

Ovens

Vacuum Ovens

Optimal vacuum oven with a wide temperature range for various test applications.

OV series ovens are ideal for separating solvents from solutions without using high temperature drying and for drying solvents with high boiling points in a vacuum ovens reduces the boiling point of the solvent to make drying easy.



OV-11

Included Accessories

Optional Accessories
 ➔ see page 67

- Plate shelf, 3.0mm (0.12") : 2 for OV-11 / 3 for OV-12.
- Safety cover.
- Viton gasket.
- Vacuum pumps and Oil mist trap.
- Cold trap baths and U-type glass trap.

Operating features

- From +5°C above room temperature to 250.
- Vacuum range: 0 to 0.1MPa (analog vacuum gauge)
- Microprocess PID control / Auto-tuning / Calibration.
- Digital timer: 1 min to 99 hr 59 min, delayed ON / OFF.
- Over temperature limit protection / Door opening alarm.
- Conveniently preset 3 most commonly used temperature settings without auto-tuning.
- Digital LED display (°C resolution) with touch keypads.
- RS-232 interface available.

Constructional features

- Separate vacuum and vent ports: the narrow vent line controls the vacuum rate and inert. (wider the vacuum line, the faster the vacuum is produced.)
- Tight gasket seal and push-button latch.
- Block type heater distributes heat evenly from the chamber exterior to the anodized.
- Heat tempered spring load glass door gives a tight vacuum seal and convenient for continuous monitoring of samples.
- Moderately sized oven with user-friendly all-in-one control panel.
- Upon request available with Viton fluorine rubber door gasket. (optional)

Specifications & Ordering Informations



Model		OV-11	OV-12
Chamber volume (L / cu ft)		28 / 1.0	65 / 2.3
Vacuum range		0~0.1MPa, Analog	
Nozzle size (mm / inch)		Vacuum Ø10 / 0.4, Vent Ø10 / 0.4	
Temperature	Range (°C / °F)	Amb. +5 to 250 / Amb. +9 to 482	
	Fluctuation ¹⁾ (±°C / °F) at 100 °C	0.1 / 0.18	0.3 / 0.54
	Variation ¹⁾ (±°C / °F) at 100 °C	3.7 / 6.66	
Dimension (WxDxH)	Interior (mm / inch)	302x305x302 / 11.9x12x11.9	402x405x402 / 15.8x15.9x15.8
	Exterior (mm / inch)	680x453x495 / 26.8x17.8x19.5	780x557x595 / 15.8x15.9x15.8
	Net weight (Kg / lbs)	63 / 139	103 / 227
Electrical Requirements (120V, 50 / 60 Hz)		5.3A	6.1A
Cat. No.		AAH13115K	AAH13125K
Electrical Requirements (230V, 50 / 60 Hz)		10A	11.7A
Cat. No.		AAH13116U	AAH13126U

¹⁾ Technical data. (according to DIN 12880)



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

