

## Model B 28 | Standard-Incubators with mechanical adjustment

With the B series incubator, you get a reliable and powerful unit in a solid configuration at a very attractive price.

### BENEFITS

- Safe and reproducible results even under high batch throughputs in long-term operation
- Inner glass door for a stable atmosphere



Model 28



Model 28

### IMPORTANT FEATURES

- Temperature range: +30 °C to +70 °C
- Hydro-mechanical thermostat
- Class 1 temperature limitation device
- Inner door made of tempered safety glass
- 2 chrome-plated racks

### ORDERING INFORMATION

| Interior volume<br>[L] | Power supply - unit fuse | Plug*     | Version  | Model version | Art.-No.  |
|------------------------|--------------------------|-----------|----------|---------------|-----------|
| <b>Model B 28</b>      |                          |           |          |               |           |
| 28                     | 120 V 1~ 60 Hz -6,3 A    | NEMA 5-15 | Standard | B028-120V     | 9010-0067 |
|                        | 230 V 1~ 50/60 Hz -6,3 A | CEE 7/7   | Standard | B028-230V     | 9010-0002 |

## TECHNICAL DATA

| Data  |            |            |
|---|------------|------------|
| Designation   | B028-230V  | B028-120V  |
| Article Number  | 9010-0002  | 9010-0067  |
| Option model  | Standard   | Standard   |
| Performance Data Temperature                          |            |            |
| Temperature range                                     | 30...70 °C | 30...70 °C |
| Temperature uniformity at 37°C                        | 1.5 ± K    | 1.5 ± K    |
| Temperature fluctuation at 37°C                       | 1.0 ± K    | 1.0 ± K    |
| Heating up time to 37°C                               | 95 min     | 95 min     |
| Electrical data                                       |            |            |
| Rated Voltage   | 230 V      | 120 V      |
| Power frequency                                       | 50/60 Hz   | 60 Hz      |
| Nominal power   | 0,25 kW    | 0,25 kW    |
| Unit fuse   | 6,3 A      | 6,3 A      |
| Phase (Nominal voltage)                               | 1~         | 1~         |
| Dimensions and weights                                |            |            |
| Interior volume                                       | 28 L       | 28 L       |
| Net weight of the unit (empty)                        | 23 kg      | 23 kg      |
| Load per rack   | 10 kg      | 10 kg      |
| Permitted load  | 25 kg      | 25 kg      |
| Wall clearance back                                   | 160 mm     | 160 mm     |
| Wall clearance sidewise                               | 100 mm     | 100 mm     |
| Housing dimensions not incl. fittings and connections |            |            |
| Width net   | 580 mm     | 580 mm     |
| Height net  | 405 mm     | 405 mm     |
| Depth net   | 425 mm     | 425 mm     |
| Internal Dimensions                                   |            |            |
| Interior width  | 400 mm     | 400 mm     |
| Interior height                                       | 280 mm     | 280 mm     |
| Interior depth  | 250 mm     | 250 mm     |

Unit doors

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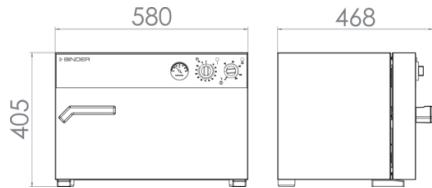
**Fixtures**

Number of shelves (std./max.)

2/4

2/4

All technical data is specified for unloaded units with standard equipment at an ambient temperature of  $+22\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$  and a power supply voltage fluctuation of  $\pm 10\%$ . The temperature data is determined in accordance to BINDER factory standard following DIN 12880, observing the recommended wall clearances of 10 % of the height, width, and depth of the inner chamber. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.

**DIMENSIONS Incl. fittings and connections [mm]****OPTIONS**

| Designation                          | Description   | B 28 | * | Art.-No.  |
|--------------------------------------|---|------|---|-----------|
| Calibration certificate, expanded    | for temperature; for extending the measurement in center of chamber to include another test temperature | •    | - | 8012-0022 |
| Calibration certificate, temperature | for temperature, measurement in center of chamber at specified temperature                              | •    | - | 8012-0030 |

**ACCESSORIES**

| Designation          | Description  | B 28 | * | Art.-No.  |
|----------------------|--|------|---|-----------|
| pH-neutral detergent | concentrated, for gentle remove of residual contaminants; 1 kg | •    | - | 8012-2250 |
| Rack                 | chrome plated  | •    | - | 8012-2032 |
| Rubber pads          | set anti-slip feet   | •    | - | 8012-0702 |
| Shelf, perforated    | Stainless steel  | •    | - | 8012-2160 |

**SERVICES**

| Designation                          | Description  | *  | Art.-No.  |
|--------------------------------------|--|----|-----------|
| <b>Calibration services</b>          |  |    |           |
| Calibration certificate, temperature | Calibration of one (1) test temperature specified by the user in center of chamber, including certificate  | 05 | DL30-0110 |
| <b>Installation services</b>         |  |    |           |
| Unit commissioning                   | Connect the unit to the customer-side connections (electricity, water, wastewater, gas), basic functions check, brief operating instructions. (excl.: unpacking, setup, controller instructions, programming, installation work) | 05 | DL10-0160 |

| Designation                               | Description   | *  | Art.-No.  |
|---|---|----|-----------|
| Unit instructions                         | Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming   | 05 | DL10-0540 |
| <b>Maintenance contracts</b>              |   |    |           |
| BRONZE 3-year maintenance contract        | Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts  | 05 | DL20-0720 |
| <b>GOLD 3-year maintenance contract</b>   |   |    |           |
|   | Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, replacement of wear parts, calibration of one test temperature specified by the user in the center of the usable space, including certificate | 05 | DL20-0915 |
| <b>SILVER 3-year maintenance contract</b> |   |    |           |
|   | Maintenance service as contractually agreed, visual inspection of mechanical and electrical components, check of control response, 20% discount on spare parts, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate                              | 05 | DL20-0815 |
| <b>Maintenance services</b>               |   |    |           |
| Maintenance                               | One-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, testing of all key functions. Calibration of a test temperature specified by the user in center of usable space without certificate   | 05 | DL20-0601 |
| <b>Warranty service</b>                   |   |    |           |
| 1-year warranty extension                 | The warranty is extended by 1 year from the delivery date, wear parts are excluded  | 05 | DL50-0010 |

**NOTES**

05 Quoted prices do not include travel costs. Please refer to the chapter on BINDER Service for travel costs for your region. Quoted prices for services performed in Switzerland do not include a country-specific added fee (available on request).

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