

### Heating oven with mechanical control

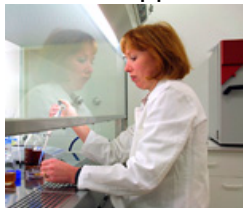
With a BINDER E series heating oven, you obtain a reliable and powerful unit in a solid configuration at a very attractive price. This heating oven is preferred for tasks in basic research, as well as in human and veterinary medicine.



#### Advantages:

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

#### Areas of application:



Basic Research / Research Institutes



Human / Veterinary Medicine



Clinics / University Hospitals

## Features

Reliable powerful heating oven

## Customer benefits

- Very attractive price

## Characteristics

- Quality "Made in Germany"
- Long service life

- Temperature range 60 °C (140 °F) up to 230 °C
- 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 technical specification conformance certificate

## E 28

▶ Exterior dimensions	
Width (mm/inch)	580 / 22.8
Height (incl. feet) (mm/inch)	405 / 15.9
Depth (mm/inch)	425 / 16.7
Plus door handle, I-panel, connection (mm/inch)	50 / 2.0
Wall clearance, rear (mm/inch)	100 / 3.9
Wall clearance, side (mm/inch)	160 / 6.3
Number of doors (ea.)	1

▶ Interior dimensions	
Width (mm/inch)	400 / 15.8
Height (mm/inch)	280 / 11.0
Depth (mm/inch)	250 / 9.8
Interior volume (l/cu.ft.)	28 / 1.0
Racks (number standard/max.)	2 / 4
Load per rack (kg/lbs.)	10 / 22
Permitted total load (kg/lbs.)	25 / 55
Weight (empty) (kg/lbs.)	22 / 49

▶ Temperature data	
Temperature range approx. 5 °C (41 °F) above ambient temperature to (°C/°F)	60 - 230 / 140 - 446
Temperature variation at 70 °C (158 °F) (± K)	3
Temperature fluctuation at 70 °C (158 °F) (± K)	1.5
Warm-up time 1)	
at 70 °C (158 °F) (min.)	28
at 150 °C (302 °F) (min.)	36
Recovery time after doors were open for 30 sec. 1)	
at 70 °C (158 °F) (min.)	11
at 150 °C (302 °F) (min.)	19
Ventilation data	
Ventilation at 70 °C (158 °F) (x/h)	30

## E 28

▶ Electrical data	
IP protection class acc. to EN 60529	IP 20
Voltage (± 10%) 50 / 60 Hz (V)	230
Voltage (±10 %) 60 Hz (V)	115
Nominal power (kW)	0.8

1) To 98% of the set value

All technical data are specified for units with standard equipment at an ambient temperature of 25 °C (77 °F) and a line voltage fluctuation of ±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.

## E 28

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