

# CF FURNACE 36 LITERS WITH SWING DOOR

**36 liters**

**Technical Datasheet**



*Design and production of custom-made furnaces*

*We specialize in the design and  
manufacturing of industrial furnaces  
used in processes that require precise  
temperature control.*

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**hornos  
samo thermal**



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# Technical datasheet

## CF FURNACE 36 LITERS WITH SWING DOOR

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### APPLICATIONS

- Non-ferrous metal casting
- Soil analysis
- Chemical laboratories
- Mining
- 3D jewelry
- Dental mechanics
- Glass fusion
- Ceramics

### FEATURES:

Electronic programmer with storage capacity for 4 programs of 6 segments each, featuring ramp hold fiving programs It includes pre-loaded programs for direct cone firing for ceramics, delay (ignition delay), and automatic end-of-program alarm.

#### Internal Chamber dimensions:

Height: 21 cm  
Width: 38 cm  
Depth: 45 cm

#### External dimensions:

Height: 57 cm  
Width: 64 cm  
Depth: 70 cm

**Volume:** 36 liters

#### Internal Chamber Material:

High alumina refractory bricks

**Power source:** Electric, 2-phase  
double insulation, fold down door.

**Maximum Temperature:** 1050°C

**Current:** 28 A

**Tension:** 220V

**Power:** 6600 Watts

**Number of Phases:** 2

#### Thermocouple:

Type K with ceramic coating

#### Heating Elements:

Spiral wire of Kanthal A1 alloy

**Temperature Measurement  
Variation:**  $\pm 1^\circ\text{C}$

**Switch:** It has a switch for  
turning the oven on and off.

