

# 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 [cu.ft.]	Voltage	Option model	Version	Art.-No.
1	230 V 1~ 50/60 Hz	Standard	B028-230V	9010-0002
		with TB class 1	B028-230V-T	9010-0004
	120 V 1~ 60 Hz	Standard	B028-120V	9010-0067

## TECHNICAL DATA

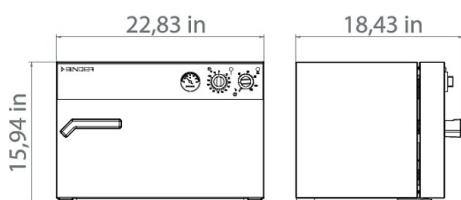
Description	B028-230V <sup>1</sup>	B028-230V-T <sup>1</sup>	B028-120V <sup>1</sup>
<b>Article Number</b>	<b>9010-0002</b>	<b>9010-0004</b>	<b>9010-0067</b>
<b>Performance Data Temperature</b>			
Temperature range	30...70	30...70	30...70
Temperature variation at 37 °C [± K]	1.5	1.5	1.5
Temperature fluctuation at 37 °C [± K]	1	1	1
Heating-up time to 37 °C [min]	95	95	95
<b>Electrical data</b>			
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~

<sup>1</sup> 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 <sup>1</sup>	B028-230V-T <sup>1</sup>	B028-120V <sup>1</sup>
Article Number	9010-0002	9010-0004	9010-0067
<b>Measures</b>			
Interior volume [cu.ft.]	1	1	1
Net weight of the unit (empty) [lbs]	51	51	51
Permitted load [lbs]	55	55	55
Load per rack [lbs]	22	22	22
Wall clearance back [in]	6.3	6.3	6.3
Wall clearance sidewise [in]	3.94	3.94	3.94
<b>Internal Dimensions</b>			
Width [in]	15.76	15.76	15.76
Height [in]	11.03	11.03	11.03
Depth [in]	9.85	9.85	9.85
<b>Doors</b>			
Unit doors	1	1	1
<b>Housing dimensions not incl. fittings and connections</b>			
Width net [in]	22.85	22.85	22.85
Height net [in]	15.96	15.96	15.96
Depth net [in]	16.74	16.74	16.74
<b>Fixtures</b>			
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.
Options/Accessories	for temperature; for extending the measurement in center of chamber to include another test temperature	-	8012-0022
	Measurement in center of chamber at specified temperature	-	8012-0030

\* Notes › See last page

## ACCESSORIES

Designation	Description	*	Art.-No.
Options/Accessories	chrome plated	-	6004-0001
	Stainless steel	-	6004-0028
	concentrated, for gentle remove of residual contaminants; 1 kg	-	1002-0016
	set of 4 anti-slip feet, for safe stacking of units	-	8012-0702

\* Notes › See last page

## SERVICES

Designation	Description	*	Art.-No.
<b>Installation services</b>			
Services	Unit function instructions for operation and programming of the controller	18	DL10-0500
	Unpacking and setting up of unit, connecting to existing connections, and checking function	13, 18	DL10-0100
<b>Preventive maintenance</b>			
Services	Executive of equipment inspection according to maintenance plan	14, 18	DL20-0200
<b>Calibration services</b>			
Services	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
<b>Warranty service</b>			
Services	The warranty is extended from 2 to 3 years from the delivery date, wear parts are excluded	–	DL02-7041
	The warranty is extended from 2 to 5 years from the delivery date, wear parts are excluded	–	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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