

Technical datasheet

Shelf-Heated Vacuum Drying Oven Series

Vacuum drying ovens with heated, fixed shelves and stainless steel chambers from 30 to 430 L. Select the model by chamber size and shelf arrangement.



Representative two-shelf configuration. Shelf count, controls and dimensions depend on the selected model and configuration.

Key features

- Heated shelves; shelves are not removable
- LCD temperature/timer controller
- Double-glazed door and overtemperature alarm

Standard Configuration

Stainless steel chamber, heated fixed shelves, LCD temperature/timer control, overtemperature alarm, silicone door seal and double-glazed observation door. Shelf counts and spacing are model-specific.

Optional Accessories

Confirm independent control of each heating layer when requesting a quote. A vacuum pump and connection accessories are not specified as supplied.

Technical Information

Parameter	Value
Temperature range	Ambient +10 to 250 °C
Temperature fluctuation	±1 °C
Ultimate vacuum	133 Pa
Timer range	0-9999 min
Heating method	Heated shelves

Model	Chamber volume (L)	Input power (W)	Electrical supply
PT-VDO-003	30	400	220 V ±10 V 50-60 Hz
PT-VDO-004	53	900	220 V ±10 V 50-60 Hz
PT-VDO-005	100	1500	220 V ±10 V 50-60 Hz
PT-VDO-006	250	2400	220 V ±10 V 50-60 Hz
PT-VDO-007	430	4000	380 V ±10 V 50-60 Hz

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-VDO-003	320 × 320 × 300	480 × 530 × 615
PT-VDO-004	415 × 370 × 345	575 × 550 × 675
PT-VDO-005	450 × 500 × 450	620 × 640 × 780
PT-VDO-006	600 × 600 × 700	770 × 780 × 1030
PT-VDO-007	630 × 810 × 845	800 × 990 × 1175

Model	Supplied shelves	Shelf spacing (mm)
PT-VDO-003	1	240
PT-VDO-004	2	125
PT-VDO-005	2	180
PT-VDO-006	3	200
PT-VDO-007	4	175

Selection / Ordering Information

Specify the model, sample or application, working temperature and required shelf arrangement. Confirm electrical supply and the final configuration before ordering.