

건조기 / 클린건조기 / 진공건조기

# DRYING / CLEAN / VACUUM OVEN

## How It Works

The heating device located behind the front cabinet wall heats up the air and this hot air moves to each end of the chamber corner as airflow goes. Stainless steel-structured inner components help to maintain the temperature distribution inside. Also, due to the physical and chemical features of drying objects, Vacuum Oven and Clean Oven can be chosen.

## The Purpose of Use

Drying oven is designed for removing unnecessary moisture from samples as fast as possible with a minimum temperature change range in a given time. It can be applied to heating, drying, tempering, testing, aging, sterilizing, and more processes.

## The Field of Use

Research, Industry, Electronic, Medicine and etc.

# Clean Oven (40~200°C)



## SJ-CLOV

90/150



SJ - CLOV series is appropriate for drying temperature ranges between 40°C ~ 200 °C. It takes 20 minutes to reach 100 °C. This product may have internal issues when forcibly operate at a temperature of over 200 °C.

Excellent Uniformity , Accuracy, and Stability + Filtered Air

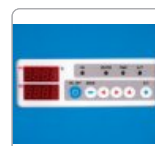
HEPA Filters / P.I.D Control System / Stainless Steel 304 (Chamber) / Silicone Rubber Gasket / Glass-wool Chamber Insulation

Convenient User-friendly Design

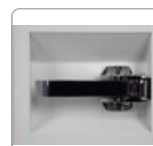
Top Located Control Panel / Adjustable Shelf Rack / Auto-tuning / Intuitive and Simple Controller (Digital & LED Indicator)

### Safety Device

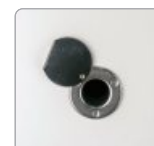
1. Electric Leakage Prevention 2. Overcurrent Prevention 3. Over-temp Prevention



Controller



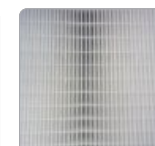
Handle



Vent Hole



Breaker & Thermostat



Hepa Filter



Shelves



Shelves Guide



Air Duct

# SJ-CLOV series (40~ 200°C) Specifications



For product improvement, the specification below is subject to change without prior notice. Please, contact us for the specification consultant.

Spec / Model	SJ-CLOV90	SJ-CLOV150
AIR CIRCULATION	Forced Convection	
MAX TEMP	Max 210°C	
OPERATION TEMP. RANGE	40°C ~ 200°C (Less than RT. 25°C)	
DIMENSION INTERNAL(mm)	450x450x450	600x500x500
DIMENSION EXTERNAL(mm)	614x850x1,015	780x892x1,240
CAPACITY	90ℓ	150ℓ
MATERIAL INTERNAL	Stainless Steel(304) With Polishing Finished	
MATERIAL EXTERNAL	Steel Plate SS #41 With Powder Heating Coated	
MATERIAL PACKING	Silicon Rubber Packing	
VENT	40Ø Vent Hole	
TEMP & TIME CONTROLLER	Digital Microprocess P.I.D. Controller	
TIME RANGE	00.00 ~ 99Hr 59Min (0r Min-Sec) Selectable Digital Timer	
HEATER CONTROL	S.S.R. (Solid State Relay)	
HEATER CAPACITY	1.2kw	2kw
POWER	220-230V~, Max 6A	220-230V~, Max 13A
SHELVES	SUS(304) Punching Plate Shelves × 2ea	
INSULATED COMPONENT	GLASS-WOOL	
MAIN FILTER	Hepa Filter 0.3μm - 99.97% Efficiency Filter	