



1 valentine's buildings

Bechers drive

Aintree racecourse Business Park

L9 5ay

**CF1 L GAS APPLIANCE**

INSET CONVENTIONAL FLUED GAS FIRE

**INSTALLATION & USERS INSTRUCTIONS**

FOR USE WITH NATURAL GAS

G20 @ 20 mbar

For use in GB and IE

**CE**

THESE INSTRUCTIONS MUST BE LEFT WITH THE USER FOR FUTURE REFERENCE

**These instructions cover the models listed below as part of the cf1L range**

1. Miami
2. Manhattan
3. Boston
4. Chicago
5. Florida

The fire tray is the same on all the appliances including the fuel layouts

1. Miami inset conventional flued gas appliance with a convector with rear trim and wall fixing and a front hinged door and trim
2. Manhattan conventional flued gas appliance with a convector with rear trim and wall fixing and a front hinged door and trim 150mm taller than Miami
3. Boston inset conventional flued gas appliance giving radiant heat only
4. Chicago inset conventional flued gas appliance giving radiant heat only 150mm taller than Boston
5. Florida conventional flued gas appliance giving radiant heat and also low voltage fan assisted convector

**USERS INSTRUCTIONS**

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
1. IMPORTANT NOTES	3
2. HOW TO OPERATE THE APPLIANCE	4
3. CLEANING AND SIMPLE MAINTENANCE	6
4. SPARES AND SERVICE	6
5. USER REPLACEABLE PARTS	7

**INSTALLATION INSTRUCTIONS**

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
6. PARTS SUPPLIED	7
7. INSTALLATION REQUIREMENTS	8
8. TECHNICAL DATA	9
9. DIMENSIONS	9
10. CONTENTS OF FIXING KIT	10
11. APPLIANCE LOCATION	10
12. FLUES AND BUILDERS OPENING REQUIREMENTS	12
13. SURROUND REQUIREMENTS	13
14. VENTILATION	14
15. GAS REQUIREMENTS	14
16. INSTALLING THE FIRE	15

17. COMMISSIONING THE FIRE	16
18. LOGS LAYOUT	17
19. PEBBLES LAYOUT	19
20. DRIFTWOOD LAYOUT	20
21. LIGHTING THE FIRE	21
22. CHECKING FOR SPILLAGE	21
23. INSTRUCT THE USER	21
24. SERVICE AND MAINTENANCE & SPARE PARTS	22

## 1: IMPORTANT NOTES

### 1:1

This fire should be installed and serviced **every 12 months** in accordance with current gas safety (Installation and uses) regulations by a competent person who is a member of a recognized gas installer's Organization (e.g. Gas safe) and in accordance with the installation instructions.

### 1:2

The flue should be inspected before your appliance is installed and checked annually to ensure continuous Clearance of combustion products and safe operation.

The chimney must be swept before installation.

### 1:3

**UNDER NO CIRCUMSTANCES** must the fire be used if the glass door panel is broken cracked or Damaged

### 1:4

#### **IMPORTANT.**

The glass panel door and other outer parts, (e.g. outer frame and door) will become hot in use; clothes Etc should not be wrapped over or near the fire and we recommend that a 'fire guard conforming to BS 8423 should be used for the protection of young children the elderly the infirm and pets'.

### 1:5

**DO NOT** burn paper or rubbish in the fire.

### 1:6

It is important for the safe operation and to maintain efficiency that the fire is not operated with damaged or broken fuel effect pieces or ceramics.

**UNDER NO CIRCUMSTANCES** should extra fuel effect pieces be used.

### 1:7

When the fire is first used it may emit a slight odor or smoke, this is due to the newness and will Disappear. **DO NOT WASH OR VACUUM** the Fuel Effect ceramic pieces.

### 1:8

The fire **MUST** be installed into a Builders Opening in line with the Installation Instructions.

No combustible material should be placed within 150mm of the appliance

Any combustible material above the opening should be removed up to a height of 500mm. any shelf above the fire should not project more than 150mm forward.

For deeper shelves allow a 15mm increase in height for every 25mm in depth.

### 1:9

These instructions are intended to assist you in the correct operation of your appliance and Should be kept safe for future reference

**SAFETY:** - The fire is fitted with a flame supervision and atmosphere-sensing device (Oxy pilot) that will shut off the gas supply if the pilot light should go out for any reason. It will extinguish the pilot light if the oxygen content in the room falls below a prescribed level.

If the pilot light keeps going out seek expert help.

**2:0**

**WARNING:** - If the fire is extinguished and the control is **not** in the **off position**, the control should be returned to the off position and no attempt should be made to relight the fire until 3 minutes have Elapsed. If the pilot cannot be relit seek expert help.

The supplier should have fit the batteries required to operate the control system

The Installer may have left the fire at the pilot setting and it is important that you read the

Section headed 'Lighting the Pilot' if you decide to turn off the pilot and prefer to relight it each time you use the fire.

**2:1**

**Lighting the Pilot.**

**You will find this operation quite simple if you**

**Refer to Fig 2:1 showing the Buttons on the**

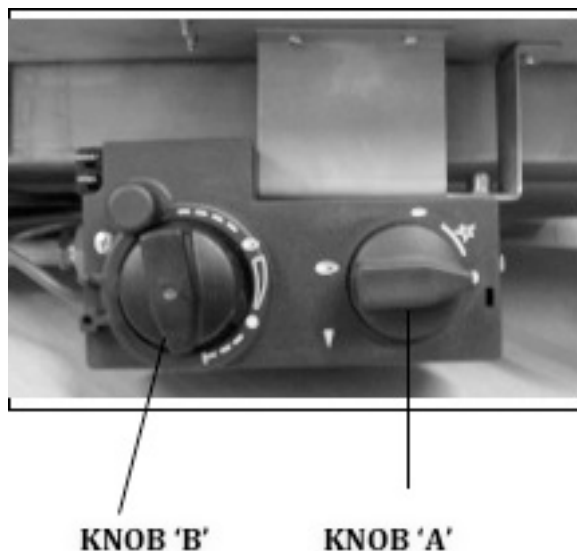
**Remote Control Handset and read this section**

**Before Lighting the Fire.**

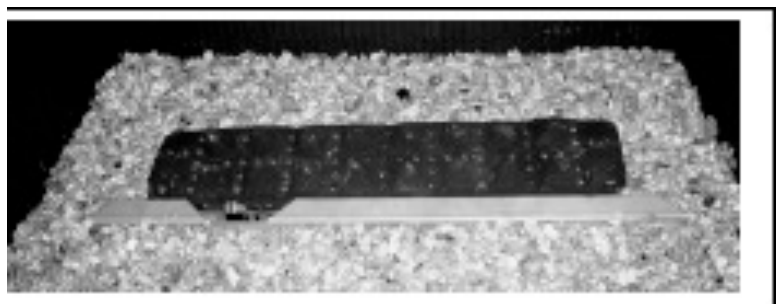
Open the outer door or remove the outer trim depending on which version you have and the **control** can be seen at the base of the fire. Making reference to figure 2:1a familiarize yourself with the knobs. First check that **Control knob 'B'** is set at the maximum Setting. Secondly check that **Control knob 'A'** is set at the off Position as shown in the picture.

It will be necessary to see the pilot and it is visible at the front left centre of the fuel bed, see **Fig 2:1b**. To light the pilot push in and turn **Knob 'A'** to the **Pilot Ignition Star Setting** and it will spark the piezo ignition **check the pilot ignites** and then keep the knob pushed in for **15 Seconds then release and check the pilot is stays lit**

If it does not light turn the knob back to off setting and repeat the operation. (This may take several attempts on the first lighting due to air in the pipes)



**Fig 2:1a**



**FIG 2:1b** pilot shown to front left

Now turn the **Knob 'A'** as far as it will turn to the maximum flame setting.

The main burner will now light at the maximum setting.

The fire is now lit so you can close the outer door or replace the trim and operate the fire using the **remote control handset**. And read the section headed '**Choosing your heat setting**'.

You do not need to light the pilot every time you light the fire. You can leave the pilot lit all the time if the property is Occupied. This way the fire can be totally operated by the remote control handset.

If the fire cannot be lit then seek expert help.

*Keeping the pilot lit keeps the chimney warm and helps reduce condensation marks on the door glass panel.*

### 2:2

#### **Turning the Pilot Off.**

If you decide to turn the pilot off wait until the fire is cool and open the outer door.

Now simply turn **Knob 'A'** to the off setting.

You will not be able to relight the fire or turn the knob for at least 30 seconds as the control has a built in safety lock.

Do not force the knob, as this will damage the control. Wait until the safety lock is released.

### 2:3

#### **Choosing your heat setting.**

There are 2 arrows on the remote control handset, with the fire at the maximum setting point the remote control at the fire and press the bottom arrow to reduce the heat setting the flame heights will lower.

**(It is necessary to press the top button and the small button on the left together to increase the heat setting, This is a safety feature)**

Over time you will find the ideal heat setting for your room. The handset can be used to vary the heat setting up or Down or turn the main burner off completely so that only the pilot is alight.

When you press the handset you may hear the small motor at the control, which is turning **Knob 'B'** electronically, This is quite normal.

### 2:4

#### **Operating the Control System Without Batteries**

The Control System can be operated without batteries.

Light the pilot as detailed above in **Section 2:1a Lighting the Pilot**.

With the Outer door open or trim removed turn **Knob 'B'** to the desired setting, you will notice some resistance when you turn the knob as it will click as it is turned, this is quite normal but do not force the knob.

It is recommended that new batteries be fitted as soon as possible.

### 2:5

#### **Replacing the Batteries in the Remote Control Handset.**

Remove the cover from the back of the Remote Control Handset.

Carefully remove the battery with clip from the Handset.

Remove the clip from the top of the battery and exchange for a new battery

It is recommended that Alkaline Long Life Batteries be used.

Refit the battery back into the handset and refit the cover.

We recommend that the batteries in the Handset and Receiver be exchanged annually

## 2: HOW TO OPERATE THE APPLIANCE

### 2:6

#### **Replacing the Batteries in the Receiver**

Open the fire outer door and you will see a small black Plastic box, this is the Receiver.

Carefully slide the cover off the top of the box and replace the 4 Type 'AA' batteries making sure they are fitted the correct way around. Replace the cover and place the receiver back in position ensuring the receiver is facing you. It is recommended that Alkaline Long Life Batteries be used.

We recommend that the batteries in the Handset and Receiver be exchanged annually.

## 3: CLEANING AND SIMPLE MAINTENANCE

### 3:1

All cleaning should be carried out when the fire is cold. The fire will retain heat for some time after it has been Switched off.

### 3:2

If any of the Fuel Effect Logs Driftwood or Pebble Pieces is seen to be broken or damaged replacements must be Obtained from your Installer.

If soot is seen to be building up on the Fuel Effect Logs Driftwood or Pebble Pieces it is indicating that the Fire Requires Servicing.

### 3.5

Due to the nature of the convection air flowing over the fire the walls of the room directly around and above the fire May become discolored. This is due to particles of dust being carried by the convection air through the fire and up And around the walls.

**Certain wall coverings like blown vinyl should not be used on the wall around the fire.**

### 3.6

**Again ensure the fire and glass panel are cold before proceeding.**

**Like all glass windows the glass will become dirty and require cleaning.**

The glass door can be cleaned on both the **outside** and **inside** with a damp cloth, allowed to dry then wiped with a Dry cloth to remove smears. To do this opens the **Outer Door**

Remove the 2 screws at the Left Hand side; the **Glass Door** will then open. OR remove the 6 screws holding on the glass retaining frame and remove taking care the glass panel does not fall forward (depending on which appliance you have)

**Important.**

**After cleaning it is important that the Glass Door is sealed closed with the fixing screws.**

**If the Glass Door Panel is found to be Cracked, Chipped or Damaged the Fire Must Not Be used until it has Been changed.**

**Important.**

**Do not disturb the Fuel Effect Logs Driftwood or Pebble Pieces.**

## 4: Spares and service

### 4:1

For spares and service, contact your local supplier or installer stating the appliance NAME, MODEL, SERIAL NUMBER

### 4:2

Regular service and inspection should be undertaken to ensure continued safe operation.

It is recommended that your fire and flue should be checked and serviced annually by a competent person for Continued safe operation

5: user replaceable parts

PART NUMBER	DESCRIPTION
CF1L001	REMOTE HANDSET
CFL002	REMOTE RECEIVER
CFL003	LOGS
CFL004	PEBBLES
CFL005	DRIFTWOOD
CFL006	TRIMS

INSTALLATION INSTRUCTIONS

6: PARTS SUPPLIED BOX CONTENTS

1. Miami

Box 1: main fire heat engine / glass door /fuels type instructions and fixings /remote control

Box 2: trims and fixing frame

2. Manhattan

Box 1: main fire heat engine / glass door/remote control

Box 2:fuels type instructions and fixings

Box 3: trims and fixing frame

3. Boston

Box 1: main fire heat engine /glass door/fuels type instructions and fixings

Box 2: trims and fixing frame

4. Chicago

5. Box 1: main fire heat engine /glass door/

Box 2: fuels type instructions and fixings

Box 3: trims and fixing frame

6. Florida

Box 1: main fire heat engine /glass door/fuels type instructions and fixings/fans

Box 2: trims and fixing frame

## 7: INSTALLATION REQUIREMENTS

In your own interest and that of safety, it is law, that a competent person who is a member of a recognized gas installation organization must install all gas appliances

(E.g. Gas safe) In accordance with Current Gas Safety (**INSTALLATION AND USE**) Regulations.

Before installation, ensure that the local distribution conditions (identification of the gas and pressure) and the adjustment of the appliance are compatible.

The installation must be in accordance with these installation instructions and all relevant parts of the Local and National Building Regulations, the Building Standards (Scotland) Regulations and the relevant recommendations of current editions of the following British Standards: -

BS 5871	BS 8303	BS 5440 PART 1	BS 5440 PART 2	BS 6891
------------	------------	-------------------	-------------------	------------

**IMPORTANT:** This appliance is fitted with a spillage monitoring system, (ODS) and must not be adjusted, bypassed or Put out of operation, by the user or installer. Any parts of this system should only be exchanged for genuine crystal Manufacture parts.

This fire must not be installed in a room that contains a bath or shower.

This fire cannot be installed onto a combustible wall. All combustible materials must be removed from the area shown in section 11-appliance location

No combustible materials must be present in the builders opening.

These Instructions must be left with the User.

### **VENTILATION: GB**

For installation in Great Britain additional ventilation is not normally required unless indicated as being required by the 'Spillage Test'

### **VENTILATION: IE**

For installation in Southern Ireland ventilation must be in accordance with I.S813 Domestic Gas Installations.



**8: TECHNICAL DATA**

MODELS	MIAMI--MANHATTAN—BOSTON--CHICAGO--FLORIDA
GAS TYPE	NATURAL GAS ONLY G20
SUPPLY PRESSURE	20mbars
CATEGORY	l2h
INJECTOR	420 STEREOMATIC
GAS CONNECTION	8mm COMPRESSION
HIGH HEAT INPUT	5.5kW (GROSS)
LOW HEAT INPUT	2.9 kW
WEIGHT	25 KG

**9: DIMENSIONS**

GENERAL DIMENSIONS	CF1L MIAMI	CF1L BOSTON	CF1L MANHATTAN	CF1L CHICAGO	CF1L FLORIDA
HEIGHT	615mm	565mm	765mm	715mm	565mm
WIDTH	1020mm	887mm	1020mm	887mm	887mm
DEPTH	375mm	290mm	375mm	290mm	290mm
DEPTH WITHIN OPENING	275mm	290mm	275mm	290mm	290mm
MINIMUM OPENING DEPTH	285mm	340mm	285mm	340mm	340mm

**Warning slight dimension changes may occur without notice for constant improvement**

## 10: CONTENTS OF FIXING KITS

There are 2 different fixing frame kits for the cf1L appliances due to difference in design, and with the Manhattan and Chicago appliances both being taller be 150mm

1. fixing frame 1 for CF1L: Miami & Manhattan (150mm taller)  
FIXING FRAME  
SCREWS AND PLUGS TO INSTALL THE FRAME  
10 SELF TAPPING SCREWS  
10 MACHINE SCREWS FOR FIXING OF REAR TRIM  
9 FOAM STRIPS
2. fixing frame 2 for CF1L: Boston, Florida & Chicago (150mm taller)  
FIXING FRAME  
10 SCREWS AND PLUGS TO INSTALL FRAME  
SELF TAPPERS IN THE FIXING FRAME  
7 FOAM STRIPS

## 11: APPLIANCE LOCATION

The diagrams below shows the maximum and minimum Height and width dimensions of the Builders Opening with the Grey shaded area representing the minimum flat surface area required around the fire.

Any combustible materials must be removed from this area.

Care should be taken to prevent any damage being caused to surrounding soft furnishing or decoration, many wall Coverings (E.G.) Embossed vinyl may become Discolored if placed to close to the appliance.

**WARNING: - A suitable guard should be used for he protection of children, the elderly and the infirm.**

The fire must be fitted against a non-combustible surface, which must extend 150 mm past any edge of the appliance. Where a suitable fire surround is not used it is Recommended that a non-combustible shelf is fitted At least 60mm above the fireplace opening.

This will help to reduce the effects of wall

OPENING SIZES REQUIRED BELOW BUT IT IS RECCOMENDED YOU POSITION THE FIXING FRAME ON THE WALL AND MARK OUT THE CORRECT OPENING AND LOCATION AS REQUIRED

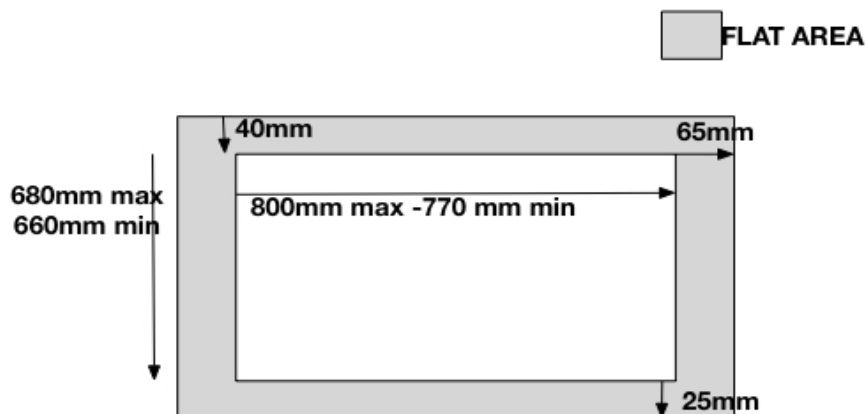


fig 11:1 MANHATTAN & CHICAGO

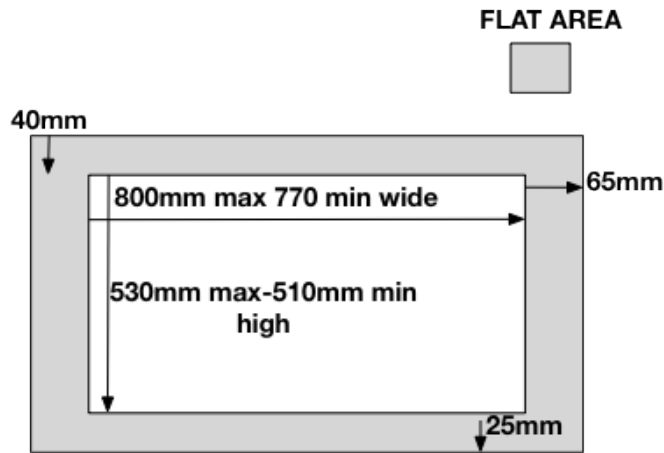
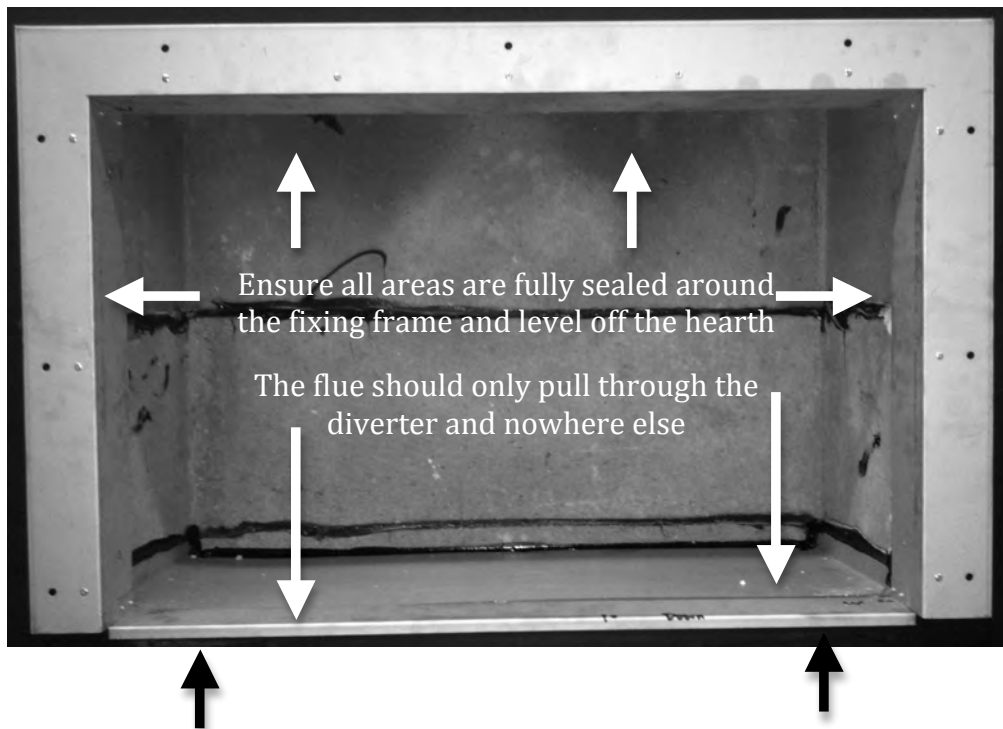


fig 11:1a Miami ,boston & florida



**THE BOSTON, CHICAGO AND FLORIDA ALL RECEIVE VENTILATION FROM THE BOTTOM OF THE FIXING FRAME ENSURE THIS AIRFLOW IS NOT COVERED IN ANY WAY, AND ALWAYS KEPT CLEAR**

Showing Boston fixing frame screwed to wall, ensure all sides of frame are sealed using sand and cement or a similar Material and level off the hearth ensuring the flue can only pull through the flue diverter ensuring a good flue pull

## 12. FLUES AND BUILDERS OPENING REQUIREMENTS

Prior to creating the builders opening the flue must be checked.

No restrictor plate or flue damper is permitted.

The flue must be swept prior to installation.

The flue must be free of any obstructions.

The flue must be checked to ensure it **only** serves the fireplace opening to be used for the fire.

The flue must have a positive up-draught and checked as follows before the builders-opening is constructed:

Before installing the fire a simple smoke test should be carried out on the flue to check its condition. Light a smoke Generator, hold it at the top of the fireplace opening and observe that the smoke is being drawn up the flue, if so, proceed with installation. If not, pre heat the Flues for a few minutes and recheck, if smoke still fails to be drawn up the flue, further Investigation is required and the appliance **MUST NOT BE FITTED**.

The effective height of the flue must be at least 3 meters

WARNING PASSING A SMOKE TEST IS NOT AN INDICATION THE APPLIANCE HAS PASSED A SPILLAGE TEST

BOTH TESTS ARE A SEPARATE PROCEDURE

### A

#### **Purpose Made Builders Opening With a Conventional Stone Flue.**

With a minimum cross sectional dimension of 175mm (7") and minimum effective height of 3 meters. Fig 12:1a shows the minimum and maximum sizes of the builders opening.

The base of the builders opening must be a non-combustible material and at least 12mm thick. The Builders Opening must be at least 300mm off the floor for a wall mounted fire installation.

It is recommended that a qualified builder construct the builder's enclosure.

A lintel should be used to support the chimney breast above the Builders opening.

Any gaps around the Builders Opening, as may be the case with a dry liner wall must be sealed.

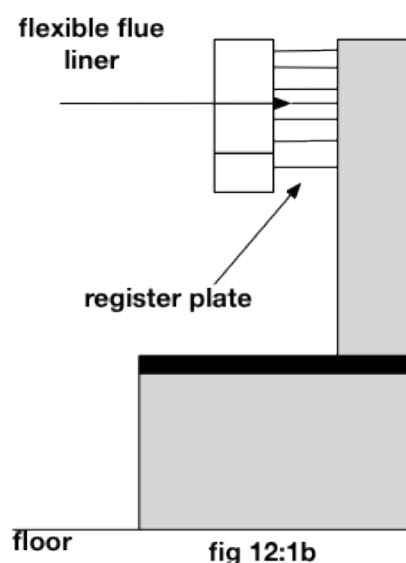
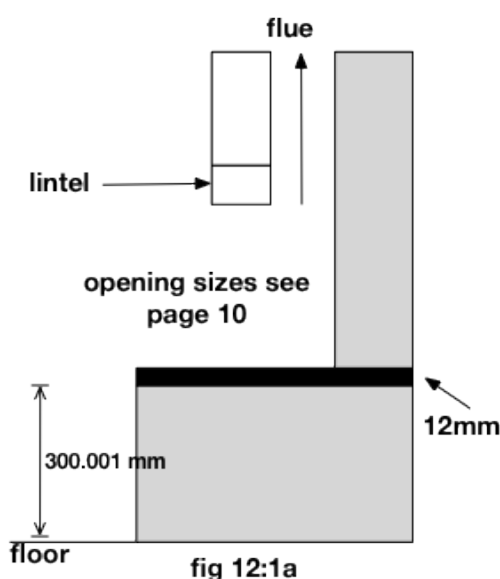
### B

#### **Additional Requirements for a Purpose Made Builders Opening below a Flexible Flue Liner.**

A 125mm (5") diameter flexible gas flue liner

Conforming to B.S 715, and connected to a Register Plate fitted and sealed above the Builders Opening.

See Fig 12:1b



## 13: SURROUND REQUIREMENTS

### Installation into a Suitable Fire Surround and Hearth With Combustible and Non Combustible Shelf Requirements.

If the fire is to be installed into a suitable fire surround it must have a fire rating of 150C.

The fireplace opening must be at least 60mm above the upper surface of the hearth.

The Hearth must be non-combustible and protrude at least 300mm in front of the fire and be at least 1000mm wide.

The upper surface of the hearth must be at least 12mm thick and it should be raised off the floor by 50mm to protect Against the possibility of carpets sliding on to the hearth. If the hearth as an up-stand the base of the fireplace opening Will have to be raised the height of the up-stand to ensure the outer door can still be opened.

See **Fig 11:1 & Fig 11:1a** for the minimum flat areas required for the fire surround backboard.

If the fire surrounds as a combustible shelf it must be at least 200mm above the top of the builders opening

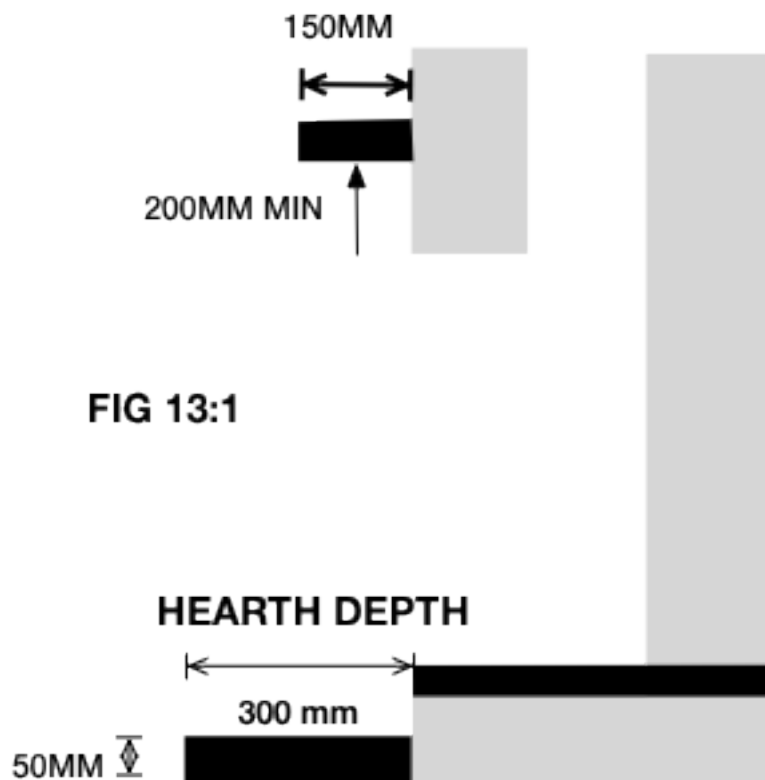
And protrude from the wall be no more than 150mm

See **Fig 13:1**.

For every 25mm increase in depth of combustible

Shelf the position of the shelf must be raised by a further 25mm.

If the shelf is a non-combustible shelf it must be fitted at least 60mm above the builders opening and its depth is not Restricted.



## 14: VENTILATION

No purpose provided additional ventilation is normally required, however this is subject to the spillage test  
In the Republic of Ireland (IE) ventilation shall be in accordance with **I.S813 Domestic Gas Standards**.

Any purpose provided ventilation should be checked regularly to ensure that this is free from obstruction.

### **IMPORTANT**

This appliance is fitted with a spillage monitoring pilot system (ODS) and must not be adjusted, by-passed or put out of operation by the user or installer. Any parts of this ODS pilot system must only be exchanged for genuine crystal parts.

## 15: GAS SUPPLY

Ensure the gas supply is correct and is Natural Gas with a minimum supply pressure of 20mbar.

The gas installation must be in accordance with the latest issue of

BS6891. Route the gas supply into the rear of the builders opening to the left as you are looking at the appliance

Care should be taken to sleeve the supply pipe when fitting

Through masonry. Only use a rigid or semi-rigid metal tubing of 8mm can be used.

A combined Restrictor Elbow with Pressure Test Point is supplied

With the fire and comes complete with a 8mm nut and olive see **Fig15: 1**.

All gas pipes must now be purged of both air and any debris that may have entered the pipe work.

With the Restrictor Elbow fitted, pressure test all pipe work before proceeding with installing the fire.



FIG 15:1

## 16:INSTALLING THE FIRE

Remove the **Fixing Frame** from the box

The Frame can be fitted to the builders opening using the screws And Raul plugs provided If a fire surround is to be used then it is recommended that the Fixing should be inside the builders opening so as to not risk Damaging the fire surround.

Once the surround has been fixed to the builders opening it should be sealed from the inside of the metal frame and the base sealed, see page 11.

It is important the frame is sealed completely so when the fire is installed the flue pull will only be through the diverter

The foam strips can be stuck to the back of the gas appliance,

The fire can now be fitted into the fitting frame guiding the gas pipe through the adjustable hole, which must be sealed over the gas pipe when the appliance is connected not allowing the flue to pull through it

Once positioned the appliance can be screwed into the fitting frame to secure an airtight seal

Depending which model is being fitted if it's the Miami or Manhattan the outer trim can now be installed using the small machine screws supplied see fig 16:1



Fig 16:1

See above fitting the outer trim for Miami or Manhattan model using the screws provided

## 17:COMMISSIONING THE APPLIANCE

Remove the customers chosen fuel effect pieces from the pack and check that none are broken or damaged.  
If Logs has been chosen it will be necessary to leave the **Log Support** fitted with the 3 Screws see **Fig 17:1**.if pebbles or driftwood have been chosen it will need removing  
Making reference to section 17,18 and 19 for placing the fuel effect pieces

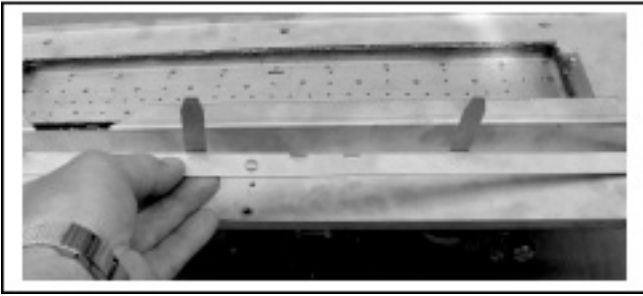


Fig 17:1 removing log support if driftwood or pebbles is the fuel being installed

Once it has been determined whether the log support is required the granules can be placed around the fire tray ensuring that no granules are positioned on the burner or blocking the air for combustion around the burner.

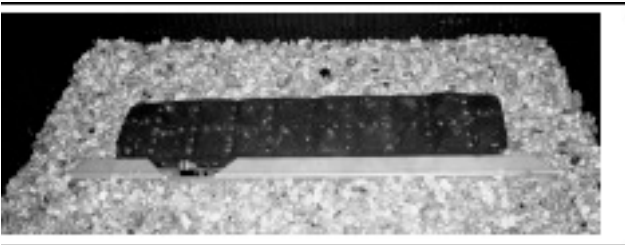


Fig 17:2 fitting granules

Showing the granules fitted around the fire tray if the logs are to be fitted the main rear log can be fitted first and then the granules fitted around the front and sides



Once the fuel has been fitted the glass door can be fitted if the model is the Miami or Manhattan the hinged door can be closed and secured using the 2 screws, see hinges on fig 17:3If the Boston, Chicago or Florida the glass can be placed with the bottom in the trough and the glass frame fitted using the screws ensuring not to over tighten see fig 17:4



**Fitting Logs Note all the Log pieces  
Have numbers on their Base  
Fit the Large Rear Log Piece No1  
Behind the burner as shown in Fig.18: 1**

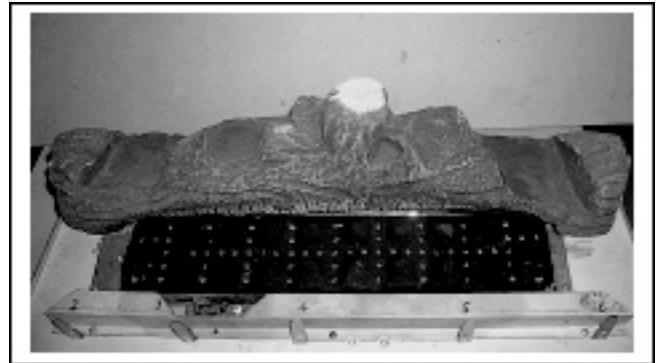


FIG 18:1

**Fitting Log No2  
Fit Log No2 at the left hand  
Side ensuring the hole in the base locates  
On to the metal peg at the front and it rests  
In the groove in the Rear Log as shown  
Fig 18:2**



Fig 18:2

**Fitting Log or No3  
Fit Log No3 next to the last  
Piece ensuring the hole in the base locates  
Onto the metal peg at the front and it rests  
On the Large Rear Log/Driftwood as shown**

FIG 18:3



FIG 18:3

**Fitting 'V' Log or No4****Fit 'V' Shaped Log No4**

Next to the last piece ensuring the hole

In the base locates onto the metal peg

At the front and it rests around the

**Branch** on the **Large Rear Log**

As shown **Fig. 18:4**



FIG 18:4

**Fitting Log No5**

Fit **Log No5** next to the last

Piece ensuring the hole in the

base locates

Onto the metal peg at the front

and it rests

On the **Large Rear**

**Log/Driftwood** as shown in

FIG 18:5



FIG 18:5

**Fitting Log No6**

Fit the last **Log No6** at the far

Right

Hand side ensuring the hole in the

base locates

Onto the metal peg at the front and it

rests

In the groove in the rear **Large Rear**

**Log** as shown.

Adjust the **granules** between

The **Log** to hide any metalwork that

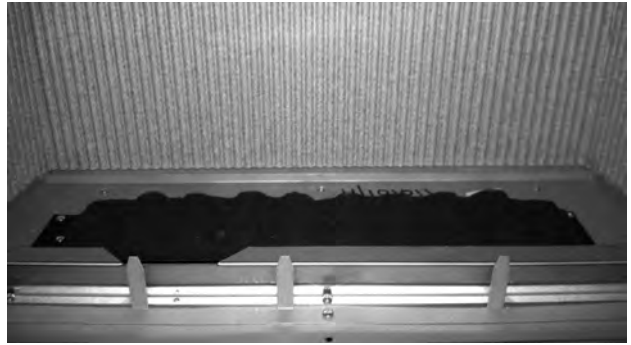
May be showing see **Fig. 18:6**



FIG 18:6

Finally ensuring the **Pilot** is visible and clear of any granules Check that the **Glass Door** is clean then seal closed with screws

The log support bracket must be removed  
Before the pebbles can be installed by removing  
3 self tapping screws and lifting away the  
Bracket  
Keep bracket and screws safe if for any reason  
You may wish to return to the log set up in the  
Future



Fit the 6 pebbles marked with L underneath  
As shown on right



Fit the 5 pebbles marked D underneath on top of  
the log support bracket as shown on right  
Important the pebbles do not sit in the flames



When the pebbles are installed there must be  
none in the flames and the burner clear as shown  
by white on right



**Cf1L driftwood layout**



1  
spread the granules around the base  
WARNING DO NOT BLOCK AIR RELIEF AT  
FRONT AND BACK OF BURNER



2  
PLACE 2 LARGE LOGS CENTRAL TO THE  
REAR OF THE FIRE  
DO NOT COVER OVER AIR RELIEF SLOT



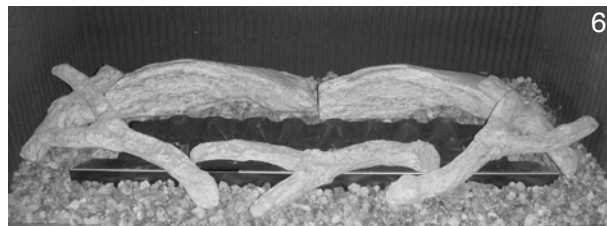
3  
TWO SMALL LOGS REST AT SIDES ON TOP  
OF LARGE LOGS AND RESTING ON  
GRANULES



4  
RIGHT SIDE BRANCH LOG RESTS ON SIDE  
LOG AND GRANULES AT FRONT



5  
LEFT SIDE BRANCH LOG RESTS ON SIDE  
LOG AND GRANULES AT FRONT



6  
CENTRE BRANCH LOG SITS BETWEEN TWO  
AS SHOWN ABOVE



7  
RIGHT TOP BRANCH SITS ON REAR LOG &  
ON FRONT RIGHT BRANCH LOG AS ABOVE



8  
LEFT TOP BRANCH SITS ON REAR LOG &  
ON FRONT LEFT LOG AS ABOVE



9  
FRONT CENTRE TOP LOG SITS AS ABOVE



10  
REAR CENTRE TOP LOG SITS AS ABOVE

## 21:LIGHTING THE FIRE

Following the instructions on page 4 and turn on the appliance, check the operation of the Handset turning the fire up and down,  
Leave fire in the full position and carry out spillage test

## 22:SPILLAGE TEST

Close all doors and windows.

With the fire operating at High after 5 minutes apply a smoke match at the Diverter Inlet as shown in **Fig 21:1**. All smoke should be drawn into the Diverter, if not wait a further 10minutes and repeat the Test.

If there are any Extraction Fans in the room or Adjoining rooms set them at maximum and with the Door to this room open repeat the above test.

If spillage still occurs Seek Expert Advise.

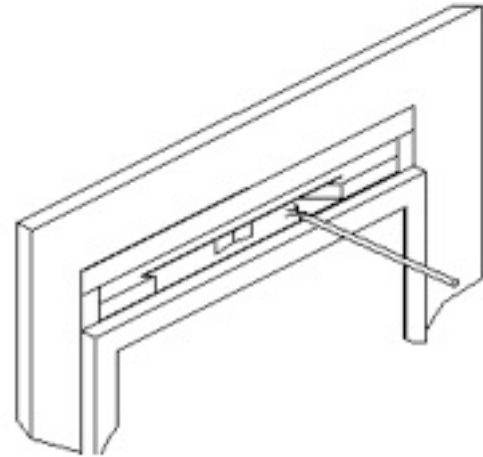


FIG 21:1

If spillage persists it could be either a Flue problem requiring checking of the condition of the Flue or a lack of Ventilation. To check for a lack of Ventilation Air open a window slightly in the room or adjoining room, then again check for spillage.

If this corrects the problem then additional ventilation (Air Brick) will be required. Seek expert assistance with all these issues, as the customer will need to be advised.

## 22:INSTRUCT THE USER

### 22:1

Instruct the user on the safe operation of the appliance.

Demonstrate how to operate the Remote Control System.

Explain the function of the ODS as described earlier.

Any cleaning procedures should only be undertaken with the appliance cold.

Show the Customer how to gain access to the Glass Door for cleaning on the Outside and how to gain access to the Inside for cleaning.

Advise the customer that the fire must **never** be used with the Door Open or if the Glass Panel is found to be cracked Chipped or damaged.

Draw the customer's attention to the Section in the Users on Wall Staining and the position of Combustible wall Coverings.

Hand all the Instructions to the user for safekeeping and future reference.

Advise the Customer that the Batteries in the Remote Control Hand Set and Receiver must be replaced at the Beginning of the next Heating Season

Advise the customer that the **flue and fire should be serviced Annually** for continued safe operation

23:1

**General Checks prior to any Servicing or Maintenance.**

**A competent person in line with current GAS SAFE recommendations must service the fire every year.**

**It is recommended that a gas soundness test be conducted before any Servicing.**

**It is also recommended that the operation of the fire be checked prior to any Servicing. After these checks and before any Servicing is carried out, make sure the Fire is COLD.**

**General Servicing.**

Lay a dustsheet in front of the Fire.

Open the Outer Door and Isolate the fire from the Main Gas Supply by sealing it off at the Isolation Elbow provided.

Check any of the Fuel Effect Pieces for Soot build up, clean and refit.

Check for any Lint build up around the pilot, ensuring there is no lint at the Aeration Hole of the Pilot.

**THE ODS PILOT MUST BE REPLACED DURING ANY SERVICING LIKE FOR LIKE**

Check for any Lint build up around the Burner Aeration Hole at the Left Hand End of the Burner and the burner ports

Check if the fire was installed with a Flue Liner or into a Conventional Unlined Chimney.

If **not** lined then using a torch look through the hole around the gas inlet pipe and check for any appreciable build up of Debris. If there is a build up of Debris the Fire will have to be removed

Before resealing the Glass Door and Re-commissioning the fire ensure the Glass Panel is Clean.

Reconnect the gas supply.

Check all faults have been corrected then re-commission the fire, conducting the usual safety checks and

**Specifically gas soundness and spillage tests.**

Fit new batteries into the Handset and Receiver

Finally with the Outer Door Closed ensure the Remote Control Handset operates the fire correctly

**Removing the Burner Mounting Plate Assembly.**

All gas components can be serviced or replaced without removing the fire, however the Burner Mounting Plate Assembly will have to be removed requiring the Fuel Effect Components (e.g. Logs, Driftwood or Pebbles) to also Be removed.

Lay a dust sheet in front of the Fire.

Open the Outer Door and Isolate the fire from the Main Gas Supply by sealing it off at the Isolation Elbow provided.

Open the Glass Door by removing the 2 Screws at the Left Hand Side

Carefully remove the Fuel Effect Pieces as follows:

**For Logs or Driftwood.**

Remove the Logs or Driftwood by lifting the Top Pieces first off the front locating pegs then the Large Rear Log.

Collect and Remove the granules

Remove the Log/Driftwood Support to prevent it becoming damaged

**Or**

**For Pebbles**

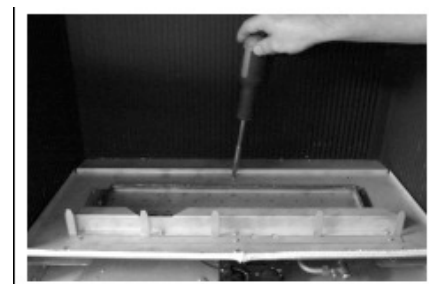
For Pebbles remove and separate into the 2 different sizes.

**Note: Have you isolated the gas supply?**

Disconnect the gas-tubing nut to the side of the Isolation Elbow and move the pipe clear of the Control.

**Disconnect the Receiver:** disconnect the receiver by removing the electrical connectors from the upper Left Hand Corner of the Main Control.

Remove the 6 screws holding down the burner it can then be removed see right



Whilst lifting the Assembly at the rear, rotate it towards you and remove it from the Fire taking care not to foul the Side Liners of the fire.

All gas-carrying parts are now accessible for servicing or replacement.

For refitting follow the above Instructions in reverse order.

**Ensure you replace the fuel pieces following the relevant instructions**

## 23:2

### Removing the Fire.

*Note: This should only be required for removal of Debris or to check the condition of the Flue/Chimney.*

The fire is installed into a special Wall Sealing Frame so that the wall fixing/cladding will not need to be disturbed When the fire is removed.

Lay a dustsheet in front of the Fire.

Open the Outer Door and Isolate the fire from the Main Gas Supply by sealing it off at the Isolation Elbow provided.

Remove the **Outer Door** by removing the **Hinge Pins** on the Right Hand side

Open the **Glass Door** by removing the 2 Screws at the Left Hand Side

Carefully remove the fuel effect pieces as follows:

#### For Logs or Driftwood.

Remove the Logs or Driftwood by lifting the Top Pieces first off the front locating pegs then the Large Rear Log.

Collect and Remove the granules.

Remove the Log/Driftwood Support to prevent it becoming damaged

**Or**

#### For Pebbles

For Pebbles remove and separate into the 2 different sizes.

Collect and Remove the granules.

#### **Note: Have you isolated the gas supply?**

Disconnect the gas-tubing nut to the side of the Isolation Elbow and move the pipe clear of the Control.

Remove the screws securing the **Fire** to the **Wall Sealing Frame**.

**The Fire can then be slid clear of the Wall Sealing Frame taking care to ensure the Gas Inlet Pipe complete With Isolation Elbow clears through the cut out at the rear.**

Remove any Debris from the rear of the fire.

Replace the fire by following the above instructions in reverse order.

Check that the foam seal is adequately sealing the fire to the fireplace opening.

For refitting the Fuel Bed components see **relevant sections**

Check all faults have been corrected then re-commission the fire, conducting the usual safety checks and specifically Gas soundness and spillage tests.

Fit new batteries into the Handset and Receiver

Finally with the **Outer Door** Refitted and Closed ensure the Remote Control Handset operates the fire correctly

#### **Changing the ODS Pilot Assembly.**

**The ODS Pilot Assembly is not a Serviceable item and for continued Safety MUST only be replaced with a Genuine crystal Fire Ltd Part.**

#### **Follow Section 23:1 Removing the Burner Mounting Plate Assembly.**

If Logs or Driftwood is being used remove and retain the 3 screws securing the Log Support to prevent it becoming Damaged

Remove and retain the 3 screws securing the Air Guide.

With the Burner Mounting Plate Assembly Upside down, disconnect the Electrode Lead from the Pilot Electrode, and Disconnect the Pilot Pipe from the base of the Pilot

Assembly and the Thermocouple from the Main Gas Control

Remove and exchange the ODS Pilot by removing and retaining the 2 securing screws.

Replace the parts in reverse order.

For refitting the Fuel Bed components see **relevant section**

Check all faults have been corrected then re-commission the fire, conducting the usual safety checks and specifically gas soundness and spillage tests.

Fit new batteries into the Handset and Receiver

Finally with the Outer Door Closed ensure the Remote Control Handset operates the fire correctly

**Changing the injector**

Follow instructions above to remove fuel and remove 4 screws holding on the aeration bracket

Disconnect the nut on pipe to injector and remove injector and aeration bracket

Change injector and replace in reverse order

**23:4**

**Changing the Gas Control.**

**Follow Section 23:1 Removing the Burner Mounting Plate Assembly.**

If Logs or Driftwood is being used remove and retain the 3 screws securing the Log Support to prevent it becoming damaged

Remove and retain the 3 screws securing the Air Guide.

With the Burner Mounting Plate Assembly upside down disconnect the Electrode Lead from the Pilot Electrode, disconnect the Pilot Pipe from the back of the Main Control and the Thermocouple from the Main Gas Control.

Disconnect the Outlet/Injector Pipe and the Main Inlet Pipe.

Remove and retain the 2 screws securing the Main Control.

Fit the new Control and replace all parts in reverse order.

For refitting the Fuel Bed components see relevant section

Check all faults have been corrected then re-commission the fire, conducting the usual safety checks and specifically gas soundness and spillage tests.

Fit new batteries into the Handset and Receiver

Finally with the Outer Door Closed ensure the Remote Control Handset operates the fire correctly.

PART	PART NUMBER
GLASS DOOR AND SEAL	CF1L01
LOGS	CF1L02
PEBBLES	CF1L03
DRIFTWOOD	CF1L04
GAS CONTROL	CF1L05
HANDSET	CF1L06
RECEIVER	CF1L07
ODS 9077	CF1L08
INJECTOR 420	CF1L09
GRANULES	CF1L10
TRIMS	CF1L11

## PILOT CLEANING



### **Left**

This is an incorrect pilot and needs cleaning, no yellow should ever be seen in a pilot light,  
**If pilot is yellow do not use the appliance until cleaned**





AIR SUPPLY MUST BE KEPT CLEAR  
ONCE INSTALLATION IS COMPLETE THE TRIM IS  
FITTED BY PLACING THE TRIM INTO PLACE AND SECURING USING MAGNETS  
SUPPLIED ON THE APPLIANCE

**IMPORTANT**

ENSURE TRIM IS FITTED CORRECT WITH CUT OUT IN THE BOTTOM  
THIS IS REQUIRED AS THE APPLIANCE REQUIRES ITS AIR FOR SAFE USE  
**UNDER NO CIRCUMSTANCES MUST THIS EVER BE  
CLOSED OFF**