



## 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 sterilization, drying, and high-temperature storage tasks that do not require high drying performance or airflow.
- Adjustable dual slide vents for inner vapor circulation.

## Convenience

- Intuitive control panel with bright LED displays. (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 airflow.
- Corrosion-resistant incoloy 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.

Specially designed for applications requiring gentle airflow.



## ON-22G

with optional viewing window

- Standard accessories**
- Wire shelves (2ea)
- Optional accessories**
- Tempered viewing windows
  - Perforated shelves
- see page 104

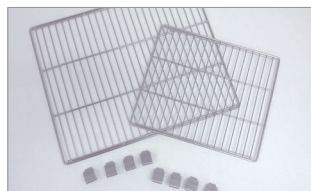
Model	ON-02G	ON-12G	ON-22G	
Chamber volume (L / cu ft)	52 / 1.8	91 / 3.2	135 / 4.8	
Temperature	Range (°C / °F)	Amb. +15 to 250 / Amb. +27 to 482		
	Fluctuation <sup>1)</sup> at 100 °C (±°C / °F)	0.3 / 0.54		
	Variation <sup>1)</sup> at 100 °C (±°C / °F)	5.9 / 10.62	7.5 / 13.5	6.9 / 12.42
Dimension (W×D×H)	Interior (mm / inch)	400×360×365 / 15.7×14.2×14.4	480×410×465 / 18.9×16.1×18.3	610×460×485 / 24×18×19
	Exterior (mm / inch)	577×542×760 / 22.7×21.3×30	657×592×870 / 25.9×23.3×34.3	785×642×897 / 30.9×25.3×35.3
	Net weight (Kg / lbs)	49 / 108	59 / 130	68 / 150
Electrical requirements (230V, 50 / 60 Hz)	4.3A	6A	7.4A	
Cat. No.	AAH11135K	AAH11145K	AAH11155K	
Electrical requirements (120V, 50 / 60 Hz)	6.7A	8.3A	10A	
Cat. No.	AAH11136U	AAH11146U	AAH11156U	

1) Technical data according to DIN 12880.

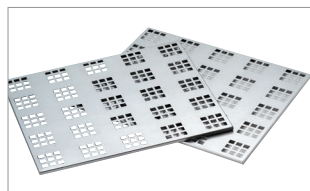
\* FDA establishment registered company. FDA listed products.

# Accessories & Options

## for Forced / Natural convection ovens



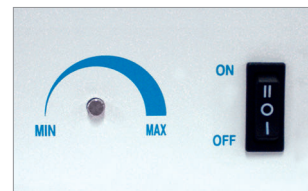
Wire shelves



Perforated shelves



Tempered viewing windows



Fan speed adjuster

### Wire shelves

Stainless steel and electro-polished shelf system is removed easily without using tools for easy cleaning.

Cat. No.	Description			Suitable for
	Included	Maximum	WxL (mm / inch)	
EDA8136	2	7	366×316 / 14.4×12.4	OF-02G/P
	4	14		OF-02G-2C
	8	28		OF-02G-4C
EDA8135	2	11	446×366 / 17.6×14.4	OF-12G/P
EDA8134	2	13	516×416 / 20.3×16.4	OF-22G/P
EDA8136	2	9	366×316 / 14.4×12.4	OF-01E, ON-01E
EDA8135	2	13	446×366 / 17.6×14.4	OF-11E, ON-11E
EDA8137	2	14	576×419 / 22.7×16.5	OF-21E, ON-21E
RTD1196	2	16	708×608 / 27.9×23.9	OF3-30/P/H/HP
	3	25		OF3-45/P/H/HP
RTD1197	3	34		OF3-75/P/H/HP
EDA8136	2	7	366×316 / 14.4×12.4	ON-02G
EDA8135	2	11	446×366 / 17.6×14.4	ON-12G
EDA8137	2	13	576×419 / 22.7×16.5	ON-22G

### Perforated shelves

Stainless steel shelf system is removed easily without using tools for easy cleaning.

Cat. No.	Description		Suitable for
	Maximum	WxL (mm / inch)	
AAA12531	7	366×316 / 14.4×12.4	OF-02G/P
	14		OF-02G-2C
	28		OF-02G-4C
AAA12532	11	446×366 / 17.6×14.4	OF-12G/P
AAA12533	13	516×416 / 20.3×16.4	OF-22G/P
AAA12531	9	366×316 / 14.4×12.4	OF-01E, ON-01E
AAA12532	13	446×366 / 17.6×14.4	OF-11E, ON-11E
AAA12535	14	576×419 / 22.7×16.5	OF-21E, ON-21E
AAA18501	16	708×608 / 27.9×23.9	OF3-30/P/H/HP
	25		OF3-45/P/H/HP
AAA18502	34		OF3-75/P/H/HP
AAA12531	7	366×316 / 14.4×12.4	ON-02G
AAA12532	11	446×366 / 17.6×14.4	ON-12G
AAA12535	13	576×419 / 22.7×16.5	ON-22G

### Tempered viewing windows

Optimized sample monitoring with threefold, tempered safety glass window. (for OF-G/P, ON-G)

Cat. No.	Description		Suitable for
	Thickness, WxL (mm / inch)		
AAA12611	5, 150×280 / 0.2, 5.9×11		OF-02G/P, ON-02G
AAA12612	5, 150×380 / 0.2, 5.9×15		OF-12G/P, 22G/P, ON-12G, 22G

### Fan speed adjuster

Adjustable inner air circulation speed, which protects spreading out powder sample. (for OF-G)

Cat. No.	Description	Suitable for
AAA12701	Analog dial control	OF-02G, 12G, 22G

### Recorders

Easy recognizable digital recorders for efficient temperature indicating.

Cat. No.	Description	Suitable for
AAA8T500	Recorder (6 point)	OF3-30/P/H/HP OF3-45/P/H/HP
AAAE1503	Recorder (thermal line type)	OF3-75/P/H/HP