

Natural Convection Oven

Economy type



Substantial 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

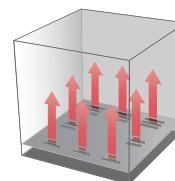
- Calibration function minimizes temperature difference.
- Optimized control with temperature auto-tuning.
- Save and use 3 frequently used temperatures.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Microprocessor PID method for precise temperature control.
- Automatic restart of operation when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

Outstanding Safety

- Top-rated overheating protection system. (registration KR 10-0397583)
- Over temperature limit function.
- Safe product surface, even when operated at maximum temperature.
- Malfunction prevented by controller lock function.
- Self-diagnostics function to check abnormal condition of temperature sensor.
- Provides notification/alarms when the door is open for an extended period of time.



ON-11E
with Wire Shelves 2ea (standard)



Specification

Model		ON-01E	ON-11E	ON-21E
Chamber volume (L / cu ft)		52 / 1.8	100 / 3.5	150 / 5.3
Temperature	Range (°C / °F)	Amb. +15 to 220 / Amb. +27 to 428	Amb. +15 to 220 / Amb. +27 to 428	Amb. +15 to 220 / Amb. +27 to 428
	Fluctuation at 100°C (±°C / °F)	0.3 / 0.54	0.4 / 0.72	0.5 / 0.9
	Variation at 100°C (±°C / °F)	6.5 / 11.7	4.1 / 7.38	7.3 / 13.14
	Heating time to 100°C (min.)	12	13	10
	Recovery time at 100°C (min.)	4	5	3
Dimension	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)	34 / 75	46 / 101.4	59 / 130
Shelves	Quantity of shelves (standard/max.)	2 / 5	2 / 7	2 / 7
	Max. Load per shelf (Kg / lbs)	30 / 66.1	30 / 66.1	30 / 66.1
Electrical requirements (230V, 50/60Hz, A)		4.3	6	7.4
Cat. No.	AAH15015K	AAH15025K	AAH15035K	
Electrical requirements (120V, 60Hz, A)		6.7	8.3	10
Cat. No.	AAH15016U	AAH15026U	AAH15036U	

※ 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)