



## Performance

- Temperature range from ambient +10°C to 250°C.
- Microprocessor PID control / Temperature calibration / Automatic tuning.
- Forced air convection ensures optimal air circulation, temperature uniformity, and short heat-up time.
- Fan speed control by an analog dial prevents powdered samples from blowing away. (optional)
- Adjustable dual slide vents for inner vapor 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 airflow.
- Corrosion-resistant incoloy sheath heating element and stainless steel interior.
- 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.

Superb air dispersion and uniform temperature distribution.

Provide superb drying performance especially suitable for samples with high moisture content.



## OF-22G

with optional viewing window

- Standard accessories**
- Wire shelves (2ea)
- Optional accessories**
- Tempered viewing window
  - Fan speed adjuster
  - Perforated shelves

see page 104

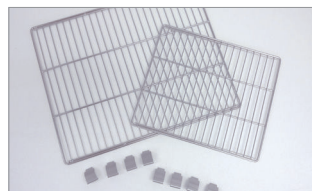
Model	OF-02G	OF-12G	OF-22G	
Chamber volume (L / cu ft)	60 / 2.1	102 / 3.6	151 / 5.3	
Temperature	Range (°C / °F)	Amb. +10 to 250 / Amb. +18 to 482		
	Fluctuation <sup>1)</sup> at 100°C (±°C / °F)	0.5 / 0.9	0.6 / 1.08	0.8 / 1.44
	Variation <sup>1)</sup> at 100°C (±°C / °F)	1 / 1.8	1.3 / 2.3	1.7 / 3.1
Dimension (WxDxH)	Interior (mm / inch)	400×360×420 / 15.7×14.2×16.5	480×410×520 / 18.9×16.1×20.5	550×460×600 / 22×18×23.6
	Exterior (mm / inch)	577×642×760 / 22.7×25.3×30	657×692×870 / 25.9×27.2×34.3	727×742×974 / 28.7×29.2×38.3
	Net weight (Kg / lbs)	53 / 117	63 / 139	72.5 / 160
Electrical requirements (230V, 50 / 60Hz)	4.4A	6.1A	7.4A	
Cat. No.	AAH12155K	AAH12165K	AAH12175K	
Electrical requirements (120V, 50 / 60Hz)	6.8A	8.4A	10.1A	
Cat. No.	AAH12156U	AAH12166U	AAH12176U	

1) Technical data according to DIN 12880.

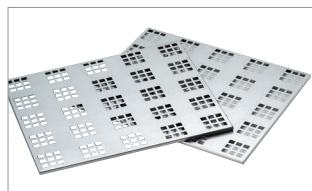
\* FDA establishment registered company. FDA listed products.

# 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