### **Technical Specification**

### CVOFIRE

## Madini & Fire Grate (with Logs or Pebbles)

Index # 127, Rev-3 / 17-Oct-2019

#### **DESCRIPTION**

This Specification Sheet is for the Madini Gas Burner that has been upgraded with a Fire Grate Basket. There are other Specification Sheets available for the Madini Gas Burner as either a drop-in burner or with an enclosure. If in doubt call Sales on 01325-301020. The fire is operated by an RF Remote System with a handset, the remote is programmable and includes a thermostat to control room temperature, the remote system is battery powered.

The Madini is supplied with either a log or pebble set. Ceramics supplied with the fire must be used.



#### **CE APPROVAL**

The Madini is CE approved for I2H, I2E, I2E+ and is available for all European Countries using this gas type.

#### **POWER RATING**

Natural Gas Only – Heat Input on High 4.9kW, Heat Input on Low 2.4kW Approximate running costs per hour on high (subject to supplier tariff) 22p/hour.

#### FIREPLACE OPENING

The Fire Grate is designed for use in a fireplace opening with a minimum Class 2 (125mm diameter) chimney. When using the Fire Grate in a fireplace opening, ensure the opening sizes shown below are adhered to. Other sizes are possible however this will depend on the strength of the chimney system. If spillage occurs, then a glass slip may be required to reduce the opening back to the standard dimensions. The Fire Grate can be installed in a double-sided enclosure however the installer must ensure that spillage does not occur. In some double-sided installations glass may be required on one side.

The maximum opening size for the Fire Grate Burner is 840mm (w) x 480mm (h) x minimum depth of 310mm.

The burner must be positioned so that it has a minimum gap of 70mm from the burner edge to the front of the enclosure/gather position. This ensures the flue gases are collected by the chimney and spillage does not occur.

The fire may be installed in other enclosure sizes however this will depend on the flue type and length that is being used. If spillage occurs a glass panel can be used to reduce the opening back to the standard size.

#### **DIMENSIONS**

Please see page 2 & 3 for technical drawings and dimensions.

#### OTHER TECHNICAL INFORMATION

- 1. The fire is approved with a minimum flue diameter of 125mm, or minimum area of 125cm2.
- 2. The fire is CE approved with a minimum flue height of 2 metres from the top of the gather spigot.

CVO reserve the right to amend and improve the specification sheets without prior notice. If in doubt about any aspect of this specification, please call. The specification is not to be used to install the fireplace. Every fire is supplied with an official install booklet. Spirit Fires Limited own the Spirit, CVO and Firevault Trademarks. Copying and distribution of these specifications is not permitted without the permission of Spirit Fires Ltd.

All dimensions include a +/-2mm tolerance.

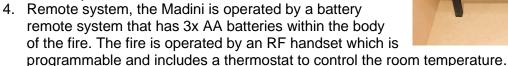
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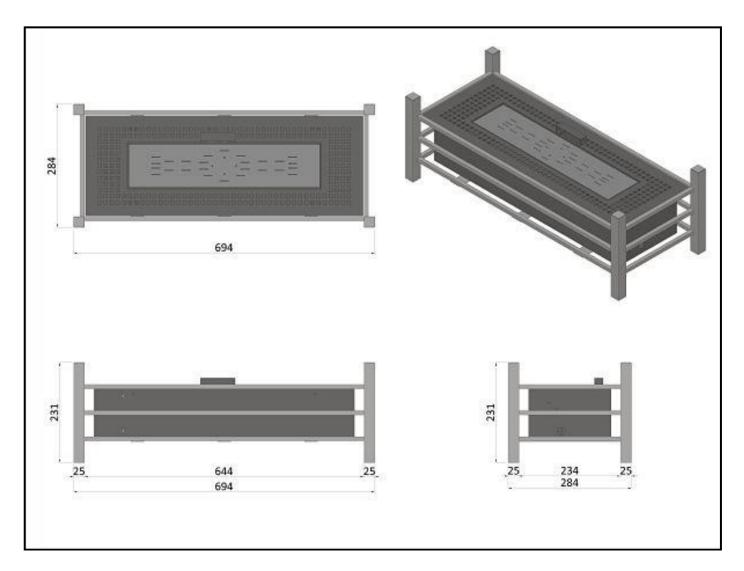
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3. A standard gather can be supplied as an optional extra with the fire and it is strongly advised to purchase the gather with the fire. Using a gather will reduce the possibility of debris falling into the fire from the chimney stack and will help to reduce the draw when using a larger or longer flue system than the minimum allowed. This will also preserve some of the heat and increase the efficiency of the fire.





5. An allowance is required around the burner tray for expansion under operation and adjustment.



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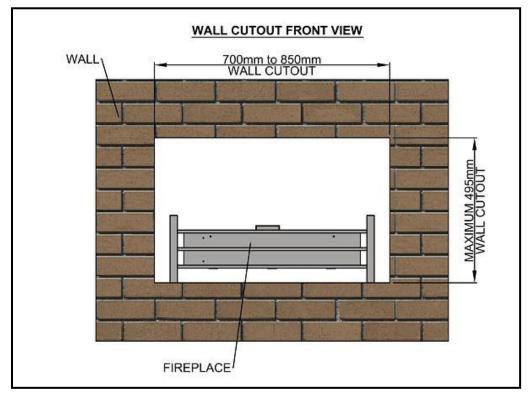
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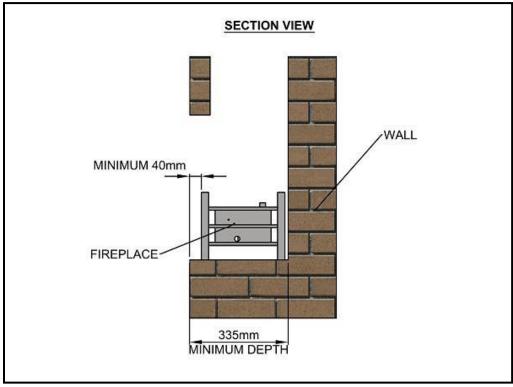
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