

# Products for Industry

Standard Electric Furnace

## F0511

Item Code : 214141

Model : F0511

[Page Top](#)[Product Summary](#)[Specifications](#)[Optional items](#)[Same series products](#)

F0511

## Standard Electric Furnace (F0511)

[Contact Us](#)[Printing](#)

### Product Summary

RCF-free (alumina fiber) that complies with RCF regulations is used for the furnace chamber.

#### Features of Standard Electric Furnace (F0511)

##### Features

RCF-free, safe and secure

##### Features

Simple Operation

##### Features

Equipped with program operation and timer function

## Features

Improved safety functions

## Features

Uses R thermocouple

## Features

Equipped with a variety of options

## Specifications

### Specifications


<b>Item Code</b>	<b>214141</b>
<b>Model</b>	<b>F0511</b>
<b>Operating temp. range</b>	100 to 1,150°C
<b>Temp. control accuracy</b>	±2.0°C (at 1,150°C)
<b>Max. temp. reaching time</b>	Approx. 80min.
<b>Exterior material</b>	Chrome-free electro-galvanized steel plate, Chemical proof painting
<b>Internal material</b>	Alumina fiber
<b>Sensor</b>	R-thermocouple
<b>Heater</b>	Iron-chrome wire
<b>Heater</b>	2.5kW
<b>Exhaust port</b>	20 mm I.D. (upper part)
<b>Cooling Fan Type</b>	Axial fan motor
<b>Temp. controller</b>	PID control by microprocessor
<b>Temp. setting/display method</b>	Digital setting by▲/▼ keys / Digital display
<b>Overheat protection</b>	Integrated controller
<b>Overheat protection set</b>	Digital setting
<b>Operation function</b>	Fixed temp., program (6 modes 30 seg.×1, 15 seg.×2, 10 seg.×3)
<b>Additional function</b>	Calibration off-set, Power outage compensation
<b>Timer</b>	1min to 99hr59min and 999hr 50min digital setting, Auto start, Quick auto stop
<b>Safe Device</b>	Self diagnosis circuit (Abnormal temp. sensor, Auto overheat protection), Averheat protector, Avercurrent ELB
<b>Accessories</b>	1 exhaust cap, 1 thermal fuse
<b>Internal dimensions (W×D×H mm)</b>	300×250×155mm
<b>External dimensions (W×D×H mm)</b>	507×504×627mm
<b>Remarks(dimensions)</b>	11.3L
<b>Power Source</b>	Single Phase AC200V 13.5A

	Plug is not attached, Electric code length is 2m
<b>Weight</b>	44kg


**Maintenance and warranty**

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)  
External dimensions do not include protrusions.

**Optional items**

<  N2 gas inlet system with flow meter (OFP12)

 Sample Tray (OFP22)

 Exhaust unit, AC200V (OFP38) >

**Same series products**

<  Standard Electric Furnace (F0201)

 Standard Electric Furnace (F0300)

 Standard Electric Furnace (F0300CR) >