

EDWARDIAN FLAMBEAUX



Product Features

The Edwardian Flambeaux combines both pedestal and burner. The unit is made from cast aluminium and is assembled and painted in black RAL 9005 as standard. The Unibox controller is fitted remote from the unit but must be located within 10M of the burner. Looms are available in 3M, 5M and 10M lengths, please specify when ordering; also consider the required length of gas valve solenoid cable that would be required.

Features

The Edwardian Flambeaux is manufactured from cast aluminium that is powder coated black RAL 9005, as standard. Other colours can be provided and are priced upon request.

Control Gear

The Unibox 008 is fitted remote from the pedestal, all terminations are already made. This provides the installer with the freedom of location for the Unibox and solenoid. The controller will require a 240v AC - 5A power supply. The burner is ignited by two hot surface igniters and controlled by two thermocouples that feed back to the Unibox for safe flame failure operation.

Tips - Locations

When considering the location of the flambeaux the following must be considered:

1. Avoid any building or feature with over-hangs.
2. Avoid any location that is overlooked by an open window within 2M of the burner.
3. Avoid locations that require specialist equipment for maintenance access, such as high on a building or close to the roadway.
4. Keep all drainage holes free.
5. Keep away from any flammable materials.
6. Keep out of the reach of the general public.
7. Do not install directly below opening windows, if in doubt we recommend that a carbon monoxide detector is mounted within the room.

Options

Mounting Options

The Edwardian Flambeaux is mounted by three fixings cast into the base. The base foot-print measures 400mm x 475mm. Fixing bolts are not provided. Caution should be taken when mounting the bowls with regard to building overhangs and opening windows. Also, with this unit, care should be taken to ensure the Flambeaux cannot be touched as it is a low fitting. These units are normally fitted to a plinth to raise the height.

Variations

Gas Types

The units are approved to run on both natural and LPG gases. The correct pressures should be achieved to ensure a reliable operation and good flame picture. All other gas appliances must be considered when sizing the pipes and meters for these units.

Finish Variations

As standard the Edwardian is supplied as a cast aluminium pedestal supplied painted black RAL 9005. Other RAL colours are available and are priced on request.

Flambeaux Construction

Cast aluminium pedestal painted black RAL 9005

Materials

Pedestal

Cast aluminium.

Burner

Stainless steel small burner can and anti-rollover plate complete with, brass jets and air chambers.

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Typical Specification

The Edwardian Flambeaux pedestal will measure 475mm in diameter and 725mm in height, this is painted **black RAL 9005** powder finish. The Edwardian Flambeaux has three fixings cast into the base of the unit, fixing bolts are not supplied. The Flambeaux will be supplied with a **30,000 btu** small burner assembly comprising of 1 x HSI and 2 x TCs. The Edwardian Flambeaux will be supplied jetted and aerated for **Natural** gas. The unit will require a gas supply of **30,000 btu's** of gas per hour at a regulated pressure of **18.5mbar +/-1**. Also a fused **240v AC** - 5A supply is required to the Unibox controller, for control switching This can run via a time clock but will require independent isolation. The solenoid should be located as near to the burner as possible to ensure the minimum of gas is left within the pipes when switched off. Supplied with a **10M** wiring loom, fitted with a plug and socket connected to the burner end and a set of smaller plugs connected to the Unibox. It is advisable to fit the Unibox within a water tight enclosure to ensure a reliable operation. Please note that items highlighted in bold can be changed using the options available.

Applications

The Edwardian Flambeaux shown here is mounted behind a fence within a Zoo in Liseburg. This ensures the flames are not accessible for onlookers but the flames are directly in the eye line of the observer. The Unibox controllers are fitted remote from the units and are housed within a feeder pillar, out of view.

Note: These appliances are available for the following gas types.

Natural gas, category I_{2H} (20) Austria (AT), Denmark (DK), Finland (i), Greece (GR), Italy (IT) Norway (NO), Portugal (PT), Spain (ES), Sweden (SE), Switzerland (CH0).

Natural gas, category I_{2E} (20) Germany (DE), Luxembourg (LU).

Natural gas, category I_{2Er} (20/25) France (FR).

Natural gas, category I_{2E+} (20/25) Belgium (BE).

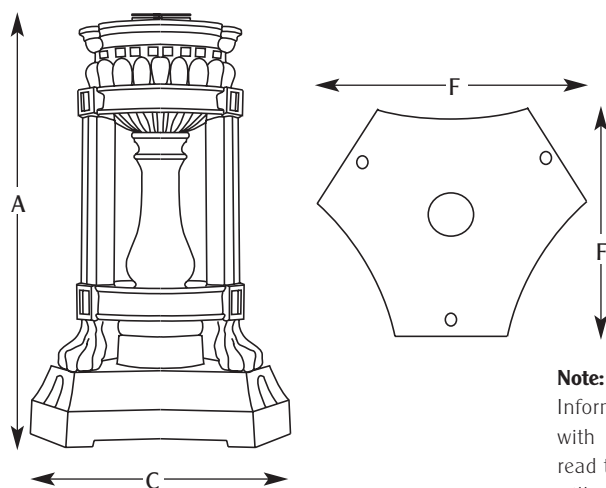
Propane gas, category I_{3P} (37) France (FR), Belgium (BE), Spain (ES), Switzerland (CH), Portugal (PT).

This appliance has been assessed by a notified body and shown to meet the Essential Requirements of the European Gas Appliance Directive.

(Extra care should be taken with propane as additional ventilation may be required).



Options



Note: A Flambeaux Technical Information booklet is supplied with every Flambeaux. Please read the booklet carefully as this will give tips on installation and ongoing maintenance. Spare parts listings for the units are also included along with fault diagnosis routines and wiring diagrams for engineers. To download this booklet please log on to our web site

BURNER NAME	Small 20	Small 30
Approx Flame Height mm	300	425
Burner Dia. mm	75	75
Input Btu/h	20,000	30,000
Input kW	5.9	8.8

Natural Gas		
Aeration	1x3 mm	1x3.175 mm
Gas Rate f ³ /h	19.7	29.5
Gas Rate m ³ /h	0.56	0.81
Bnr.Press mbar	18.5+/-1	18.5+/-1

Propane LPG		
Aeration	2x5 mm	2x6.35 mm
Gas Rate f ³ /h	8	12
Gas Rate m ³ /h	0.23	0.34
Wt of LPG lbs/h	0.94	1.4
Wt of LPG kgs/h	0.43	0.64
Bnr.Press mbar	36+/-1	36+/-1

DIMENSIONS	Edwardian	Boxed
A Overall Height	725mm	800mm
B Outreach	N/A	
C Diameter/Width	475mm	500 x 500mm
E Tube Diameter	N/A	
F Flange Diameter	475 x 400mm	
Windage Area	0.29m ²	1.5m ³
Weight	36kg	40kg

Power	110v	240v	AC
Loom	3M	5M	10M