

## Jeio Tech Natural Convection Ovens - General (ON-G Series)

**Brand:** Jeio Tech

With gravity convection technology, Jeio Tech's Natural Convection Ovens - General (ON-G Series) are specially designed for laboratory applications requiring gentle airflow.

These laboratory ovens are ideal for all sterilization, drying, and high-temperature storage tasks that do not require high drying performance or special time requirements but cannot be affected by strong airflow such as powders and foils.

### Features:

#### Performance:

- Temperature range from ambient +15°C to 250°C.
- Microprocessor PID control/temperature calibration/automatic tuning.
- Gravity flow convection for uniform sample heating. Ideal for all sterilisation, drying, and high-temperature storage tasks that do not require high drying performance or air flow.
- Adjustable dual slide vents for inner vapour circulation.

#### Convenience:

- Intuitive control panel with bright LED displays (0.1°C resolution).
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.).
- Convenient presetting function for 3 most commonly used temperature settings.
- Rounded inner chamber corners for easy cleaning and optimal air flow.
- Corrosion-resistant incolpy sheath heating element and stainless steel interior.
- Fully insulated dual-wall door with 180 degree hinges and a pull-down handle.
- Threefold tempered-glass window provides clear inside view of the chambers (optional).
- RS-232 interface for external control and data collection.

#### Safety:

- Keypad lock function prevents accidental changes during operation.
- Automatic run after power interruption.
- Over-temperature and over-current protection.
- Audible and visible open door alarms.



## Specifications:

Model(s)		ON-02G	ON-12G	ON-22G
Product Code(s)		AAH11135K	AAH11145K	AAH11155K
Chamber Volume (litres)		52	91	135
Temperature	Range (°C)	Amb. +15 to 250		
	Fluctuation at 100°C	± 0.3		
	Variation at 100°C	± 5.9	± 7.5	± 6.9
Dimensions	Internal (w x d x h)	400 x 360 x 365mm	480 x 410 x 465mm	610 x 460 x 485mm
	External (w x d x h)	577 x 542 x 760mm	657 x 592 x 870mm	785 x 642 x 897mm
	No. of Wire Shelves (standard/max.)	2/7	2/11	2/13
	Net Weight (kg)	49	59	68
Electrical Requirements (230V, 50/60Hz)		4.3A	6A	7.4A