

## FR920HE - High Efficiency Gas Fire [with Glass Front] – BS7977

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CVO Fire : 01325-301020 : [www.cvo.co.uk](http://www.cvo.co.uk) : [sales@cvo.co.uk](mailto:sales@cvo.co.uk)

#### DESCRIPTION & CE APPROVAL:

This is a high efficiency gas fire with a glass front and fireplace logs. The fire is operated by a battery operated radio frequency (RF) remote with a handset. The FR920HE is CE approved for I2H-G20-20mBar and is available for all European Countries. The fire is approved to BS7977:2009 for installation into an existing chimney or precast flue and also approved to EN613 for installation into a new build property using a 125mm flue liner. If using a brick built chimney with a flue liner the EN613 version should be purchased. The fire must be purchased for the chosen installation type as the fire cannot be converted later. See the technical drawings on page 2 & 3 for clarification. If you are unsure about the installation requirements call sales on 01325-301020.

#### BURNER:

The gas burner is currently only available for natural gas.

#### POWER RATING:

Natural Gas: 6.1Kw [27p/hour], Flow Rate : 1.0m3/Hour

#### DIMENSIONS:

1. See attached technical drawings on page 2 & 3.
2. Letterbox size : 920mm x 235mm

#### OTHER TECHNICAL INFORMATION:

3. **EFFICIENCY RATING : 80%**
4. The FR920HE is available for Natural Gas Only.
5. Fitted with ODS (Oxygen Depletion System) safety system which monitors oxygen levels in the room.
6. No additional room ventilation is required with this fire.
7. **IGNITION:** The fire is operated by a RF (radio frequency) battery powered remote system with handset. A mains power pack is available as an upgrade. The batteries have a life of 12 months. High quality batteries should be used. The handset shows the condition of the batteries in the handset and also the fire. To change the batteries the glass must be removed. It is advised to fit new lithium batteries on each annual service.
8. **INSTALLATION STYLE: The fire is designed to be installed in two ways:**
  - a. **AS AN INSERT FIRE :** The fire fitted into a standard fireplace opening with chimney which is then finished with plasterboard to create a letterbox style. The minimum construction opening size required is 945mm (w) x 510mm (h). The minimum depth is 330mm – the fire requires a debris collection area behind the unit when installed in a brick built chimney. The minimum clearance from the back of the fire to the rear wall is 35mm.
  - b. **AS A CARTRIDGE FIRE :** This is for new build properties without a chimney. The fire must be fitted with the special spigot box to join the fire to the flue liner. The fire is then installed as a stand-alone unit and stud work is built around the fireplace and flue system to create a false chimney breast. If there is a brick built chimney and a flue liner is being used this version should be purchased.
9. **CHIMNEY:**
  - a. The minimum flue requirement is 2m of 125mm flue pipe. The fire can be installed in either a class 1 or class 2 brick built chimney. The fire can be installed in a brick built chimney however a gap must be provided for debris. Brick chimneys will require sweeping and testing prior to installation. See install booklet.
10. **PIPE WORK:**
  - a. The fire has a power rating of 6.1kw and requires an 8mm inlet and 1.0m3/hr of natural gas.
  - b. The pipe work must be able to maintain the inlet pressure at 20mBar when the fire is operating on full.
11. **GLASS:**
  - a. This is a glass fronted appliance and the glass becomes very hot during operation.
  - b. It is advised to mount the fire at a height to avoid accidental touching of the glass by small children.
  - c. It is advised that when operating the appliance in a room where children or elderly people will be present that a fireguard is used.

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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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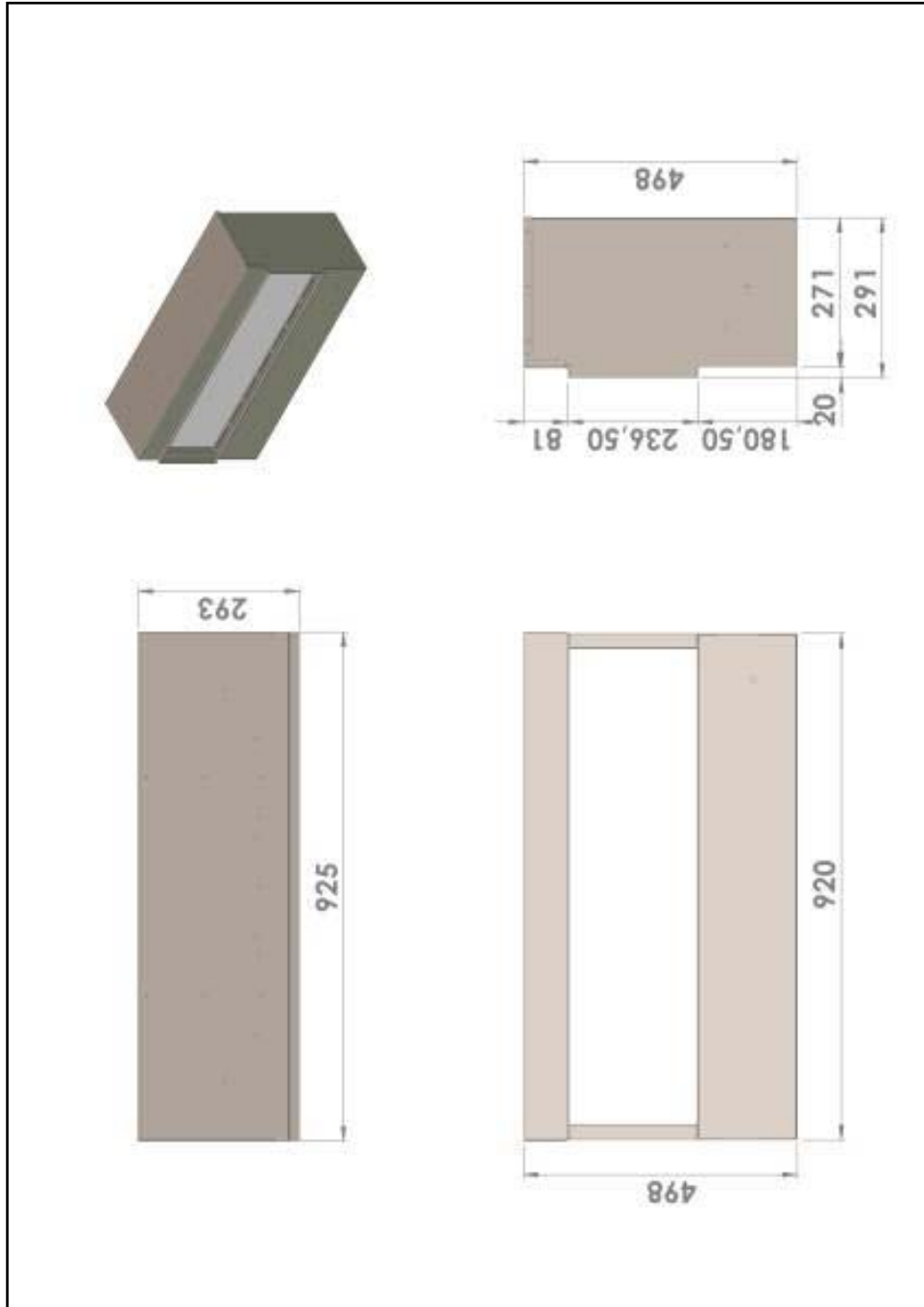
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Visit [www.firevault.co.uk](http://www.firevault.co.uk) or call 01325-301020 for full contact details, location maps and directions.

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**BS7977 VERSION**



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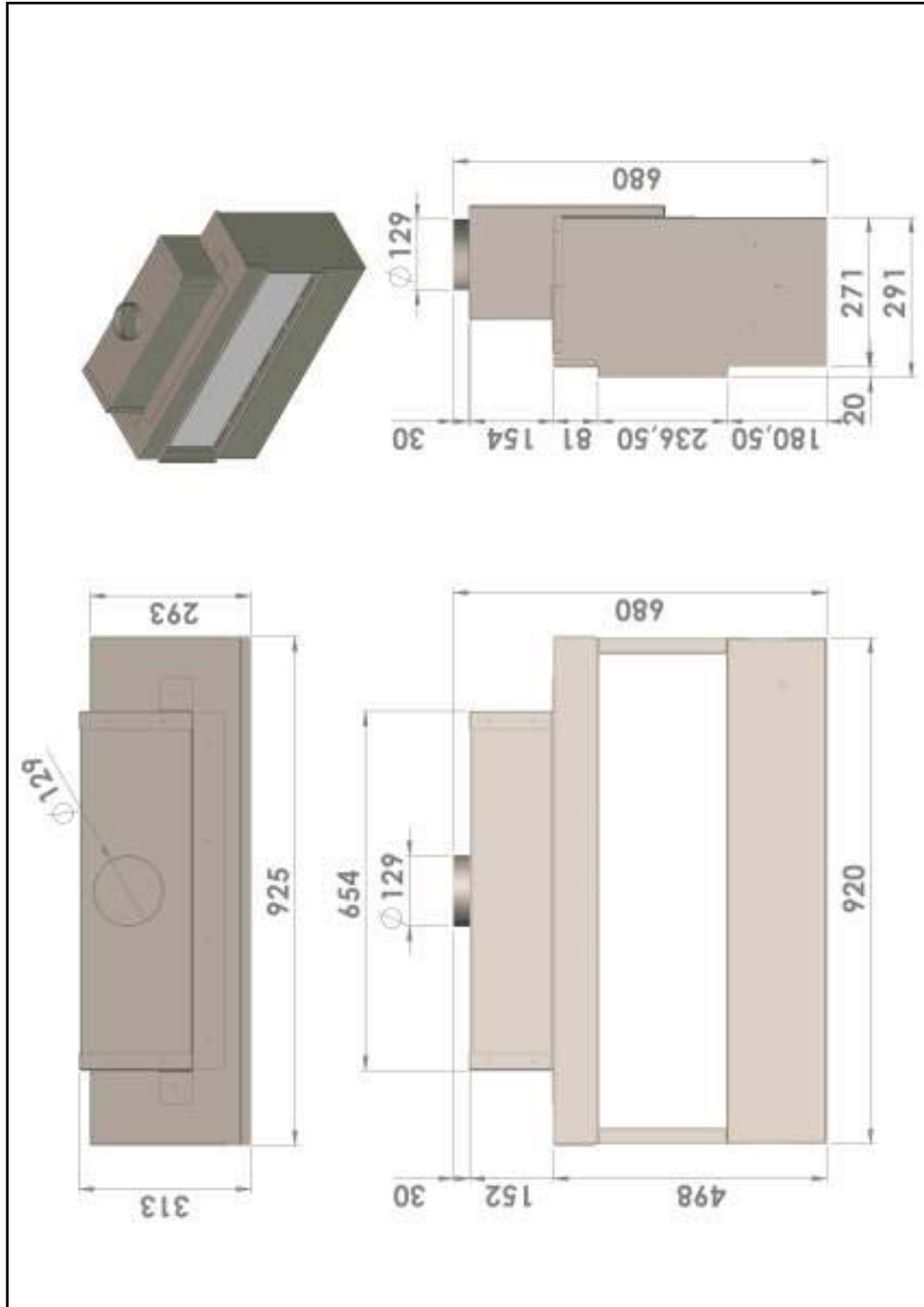
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**EN613 VERSION**



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