

# Products for Industry

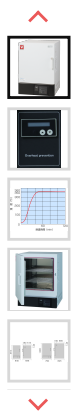
› Scientific and Industrial equipment › Constant temperature and drying oven

Forced Convection Oven (High Temp.)

## DN411H

Item Code : 212901

Model : DN411H

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

DN411H

## Forced Convection Oven (High Temp.) (DN411H)

[Contact Us](#)[printing](#)

### Product Summary

#### Industrial & Laboratory Forced Convection

#### Features of Forced Convection Oven (High Temp.) (DN411H)

##### High precision constant oven

Due to high precision control system, high performance temperature control is realized, and the CO2 discharge, power discharge can be also displayed at the monitor.

##### Feature

Suitable for Heat Insulation Test and Curing Process up to 360deg.C.

##### Feature

Simple Operation by Interactive Key Input.

##### Feature

Calibration offset function, power failure recovery mode, the user configuration information and various function are standard added.

**Feature**

Incorporates with maximum 99 steps, 99 patterns program controller with repeat function.

**Feature**

Loaded with Total Operation Hours Timer.

**Feature**

Data acquisition from internal test device is easy because of cable holes.

## Specifications

### Specifications

<b>Item Code</b>	<b>212901</b>
<b>Model</b>	<b>DN411H</b>
<b>Convection Type</b>	Forced Convection
<b>Operating Temp. Range</b>	Room Temp. +15~360°C
<b>Temp. Adjustment Accuracy</b>	±0.2°C (at 360°C)
<b>Temp. fluctuation</b>	±0.6°C (at 360°C)
<b>Temp. Distribution Accuracy</b>	±3°C (at 360°C)
<b>Temp. Gradient</b>	12°C (at 360°C)
<b>Time to Reach to Max. Temp.</b>	Approx. 60min.
<b>Interior / Heat Insulation Material</b>	Stainless Steel / Glass Wool + Ceramic Fiber
<b>Fan</b>	Sirocco Fan, Condenser Type Motor 30W
<b>Cable holes</b>	33mm diameter (right side)
<b>Temp. Control Type</b>	PID Control by Micro Computer
<b>Temp. Setting Type</b>	Digital Setting by UP/DOWN Key
<b>Temp. Display</b>	Digital Indication by Green LED
<b>Other Display</b>	Temp. Pattern Display for Operating Display by LED
<b>Timer / Timer Resolution</b>	1min. to 99hrs. 59min. or 100hrs. to 999hrs. / 1min. or 1hrs.
<b>Operating Function</b>	Fixed Temp. Operation, Automatic Start, Automatic Stop, Quick automatic stop, Program Operation
<b>Additional Function</b>	Calendar time(24 hours), Calibration Off Set Function, electricity consumption, CO2 discharge, Heater output operation display monitor, power failure return mode, user configuration information saving/summoning.
<b>Heater Circuit Control / Sensor</b>	Triac Zero-cross Type / K-Thermocouple( for temp. adjustment, individual overheating prevention)
<b>Safety Countermeasure</b>	Self Diagnosis Function (Sensor, Heater, Fan, Triac, Main Relay, Automatic Overheat Prevention), Key Lock Function, Independent Overheating Prevention, Door Switch, Electric Leakage Breaker
<b>Shelf Max. Load</b>	Approx. 30kg / shelf
<b>Shelf support step number / Pitch</b>	12pcs. / 30mm
<b>Shelf material</b>	Stainless wire
<b>Accessories Shelf / Shelf support</b>	2pcs/ 4pcs
<b>Heater</b>	SUS Pipe Heater 3.0kW
<b>Exhaust port</b>	33mm diameter x 2 ( back side)

<b>Internal dimensions (W×D×H mm)</b>	470×450×450mm
<b>External dimensions (W×D×H mm)</b>	640×695×915mm
<b>Remarks(dimensions)</b>	95L
<b>Power Source</b>	AC220V 15A Single-phase
<b>Weight</b>	90kg

## 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



## Same series products

