. See Fig. 5.
- Do not remove the model rating plate that is attached to your appliance. This contains important information in addition to the serial number of the unit which the manufacturer will require should you need to make a service call.

4. Preparing the Picasso wall mounted fireplace for use

- The gas grate is supplied with a quantity of pebbles or chips which may be evenly spread on the flat surface surrounding the burner. Also supplied is a three sided retaining frame which can be secured into place by the installer using the supplied pop rivets. The purpose of the frame is to contain the pebbles or chips to prevent them falling over the edge of the burner tray or covering up the access plate for the control valve.
- It is not a requirement to fit the retaining frame, neither is it a requirement to use the pebbles or chips. If the pebbles or chip are to be used however it is recommended that the retaining frame be fitted.
- When using the retaining frame this should be secured in place by drilling two holes into the front of the burner plate to line up with the pre-drilled holes in the frame.
- It is recommended that this be done by the installer at the time of the installation
- For lighting instructions refer to section 5 in this booklet.
- Picasso grates are available with a choice of decorative options as detailed below:
 - A: Black mild steel base used without stone chips or pebbles.
 - B: White or black chips placed around the burner.
 - C: White or black chips placed around the burner and white pebbles over the top of the burner.
 - D: White pebbles around and over the burner.
- When placing white pebbles over the burner the best results are obtained using a single layer.

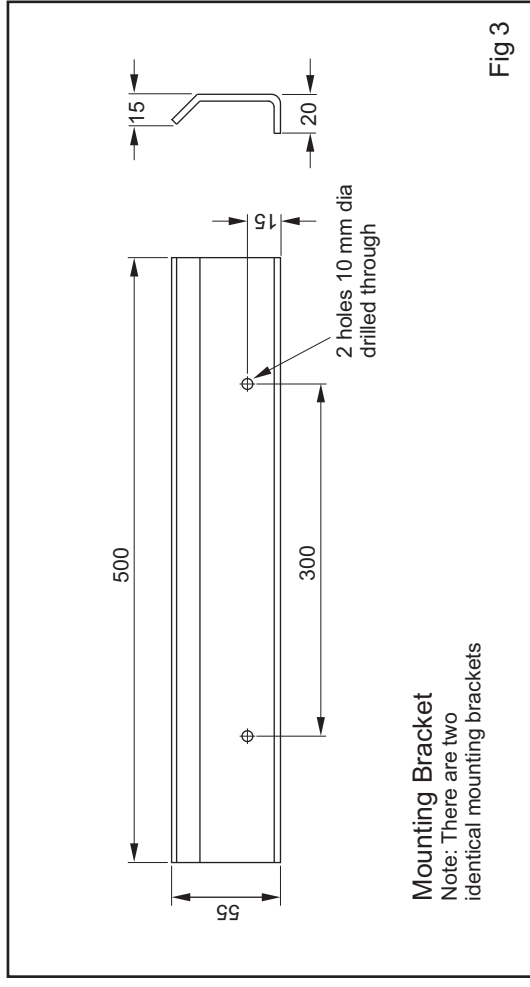


Fig 3

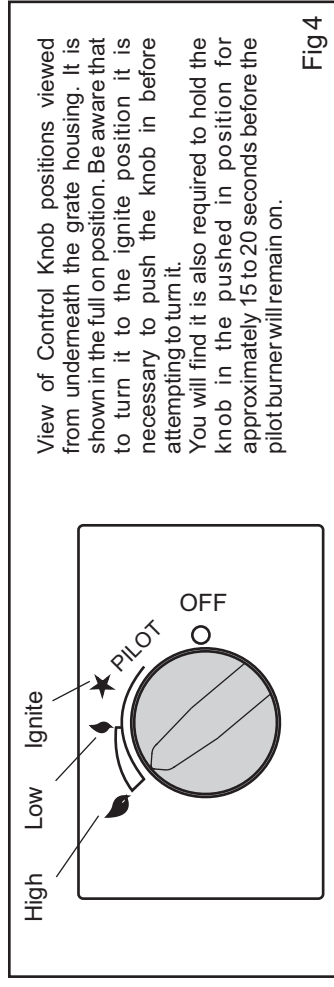


Fig 4

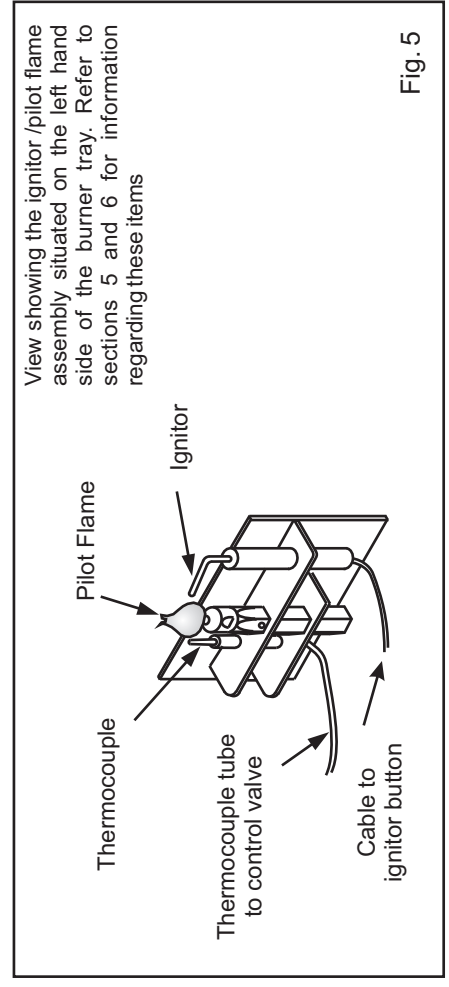
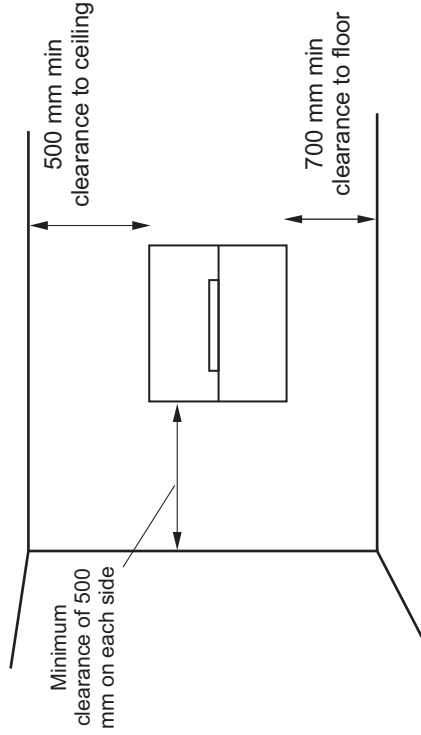


Fig. 5

Note: It is important that there are no flammable materials above the appliance and that a minimum distance of 500 mm each side from any flammable materials such as curtains or blinds be maintained.



Minimum required clearances to adjacent walls, floor and to the ceiling

Fig. 1

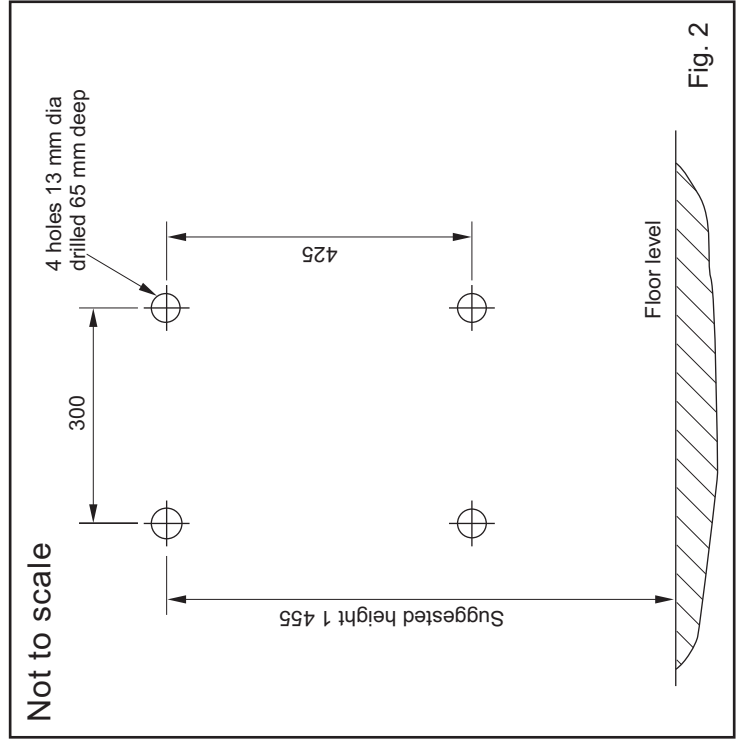


Fig. 2

5. Lighting the appliance

- If at anytime during the igniting process, or during use, you smell gas, immediately turn off the gas supply to the appliance at both the Control Knob and the shut off valve and do not use the appliance until it has been checked for gas leaks as described in section 3 above. It is preferable that this be done by a qualified gas service technician.
- The appliance is fitted with a Piezo Ignitor built into the control valve which automatically ignites the gas grate when the control valve knob is turned to the ignite position and does not require the use of a lighter or matches to light it. (see Figs.4 & 5)
- Check that the gas supply to the gas grate is turned on. Push the control knob in and turn it anticlockwise to the ignite position whilst holding the knob pushed in. This should ignite the pilot burner. Hold the knob in the pushed in position for approx 15 to 20 secs to ensure that the pilot burner remains alight. If the pilot burner does not ignite the first time or it goes out when you release the knob, repeat the above step by turning the control knob back to the off position and try again. Don't forget to push the control knob in before turning it to the ignite position.
- Once the pilot burner ignites and remains lit when you release the control knob, ignite the main burner by turning the control knob in an anti clockwise manner to the required level of heat output.
- It is recommended that when igniting the main burner, to initially set the flame at the minimum level and only increase the flame to the desired setting when the burner is fully lit.
- When the control knob is turned fully anticlockwise, the gas grate is at its highest heat setting. (see Fig 4)
- To reduce the heat output turn the control valve in a clockwise direction.

6. Lighting the gas grate manually

- In the event that the built in Piezo ignitor does not properly ignite the appliance then a lighter or match may be used. In such cases follow the specific instructions below to light the appliance manually.
- Check that the gas supply to the gas grate is turned on.
- Hold a lit match or barbecue lighter to the right hand side of gas grate next to the pilot burner and whilst holding the match or lighter in that position, push the control knob in and turn it

anticlockwise to the ignite position whilst holding the knob pushed in. This should ignite the pilot burner. (see Figs. 4 & 5)

- Once the pilot burner is lit, continue to hold the control knob in the pushed in position for 15 to 20 seconds before turning the control knob in an anticlockwise direction to the required heat setting described in section 5.

7. Turning off the appliance

- To turn off the appliance simply push in and turn the Control knob in a clockwise direction to the off position whilst holding the knob pushed in (see Fig. 4)

8. Using the appliance

- When in use make sure that there are no flammable materials close to the front of the appliance.
- Never try to move any of the pebbles or chips whilst they are hot or whilst the heater is lit. Not only is this a dangerous practice it may damage the pebbles and make them unusable.
- Users should become familiar with the normal flame patterns of the pilot burner and the main burners.

9. Ventilation requirement

- The appliance may only be used in a well ventilated area for the efficient performance of the appliance and the safety of the occupants of the area in which it is used. Take careful note of the following ventilation requirements.
- The minimum room volumes per model without the need for the addition of permanent ventilation is as follows:
 - 60 m³ for the FD 200 model
 - 98 m³ for the FD 300 model
- Where permanent ventilation is required then two openings of not less than that indicated below placed at the top and bottom of adjoining or facing walls to provide permanent ventilation shall be installed. Such openings must lead to the outside and not to another room.
 - 200 models: two openings each of 97.5 cm²
 - 300 models: two openings each of 160 cm²
- **Note that open windows are not deemed to be permanent ventilation.**
- For open plan layouts where there is a permanently open doorway or passageway leading to an adjoining room which may not be closed, the volume of the two adjoining rooms may be added together. If the total volume is less than as indicated above then permanent ventilation is required.
- Where there is an existing fuelless gas

appliance in the room, then the heat input of both appliances must be added together to establish the minimum room size.

10. Care & Maintenance

- With the exception of the placement of the pebbles or chips and their replacement if required, there are no user service points on this appliance.
- It is recommended that this appliance is serviced annually by a registered gas installer.
- The gas installer should check the safe and efficient operation of the gas burner as well as the soundness of the gas line. It will make the appliance work better, give you more heat and ensure the continued safe functioning of this fire.
- Before undertaking any cleaning or maintenance work on the appliance, make sure that it is not hot and that the isolation valve is turned off.
- It is good practice to store the pebbles or chips in a dry place when the appliance is not to be used for several weeks, such as during the summer. This will prevent the build up of dust on the pebbles which may cause sparks or an unpleasant smell when the appliance is lit for the first time after being idle for an extended period.
- To clean the pebbles or chips simply brush the surface of each pebble or coal with a soft brush e.g. a paintbrush.
- Never wet the pebbles or chips or immerse them in water. If for any reason they do become wet or damp, dry them thoroughly by leaving in a warm sunny spot for two or three days to ensure that they are completely dry before use.
- If the pebbles or chips are used when they are not dry then they may crack or split when the appliance is lit. Replacement pebbles or chips are available from the manufacturer.

11. Installation instructions

11.1 Mounting instructions

- The Picasso fuelless gas grate assembly does not require or operate using a chimney flue.
- Some parts of gas grate surface do get very hot during operation and it is therefore required to be installed onto a solid wall of brick or masonry construction. **Do not mount the unit onto a dry wall construction**
- Note the safety clearances to flammable materials as detailed in Fig. 1.
- Before finally deciding on the Picasso gas grate wall bracket positions on the wall,

examine the Gas Grate so that you are aware of the position of the gas inlet point and are able to plan the pipe access through the appliance grate housing and wall bracket through the wall in the most suitable position.

- The steps below should be followed in sequence for optimum results in achieving a trouble free installation
- Before drilling any holes in the wall against which the unit is to be mounted, first check that the position chosen meets the minimum safety distances required as shown in Fig. 1, and that it is possible to lay the gas line in an effective manner with minimal chasing of the walls or adjacent floor to lay the gas line.
- Once the above has been checked drill four 13 mm holes 65 mm deep into the wall. See Fig. 2 for the holes positions. Note also that the fireplace is supplied with a paper template which may also be taped to the wall in a position that meets the requirement: if Fig 1 and this can be used to mark out the hole positions.
- Mark out the wall to indicate the position where the gas pipe should come out of the wall.

Using the marked out wall positions for the gas line, prepare the wall and if necessary the adjacent floor section to accept the gas line.

- When installing the gas line, always make sure that sufficient length of pipe protrudes from the wall to facilitate the connection to the fireplace. This is important not only for the initial installation and reinstalled in the future e.g. after removal for repairs or maintenance.
- Once the gas line is installed and the necessary leak tests have been carried out, make good any damage done to the wall and floor prior to mounting the fireplace.
- Mount the two support brackets on the wall using the supplied wall anchors making sure that the support brackets are level. There is sufficient clearance in the pre drilled holes in the support brackets to make minor adjustments to ensure that the brackets are level before tightening the securing bolts.
- Remove the cover plate from the right hand side of the fireplace and mount the fireplace on the wall making sure that the fireplace mountings correctly engage with both support brackets.
- Connect the gas line to the fireplace.

11.2 Ventilation Requirements

- Before commencing the installation take careful note of the ventilation requirements as detailed in section 9.

- Also take specific note of the minimum room requirements regarding installation in rooms where the minimum room volume requirements are not met. The adding of the volume of a directly adjoining room in order to calculate the ventilation requirements may only be applied if there is not a closeable door or partition between the room in which the appliance is to be installed and the adjoining room.

- The strict rule to be applied is that if the total installed heat input is greater than 0,25 MJ/h per m³ of room volume (4,0 m³ per MJ/h of heat input) then permanent ventilation is required. Therefore be sure to include the heat input of all fuelless appliances in the room when calculating the minimum room size

- **An openable window or door is not permanent ventilation**

11.3 Gas Grate installation

- LPG models require an operating pressure of 2,8 kPa at the appliance.
- A suitable LPG regulator that complies with the requirements of SANS 1237 must be installed outside. (LPG models only)
- It is recommended that copper pipe according to the requirements of SANS 10087-1 be used.
- The gas consumption of the Picasso wall mounted Gas Grate model 1FD 200 is such that for LPG models a minimum of 1 x 9 kg LPG cylinder is required (See also the note in section 1 regarding colder climates). For LPG model FD 300 a minimum of 1 x 19 kg LPG cylinder is required.

- Follow the notes in section 4 to prepare the Gas Grate for use. The Gas Grate is supplied with the correct number of pebbles or stone chips to suit each model.

- Before lighting the appliance for the first time ensure that there are no gas leaks and that a pressure test is done.

- You are required to light the burner in the presence of the owner/ user and to instruct that person in the safe operation of the appliance and the complete installation.

- It is particularly important to show the user the position of the isolator valve

- You are required to provide the owner/user with a completion certificate which must be dated and signed by both parties. Ensure that your name and SAQCC number appear on the certificate.