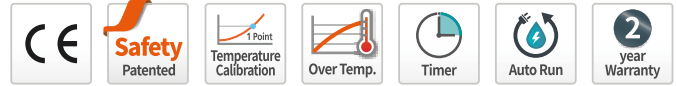


# Forced Convection Oven Economy type



## Stable oven that is faithful to the basic functions

### Structural Functional Features

- Economical model series that minimizes the purchase burden.
- Superior insulation and enclosed design minimize energy loss and reduce operating costs.
- Stainless steel interior and shelves are excellent in terms of corrosion resistance and clean maintenance.
- Two vent holes for gas discharge at the top.

### Use Convenience Features

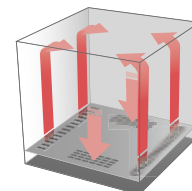
- Calibration function minimizes temperature difference.
- Optimized control with temperature auto-tuning.
- Save and use 3 frequently used temperatures.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Microprocessor PID method for precise temperature control.
- Automatic restart of operation when power is restored after sudden power failure.

### Outstanding Safety

- Top-rated overheating protection system. (registration 10-0397583)
- Over temperature limit function.
- Safety circuit design to protect against overcurrent and overheating.
- Safe surface temperature even when operating at high temperatures.
- Malfunction prevented by controller lock function.
- Self-diagnostics function to check abnormal condition of temperature sensor.



**OF-01E**  
with Wire Shelves 2ea (standard)



## Specification

Model		OF-01E	OF-11E	OF-21E
<b>Chamber volume (L / cu ft)</b>		52 / 1.8	100 / 3.5	150 / 5.3
<b>Temperature</b>	Range (°C / °F)	Amb. +10 to 220 / Amb. +18 to 428	Amb. +10 to 220 / Amb. +18 to 428	Amb. +10 to 220 / Amb. +18 to 428
	Fluctuation at 100°C (±°C / °F)	0.4 / 0.72	0.4 / 0.72	0.4 / 0.72
	Variation at 100°C (±°C / °F)	3.3 / 5.94	3.3 / 5.94	2.3 / 4.14
	Heating time to 100°C (min.)	6	6	5
	Recovery time at 100°C (min.)	1	1	1
<b>Dimension</b>	Interior (W x D x H, mm / inch)	375 x 370 x 370 / 14.8 x 14.6 x 14.6	455 x 430 x 510 / 18 x 17 x 20	585 x 460 x 555 / 23 x 18.1 x 21.9
	Exterior (W x D x H, mm / inch)	530 x 535 x 737 / 20.9 x 21.1 x 29	610 x 595 x 877 / 24 x 23.4 x 34.5	740 x 625 x 922 / 29.1 x 24.6 x 36.3
	Net weight (Kg / lbs)	36 / 79.4	47 / 103.6	59 / 130
<b>Shelves</b>	Quantity of shelves (standard/max.)	2 / 5	2 / 7	2 / 7
	Max. Load per shelf (Kg / lbs)	30 / 66.1	30 / 66.1	25 / 55.1
<b>Electrical requirements (230V, 50 / 60Hz, A)</b>		4.3	6	7.4
<b>Cat. No.</b>		<b>AAH14012K</b>	<b>AAH14022K</b>	<b>AAH14032K</b>
<b>Electrical requirements (120V, 60Hz, A)</b>		6.8	8.4	10.1
<b>Cat. No.</b>		<b>AAH14016U</b>	<b>AAH14026U</b>	<b>AAH14036U</b>

※ The lowest temperature that can be controlled depends on changes in room temperature and sample temperature. Therefore, please contact the distributor of our products before purchasing for technical consultation.

※ Technical data (according to DIN 12880, before 2013)

Accessories Page 77 Wire Shelves, Perforated Shelves