

## **PYROTECH DELUXE®**

### **INSTALLATION & OPERATING MANUAL**

The Pyrotech Deluxe is approved to be installed into a masonry fireplace, as a zero clearance firebox enclosed by a timber frame and plastered, or as a free standing unit. The Pyrotech is approved to operate on Natural Gas and Propane (LPG) gases only. Approval Number GMK10092.

VERSION 39

## WARRANTY INFORMATION

The benefits provided to you under the following warranty are in addition to any other rights and remedies available to you under the law.

### 1. Warranty

If:

- (a) during the first 15 years from the date of purchase (Firebox Warranty Period), there is a defect in the firebox of the Gas Burner; or
- (b) during the first 2 years from the date of purchase (Parts Warranty Period), there is a defect in the gas valves or other parts of the Gas Burner,  
due to improper workmanship or material, Glen Dimplex will replace or repair the Gas Burner without charge. Any replacement product is warranted only for the time remaining on the original Firebox Warranty Period or the Parts Warranty Period as relevant.

### 2. Registration

You must register to receive the benefit of this warranty by completing the warranty registration on our website ([www.realflame.com.au](http://www.realflame.com.au)) or completing and mailing the attached registration card within 30 days of purchase of your Gas Burner (or, if the Gas Burner is fitted to a new home, within 30 days of the date of settlement of purchase of such new home).

### 3. Exclusions

Glen Dimplex is not obliged to replace or repair the Gas Burner under clause 1 if:

- (a) it has been improperly stored, installed, connected, used, operated or repaired, or damaged, abused, tampered with, altered (without our written approval), or not maintained in strict accordance with our installation and operating instructions; or
- (b) it has been installed in an outdoor setting.

### 4. Limit of Liability

The warranty provided under this warranty is limited to replacement or repair of the Gas Burner only, at our option. To the extent permitted by law, Glen Dimplex excludes liability for consequential loss or any other loss or damage caused to property or persons arising from any cause whatsoever, and damage arising from normal wear and tear.

### 5. Claiming under the Warranty

In order to claim under this warranty you must, within the Firebox Warranty Period or the Parts Warranty Period (as relevant), contact Glen Dimplex, providing the original proof of purchase and the details below:

Supplier Name \_\_\_\_\_

Date Of Purchase / settlement of property if new home \_\_\_\_\_

Model / Serial Number \_\_\_\_\_

This warranty does not cover the cost of claiming under the warranty or transporting the Real Flame Gas Burner to and from the supplier.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

If you would like to speak to someone about your Gas Burner or claiming under this warranty, please contact the Service Warranty Desk on 1300 554 155.

Glen Dimplex Australia Pty Ltd ACN 69 118 275 460  
Head Office: 1340 Ferntree Gully Road, Scoresby 3179  
Telephone: (03) 8706 2000 Facsimile: (03) 876 2001

## WARNING

The Pyrotech Deluxe has a primary safety glass fitted in front of the glass door. This safety glass is fitted to this appliance to reduce the risk of injury from burns and at no time should this glass be permanently removed. For protection of young children or the infirm, a secondary guard is required.

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

## INSTALLATION NOTICE

- The installation of this appliance is only to be carried out by an authorised person in accordance with the Manufacturer's Instructions, local gas fitting regulations, AS5601-2004 installation code for gas burning appliances and any other relevant statutory regulations.
- In all cases the installation of this appliance shall meet the requirements as set out in AS5601-2004.

- NOTE: A slight smell may be apparent for the first few hours of use. This is due to the heat resistant paint curing. It is recommended to open windows in the room for the first lighting of the fire. In some instances a slight discolouration may occur inside the firebox. This is a normal condition and is not covered by warranty.
- This heater is designed to have a luminous flame and may exhibit a slight carbon deposit.

## IMPORTANT SAFETY NOTICE

- DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
- DO NOT USE OR STORE FLAMMABLE MATERIAL NEAR THE APPLIANCE.
- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IT IS IN OPERATION.
- DO NOT OPERATE WITH GLASS PANEL REMOVED FROM THIS APPLIANCE.
- DO NOT MODIFY THIS APPLIANCE.

## SERVICING

It is recommended you service your gas fire every 2 years as a minimum.

## VENTILATION REQUIREMENTS

- ADDITIONAL VENTILATION IS REQUIRED ONLY IF THE UNIT IS INSTALLED IN A ROOM OF LESS THAN 10 CUBIC METRES IN SIZE - REFER AS5601 CLAUSE 5,4,3,1.

## CORD REPLACEMENT

Electrical cord replacement must be undertaken by qualified and trained personnel only.

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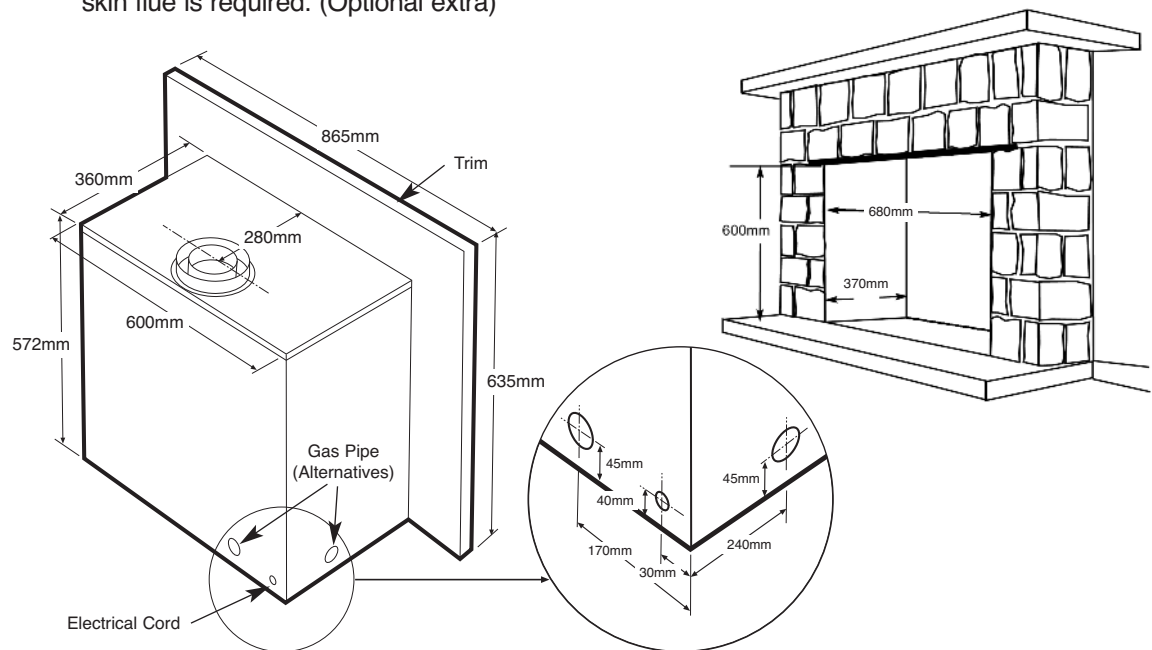
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## DATA PLATE

|   |               |                      |                     |
|---|---------------|----------------------|---------------------|
| MODEL: <b>PYROTECH DELUXE</b>                 |               | WEIGHT: <b>61 kg</b> |                     |
| TYPE  | INJ/SIZE      | MJ/H                 | P.T.P.              |
| <input type="checkbox"/> <b>NG PRIMARY</b>    | 2 x 1.65mm    | 28                   | 1.00kPa HIGH        |
| <input type="checkbox"/> <b>NG SECONDARY</b>  | 2 x 1.65mm    | 18                   | 0.39kPa LOW         |
| <input type="checkbox"/> <b>LPG PRIMARY</b>   | 2 x 1.05mm    | 28                   | 2.50kPa HIGH        |
| <input type="checkbox"/> <b>LPG SECONDARY</b> | 2 x 1.05mm    | 18                   | 0.95kPa LOW         |
| APPROVAL NUMBER<br>TBA                        | SERIAL NUMBER |                      | DATE OF MANUFACTURE |

## PYROTECH INBUILT MODEL

- Unit installed into an existing “working” fireplace requires an AGA approved 150mm gas cowl. If the chimney does not draw properly, a 900mm length of flexi flue (supplied with unit) should be fixed to the flue spigot on top of the heater. The flexi flue should be fixed in the vertical position in a manner that does not allow the flue to fall or come away from the spigot.
- If the fireplace is not a working fireplace, then an approved 100mm flue system with 100mm AGA approved gas cowl should be used. (Optional extra)
- If the flue is exposed or enclosed with combustible materials, an approved 100/150mm twin skin flue is required. (Optional extra)



### Pyrotech Inbuilt Installation Procedure

- TICK BOXES
- ☐ Check chimney for correct venting of fumes
  - ☐ Position unit centrally.
  - ☐ Connect to gas supply using 15mm copper union.
  - ☐ Connect to power supply.
  - ☐ Remove glass and assemble log or pebble set as shown (Figures 1 - 12).

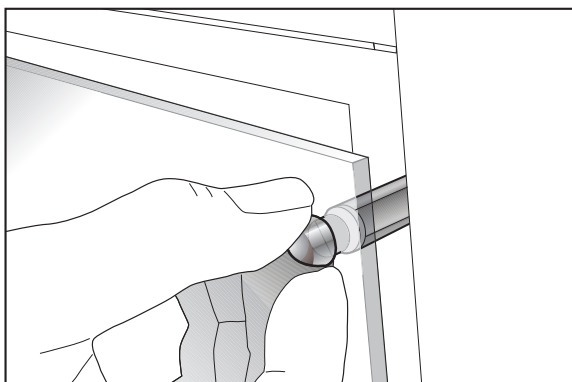


Figure (1) Remove decorative fasteners from four corners of shield glass panel.

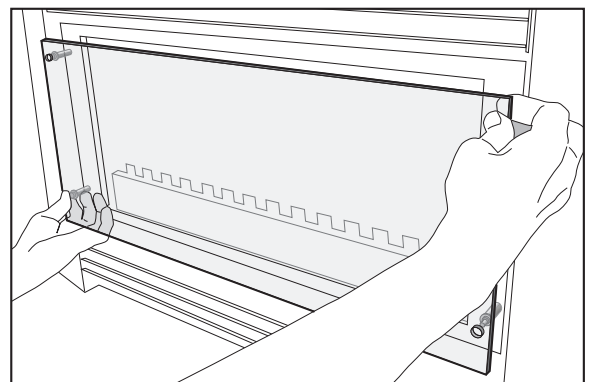


Figure (2) Remove shield glass panel.

## PYROTECH INBUILT MODEL

### Pyrotech Inbuilt Installation Procedure (continued)

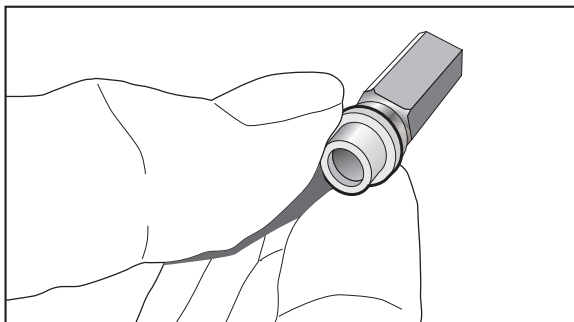


Figure (3) Remove nylon grommets and put aside carefully.

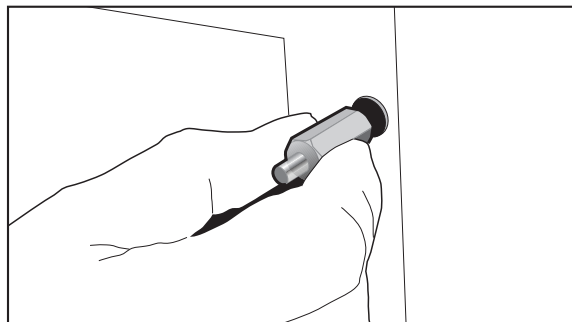
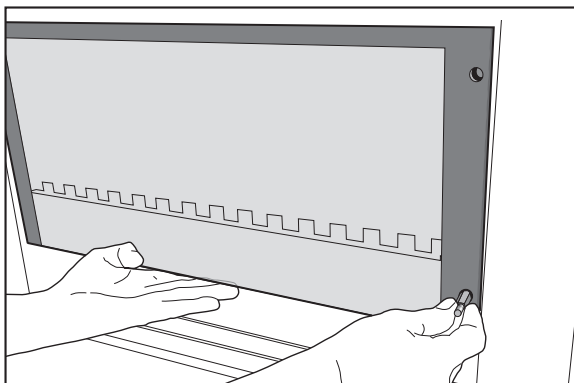


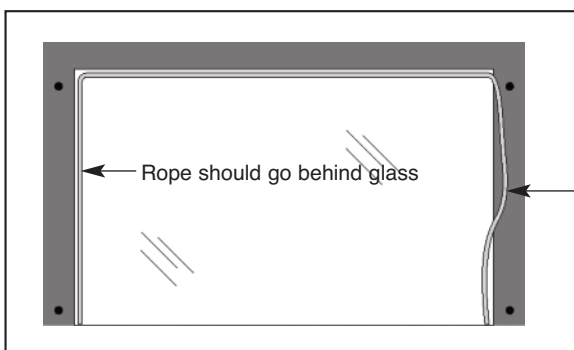
Figure (4) Remove three spacer bolts, and loosen bolt in bottom right corner.



**NOTE: Keep coals or pebbles clear of burner rail.**

Figure (5) Support front glass as shown, and remove fourth spacer bolt. Remove front glass.

Re-installation of glass panels is reverse of above. **N.B: ensure that the roped edge of the glass is fitted to the top.**



Note: When replacing the glass door make sure the rope is under the glass and has not rolled into the channel behind the bolt holes.

Do not allow rope to roll into channel

## PYROTECH INBUILT MODEL

### Pyrotech 2012 & Deluxe media set up

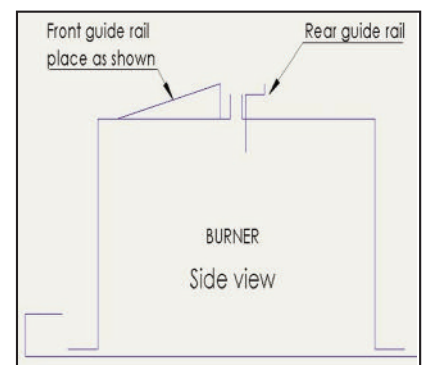
Ensure blanket media is sitting flat. (Push down where required.)



Fit back media guide rail. Push down between burner rail and blanket media. Until level with the top of the burner slot.



Fit front media guide rails. Push down slightly between burner rail and blanket media (in front of burner slot). The rail sits in a triangular shape. Ensure there's air gap between the blanket and the rail.





## PYROTECH INBUILT MODEL

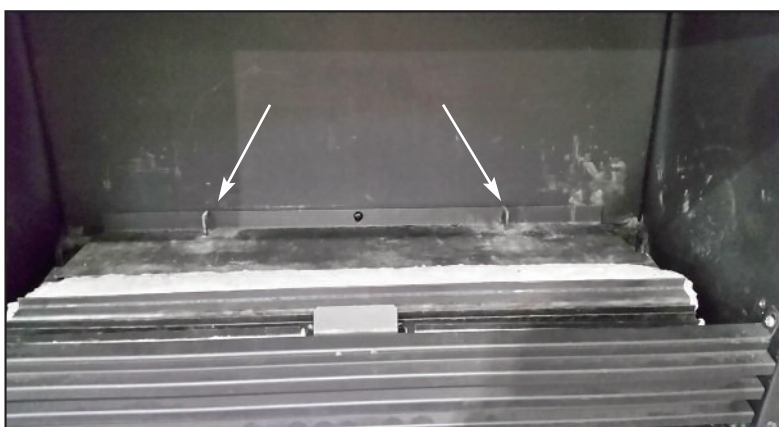
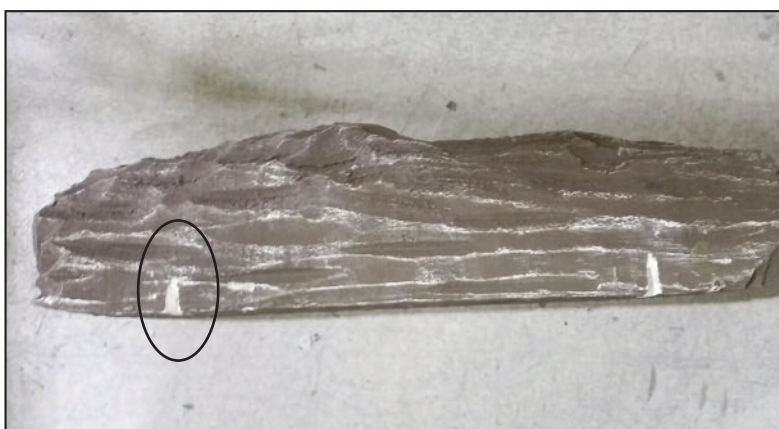
### Pyrotech 2012 & Deluxe media set up

Rails should sit as follows.



Sit back log centrally and push onto support stays to mark the underneath.

Remove log and using a sharp knife or saw cut 2 slots slightly bigger than the marks to enable the rear log to sit flush onto the rear support panel.



## PYROTECH INBUILT MODEL

### Pyrotech 2012 & Deluxe media set up

Sit rear log and push firmly back and down. Ensure back log sits fully back and flat on base.



Fit 4 coals on each side between front rail and front guide channel. Coals to stand up and not protrude over the burner channel.



Fit small Y log, behind rear burner guide rail. Top of Y to locate in the cutout in rear log.



## PYROTECH INBUILT MODEL

### Pyrotech 2012 & Deluxe media set up

Fit large Y log, behind rear burner guide rail. Y to locate in the cutout in rear log.



Fit 1 coal behind rear guide rail on RHS of Y log.



Fit 5 coals behind rear guide rail, between the Y logs.





## PYROTECH INBUILT MODEL

### Pyrotech 2012 & Deluxe media set up

Stack 3 coals on top of rear coals as shown.



Place short log between coals, push to locate fully back against rear log.



**IMPORTANT: NO MEDIA IS TO BE PLACED OVER THE BURNER CHANNEL.**

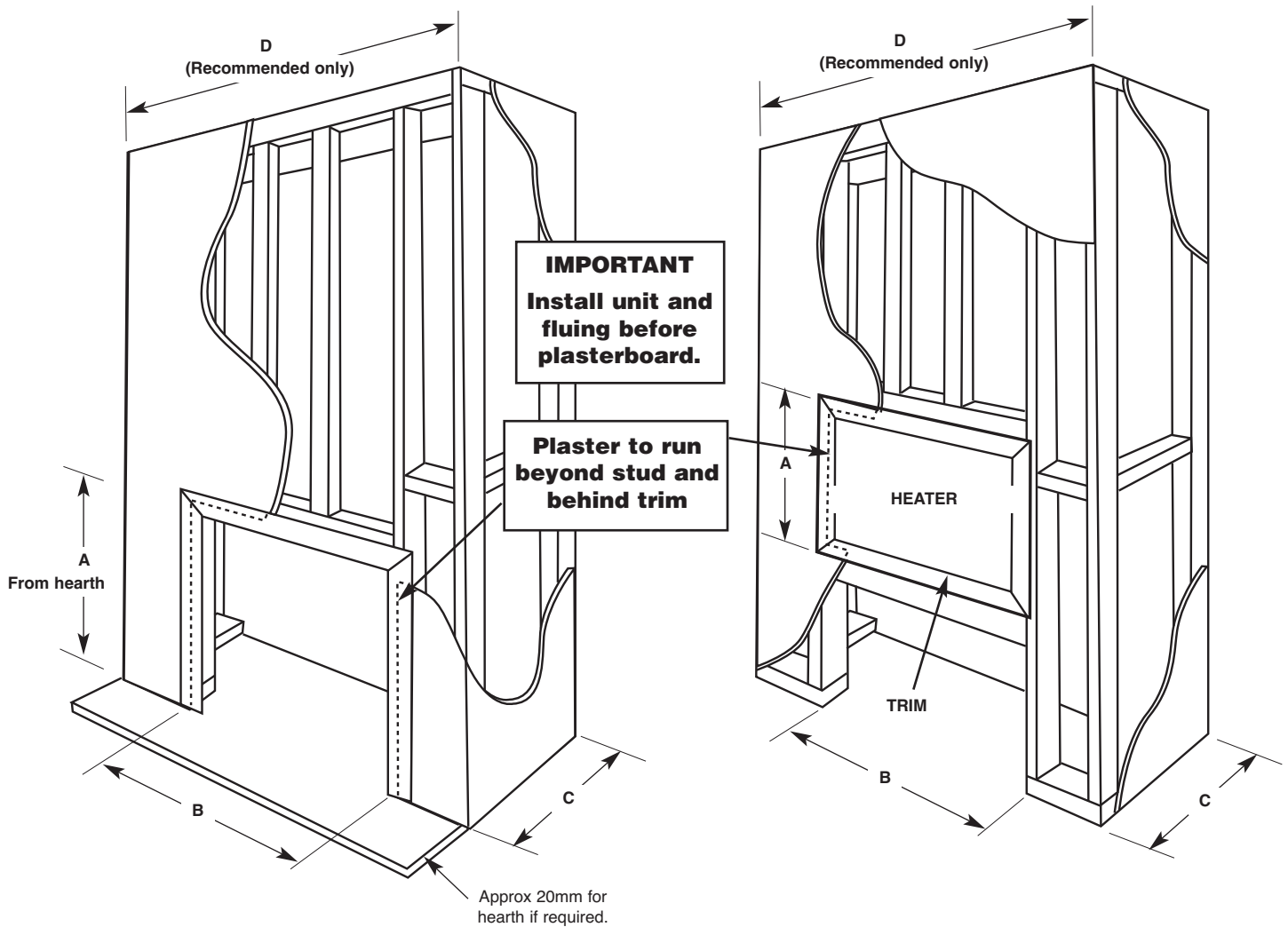
## PYROTECH INBUILT MODEL

### Pyrotech Inbuilt Installation Procedure (continued)

- TICK BOXES
- ☐ Replace the glass front to its original position.
  - ☐ Fit the trim to the front of the heater.
  - ☐ Light the unit following the procedure on page 22-24.
  - ☐ Install the 150mm AGA approved gas cowl where using the chimney to vent the fumes.
  - ☐ Test the unit for safe operation and show customer correct operating procedures.
  - ☐ Test for spillage.
  - ☐ Perform pressure test.

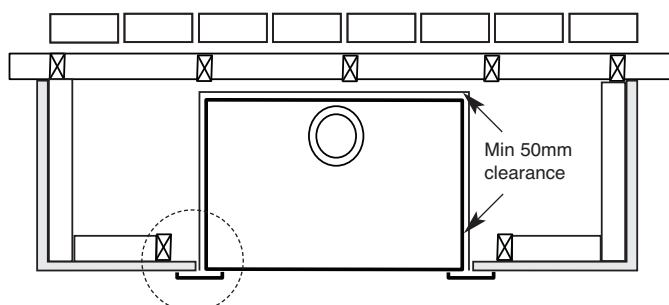
# PYROTECH ZERO CLEARANCE MODEL

## Pyrotech Zero Clearance Timber Frame Installation



**NOTE:** Note: If fire is to be installed off the floor with 4 sided trim, use same A, B, C and D dimensions as shown with frame work included below fire to required height.

| A   | B   | C   | D    |
|-----|-----|-----|------|
| 750 | 775 | 450 | 1800 |



### NOTE

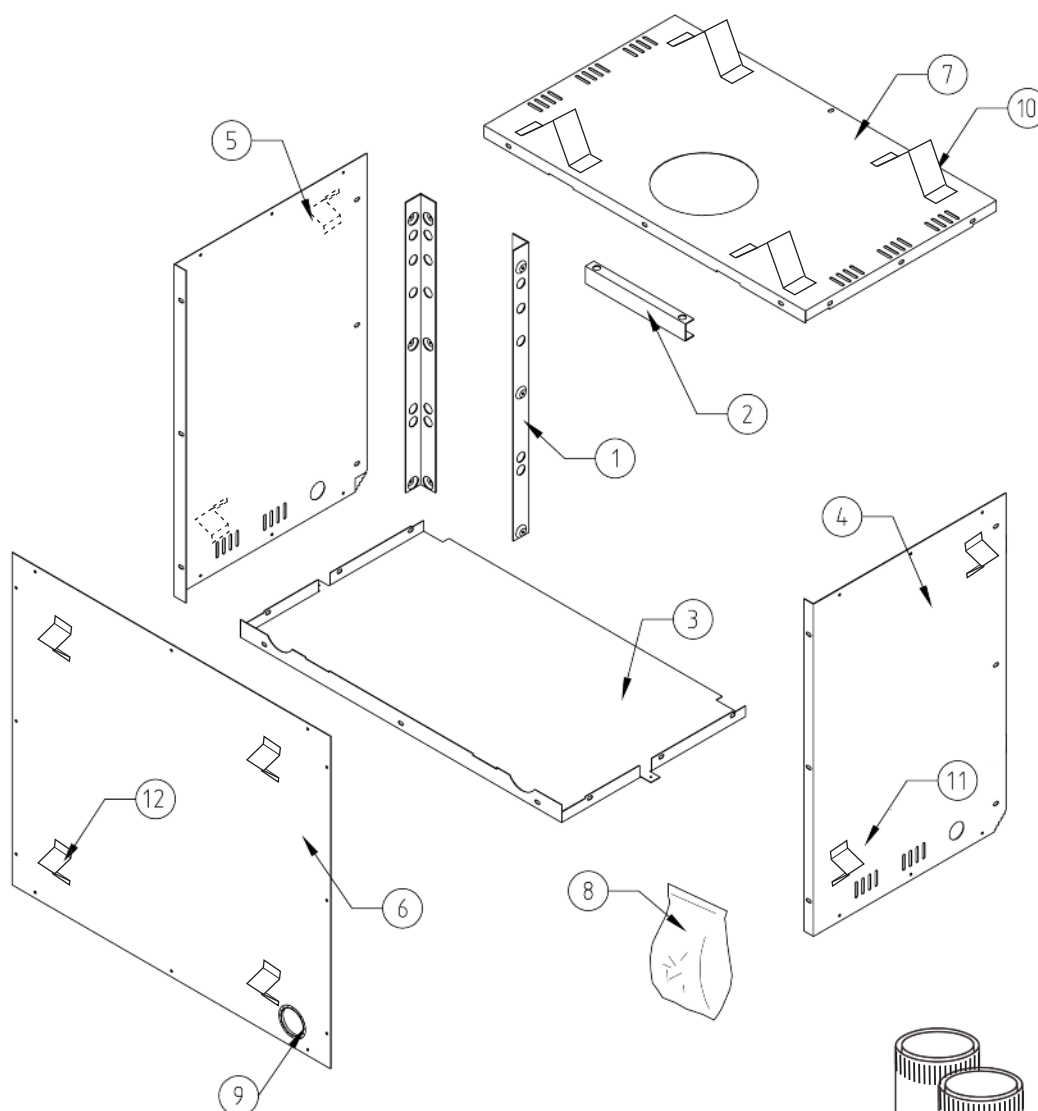
Plasterboard to run beyond stud as shown, and to go behind fixing flange on unit.

### CLEARANCES FROM COMBUSTIBLES

|            |        |
|------------|--------|
| Floor      | 0 mm   |
| Sides      | 50 mm  |
| Top        | 100 mm |
| Flue Outer | 50 mm  |

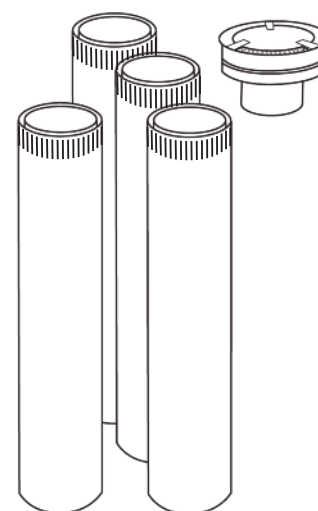
## PYROTECH ZERO CLEARANCE MODEL

1. Position the Pyrotech firebox in the selected installation position in the room.
2. You will require the Zero Clearance Kit to suit, which is to be fitted to the main fire box as shown on page 11.



### ZERO CLEARANCE KIT COMPONENTS

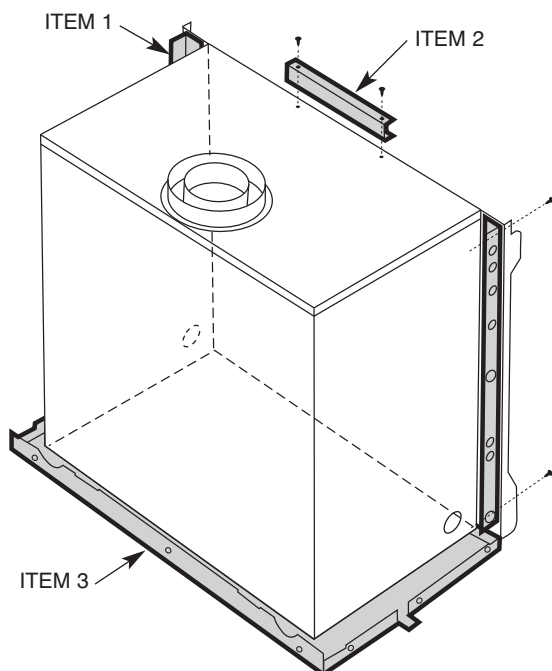
| No. | Description  | Qty |
|-----|--|-----|
| 1   | Panel – Side Strip                                   | 2   |
| 2   | Panel – Top Strip                                    | 1   |
| 3   | Panel – Base   | 1   |
| 4   | Panel – Side L/H                                     | 1   |
| 5   | Panel – Side R/H                                     | 1   |
| 6   | Panel – Rear (with cord protector around large hole) | 1   |
| 7   | Panel – Top  | 1   |
| 8   | Plastic Bag (Containing screws 35 off)               | 1   |
| 9   | Cord Protector in place (154mm long)                 | 1   |
| 10  | 100mm Stand Off                                      | 4   |
| 11  | 50mm Stand Off (2 x RH + 2 x LH)                     | 4   |
| 12  | 25mm Stand Off                                       | 4   |



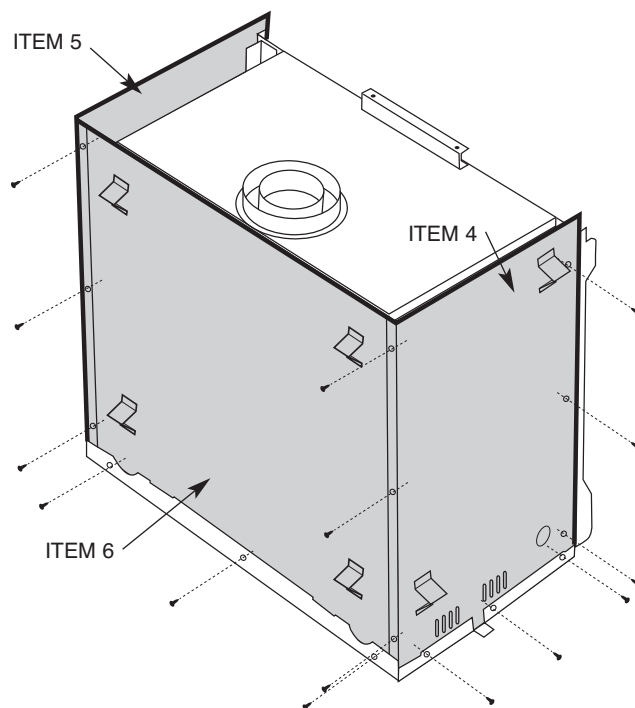
### FLUE KIT

## PYROTECH ZERO CLEARANCE MODEL

Fit Zero Clearance Kit to unit as shown below:

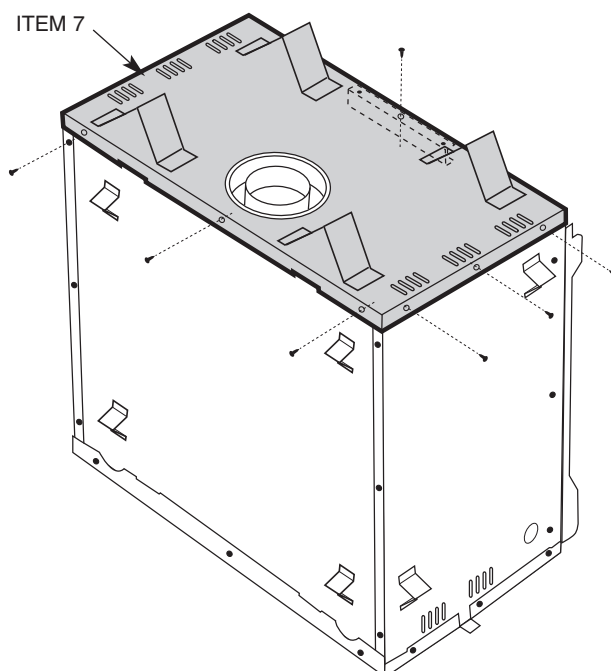


- 1.** Secure side strips (Item 1) to side brackets on fire box using screws (2 off per side strip). Remove 2 top screws in fire box and place top strip (Item 2) into position and secure using 2 screws.  
Place base panel (Item 3) under fire box.



- 2.** Place LH side panel (Item 4) in behind lip of base panel. Secure side panel to side strip and base panel in 6 places. Repeat for RH side panel (Item 5). Place rear panel (Item 6) in behind folds on side panels and base panel. Secure rear panel using screws 9 off.

- 3.** Place top panel (Item 7) onto assembly. Ensure all other panels sit behind folds on top panel. Secure top panel 9 places around edge and 1 screw on the top in the centre passing through hole in top strip as shown.

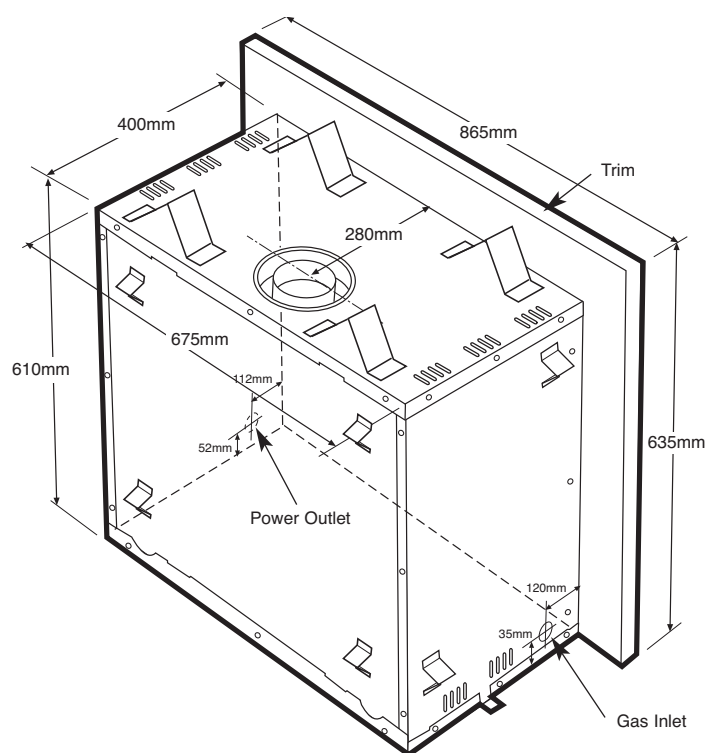




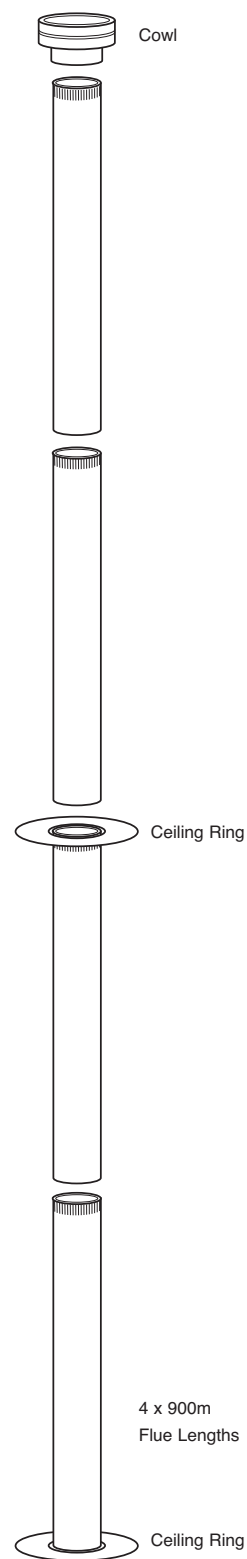
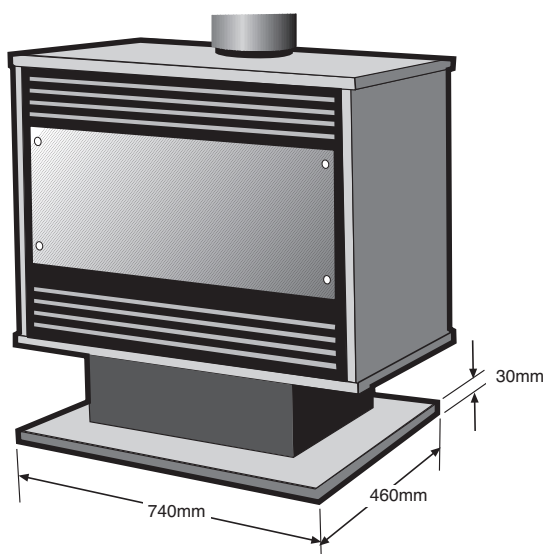
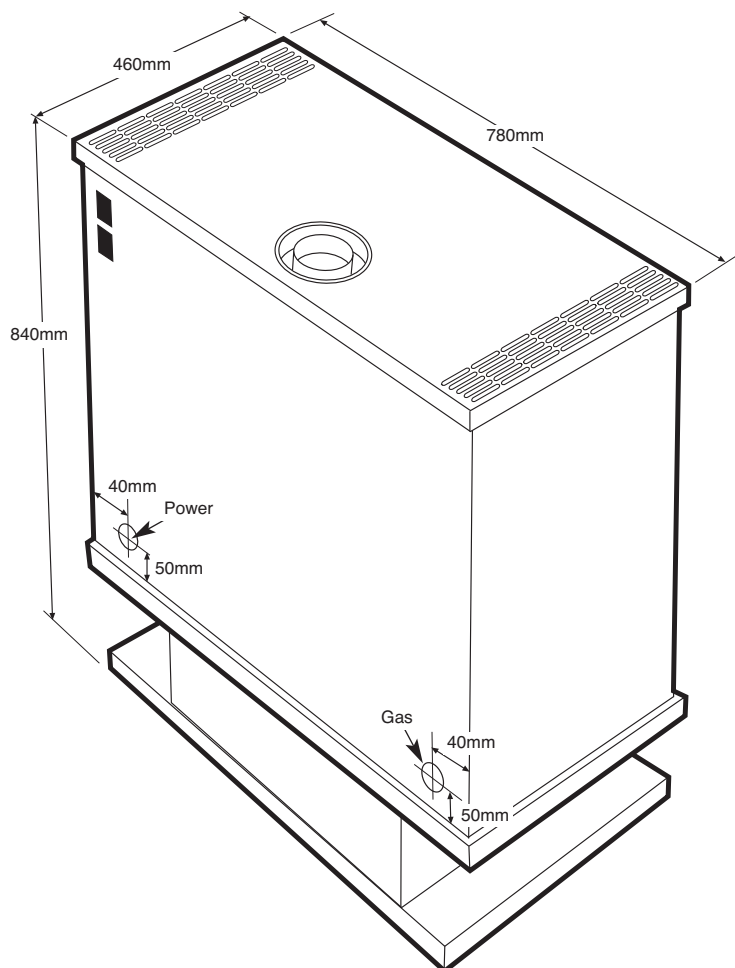
# PYROTECH ZERO CLEARANCE MODEL

## Pyrotech Zero Clearance Installation Procedure

- TICK BOXES
- ☐ Connect to gas supply.
  - ☐ Connect to power supply
  - ☐ Install flue to 500mm minimum above roof line. (Min total flue run 3.6 m)
  - ☐ Plaster to unit with trim removed.
  - ☐ Install trim.
  - ☐ Assemble unit as per page 10-11.
  - ☐ Test the unit for safe operation and show customer correct operating procedures.



## PYROTECH FREESTANDING MODEL

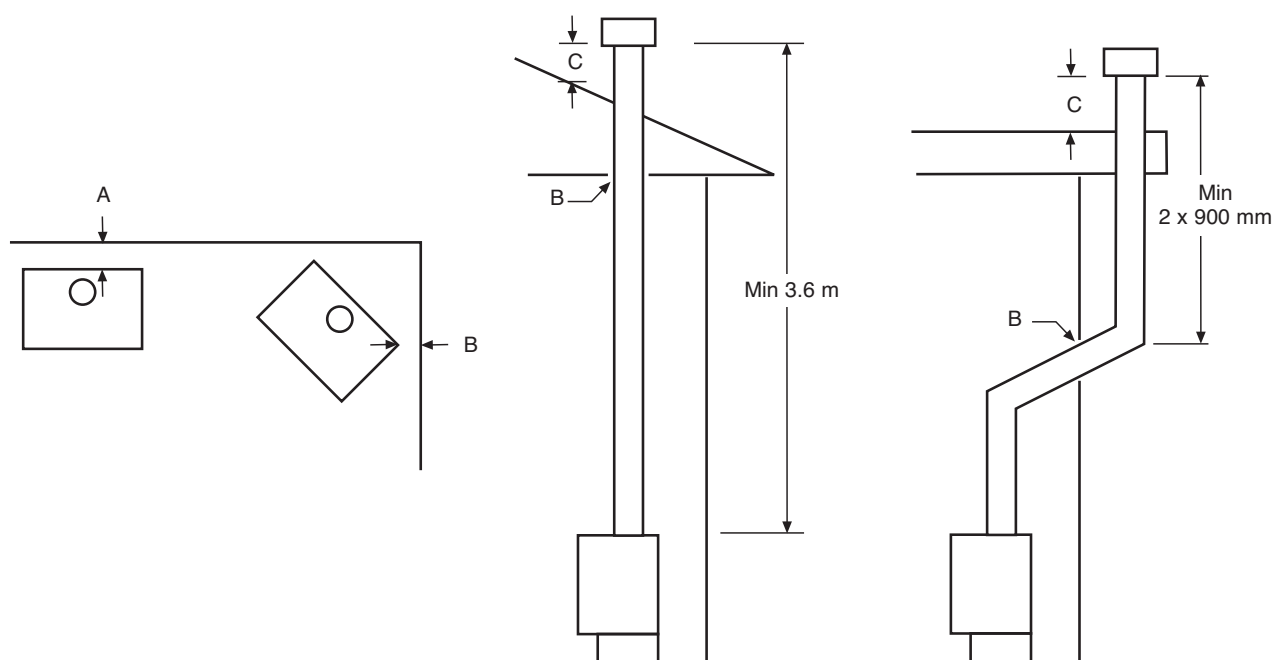


### STANDARD FLUE KIT

# PYROTECH FREESTANDING MODEL

## Pyrotech Freestanding Installation Procedure

- TICK BOXES
- ☐ Position unit maintaining correct clearances from combustibles.
  - ☐ Connect to adequate gas supply.
  - ☐ Connect to adequate power supply.
  - ☐ Install flue kit maintaining minimum 25mm clearances from outer flue to combustibles.
  - ☐ Assemble as per pages 6 - 8.
  - ☐ Ensure clearances noted below are maintained.



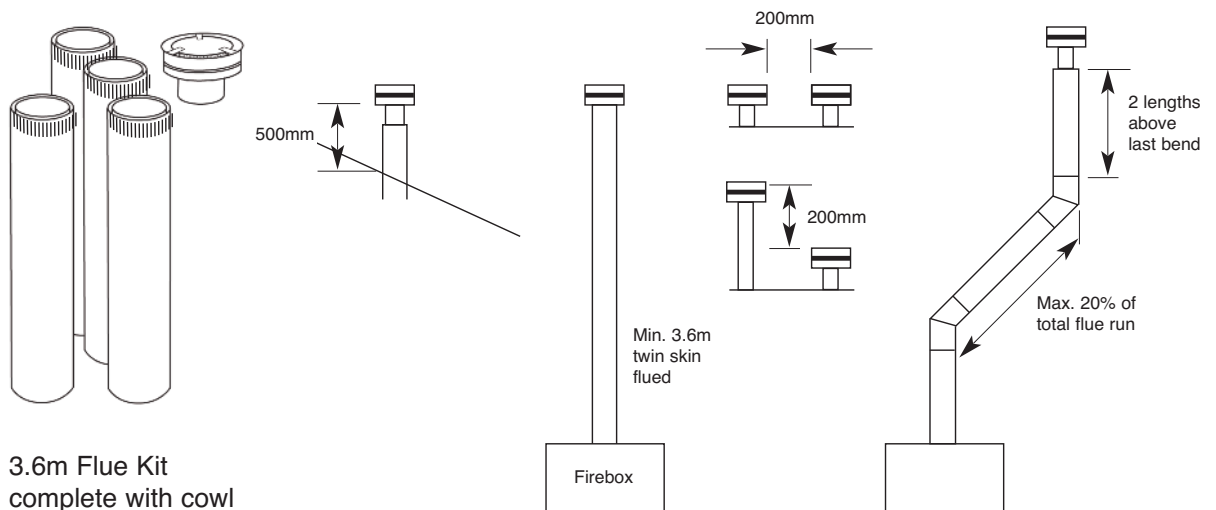
### MINIMUM CLEARANCES FROM COMBUSTIBLES

|   |        |
|---|--------|
| A | 50 mm  |
| B | 50 mm  |
| C | 500 mm |

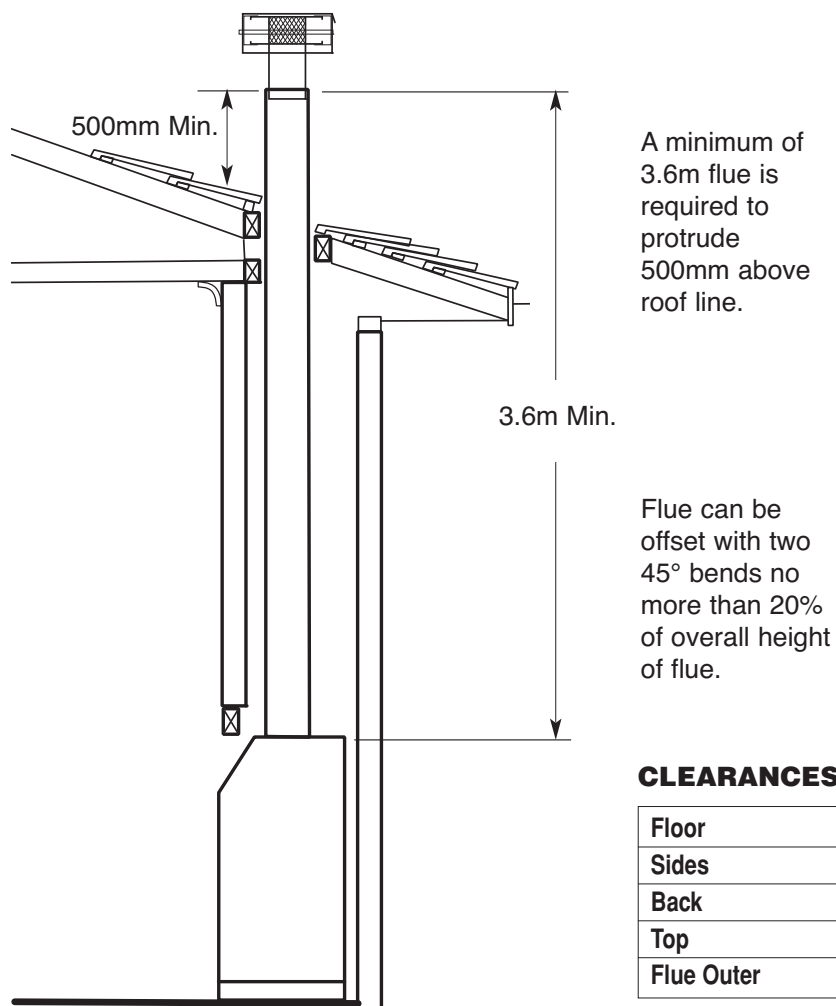
## FLUE REQUIREMENTS

### Natural Draught

The standard natural draught flue kit consists of 4 x 900mm lengths of twin skin flue (refer to page 6 for correct sizing) and an AGA approved cowl.



These notes must be read in conjunction with AGA code 601.

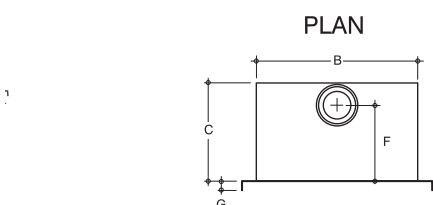


### CLEARANCES

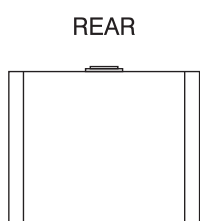
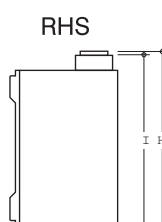
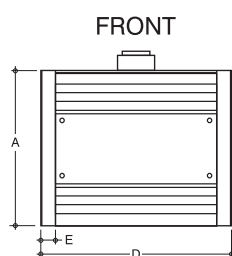
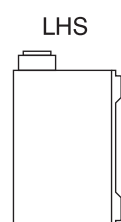
|            |        |
|------------|--------|
| Floor      | 0 mm   |
| Sides      | 25 mm  |
| Back       | 25 mm  |
| Top        | 100 mm |
| Flue Outer | 25 mm  |

# DIMENSIONS

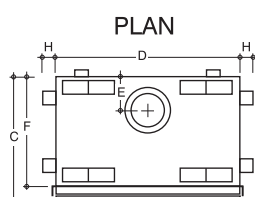
## Pyrotech Inbuilt



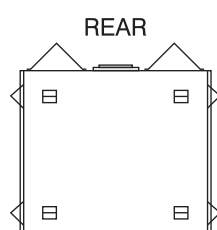
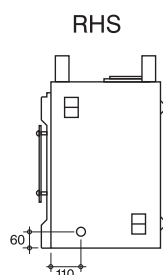
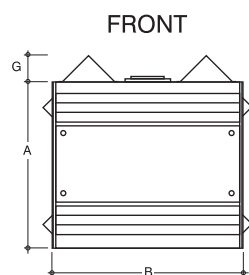
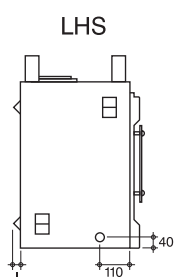
| A   | B   | C   | D   | E  | F   | G  | H   | I   |
|-----|-----|-----|-----|----|-----|----|-----|-----|
| 570 | 605 | 360 | 700 | 54 | 275 | 35 | 615 | 598 |



## Pyrotech ZC

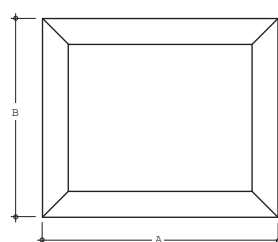


| A   | B   | C   | D   | E   | F   | G  | H  | I  |
|-----|-----|-----|-----|-----|-----|----|----|----|
| 610 | 700 | 464 | 675 | 125 | 402 | 95 | 45 | 25 |

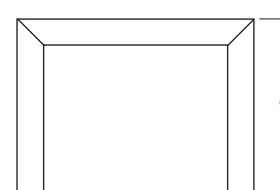


## Trim

FRONT - 4 SIDED



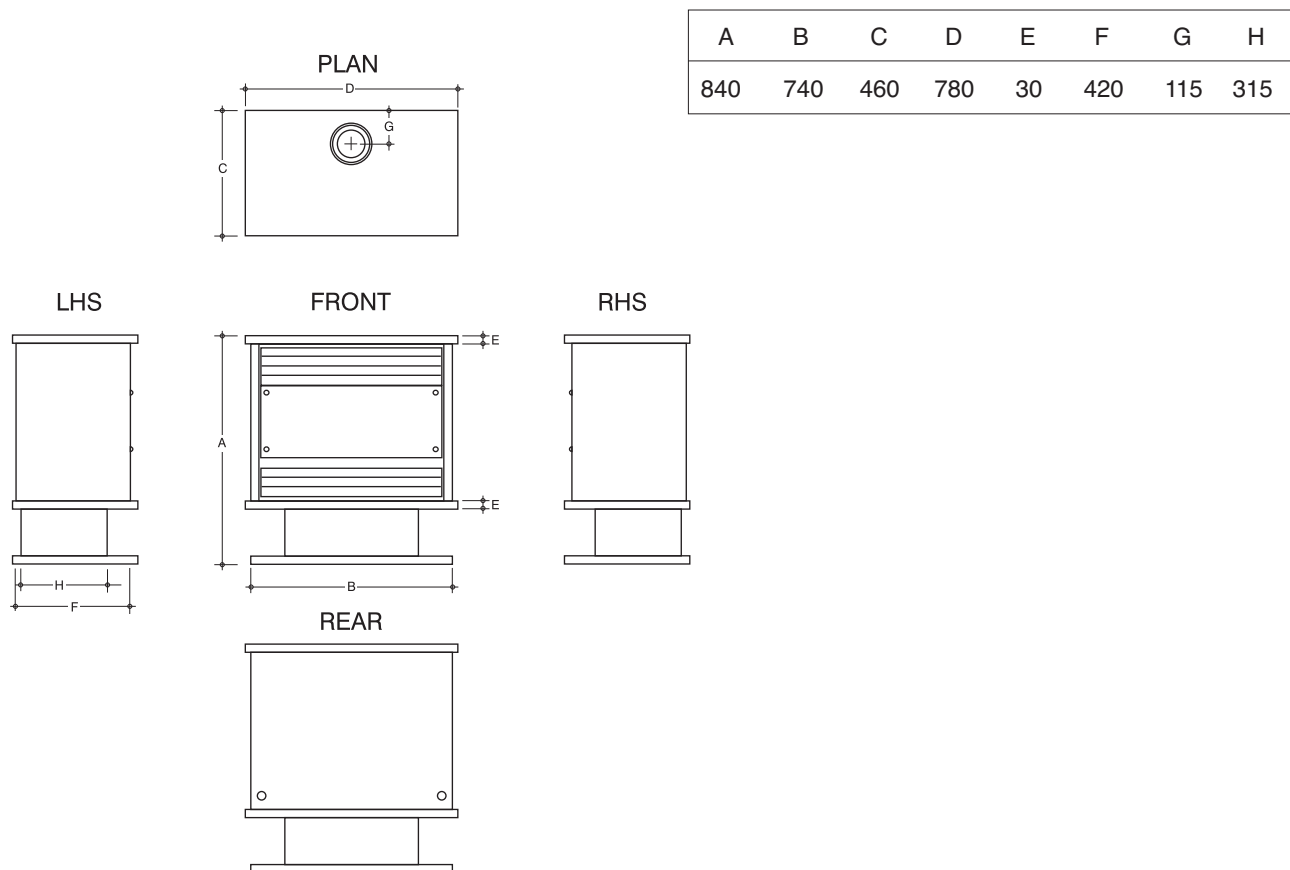
FRONT - 3 SIDED



| A   | B   | C   |
|-----|-----|-----|
| 865 | 730 | 635 |

## DIMENSIONS

### Pyrotech Freestanding



## TESTS TO BE CARRIED OUT BY INSTALLER

- Check unit for gas leaks.
- Ensure that both high and low pressures are set as per the appliance data plate. Refer Page 23 for adjustment and Test pressure points
- Turn the unit on to ensure it operates correctly.
- Instruct the customer on the use of the remote control . Refer to remote control operating guide.

## SERVICING AND MAINTENANCE

■ To follow when servicing, removing fan or changing valve or control modules.

**IMPORTANT: POWER MUST BE ISOLATED PRIOR TO CARRYING OUT THE SERVICE/MAINTENANCE.**

**SERVICE/MAINTENANCE ONLY TO BE CARRIED OUT BY AN AUTHORISED PERSON.**

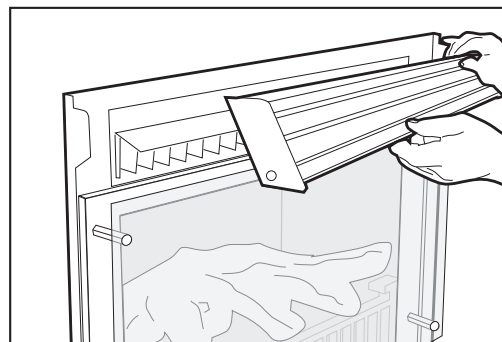


Figure (1) Remove top louvre panel. The top panel is held by a screw each side.

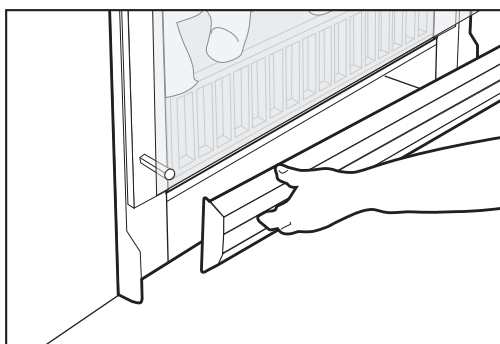


Figure (2) Remove bottom panel by opening door and pulling back location pin.

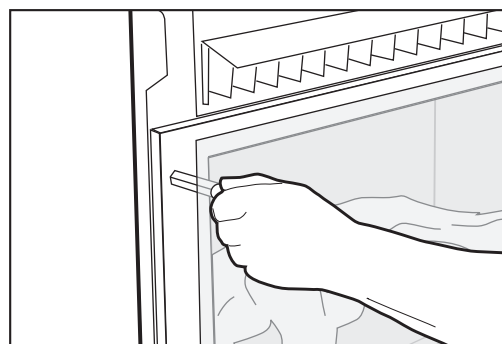


Figure (3) Remove front safety glass by firstly removing four dome nuts.

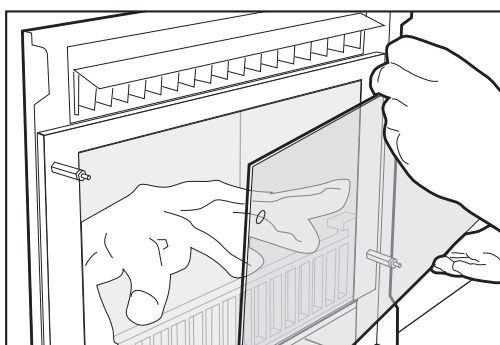


Figure (4) Remove glass from its location, be sure to avoid breakage or damage to the glass when removing.

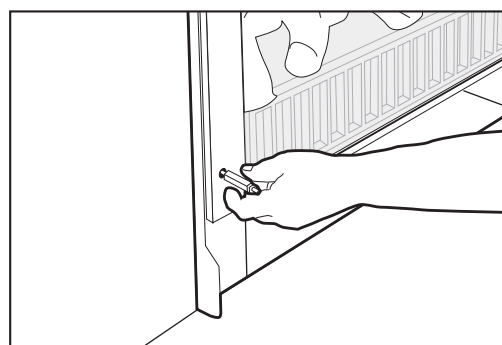


Figure (5) Remove four door studs used to secure the door.

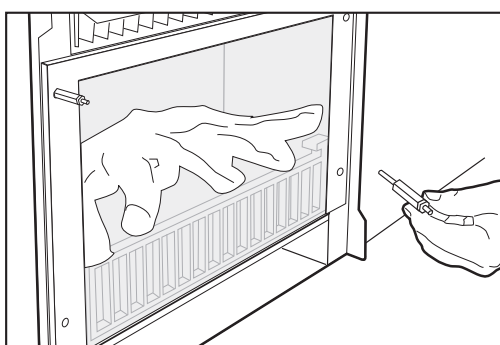


Figure (6)

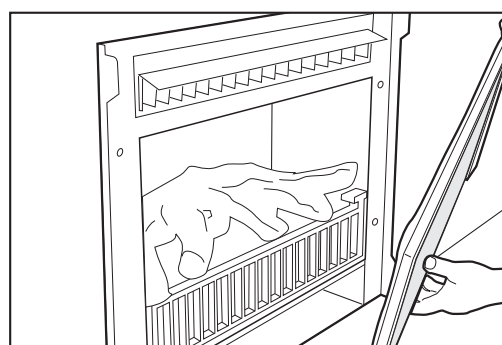


Figure (7) Remove door carefully to prevent damage or breaking of glass.

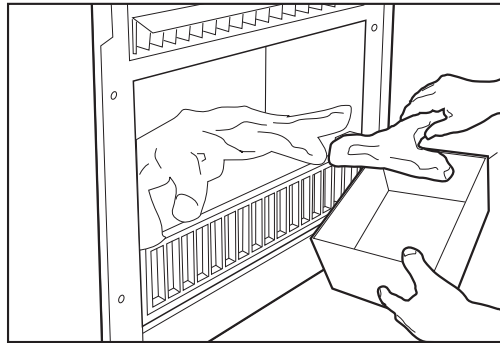


Figure (8) Remove coals/logs or pebbles and securely store to prevent damage.

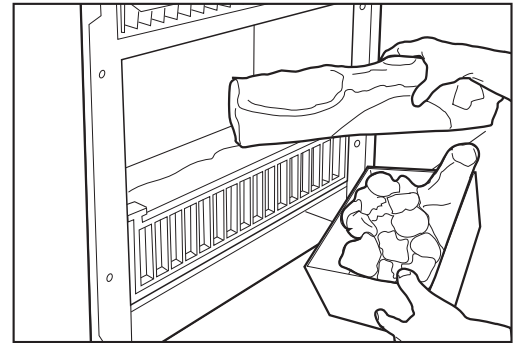


Figure (9)

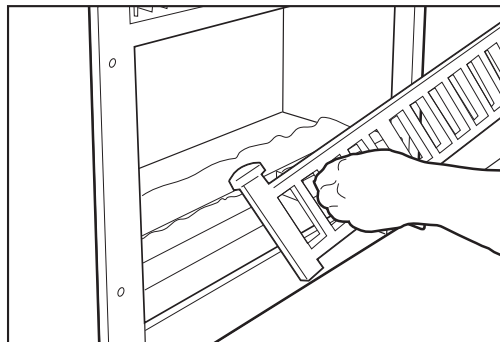


Figure (10) Remove front iron from burner.

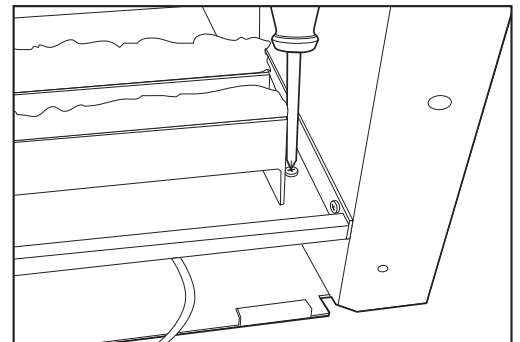


Figure (11) Remove burner holding screws on each side of burner.

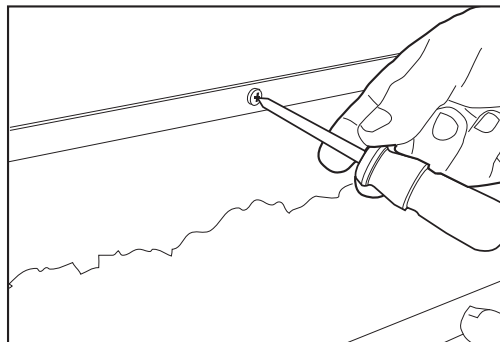


Figure (12) Remove log positioning panel screw at rear of firebox.

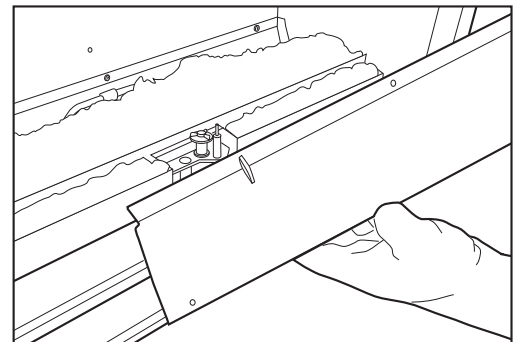


Figure (13) Remove log positioning panel.

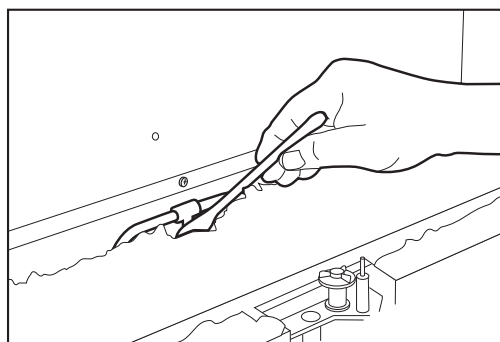


Figure (14) Undo burner tube nut using 15mm spanner.

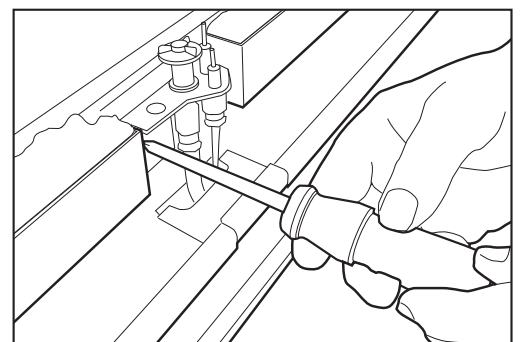


Figure (15) Remove the two pilot screws to disconnect pilot.



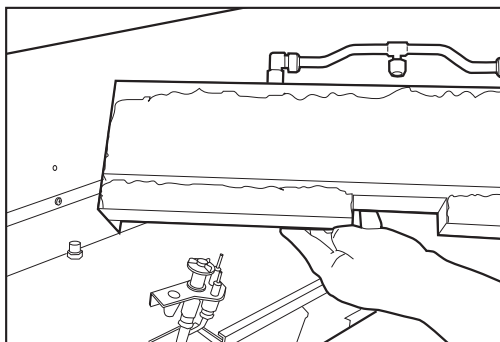


Figure (16) Remove burner from firebox

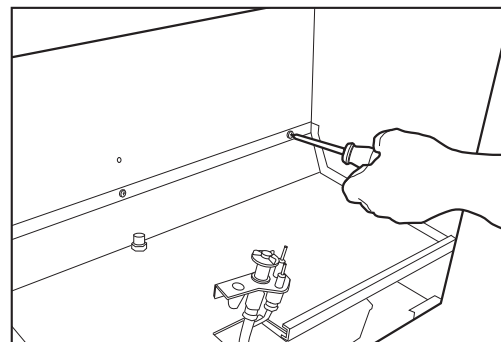


Figure (17) Remove the nine screws securing the base to the firebox from the back of the base...

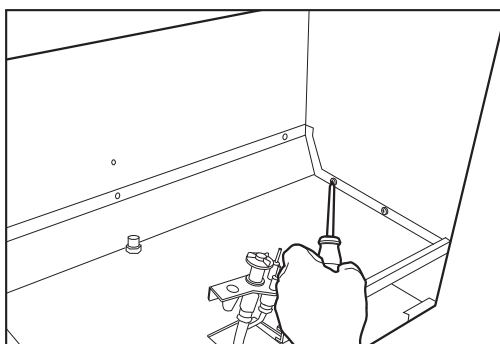


Figure (18) ...and the sides of the base.

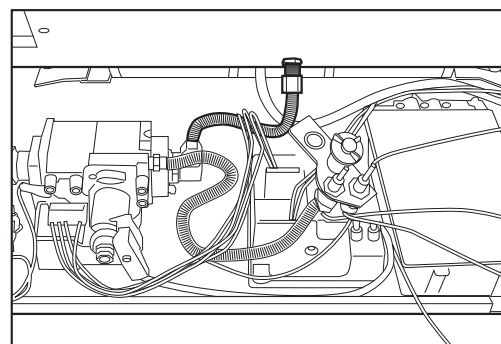


Figure (19) Lift the base plate to expose the flexi burner tube.

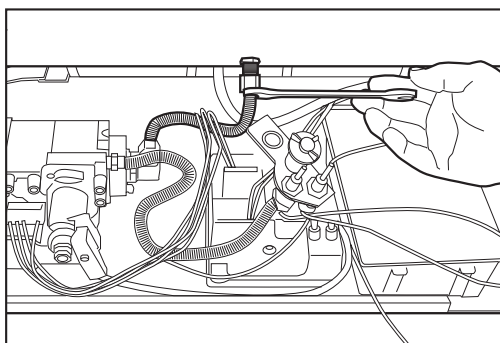


Figure (20) Undo the flexi tube from the bulk head.

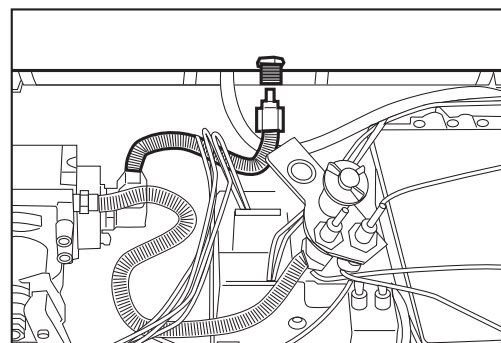


Figure (21) When the flexi tube has been unscrewed...

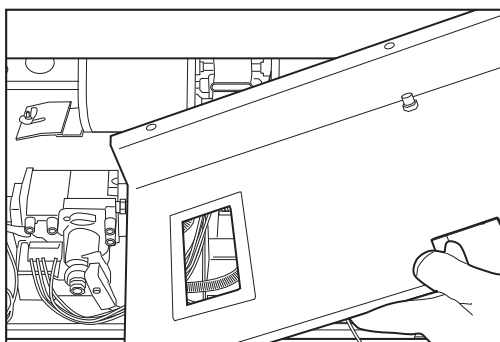


Figure (22) ...remove the base plate from the firebox.

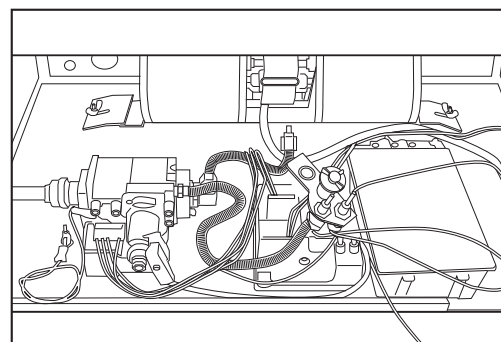


Figure (23) Once the base plate has been removed, all controls are exposed for servicing.

## Removal of Fan

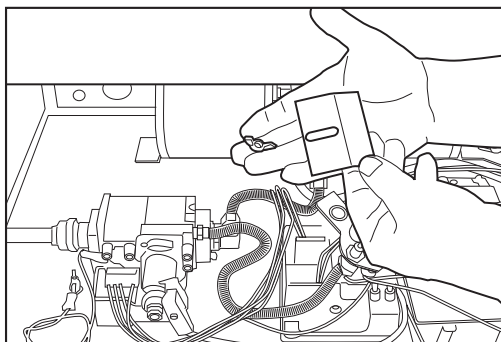


Figure (1) Remove the wing nuts from each side of fan and remove holding plates.

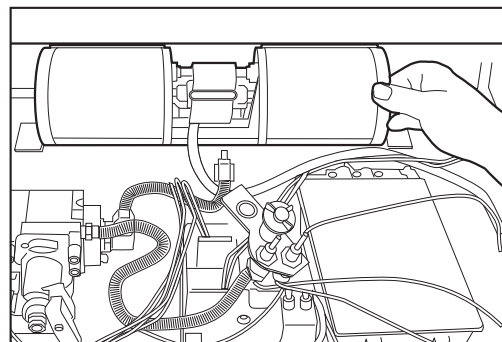


Figure (2) Tilt fan back and slide out.

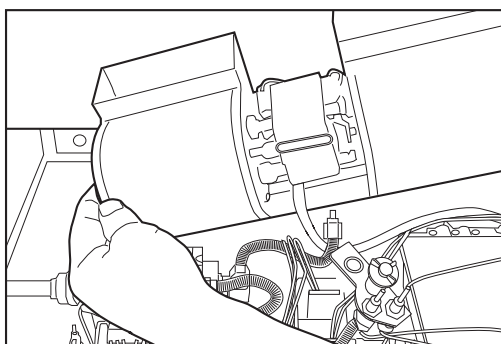


Figure (3) Lift fan out...

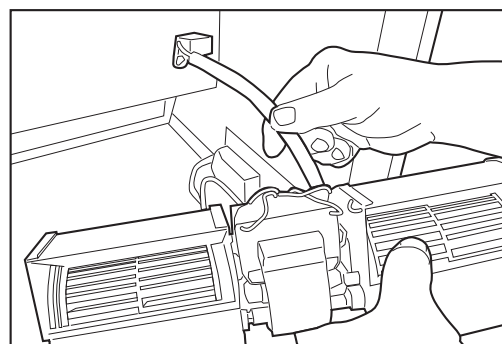


Figure (4) ...and disconnect power plug to remove fan.

## Removal of Control Module

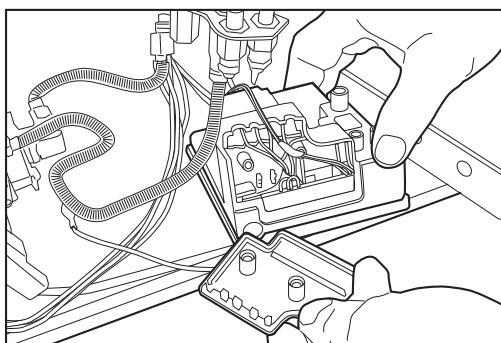


Figure (1) Remove cover plate from module

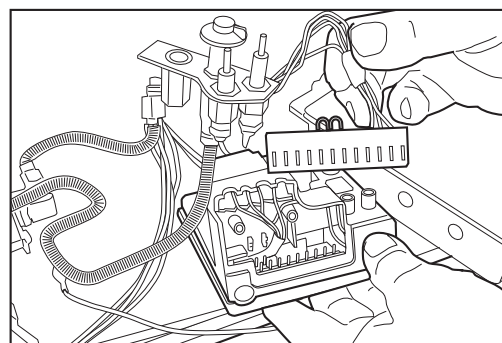


Figure (2) Remove wiring from module

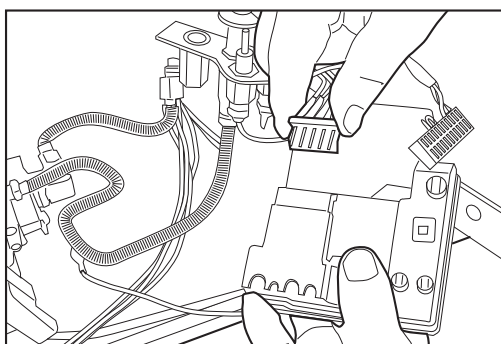


Figure (3) Remove wiring from rear of module.

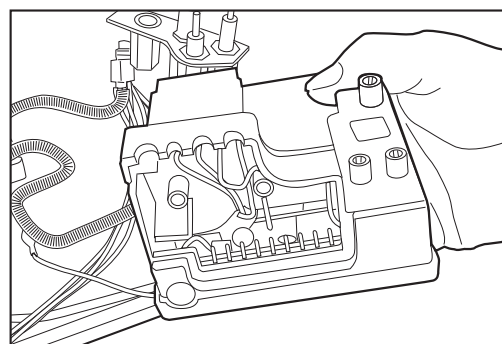


Figure (4) Module can now be removed.  
Note: The control module is held down by double-sided tape and should be gently forced upwards to release.

## Removal of Control Valve

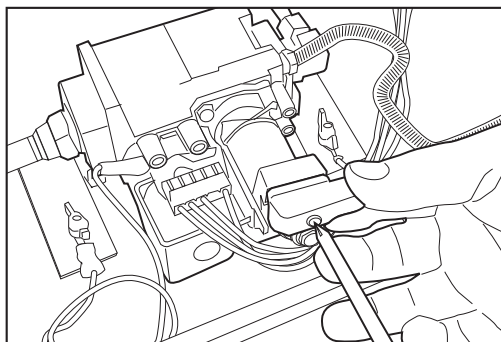


Figure (1) Remove valve modulating lead from control valve.

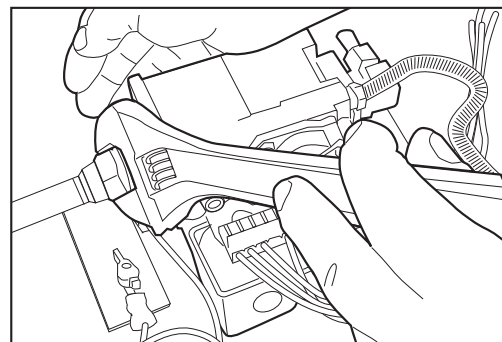


Figure (2) Disconnect gas from control valve.

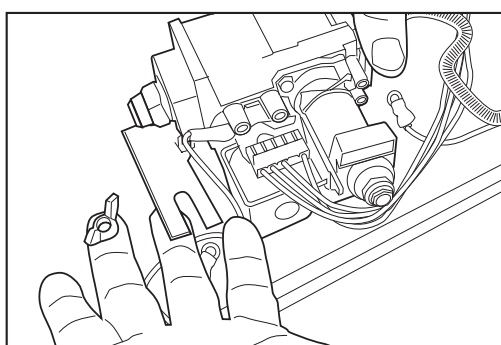


Figure (3) Remove wing nuts from each of the control valve holding brackets and remove valve.

## Removal of Millennium Control Module

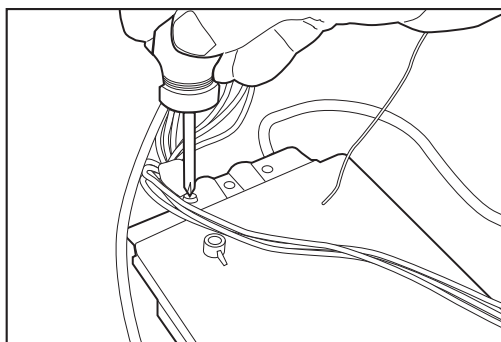


Figure (1) Remove 3 screws from top of module.

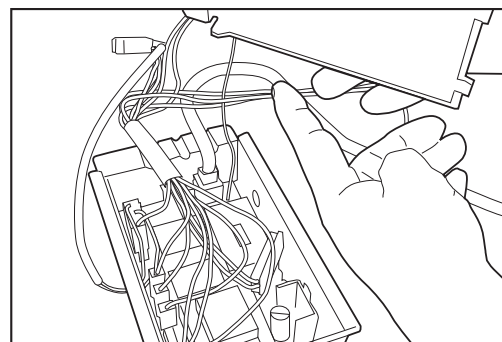


Figure (2) Remove cover from module.  
NOTE: This module is held in position with double-sided tape and should be gently forced upwards to release.

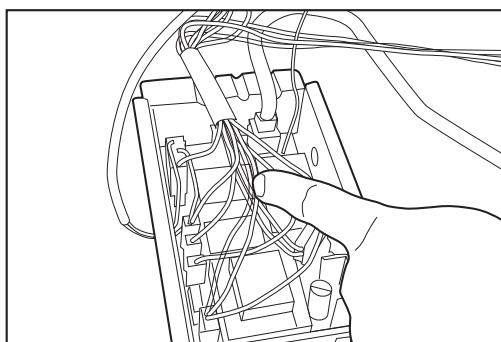
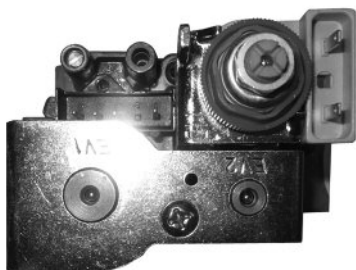


Figure (3) Remove wiring from the modular box (When replacing wiring refer to owner's manual for correct wiring.)

- After carrying out service or replacing parts, reverse the above processes to reinstate the components.
- Prior to lighting ensure there are no gas leaks.

## PARTS LIST



Gas Control Valve



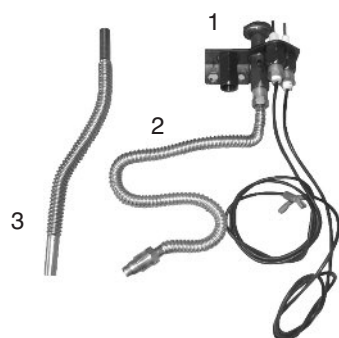
Module Box



Remote Control Module

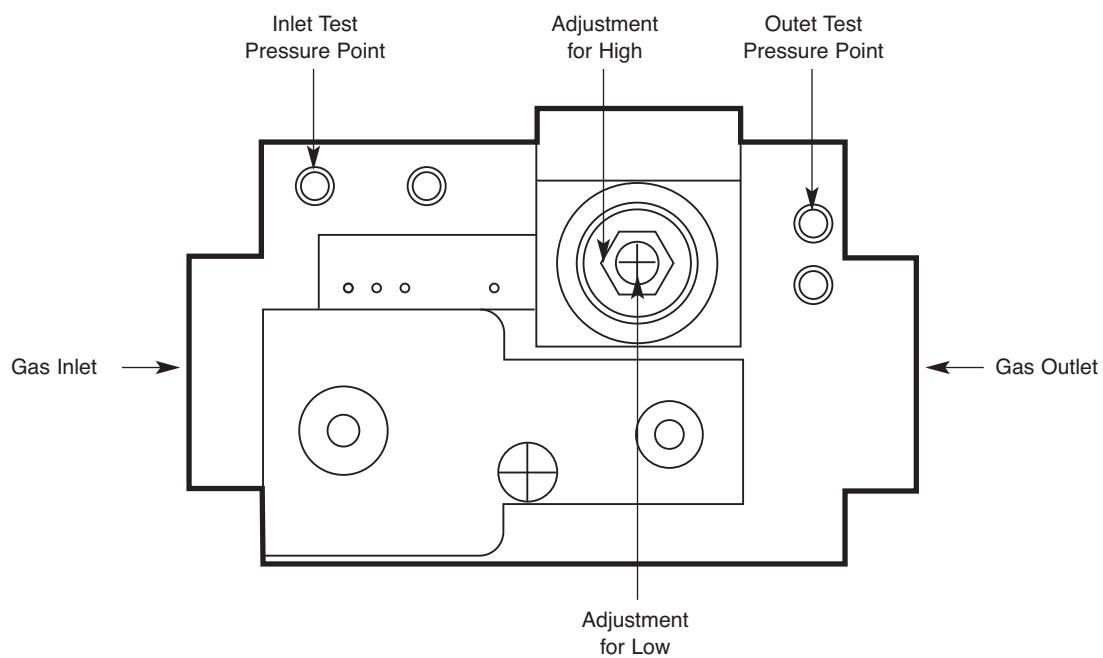


Remote Control



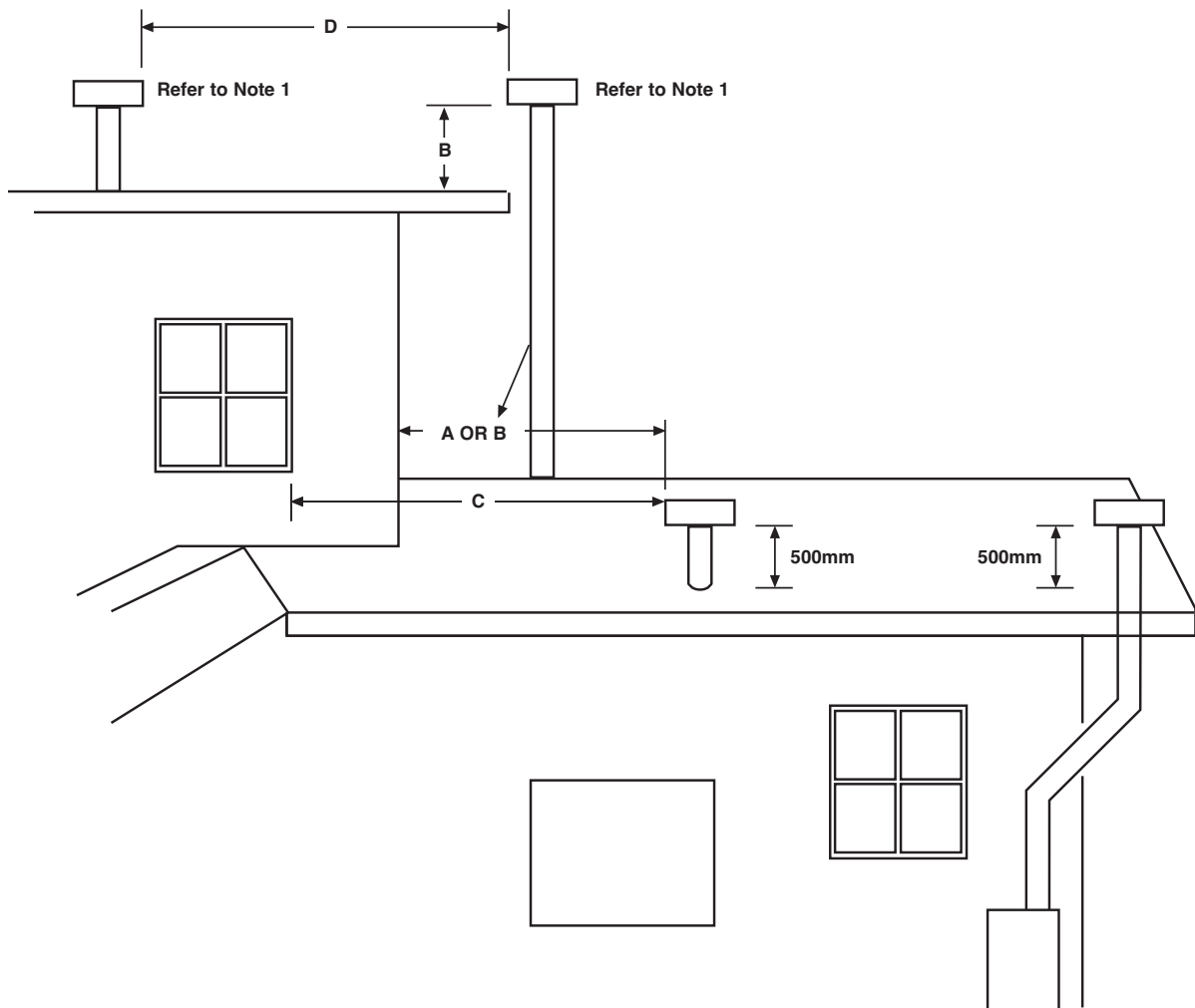
- 1. Pilot
- 2. Pilot Tube
- 3. Burner Tube

## GAS CONTROL ASSEMBLY



# PYROTECH FLUE TERMINATION (COWLS) REGULATIONS

## Natural Draft



### AREA

### CLEARANCE REQUIRED

- A:** Horizontally from a neighboring structure. ....1000mm
- B:** If less than a meter horizontally from a neighboring structure then terminates above that structure by.....500mm
- C:** From any opening into a building. ....1500mm
- D:** From another flue terminal.....200mm

### Notes:

1. A trafficable roof designed for personal or public use, the end of the flue shall be at least 2 meters above the roof level. This dimension is to be increased where necessary so that the minimum distance of 500mm is maintained above any surrounding parapet or at least 200mm from the nearest part of a chimney.
2. The current version of the AS5601 gas codes and any other relevant codes should be read in conjunction with the above guidelines to ensure a correct and safe installation.

## REMOTE CONTROL OPERATING GUIDE



The Pyrotech Deluxe is controlled completely by the use of the remote control; this remote can be used either as a manual operation or an auto operation.

- The remote thermostat uses radio frequency to transmit to the gas/fan controller.
- The remote thermostat has a LCD display
- The remote thermostat uses 2 off “AA” batteries which should last for 12 months. (Depending on quality of battery.) Batteries should be changed when smoke alarms are changed.
- The remote control and the controller are non-serviceable parts and if faulty should be returned to Real Flame Pty Ltd for replacement.

### Locating the remote

The remote houses the thermostat that controls the heat output of the fire. When storing the remote either on its wall bracket or by placing it somewhere in the room where the fire is located, ensure there are no other heat sources that will affect the thermostats ability to accurately read the room temperature. For example, by placing the remote in direct sunlight or under a cushion, the fire may turn down or off before the room reaches the set temperature.

### Factory Set Features

- When turned on the fire will always start on the low setting and remain on low for 3 minutes, it will then go to the high setting.
- The fan will automatically come on in the high mode after the fire has been operating for 3 minutes 20 seconds.
- When the fire shuts off on auto mode or is shut off in manual mode, the fan will continue to operate for 3 minutes in the “High” mode.
- The fire can be operated in either “Auto” mode or “Manual” mode.

## Quick Start Guide

### On/Off

Press and release the  button to turn the thermostat on and off.

### Setting the day of the week and time

With the thermostat off, press and hold the ‘T’ button for 2 seconds or longer to initiate programming the time. Time, the hour setting and AM/PM will flash.

#### *Setting the hour function*

Press and release the ▲ or ▼ button to increase or decrease the hour setting by 1 hour.  
Press ‘OK’ to accept.

#### *Setting the minute function*

Press and release, or press and hold the ▲ or ▼ button to increase or decrease the minute setting by 1 minute.  
Press ‘OK’ to accept.

#### *Setting the day of the week function*

Press and release the ▲ or ▼ button to change the day of the week to the following or previous day. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds.  
Press ‘OK’ to complete setting.



## REMOTE CONTROL OPERATING GUIDE (continued)

### Manual mode

Manual mode does not require that the time and day of the week are set.

Press the ▲ or ▼ button to increase or decrease the temperature desired.

### Automatic mode

The automatic mode allows the temperature to be regulated according to a programmed level and time.

#### *Manually overriding the set program*

At any time, the temperature may be adjusted up or down. However, whenever the thermostat changes to a new time period, the temperature will be set automatically according to that period's setting.

### Programming

Each day of the week can be programmed individually for 4 periods P1, P2, P3 and P4, making a total of 28 programmed periods.

Alternatively, a weekday program can be set, so the same program is used for Monday-Friday. Similarly, a weekend program can be set for Saturday-Sunday. The entire week can also have the same program.

Alternatively, a weekday or weekend program can be set with individual programs for the remaining days.

The suggested period settings for each day/s are:

- Period 1 - morning
- Period 2 - daytime
- Period 3 - evening
- Period 4 - night-time

#### *To begin programming*

With the thermostat off, press and hold the 'P' button for 2 seconds or longer to initiate programming. The LCD will display **PROG Pd** and the time at which the thermostat is currently set. **MO** will flash.

Period 1 can now be set.

- *Setting the day of the week*

You must choose which day/s of the week you wish to program.

Press and release the ▲ or ▼ button to change the day of the week to the following or previous day. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the day of the week by 1 day every 0.5 seconds.

The order that you can scroll through the days is as follows:

MO → TU → WE → TH → FR → MO TU WE TH FR → SA → SU → SU SA → MO TU WE TH  
FR SA SU

To accept the selected day/s of the week press 'OK'.



## REMOTE CONTROL OPERATING GUIDE (continued)

### Programming

- *Setting the period starting time*

The hour and AM/PM settings will now flash. To set the P1 starting time, press and release the ▲ or ▼ button to increase or decrease the hour setting. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the hour setting by 1 hour every 0.5 seconds.

Please ensure that AM/PM is set correctly.

Press 'OK' to accept.

The minute setting will now flash. Adjust the minute setting similarly, using ▲ or ▼ button

Press 'OK' to accept.

- *Setting the temperature*

The temperature setting will now flash. Press and release the ▲ or ▼ button to increase or decrease the temperature setting by 1 °C. Press and hold the ▲ or ▼ button for 2 seconds or longer to increase or decrease the temperature setting by 1°C every 0.5 seconds.

Press 'OK' to accept.

Period 1 is now set for the day/s of the week that you have chosen. The LCD will display **P2** to indicate that Period 2 can now be set for the same day/s of the week.

Repeat the programming process for periods 3 and 4.

After program 4 is set, press 'OK' and the program for the selected day/s will be set.

Repeat the programming process for any other periods/days that are required.

### Restore factory default settings

With the thermostat off, press the following sequence of buttons: 'P', 'T', 'T' ▼.

### Teaching RF thermostat ID code to control unit

**CAUTION: The thermostat has already been programmed with a unique code. Do not attempt to teach the RF Thermostat ID code unless instructed by the manufacturer.**

With the thermostat off, press the following sequence of buttons: 'P', 'T', 'T' ▲.

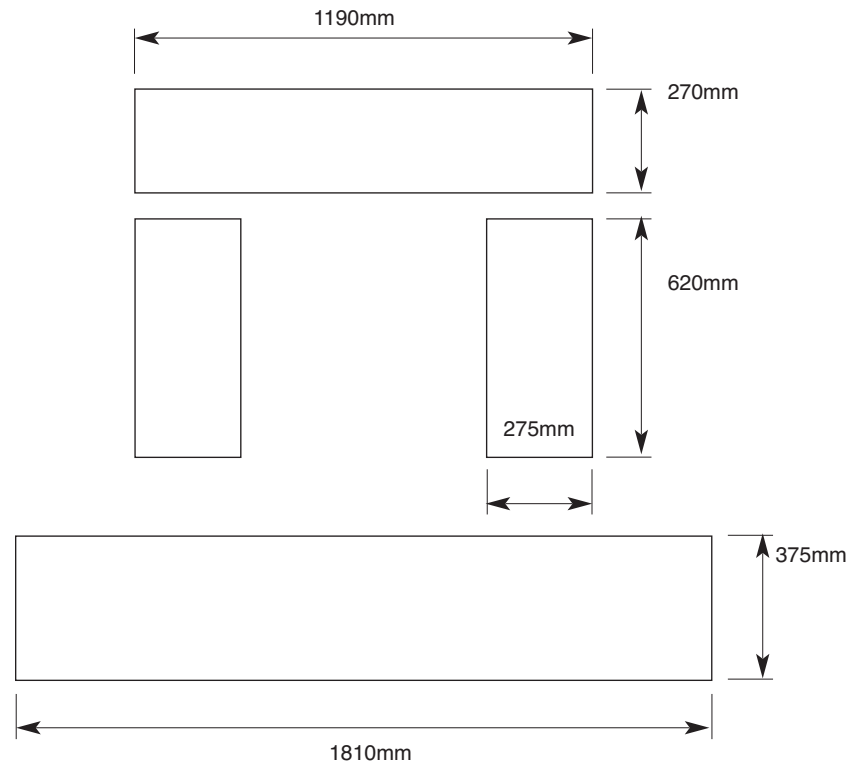
The LCD display will show 'CL' (Code Learn) for 2 seconds then return to the normal OFF state display. During this time a special code will be transmitted by the RF Thermostat to the Control Unit, causing the Control Unit to learn its ID.

### WARNING

When the RF thermostat is in the "Auto" mode and the room temperature drops below the minimum temperature, the fire and fan will come on and operate until the room temperature is 3° above the minimum and then turn off, therefore:

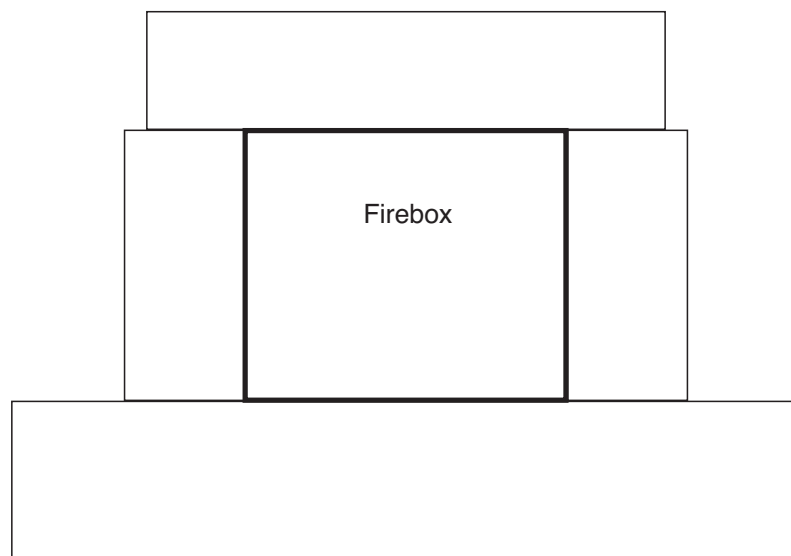
- The minimum temperature should be set at a temperature that is not likely to cause the fire to continually turn on and off.
- If leaving the house for an extended period, the RF thermostat should be turned "OFF".
- As long as the RF thermostat is in the "Auto" mode and the temperature goes below the minimum set temperature, the fire will come on no matter what times are programmed into the thermostat.
- If you are unsure of the operation of the RF thermostat, please contact the manufacturer.

## OPTIONAL MARBLE HEARTH AND/OR MARGIN SET (Inbuilt & ZC models only)

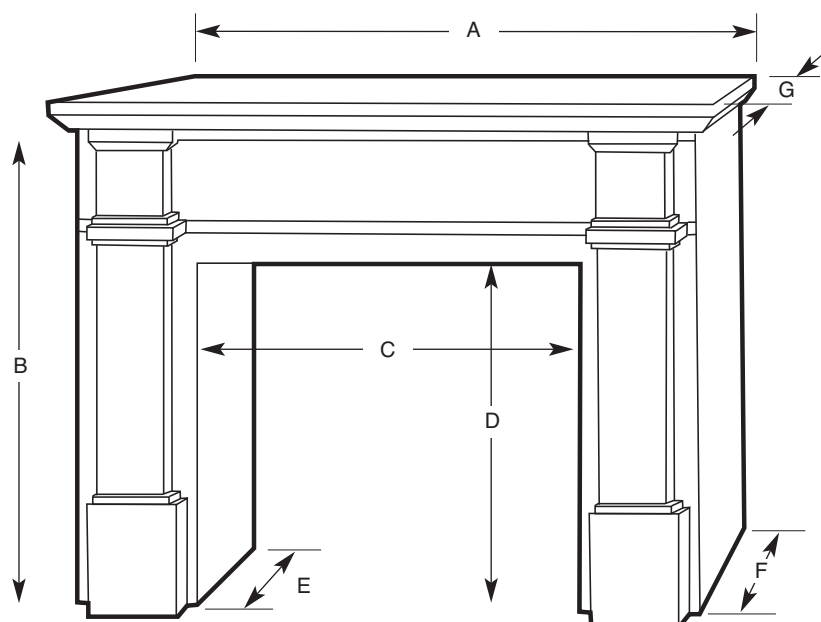


### Marble Margin Set Installation Procedure

1. Install Pyrotech without trim.
2. Install marble up to flange on Pyrotech. Use liquid nails to fix to wall. Marble should look like the diagram below once it has been installed and before mantelpiece has been attached.
3. Once unit is all set up, attach trim. Trim should overlap the marble so that the switches are accessible.



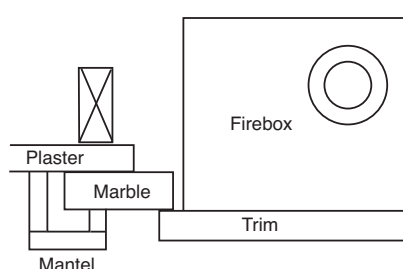
## OPTIONAL MANTELPiece INSTALLATION (Inbuilt & ZC models only)



### MANTELPiece

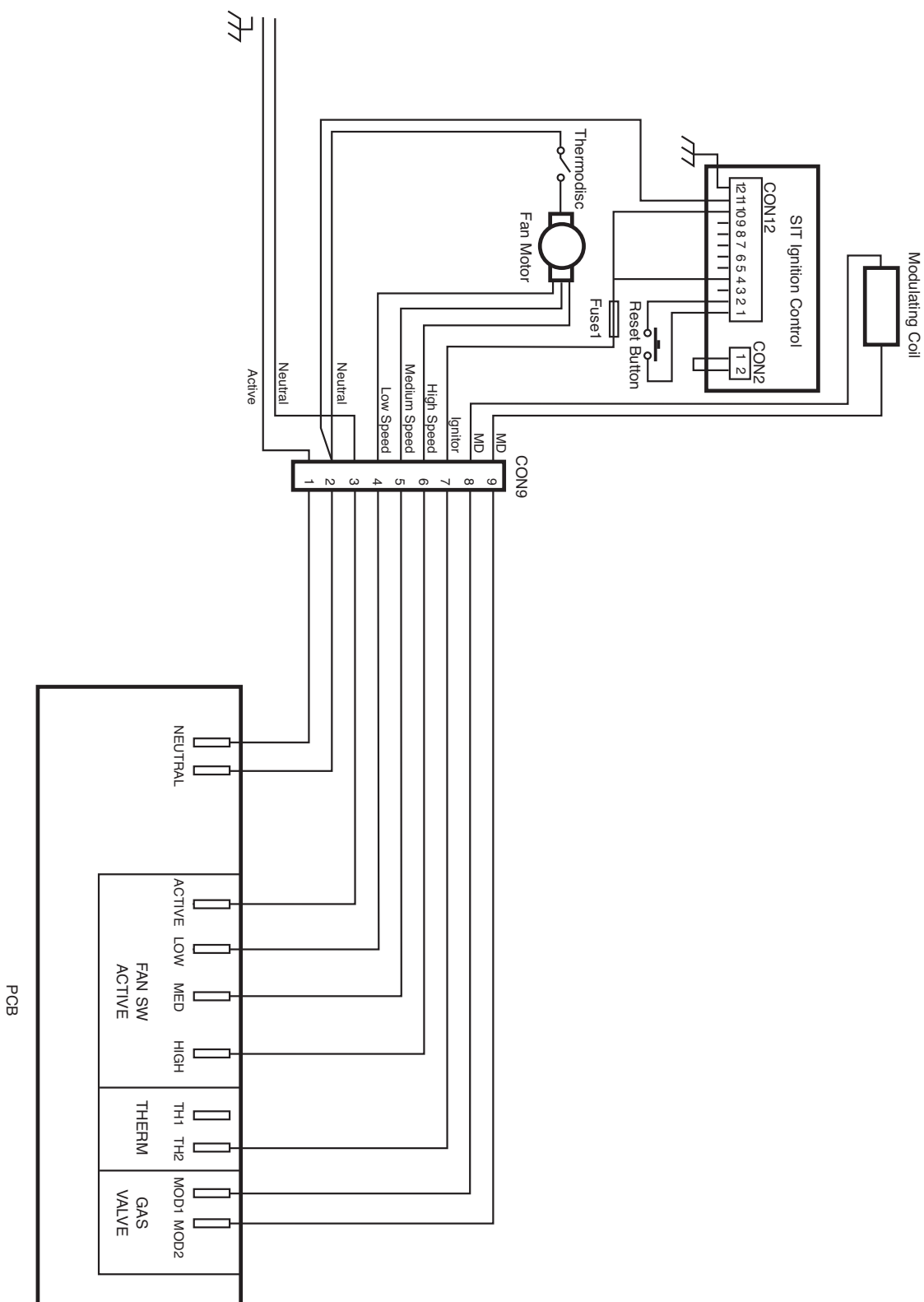
| MODEL             | A    | B    | C    | D   | E  | F   | G   |
|-------------------|------|------|------|-----|----|-----|-----|
| Universal*        | 1810 | 1220 | 1090 | 860 | 80 | 100 | 280 |
| Victorian Arch    | 1440 | 1210 | 885  | 920 | 20 | 20  | 190 |
| Federation Square | 1440 | 1215 | 920  | 920 | 20 | 20  | 235 |

\* Universal Windsor, Bouvier, Kensington, Freidrich



NOTE: If using a cast fascia inside a mantel a special trim needs to be ordered.  
See your Real Flame stockist for details.

# ELECTRICAL DIAGRAM











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[www.realflame.com.au](http://www.realflame.com.au)

1300 554 155