

MODULO FIRE LINE TECHNICAL DATA SHEET

Modulo Fire Ribbon: Modular Remote-Controlled Bio Ethanol Burner Inserts

1. Technical data
2. Dimensions of the burners
3. Minimum dimensions of safety
4. Operating Procedure



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Controls

Remote control, On/off button

Dry contact for home automation applications & remote control via Smartphone or remote commands



Ignition - Power

Automatic and secured ignition through low-voltage electronic induction electrodes

Feed pumps with high-tech membranes

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Security

Electronic sensors that automatically halt the unit in case of malfunction
(CO², heat, levels, tank gauge, etc.)



Standards

All Acquisitions devices comply with the following safety standards:
CE (Europe), FCC (USA), IC (Canada)

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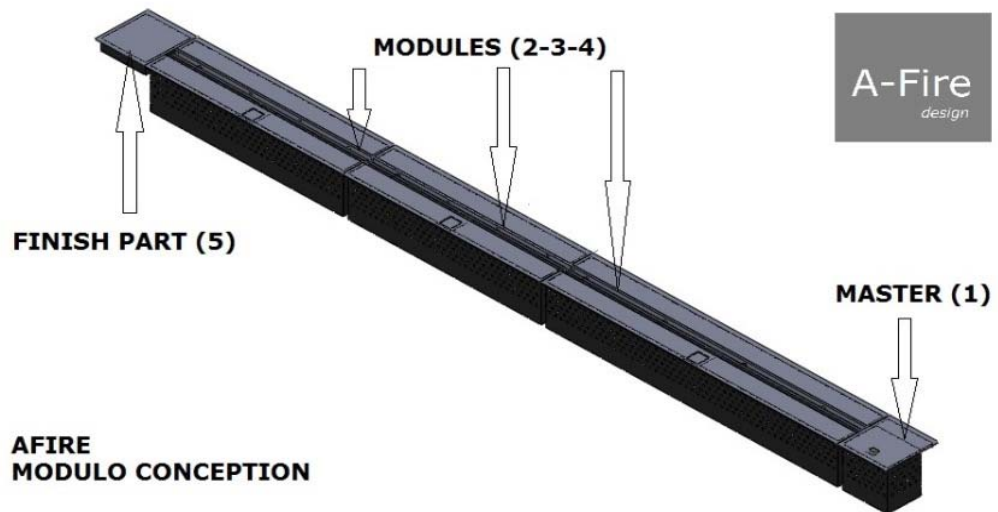


1. TECHNICAL DATA

Being totally modular, the Modulo inserts enable you design a **continuous ribbon of fire** up to very large sizes, in segments of 25 cm – 9.84 in (50 cm – 19.69 in for angles).

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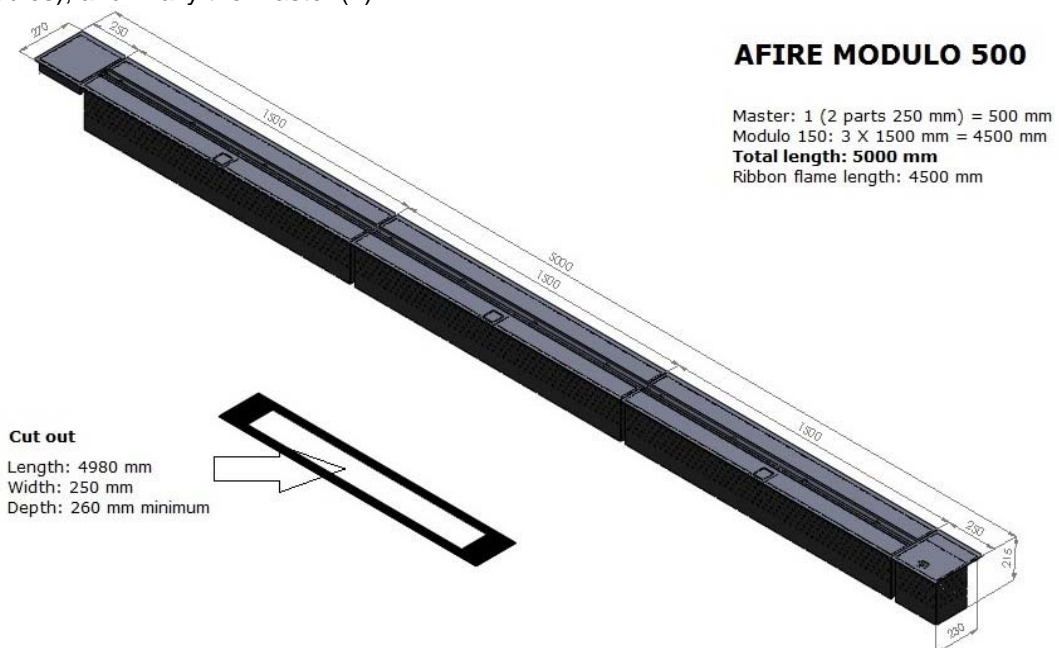


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In the design idea you're imagining, just plan into the space the modules that will make up your ethanol fireplace (installation dimensions available as a PDF upon request). Inside the base where you fit the modules, a single electric socket is required, to power them.

A Modulo fire-space is comprised of a Master (1) (control section), interior modules (up to 10) (2 – 3 – 4) and finishing piece (5).

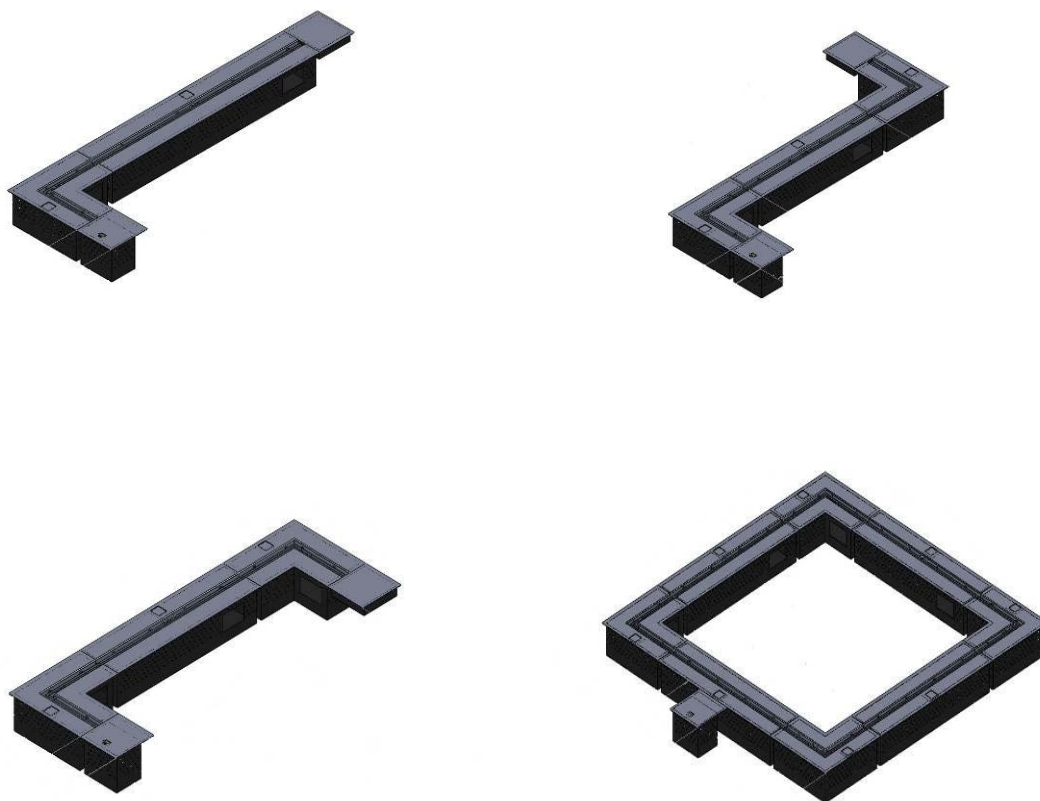
Once the setting is built, you just have to insert the modules one by one inside the space. All modules are connected to the Master with a single connector and linked to the power supply by an adapter (12 V – 100-200 V; 50-60 Hz) (these connectors are provided and adapted to your country's power requirements). The finishing piece is set first (5) then the inside modules (2-3-4) (possible to insert up to 10 modules), and finally the Master (1).



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Feel free to contact Acquisitions with your MODULO chosen length and shape (all dimensions available by segments of 25 cm – 9.84 in, 50 cm – 19.69 in for angles). We are therefore at your disposal to provide you with technical and commercial information on your model

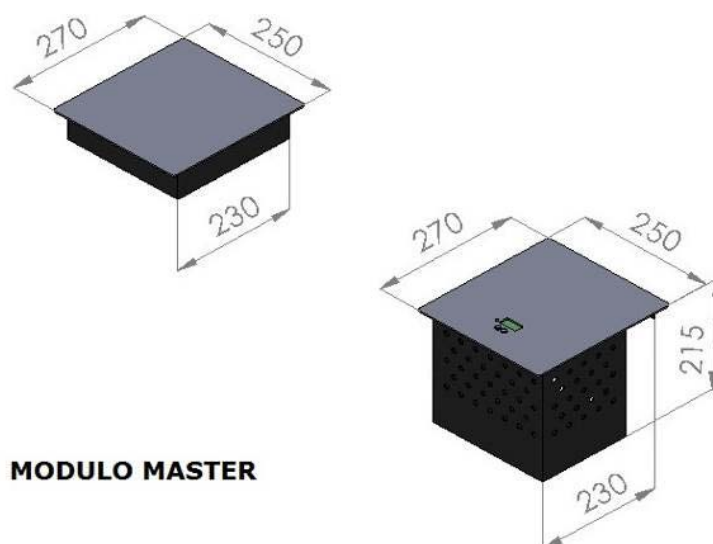


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The modules integrate new technology of single-block metalwork made of brushed 304L stainless steel with a 3-mm plate on the top part. The different Modules comply with CE standards and all feature the following equipment:

- Simple, centralized control of the system via remote control, on/off button on the Master, dry-contact (potential free) connector for smart control.
- Automatic lighting by low-voltage electrodes
- Safety detectors that stop the appliance in the event of anomaly (CO_2 , heat, levels, reservoir access, etc.).
- High quality pump, especially developed for our ethanol burners.
- LCD control and information screen on the Master Modulo, LED information on each module.
- Automatic locking of reservoir hatches when starting burners. General locking button is in the Master module.

2. MODULES DIMENSIONS



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A. Modulo MASTER and Finishing Module

The Master is the Modulo's command center. It centralizes the control and security of the entire system. It is equipped with 10 connectors that can link up to 10 modules. It also features an LCD control screen, a control button and a button to open the reservoir hatches on the modules.

It also has an external connector for distance control, Wi-Fi, smart devices, etc. (dry-contact).
– Dimensions: 25 / 27 / 21,5 cm (9,84 / 10,63 / 8,46 in) Weight: 3,5 kg (7,7 Lbs)

The Finishing Module is a hollow piece that serves to balance and isolate the interior modules. Like the Master, it can be placed anywhere adjacent to the other inside modules.

– Dimensions: 25 / 27 / 5 cm (9,84 / 10,63 / 2 in) - Weight: 3 kg (6,6 Lbs)

B. Inside Module M150

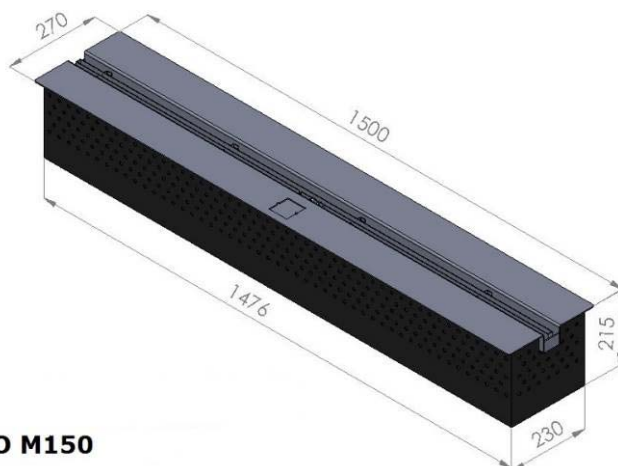
Inside Module M150 technical characteristics

- Dimensions: 150 / 27 / 21,5 cm (59,05 / 10,63 / 8,46 in)
- Output: 11 160 W (38 000 BTU/h)

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- Tank capacity: 16 L (4,2 Gal)
- Autonomy: 8 - 10 hours
- Consumption: 1,8 l/hour (0,47 Gal/h)
- Weight: 35 kg (77,2 Lbs)

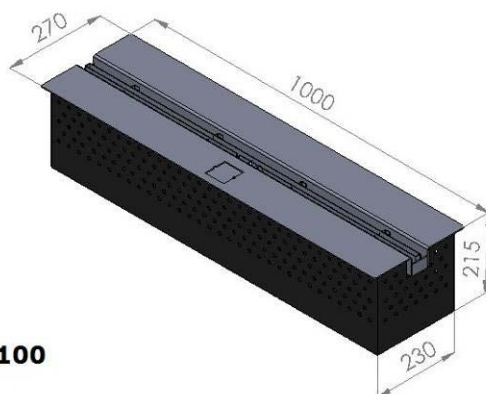


MODULO M150

C. Inside Module M100

Inside Module M100 technical characteristics

- Dimensions: 100 / 27 / 21,5 cm (39,37 / 10,63 / 8,46 in)
- Output: 7 500 W (25 000 BTU/h)
- Tank capacity: 10 L (2,6 Gal)
- Autonomy: 8 - 10 hours
- Consumption: 1,2 l/hour (0,31 Gal/h)
- Weight: 23 kg (50,7 Lbs)



MODULO M100

D. Inside Module M75

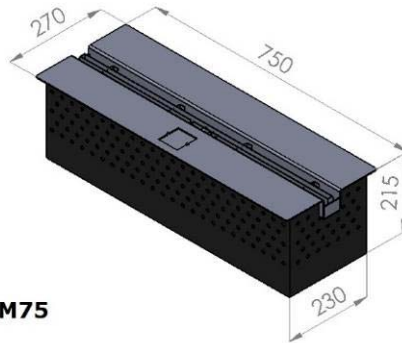
Inside Module M75 technical characteristics

- Dimensions: 75 / 27 / 21,5 cm (29,53 / 10,63 / 8,46 in)
- Output: 5 600 W (19 000 BTU/h)
- Tank capacity: 7 L (1,8 Gal)
- Autonomy: 8 - 10 hours

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- Consumption: 0,9 l/hour (0,23 Gal/h)
- Weight: 17,5 kg (38,6 Lbs)



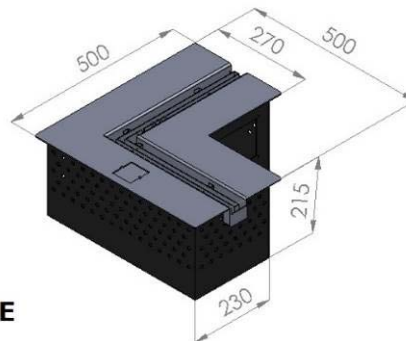
MODULO M75

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E. Inside Angle Module MA50

Angled inside Module MA50 technical characteristics

- Dimensions: 50-50 / 27 / 21,5 cm (19,68-19,68 / 10,63 / 8,46 in)
- Output: 5 300 W (18 000 BTU/h)
- Tank capacity: 8 L (2,1 Gal)
- Autonomy: 8 - 10 heures
- Consumption: 0,85 litre/heure (0,22 Gal/h)
- Weight: 22 kg (48,5 Lbs)

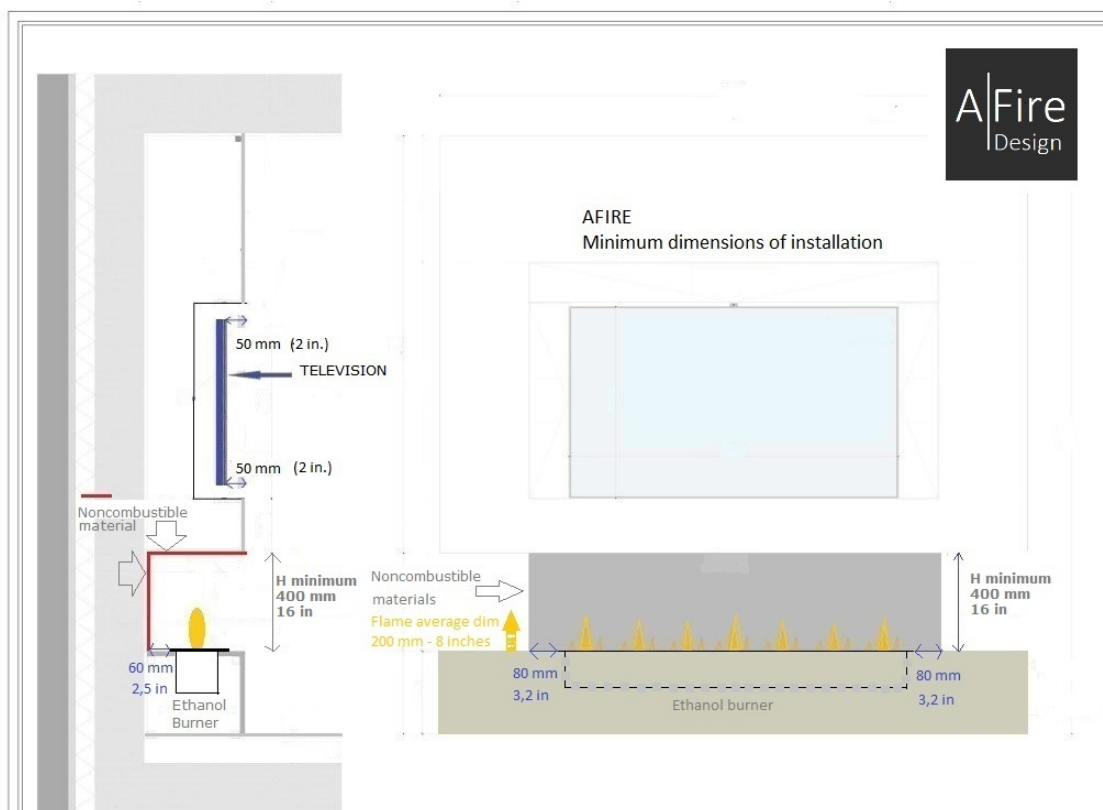


MODULO ANGLE

3. MINIMUM DIMENSIONS OF SAFETY

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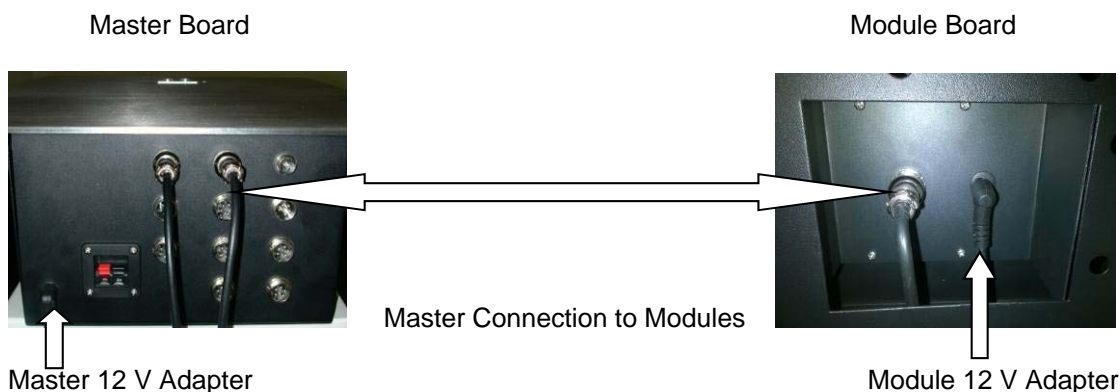


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4. OPERATING PROCEDURE

1. Connections

Connect each inside module to the Master with the supplied connector
Connect the provided 12V adapter to any power supply (100 - 240V, 50 - 60 Hz)
(Acquisitions will deliver the electrical plug appropriate for your country)



2. Installation

The finishing piece is set first then the inside modules (possible to insert up to 10 modules), and finally the Master.

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3. Fill the tank

Use only ethanol 95 – 97%

Press on the Master button 2.

The modules tank doors are unlocked, open one inside module door, remove the cap and fill the tank with a funnel.

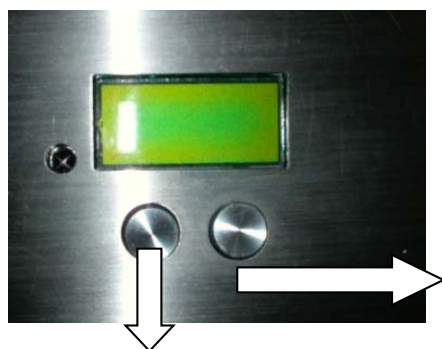
When the tank is full, a beep warns you and the module led turn green.

Put the cap back on and close the door of the tank.

Move to the next module.

When tanks are filled, when you will press the start button, for your safety the door will be automatically locked.

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1. Switch ON / OFF

2. Button to open the door of the tank

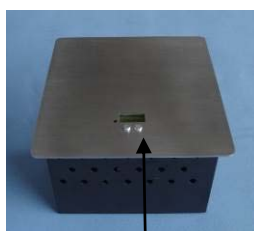


Never fill the burner directly, fill the ethanol tank

4. Press on the remote control, the switch 1 or the remote button to ignite or switch off the burner



1 Switch on / off



1 Switch on / off



Dry contact for home automation
(on the Master)