

# Cole-Parmer®

## Cole-Parmer® Botanical Vacuum Ovens

- Process botanical extract faster and safer
- Oil-filled mechanical vacuum gauge offers accurate reading and longer operational life
- PID temperature controller provides accurate and reliable heating
- Built-in alarm alerts when oven shuts down for safety
- Rounded inner chamber corners offer easy cleaning
- Stainless steel inner chamber and powder-coated steel plate exterior resist corrosion for longer lifetime



[coleparmer.com](http://coleparmer.com)

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# Cole-Parmer® Botanical Vacuum Ovens

Stainless steel internal tubing and compression fittings provide a higher ultimate vacuum ideal for botanicals and cannabis applications. Stainless steel vacuum and vent valves give you a cleaner connection, more accurate control, and long-term durability.

The 25- and 50-L models feature five-sided jacketed heating for effective heat dispensing. The 90- and 216-L models feature four heated shelves, individually monitored by the temperature controller, for uniform temperature to each shelf.

The ovens have an adjustable gas back fill capability with needle valve and vent port along with a KF25 vacuum and barbed purge port. Each unit includes stainless steel shelves, connecting vacuum pipes, and wrench; additional non-heated shelves can be ordered separately.

## Specifications

**Temperature resolution:** 0.1°C (0.1°F)

**Temperature uniformity:** ±10%

**Temperature stability:** ±0.1°C (±1.8°F)

**Temperature display:** LCD

**Timer range:** 0 to 99 hrs, 59 mins

**Vacuum range:** 0 to 29.9" Hg (133 Pa)

**Vacuum display:** dial gauge



Capacity cu ft (L)	Temperature range	Rise time to 100 °C	No. of shelves included	No. of shelf positions	Dimensions (W x H x D)		Power			Oven item number
					Chamber	Overall	VAC	Hz	Watts	
0.88 (25)	10°C above ambient to 100°C (50 to 212°F)	90 mins	4	8	11.8" x 10.8" x 11.8"	23.8" x 17.7" x 19.3"	120	60	550	ML-52411-22
					(30 x 27.5 x 30 cm)	(60.5 x 45 x 49 cm)	220	50/60		ML-52411-23
1.7 (50)	10°C above ambient to 100°C (50 to 212°F)	80 mins	6	11	16.3" x 13.5" x 14.5"	28.75" x 21.6" x 22"	120	60	650	ML-52411-24
					(41.5 x 34.5 x 37 cm)	(73 x 55 x 56 cm)	220	50/60		ML-52411-25
3 (90)	10°C above ambient to 200°C (50 to 392°F)	80 mins	4 (heated)	—	17.7" x 17.7" x 17.7"	29" x 23.2" x 24"	120	60	1050	ML-52411-26
					(45 x 45 x 45 cm)	(74 x 59.1 x 61 cm)	220	50/60		ML-52411-27
7.6 (216)	10°C above ambient to 200°C (50 to 392°F)	80 mins	4 (heated)	—	23.6" x 23.6" x 23.6"	35" x 29.2" x 30"	120	60	1960	ML-52411-28
					(60 x 60 x 60 cm)	(89 x 74.1 x 76 cm)	220	50/60		ML-52411-29

**ML-52411-49 Additional stainless steel shelf** for 0.88 cu ft (25 L) oven

**ML-52411-50 Additional stainless steel shelf** for 1.7 cu ft (50 L) oven

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