

## Heating oven with mechanical control

With a BINDER E series heating oven, you obtain a reliable and powerful unit in a solid configuration at a very attractive price. This heating oven is preferred for tasks in basic research, as well as in human and veterinary medicine.



### Advantages:

- Reliable powerful drying oven
- Very attractive price
- Quality "Made in Germany"

### Areas of application:



Basic Research / Research Institutes



Human / Veterinary Medicine



Clinics / University Hospitals

## Features

Reliable powerful drying oven

## Customer benefits

- Very attractive price

## Characteristics

- Quality "Made in Germany"
- Long service life

- Temperature range 60 °C (140 °F) to 230 °C (446 °F)
- Robust, space-saving small unit with hydraulic-mechanical control and adjustable ventilation
- Hydro-mechanical thermostat
- Timer 0 to 120 min
- Optional independent temperature safety device class 1 (DIN 12880)
- 2 chrome-plated racks included
- Units are stackable
- BINDER test confirmation

**E 28**

▶ Exterior dimensions	
Width (mm)	580
Height (incl. feet) (mm)	405
Depth (mm)	425
Plus door handle, I-panel, connection (mm)	50
Wall clearance, rear (mm)	100
Wall clearance, side (mm)	160
Number of doors (ea.)	1

▶ Interior dimensions	
Width (mm)	400
Height (mm)	280
Depth (mm)	250
Interior volume (l)	28
Racks (number standard/max.)	2 / 4
Load per rack (kg)	10
Permitted total load (kg)	25
Weight (empty) (kg)	22

▶ Temperature data	
Temperature range approx. 5 °C above ambient temperature to (°C)	60 - 230
Temperature variation at 70 °C (± K) 1)	3
Temperature fluctuation at 70 °C (± K)	1,5
Warm-up time 2)	
at 70 °C (min.)	28
at 150 °C (min.)	36
Recovery time after doors were open for 30 sec. 2)	
at 70 °C (min.)	11
at 150 °C (min.)	19
Ventilation data	
Ventilation at 70 °C (x/h)	30

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▶ Electrical data	
IP protection class acc. to EN 60529	IP 20
Voltage ( $\pm 10\%$ ) 50 / 60 Hz (V)	230
Nominal power (kW)	0,8

1) without a viewing window

2) To 98% of the set value

All technical data are specified for units with standard equipment at an ambient temperature of 25 °C and a line voltage fluctuation of  $\pm 10\%$ . The temperature data is determined in accordance to factory standard following DIN 12880, respecting the recommended wall clearances of 10% of the height, width and depth of the inner chamber. All figures are typical average values for series devices. We reserve the right to alter technical specifications at any time.

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Rack, chrome-plated	<input type="radio"/>
Shelf, perforated, stainless steel	<input type="radio"/>