

Optimal vacuum oven with wide temperature range for various test applications



OV-11

OV series is ideal for separating a solvent from a solution without high temperature drying on a phase of the substance containing humidity or other solvents. Also, for drying solvent with high boiling point because vacuum condition makes boiling points be low to dry solvent easily.

Operating features

+5°C above room temperature to 250°C

Vacuum range: 0 to 0.1MPa, analog gauge

Microprocess PID control/ Auto-tuning/ Calibration

Digital timer: 1 min to 99 hr 59 min, delayed ON/ OFF

Over-temperature limiter/ Door opening alarm

3 different temperature values memorable without auto tuning

Digital LED display (1°C resolution) with touch-sensitive keypads

RS-232 interface available

Constructional features

Separately equipped vacuum and vent ports the narrow vent line to control vacuum rate and inert atmospheres slowly/ the wider vacuum line to produce a vacuum quickly

Tight seal at a vacuum level by equipped door gasket and a push-button latch

Block type heaters heat the chamber evenly and good transmission by anodized aluminum plate shelf

Heat-tempered full view window permits continuous monitoring

Excellent space efficiency and user-friendly all-in-one type operating panel

Available very persistent Viton (Fluorine rubber) door gasket upon request (optional)

Parto

Shar

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 ϕ 10 / 0.4, Vent ϕ 10/0.4	
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	Interior dimensions (W×D×H) (mm / inch)	302×305×302 / 11.9×12×11.9	402×405×402 / 15.8×15.9×15.8
	Exterior dimensions (W×D×H) (mm / inch)	680×453×495 / 26.8×17.8×19.5	780×557×595 / 15.8×15.9×15.8
	Net weight (Kg / lbs)	63 / 139	103 / 227
Electrical Requirements (120V)		50 / 60Hz, 5.3A	50 / 60Hz, 6.1A
Cat. No.		AAH13115K	AAH13125K
Electrical Requirements (230V)		50 / 60Hz, 10A	50 / 60Hz, 11.7A
Cat. No.		AAH13116U	AAH13126U

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