

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
		with TB class 1	B028-230V-T	9010-0004
	120 V 1~ ph 60 Hz	Standard	B028-120V	9010-0067

TECHNICAL DATA

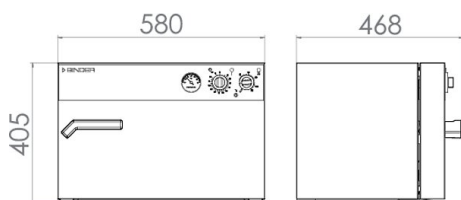
Description	B028-230V ¹	B028-230V-T ¹	B028-120V ¹
Article Number	9010-0002	9010-0004	9010-0067
Performance Data Temperature			
Temperature range	30...70	30...70	30...70
Temperature variation at 37 °C [± K]	1.5	1.5	1.5
Temperature fluctuation at 37 °C [± K]	1	1	1
Heating-up time to 37 °C [min]	95	95	95
Electrical data			
Rated Voltage [V]	230	230	120
Power frequency [Hz]	50/60	50/60	60
Nominal power [kW]	0.25	0.25	0.25
Phase (Nominal voltage)	1~	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	B028-230V ¹	B028-230V-T ¹	B028-120V ¹
Article Number	9010-0002	9010-0004	9010-0067
Measures			
Interior volume [L]	28	28	28
Net weight of the unit (empty) [kg]	23	23	23
Permitted load [kg]	25	25	25
Load per rack [kg]	10	10	10
Wall clearance back [mm]	160	160	160
Wall clearance sidewise [mm]	100	100	100
Internal Dimensions			
Width [mm]	400	400	400
Height [mm]	280	280	280
Depth [mm]	250	250	250
Doors			
Unit doors	1	1	1
Housing dimensions not incl. fittings and connections			
Width net [mm]	580	580	580
Height net [mm]	405	405	405
Depth net [mm]	425	425	425
Fixtures			
Number of shelves (std./max.)	2/4	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	-	6004-0001
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 installation	Unpacking and setting up of unit, connecting to existing connections, and checking function	13, 18	DL10-0100
Unit instructions	Unit function instructions for operation and programming of the controller	18	DL10-0500
Preventive maintenance			
Maintenance	Functional testing of all electrical and mechanical components, short calibration, documentation in the maintenance schedule	14, 18	DL20-0200
Calibration services			
Temperature calibration	Expansion – including certificate, each additional measuring point in center of chamber at specified test temperature	14, 16, 17, 18	DL30-0102
	Temperature calibration with 1 measuring point in center of chamber at a specified test temperature, including certificate	14, 16, 17, 18	DL30-0101
Warranty service			
Extension of the warranty from 2 to 3 years	beginning with the date of delivery, wearing parts are not included	–	DL02-7041
Extension of the warranty from 2 to 5 years	beginning with the date of delivery, wearing parts are not included	–	DL02-7042

* 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 Heat resistant only to max. 200 °C.
- 04 Only available on units rated for 230 V.
- 07 The additional heat input may affect the temperature behavior.
- 09 Not in conjunction with the optional access port, door with window and interior lighting.
- 10 Not available on 23-liter units.
- 11 Not available on 23- or 53-liter units.
- 12 Only available on units rated for 230 V or 400 V.
- 13 Installation and connections take place at unit location; transport within the company only upon consultation.
- 14 We recommend a BINDER service contract to cover unit inspections, calibrations and validations.
- 15 OQ according to Yellow Paper = completed factory validation documentation of all OQ checklists.
- 16 Sensor calibration is performed in an accredited calibration laboratory.
- 17 Calibration is performed according to the BINDER factory standard.
- 18 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).
- 19 For additional accessories, refer to the Process documentation chapter.

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