



BINDER

Model KB 240 | Cooling incubators with compressor technology

The powerful virtuoso in cooling incubators for microorganisms: the KB masters temperature ranges from -5 °C to 100 °C. The new KB series consumes up to 30% less energy compared to its predecessor. With its extensive programming options and homogenous incubation conditions even when fully loaded, this cooling incubator covers a wide range of applications.

BENEFITS

- Safe, reproducible incubation, even at high ambient temperatures
- Disinfection routine at 100 °C
- Up to 30% lower energy consumption compared to the previous model



Model 240



Model 240

MAIN FEATURES

- Temperature range: -5 °C to 100 °C
- APT.line™ preheating chamber technology
- Up to 30% lower energy consumption compared to the previous model
- Cooling with compressor cooling unit
- Door heating
- Adjustable fan speed
- Controller with time-segment and real-time programming
- Inner door made of tempered safety glass
- 2 stainless steel racks
- 4 casters, two with locking brakes
- Access port with silicone plug, 30 mm, left
- Class 3.1 independent temperature safety device (DIN 12880) with visual and acoustic alarm
- Computer interface: Ethernet

ORDERING INFORMATION

Interior volume [L]	Voltage	Option model	Version	Art.-No.
Model KB 240				
247	200...240 V 1~ ph 50 Hz	Standard	KB240-230V	9020-0202
	100...120 V 1~ ph 60 Hz	Standard	KB240UL-120V	9020-0304



Handing ApS™
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Varmeskab Binder type KB 240

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Alle mål i mm.
 All measures in mm.

Lager nr. /LH

D1106



BINDER

TECHNICAL DATA

Description	KB240-230V ¹
Article Number	9020-0202
Performance Data Temperature	
Temperature range [°C]	-5...100
Temperature variation at 37 °C [± K]	0.2
Temperature fluctuation at 37 °C [± K]	0.1
Recovery time after 30 seconds door open at 37 °C [min]	2
Electrical data	
Rated Voltage [V]	200...240
Power frequency [Hz]	50
Nominal power [kW]	1.2
Unit fuse [A]	16
Phase (Nominal voltage)	1~
Measures	
Interior volume [L]	247
Net weight of the unit (empty) [kg]	171
permitted load [kg]	100
Load per rack [kg]	30
Wall clearance back [mm]	100
Wall clearance sidewise [mm]	100
Doors	
Inner doors	1
Unit doors	1
Internal Dimensions	
Depth [mm]	485
Height [mm]	785
Width [mm]	650
Housing dimensions not incl. fittings and connections	
Width net [mm]	925
Height net [mm]	1465
Depth net [mm]	800
Environment-specific data	
Energy consumption at 37 °C [Wh/h]	270
Sound-pressure level [dB(A)]	53
Fixtures	
Number of shelves (std./max.)	2/9

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. Technical data refers to 100 % fan speed. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.



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