

MEDIEVAL FLAMBEAUX



Product Features

The Medieval Flambeaux provides a traditional looking fire brand which is suitable for a range of historic buildings and, with the remote mounted Unibox controller, offers a traditional style flambeaux in two sizes.

Features

The fabricated fire basket is made from steel. Within this is the burner and anti-roll over plate which are all housed within an aluminium spinning. The small unit has a small burner which is available at 20,000 btu and 30,000 btu rating. This has two thermocouples and a single hot surface ignitor, whereas the large unit has the medium double device burner with two thermocouples and two hot surface ignitors.

Control Gear

The Unibox 008 needs to be mounted in a dry location less than 10M from the burner head. The wiring loom is supplied pre-terminated, with plugs and sockets, to make the connection required to run the unit. The large unit has the medium burner which is ignited by two hot surface ignitors and controlled by two thermocouples that feed back to the Unibox for safe flame failure operation.

Tips - Ongoing Maintenance

All our products are tested rigorously to the highest standards prior to being shipped. But, due to the rather extreme nature of the product, with the rapid temperature fluctuations, it is inevitable that some maintenance will be required. As a gas appliance an annual service is required to keep your Flambeaux operating safely and efficiently throughout its long working life. Servicing should be carried out by a trained gas service engineer.

Options

Mounting Options

The small Medieval has a single projection bracket while the large has two separate fixing points. The arms are pre-cabled with the gas supply running through the fitting for ease of installation.

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 head and bracket are supplied in black RAL 9005, with all steel parts being fully welded and galvanised for a durable finish. Other RAL colours are available upon request.

The baskets are fabricated in steel with the internal bowls being manufactured from aluminium. All bracket and fixing straps are made from steel galvanised and painted black RAL 9005.

Materials

Bowl

The fire baskets are fabricated in steel while the bowls are spun aluminium, polished copper is available upon request.

Burner

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

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Typical Specification

The **Large** Medieval Flambeaux head will measure **400mm** in diameter and **1400mm** in height, it is supplied in a **Black RAL 9005** powder finish. The flambeaux will be supplied with a **50,000 btu medium** burner assembly comprising of 2 x HSI's and 2 x TC's. The **Large** Medieval Flambeaux will be supplied jetted and aerated for **Natural** gas. The unit will require a gas supply of **50,000 btu's** of gas per hour at a regulated pressure of **16mbar +/-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 gas solenoid valve is located within the supply pipes, a wiring loom will be supplied with a plug and socket fitted to the burner end with a set of smaller plugs for connection to the Unibox. Please specify loom length when ordering as the Unibox is remote on the medieval flambeaux. The Unibox controller and the gas control valve must be mounted no further than **10M** from the flambeaux and ideally the solenoid should be located close to the flambeaux to ensure the minimum of gas is left within the pipe work when switched off. It is advisable to fit the Unibox within a water tight enclosure to ensure a reliable operation.

Please note, items highlighted in bold can be changed using the options available

Applications

The Medieval Flambeaux, shown here at the London Dungeon, replicates the original fire brands and torches that were evident before gas was available. Fitted to old buildings and structures these can produce an authentic image. the Medieval Flambeaux are designed to have remote Unibox controllers, but care should be taken when locating these as they need to be kept dry.

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

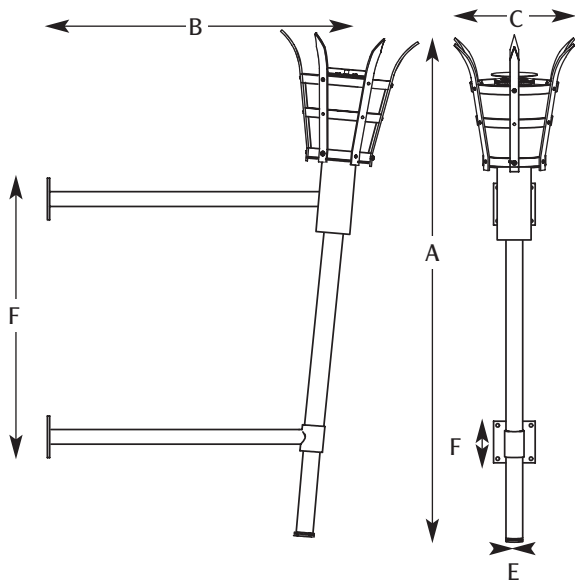
| | |
|---|---|
| Natural gas, category I ₂ H (20) | Austria (AT), Denmark (DK), Finland (i), Greece GR), Italy (IT) Norway (NO), Portugal (PT), Spain (ES), Sweden (SE), Switzerland (CH0). |
| Natural gas, category I ₂ E (20) | Germany (DE), Luxembourg (LU). |
| Natural gas, category I ₂ Er (20/25) | France (FR). |
| Natural gas, category I ₂ E+ (20/25) | Belgium (BE). |
| Propane gas, category I ₃ P (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

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

| BURNER NAME | Small 30 | Med. Dble.50 |
|------------------------|----------|--------------|
| Approx Flame Height mm | 425 | 600 |
| Burner Dia. mm | 75 | 115 |
| Input Btu/h | 30,000 | 50,000 |
| Input kW | 8.8 | 14.6 |

| Natural Gas | | |
|----------------------------|------------|-----------|
| Aeration | 1x3.175 mm | 1x6.35 mm |
| Gas Rate f ³ /h | 29.5 | 49.2 |
| Gas Rate m ³ /h | 0.81 | 1.39 |
| Bnr.Press mbar | 18.5+/-1 | 16+/-1 |

| DIMENSIONS | 450 BOWL | 550 BOWL | BOXED |
|-------------------------|--------------------|--------------------|--------------------|
| A Overall Height | 1150mm | 1400mm | 1500mm |
| B Outreach | 1000mm | 1000mm | 1250mm |
| C Diameter/Width | 280mm | 400mm | 450mm |
| E Tube Diameter | 42mm | 42mm | |
| F Flange | 300 x 230mm | 850 x 150mm | |
| Windage Area | 0.09m ² | 0.11m ² | 0.84m ³ |
| Weight | 13kg | 17kg | 20kg |

| Propane LPG | | |
|----------------------------|-----------|-----------|
| Aeration | 2x6.35 mm | 2x6.35 mm |
| Gas Rate f ³ /h | 12 | 20 |
| Gas Rate m ³ /h | 0.34 | 0.57 |
| Wt of LPG lbs/h | 1.4 | 2.33 |
| Wt of LPG kgs/h | 0.64 | 1.07 |
| Bnr.Press mbar | 36+/-1 | 36+/-1 |