SIGNATURE OUTDOOR FIREPLACES

BESPOKE FRAMELESS FIREBOX DESIGN & INSTALLATION INSTRUCTIONS

The genius is in the detail

URBAN OUTDOORS
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URBAN FIRES OUTDOOR FIREBOXES ARE FOR OUTSIDE USE ONLY. THEY MUST NOT BE USED INSIDE A DWELLING.

For UF670RCS, UF700RCS, UF950RCS, UF2000RCS & UF4000RCS Outdoor Gas Fireplace burner systems. Read in conjunction with the burner Installation & Users Instructions. GB/IE.

• Important: These appliances shall be installed in accordance with;

• This guidance booklet and the UF670RCS, UF700RCS, UF950RCS, UF2100RCS & UF4000RCS Installation & Users Manual
• Local gas installation regulations and The Rules in Force
• BS 5440-1
• BS 5871-1:2005,
• BS 5871-3:2005
• BS 6891
• Any other relevant statutory regulations.
• Must be installed by a Registered Installer (NG & LPG)
• Converting this appliance for use with G31 Propane must be done by a Registered LPG Installer
• Urban Fires appliances are for use on Natural Gas (G20) at a supply pressure of 20mbar or LPG Propane (G31) at a supply pressure of 37mbar and Butane (G30) at 28-30mBar
• In IE, consult document I.S. 813:1996 Domestic Gas Installations.

It is strongly suggested that no work proceeds until all the components are on site.

SPECIFY THE FIREBOX

READ THOROUGHLY BEFORE COMMENCING DESIGN & INSTALLATION
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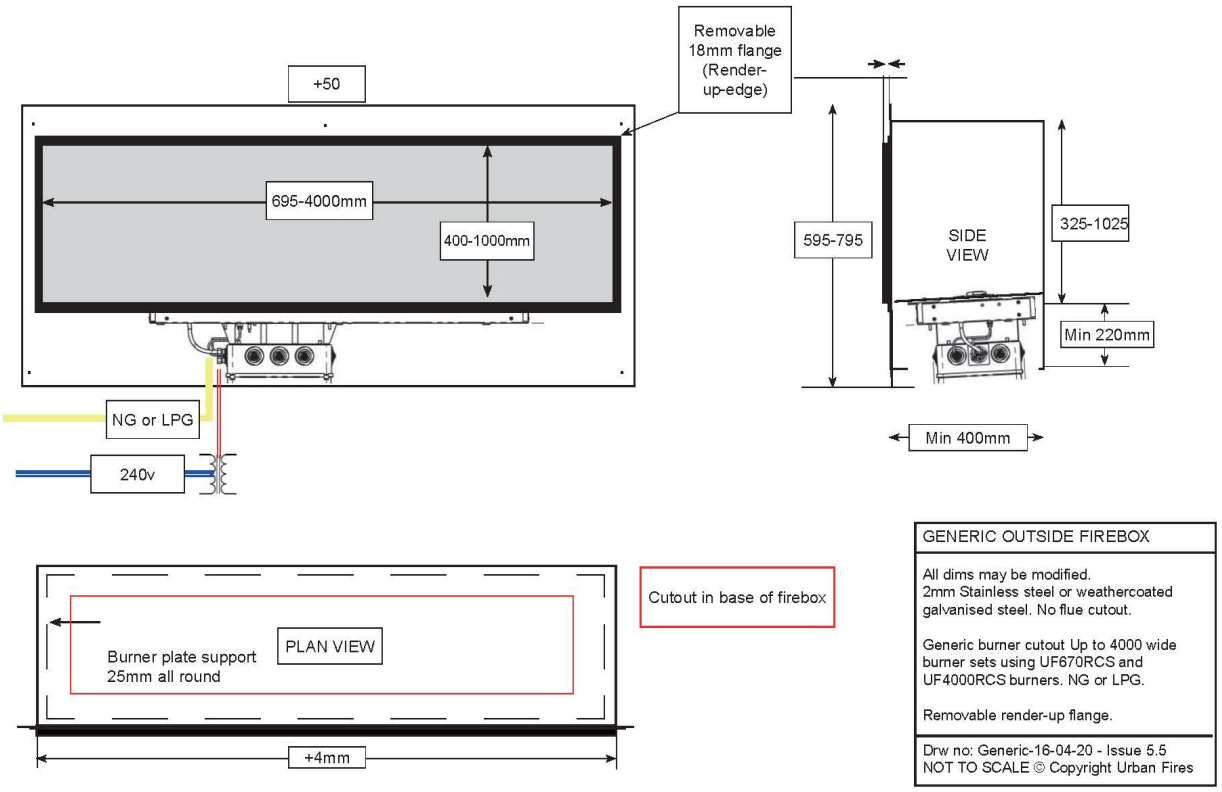
All SIGNATURE fireboxes are made to measure, from 2mm black, weathercoated galvanised steel, 2mm 304 brushed stainless steel, or 316 marine grade brushed stainless steel (with lifetime warranty). Illustrated below are typical firebox dimensions. Modify any of the dimensions to suit the project. Or send us your visuals.



Signature outdoor gas burners are clean-burn and do not require a chimney or flue, unless it is necessary for example to protect adjoining plants or vegetation from heat in a greenwall. When considering an outdoor gas burner, please read **this article**.

Follow these instructions for the installation of a bespoke metal firebox. Follow the Manufacturer's UF950RCS/UF670RCS/UF700RCS/UF2100RCS User & Installation Manual for gas connection, LPG conversion (if required), wiring, testing, commissioning & operation.

Prior to installation of the firebox, a suitable design for a non-combustible or masonry enclosure will have been created (see page 3) with a suitably-sized opening to take the entire firebox (see specific drawing of the firebox ordered) which includes the concealed void below the firebox 'window' and a fixing flange - ideally, have the firebox onsite before commencing building the masonry as parts of it will be concealed within the enclosure. A suitable gas supply and a 240v electri-cal supply terminating with a standard 3-pin socket in an IP-rated enclosure will be required, located within the void beneath the firebox.

The firebox will generally have been fabricated from either stainless or galvanised steel and is not supplied with fixing holes, except in the main fixing flange. (NOTE that cobalt or titanium bits will be required to drill any additional fixing holes which may be needed to safely fix a stainless steel firebox in position. Always use heatproof masonry fixings).

At least 40cm2 ventilation must be supplied to the underside of the firebox by means of a covered vent (preferably using a removable stainless grille or shadow gap for example) built into the masonry enclosure. Access for cleaning any vent must be incorporated.

Ideally, the site gas installer will mount a gas isolating tap within this access. The firebox will be supplied as standard with a removable render-up flange. This flange outlines the periphery of the firebox window to give a good finish to render, tiling, porcelain or other facing finish of the enclosure. Specify the size required.

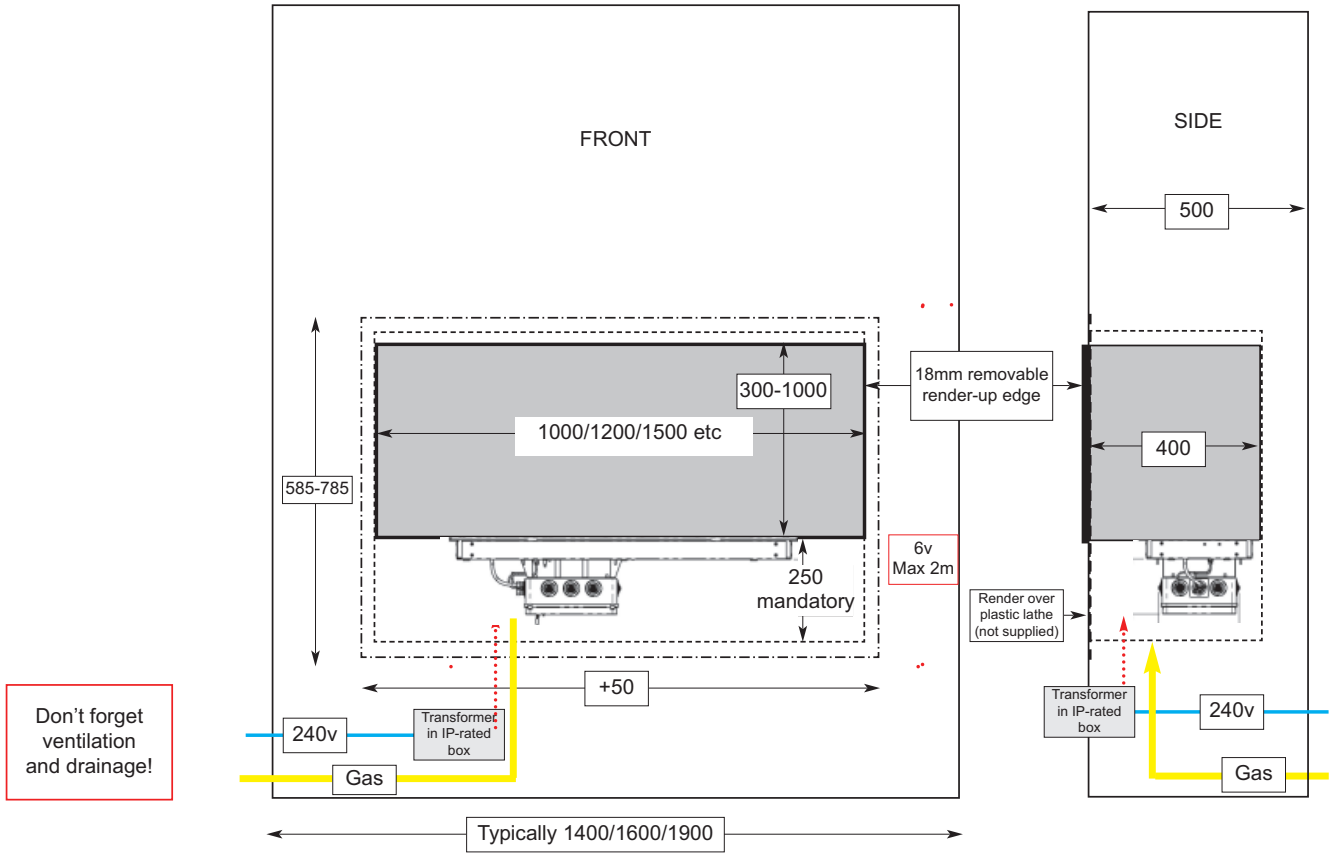
BUILDING THE ENCLOSURE

Use only non-combustible materials, typically lightweight masonry blocks or brickwork, building to good practice. The firebox installation should comply with the schematic below and the infrastructure overleaf.

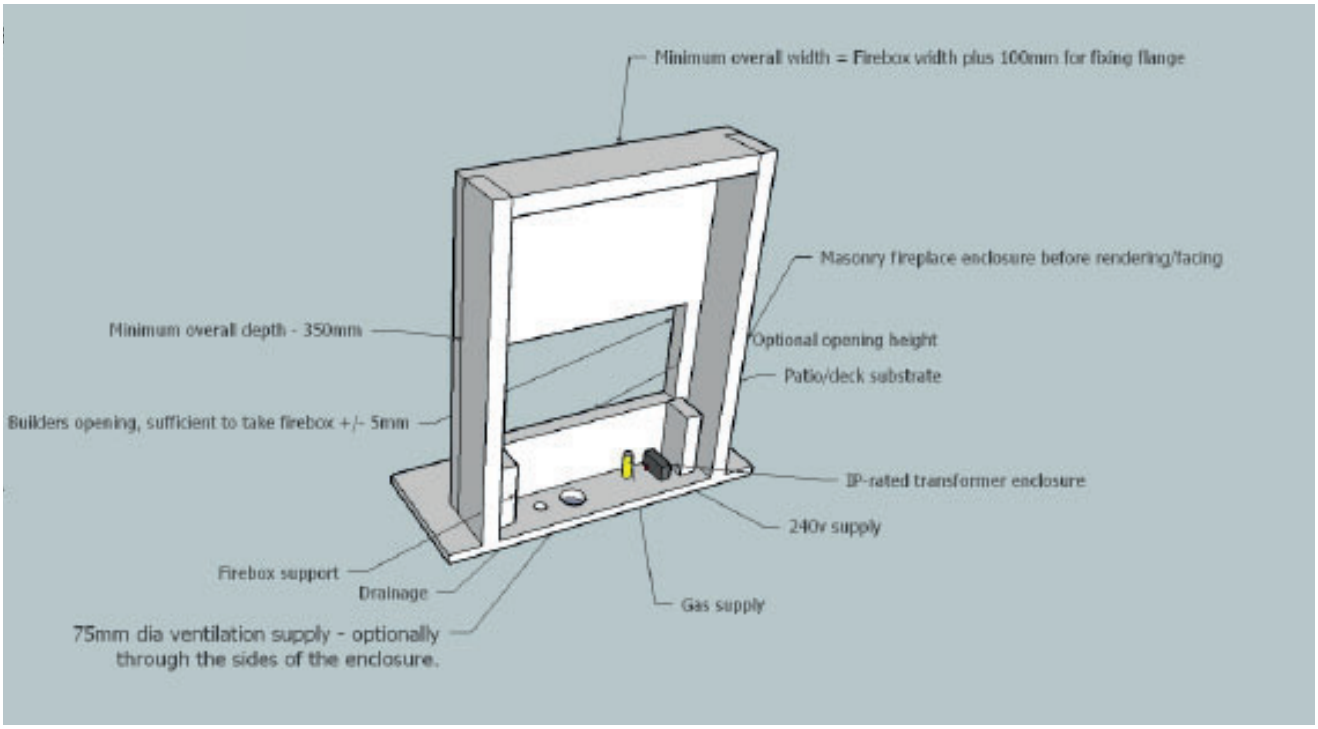
TYPICAL MASONRY ENCLOSURE LAYOUT

Showing gas/electrics optional entry points.

Refer also to the generic firebox drawing (page 2) for more detail.



The enclosure should generally comply with the sketch below.



A MORE TRADITIONAL LOOK?

Of course, we're not restricted to the more contemporary look.

Working with your site contractor, landscaper or designer we're happy to design and make a suitable Signature firebox and install a gas or bioethanol burner to complete your project.

Many clients choose a mantelpiece from a salvage yard to suit the scheme and we will do the rest. Alternatively, there is a wide range of off-the-shelf mantels in stone or marble available from many suppliers- or maybe your site contractor can build to your own design.

Send us your visuals, sketches or inspiration and leave the technical stuff to us.

NOTE! It's always best to contact us - and also to have the firebox components on site - before installing the mantel!

GAS SUPPLIES & BURNER INSTALLATION

Installation of the burner tray and connection to the controls (see separate burner manufactuerers User & Installation instructions documents) must be completed by a registered gas installer or (optionally) by our own technicians, before hand-over of the installation to the client - the enclosure should by then have been rendered or finished in some other way, up to the removable flange around the firebox window.

This is a summary of the required infrastructure:

* Install masonry with a DPC

* Site contractors to install the firebox as they build the masonry

* 40cm2 free air ventilation to be supplied to the underneath of the burner. The burner must be rebated below the horizontal surface of any support structure.

* Suitable drainage to good practice to be supplied by site contractors beneath the firebox. Rainwater must not be allowed to pool. Create a fall towards the drainage point.

* Suitable NG/LPG supply for 15kW/hr with isolating tap and 15mm copper tail required to location. MDPE pipe is not suitable for use in the void beneath the burner. We recommend Tracpipe or finshing in copper .

* A 240v supply in an IP-rated enclosure (not supplied) with a standard 3-pin socket, suitably sized for our transformer (see dims page 5). This is one that we would typically use: http://www.tlc-direct.co.uk/Products/GWBX645.html You will need the following components:

(1) GWBX645 150 x 110 x 140mm IP56 Moulded Box
(2) EK241B 13mm Nylon Compression Gland Black for Cable 5-7mm
(3) EK79B 13mm Nylon Lock Ring - Black

* For LPG installations, we recommend a minimum propane cylinder size of 2 x 19kg, linked togther by an automatic changeover valve/regulator:

There are many methods of safely concealing gas cylinders, please ask for details.

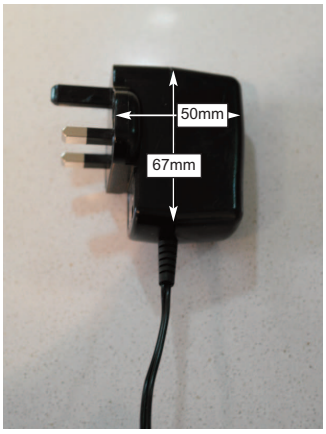
FINALLY

Remove any transit film from the firebox before commissioning the burner system.
Clean the firebox of any building/garden debris before hand-over.
Oil stainless steel fireboxes with WD40, Baby Oil, or the like.
Black galvanised steel fireboxes may be cleaned with a damp cloth.
Describe the operation of the remote control handset to the End User.

Advise the End User not to use the fireplace for more than 15 minutes until render and/or mortar is completely dry - and of the cleaning instructions (see User Instructions) plus the need for annual servicing.

IN THE EVENT THE FIREPLACE IS TO OPERATE ON LPG GAS (CALOR GAS) FOR EXAMPLE, PLEASE ASK FOR GUIDANCE FOR THE INSTALLATION AND STORAGE OF PROPANE CYLINDERS.

TRANSFORMER DIMENSIONS & SERVICES



NOTE: Transformer dimensions are subject to change without notice.

Transformers operate at 6v and 1200mAmp.

To avoid additional installation charges, it is important, that all energy services and drainage & ventilation of the void, are in safe and working condition on the day of connection, commissioning & certification.