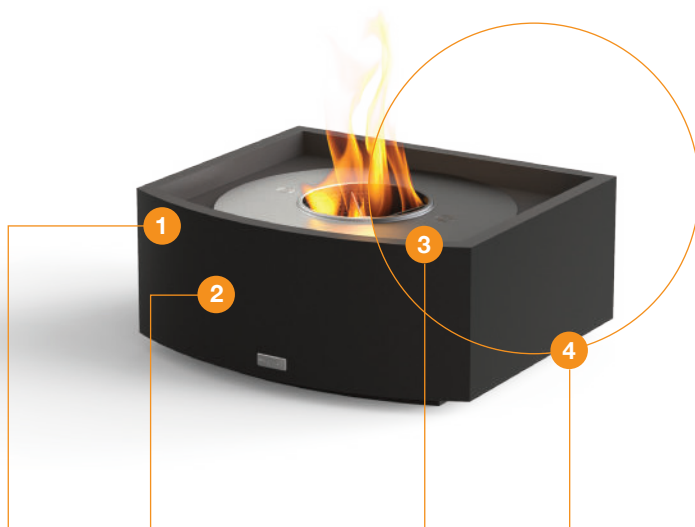


# Grate 18



# Grate 18 Design features



## 1. Fluid™ Concrete

Incredibly strong yet relatively lightweight, EcoSmart's concrete products incorporate revolutionary Fluid Concrete Technology. Fluid features a stain and impact-resistant barrier that protects the concrete from environmental weathering – even under extreme conditions and long UV exposure.

## 2. Surround Colour

Grates are made from durable Fluid Concrete in a bold graphite concrete colour.

## Convert an Existing Fireplace in Minutes

Transforming an existing wood burning fire into a clean burning bioethanol fireplace is easy. Simply install the grate on a level platform and fill it with liquid bioethanol. Then sit back and relax.

## 3. Burner Colours

Available with a Stainless Steel or Black Burner.

## Ground Fixing Brackets

Models come with fixing brackets for permanently locating into a fixed position.

## Low Maintenance

Bioethanol Fireplaces don't leave any carbon residue, so they are incredibly easy to keep clean. Just wipe them down with a damp cloth every now and then.

## Warm your Home, Not the Planet

Burning bioethanol fuel doesn't produce any smoke, so you can use an EcoSmart smokeless fireplace grate with or without an operational chimney.

As traditional wood burning fireplaces lose a lot of heat through the chimney, we recommend sealing off the chimney to increase efficiency. You can do this by closing the dampener or blocking off the chimney with a metal plate.

## 4. Articulating Feet

Our models feature 360° height-adjustable articulating feet, so you can achieve a perfectly level and stable model before operating the fireplace.

## Installation

Install only after all gas connections or pipe lines have been disconnected and made safe by an appropriately qualified and licensed professional.

## Global Compliance

This model complies with existing standards in the USA, Europe, UK and Australia. O-TL listed to UL1370, EN 16647 BSI Certified and ACCC Safety Mandate compliant.

## Included Accessories



Jerry Can with Safety Spout & e-NRG bottle adaptor



Lighting Rod & Lighter



AB8 Efficiency Ring

## Optional Accessories



Plasma Fire Screen



Twin Feet Fixings

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# Grate 18 Specifications

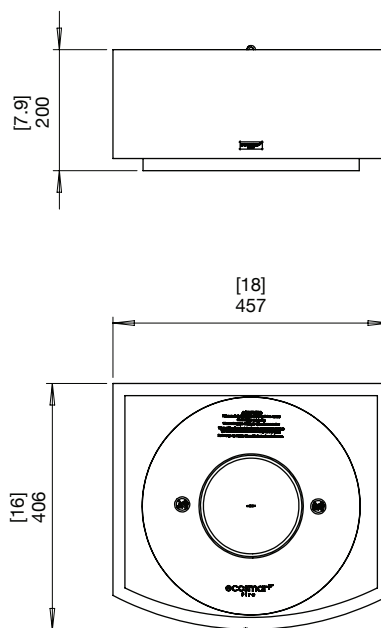
Boasting the smallest footprint in the Grate Series. Easily transform a smaller, traditional wood fireplace into a contemporary, eco-friendly bioethanol fireplace.

## Burner Ventilation and Efficiency\*

| Dimensions<br>L x W x D mm/in    | Compatible<br>Burner | Fuel<br>Capacity  | Heats on<br>Average<br>(Indoors)                   | Thermal<br>Output Net<br>(MAX per burner) | Approx.<br>Burn Time | Minimum<br>Room Size                           |
|----------------------------------|----------------------|-------------------|--|---|----------------------|--|
| 457 x 406 x 200<br>18 x 16 x 7.9 | AB8                  | 8 L<br>[2.1 Gals] | Over 60 m <sup>2</sup><br>[645 ft <sup>2</sup> ]   | 21.56 MJ/h<br>20,433 BTU/h / 5.99 kW      | 7 - 9 hours          | 116 m <sup>3</sup><br>[4,096 ft <sup>3</sup> ] |
|                                  |                      |                   | Over 30 m <sup>2</sup><br>[322.9 ft <sup>2</sup> ] | 13.9 MJ/h<br>12,860 BTU/h, 3.77kW         | 9 - 11 hours         |  |

**With AB8 Efficiency Ring\*\* (EN Compliant)**

|                |   |
|----------------|---|
| Application    | Indoor  |
| Colour         |  Graphite<br>ESF.G.GRA.18.GH   |
| Burner Colours |  Stainless Steel  Black |
| Materials      | Fluid Concrete Surround, Grade 304 Stainless Steel Burner, with optional Black Ceramic Coating  |
| Approx. Weight | 16.4kg [36.2lbs]<br>Weight includes burner and accessories.   |
| Fuel Type      | e-NRG Bioethanol / <a href="http://e-NRG.com">e-NRG.com</a>   |



\*These values are indicative only and may vary depending on the model purchased, installation, and the seasonal resource used to manufacture e-NRG. This model comes with fixing brackets for permanently locating into a fixed position. This model complies with existing standards in the USA, Europe, UK and Australia. O-TL listed to UL1370, EN 16647 BSI Certified and ACCC Safety Mandate compliant. \*\*To comply with EN 16647 the included AB8 Burner Efficiency Ring must be installed before operating indoors.

### FOR MORE INFORMATION PLEASE REFERENCE THE CLEARANCE & INSTALLATION MANUAL

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