

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

MAIN FEATURES

- Temperature range: 30 °C to 70 °C
- Hydro-mechanical thermostat
- Inner door made of tempered safety glass
- 2 chrome-plated racks
- stackable

ORDERING INFORMATION

| Interior volume [L] | Voltage | Option model | Version | Art.-No. |
|---------------------|----------------------|--------------|-----------|-----------|
| 28 | 230 V 1~ ph 50/60 Hz | Standard | B028-230V | 9010-0002 |
| | 120 V 1~ ph 60 Hz | Standard | B028-120V | 9010-0067 |

TECHNICAL DATA

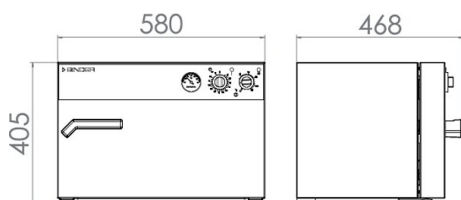
| Description | B028-230V ¹ | B028-120V ¹ |
|--|------------------------|------------------------|
| Article Number | 9010-0002 | 9010-0067 |
| Performance Data Temperature | | |
| Temperature range [°C] | 30...70 | 30...70 |
| Temperature variation at 37 °C [± K] | 1.5 | 1.5 |
| Temperature fluctuation at 37 °C [± K] | 1 | 1 |
| Heating-up time to 37 °C [min] | 95 | 95 |
| Electrical data | | |
| Rated Voltage [V] | 230 | 120 |
| Power frequency [Hz] | 50/60 | 60 |
| Nominal power [kW] | 0.25 | 0.25 |
| Phase (Nominal voltage) | 1~ | 1~ |

1 All technical data is specified for unloaded units with standard equipment at an ambient temperature of +22 °C ±3 °C and a power supply voltage fluctuation of ±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.

| Description | Bo28-230V ¹ | Bo28-120V ¹ |
|--|------------------------|------------------------|
| Article Number | 9010-0002 | 9010-0067 |
| Measures | | |
| Interior volume [L] | 28 | 28 |
| Net weight of the unit (empty) [kg] | 23 | 23 |
| Permitted load [kg] | 25 | 25 |
| Load per rack [kg] | 10 | 10 |
| Wall clearance back [mm] | 160 | 160 |
| Wall clearance sidewise [mm] | 100 | 100 |
| Internal Dimensions | | |
| Width [mm] | 400 | 400 |
| Height [mm] | 280 | 280 |
| Depth [mm] | 250 | 250 |
| Doors | | |
| Unit doors | 1 | 1 |
| Housing dimensions not incl. fittings and connections | | |
| Width net [mm] | 580 | 580 |
| Height net [mm] | 405 | 405 |
| Depth net [mm] | 425 | 425 |
| Fixtures | | |
| Number of shelves (std./max.) | 2/4 | 2/4 |

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DIMENSIONS incl. fittings and connections [mm]



OPTIONS

| Designation | Description | * | 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 |

* Notes › See last page

ACCESSORIES

| Designation | Description | * | Art.-No. |
|-----------------------------|--|---|-----------|
| pH-neutral detergent | concentrated, for gentle remove of residual contaminants; 1 kg | - | 1002-0016 |
| Rack | chrome plated | - | 8012-2032 |
| Rubber pads | set anti-slip feet | - | 8012-0702 |
| Shelf, perforated | Stainless steel | - | 6004-0028 |

* Notes › See last page

SERVICES

| Designation | Description | * | Art.-No. |
|--------------------------------------|---|---------------|-----------|
| Installation services | | | |
| 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 | DL10-0100 |
| Unit instructions | Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming | 05 | DL10-0500 |
| Maintenance contracts | | | |
| Maintenance services | | | |
| 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 | DL20-0710 |
| GOLD 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, 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 | DL20-0910 |
| 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 | DL20-0200 |
| SILVER 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, testing of all key functions, calibration of one test temperature specified by the user in the center of the usable space, without certificate | 05 | DL20-0810 |
| Calibration services | | | |
| Calibration certificate, temperature | Calibration of one (1) test temperature specified by the user in center of chamber, including certificate | 03, 04, 05 | DL30-0101 |
| | Extension of calibration of one (1) additional test temperature specified by the user in the center of the usable space, including certificate | 03, 04, 05 | DL30-0102 |
| Warranty service | | | |
| 1-year warranty extension | The warranty is extended by 1 year from the delivery date, wear parts are excluded | - | DL50-0010 |

* Notes › See last page

NOTES

- 01 Condensation may occur in the area around the access port. Access ports may be placed in custom locations for an additional charge.
- 02 UL mark is not granted when this option is used.
- 03 Sensor calibration is performed in an accredited calibration laboratory.
- 04 Calibration is performed according to the BINDER factory standard.
- 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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