

# 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

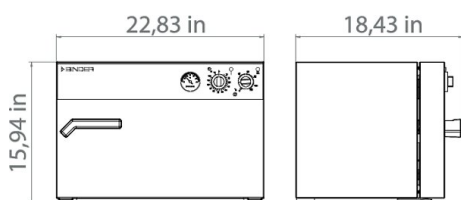
Description	B028-230V <sup>1</sup>	B028-230V-T <sup>1</sup>	B028-120V <sup>1</sup>
<b>Article Number</b>	<b>9010-0002</b>	<b>9010-0004</b>	<b>9010-0067</b>
<b>Performance Data Temperature</b>			
Temperature range	30...70	30...70	30...70
Temperature variation at 37 °C [± K]	1.5	1.5	1.5
Temperature fluctuation 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	Bo28-230V <sup>1</sup>	Bo28-230V-T <sup>1</sup>	Bo28-120V <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

- 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.

## 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.
<b>Installation services</b>			
Unit installation	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
<b>Maintenance services</b>			
Maintenance	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 chamber without certificate	05	DL20-0200
<b>Calibration services</b>			
Temperature calibration	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
<b>Warranty service</b>			
Warranty extension from 2 to 3 years	The warranty is extended from 2 to 3 years from the delivery date, wear parts are excluded	–	DL02-7041
Warranty extension from 2 to 5 years	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 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).

**BINDER GmbH**

Tuttlingen, Germany  
TEL +49 7462 2005 0  
FAX +49 7462 2005 100  
info@binder-world.com  
www.binder-world.com

**BINDER Asia Pacific (Hong Kong) Ltd.**

Kowloon, Hong Kong, P.R. China  
TEL +852 39070500  
FAX +852 39070507  
asia@binder-world.com  
www.binder-world.com

**Representative Office for CIS**

Moscow, Russia  
TEL +7 495 988 15 16  
FAX +7 495 988 15 17  
russia@binder-world.com  
www.binder-world.com

**BINDER Environmental Testing  
Equipment (Shanghai) Co., Ltd.**

Shanghai, P.R. China  
TEL +86 21 685 808 25  
FAX +86 21 685 808 29  
china@binder-world.com  
www.binder-world.com

**BINDER Inc.**

Bohemia, NY, USA  
TEL +1 631 224 4340  
FAX +1 631 224 4354  
usa@binder-world.com  
www.binder-world.us