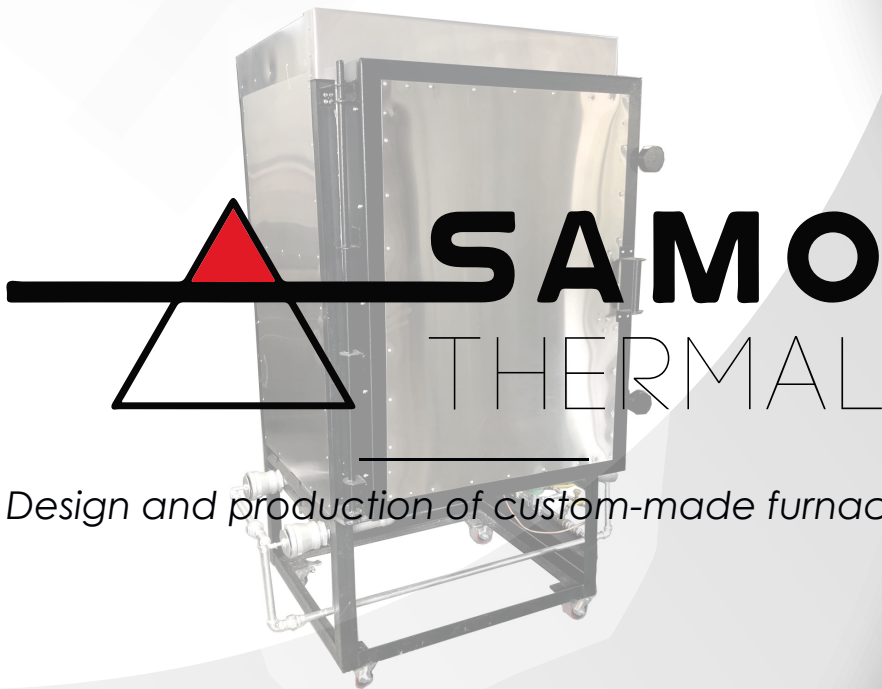


# CF FURNACE 300 LITERS 4.5E GAS

**300 liters**

**Technical Datasheet**



*Design and production of custom-made furnaces*



**samothermalec**

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

**[www.samothermal.com](http://www.samothermal.com)**

# Technical datasheet

## CF FURNACE 300 LITERS 4.5E GAS

### 300 liters

### APPLICATIONS

- Non-ferrous metal casting
- Soil analysis
- Chemical laboratories
- Mining
- Ceramics

### FEATURES:

Electronic programmer with the capacity to store 4 programs of 6 segments each, featuring temperature ramp speed control and holding time. It includes pre-loaded programs for direct cone firing for ceramics, delay (ignition delay), and automatic end-of-program alarm.

#### Internal Chamber dimensions:

Height: 90 cm  
Width: 60 cm  
Depth: 60 cm

#### External dimensions:

Height: 190 cm  
Width: 130 cm  
Depth: 80 cm

**Volume:** 300 liters

#### Material de cámara interna:

Refractory insulating brick and high-quality ceramic fiber blanket (Thermal ceramics)

#### Revestimiento externo:

Electrostatically coated sheet metal and ASTM 304 stainless steel panels (food-grade)

#### Combustible:

Gas LP 0.5 PSI

2 electronic burners

#### Burner Power:

80,000 BTU/hr rectified flame and forced air feed

#### Burner Features:

2 independent zones with electronic temperature control with ramp-hold program storage capability. Computer connectivity enabled.

#### Temperature Control:

System with solenoid valves and BASO brand electronic fuel cut-off system.

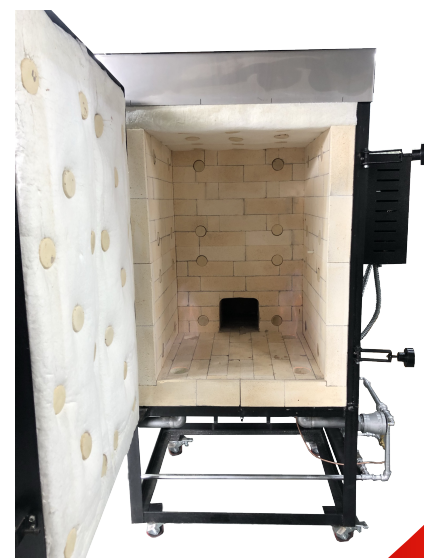
**Continuous working temperature:** 850 °C

**Maximum working temperature:** 1000 °C

**Current:** 2 A

**Tension:** 220V

**Power:** 500 Watts



**Warranty:** 1 year against manufacturing defects.  
**Delivery time:** 4 to 5 weeks.

