BINDER
Best conditions for your success

Cooling incubators with environmentally friendly thermoelectric cooling - economical and ecological



Model KB ECO 400
Sizes: 247 L, 400 L, 700 L, 1020 L

Series KB ECO
Thanks to thermoelectric cooling technology with patented heat dissipation, the new KB ECO cooling incubator is one of the most energy-efficient cooling incubator on the market.
The thermoelectric cooling technology means the KB ECO series is also very quiet during operation.

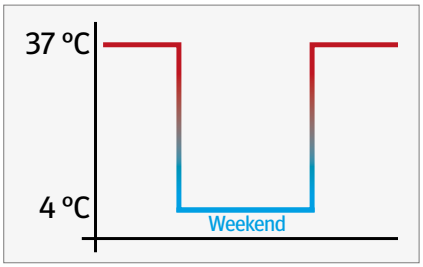
- Temperature range: 0 °C to +70 °C (max. 26 °C below the ambient temperature)
- APT.line™ preheating chamber technology
- Electric temperature control thanks to thermoelectric cooling module with innovative heat dissipation
- Inner door made of tempered safety glass
- Inner chamber made completely of stainless steel
- 2 stainless steel racks
- Adjustable condensate protection

SAFE



Unique condensate and dry-out protection for all operating conditions

SMART



Temperatures programmable for intermitted incubation and refrigeration

RELIABLE



Fail-safe operation due to intelligent thermoelectric tempering

ECONOMICAL



Energy consumption is minimal thanks to optimized thermoelectric cooling

TECHNICAL DATA

Designation	KB ECO 240	KB ECO 400	KB ECO 720	KB ECO 1020
Measures				
Interior volume [L]	247	400	700	1020
Net weight of the unit (empty) [kg]	152	196	272	327
Permitted load [kg]	100	120	150	150
Load per rack [kg]	30	30	45	45
Wall clearance back [mm]	100	100	100	100
Wall clearance sidewise [mm]	100	100	100	100
Internal Dimensions				
Width [mm]	650	570	973	973
Height [mm]	785	1200	1250	1250
Depth [mm]	485	390	576	836
Housing dimensions not incl. fittings and connections				
Width [mm]	925	932	1250	1250
Height net [mm]	1461	1946	1925	1925
Depth net [mm]	796	847	885	1149
Performance Data Temperature				
Temperature range (max. 26 °C under ambient temperature) [°C]	–	–	0...70	0...70
Temperature range (max. 28 °C under ambient temperature) [°C]	0...70	0...70	–	–
Temperature fluctuation at 37 °C [± K]	0,1	0,1	0,1	0,1
Temperature variation at 37 °C [± K]	0,1	0,1	0,1	0,1
Recovery time after 30 seconds door open at 37 °C [min]	3	6	4	4
Electrical data				
Nominal power [kW]	0,9	1,2	1,3	1,3
Environment-specific data				
Energy consumption at 4°C	100	105	185	190
Energy consumption at 37 °C [Wh/h]	65	70	105	105
Fixtures				
Number of shelves (std./max.)	2/9	2/15	2/15	2/15

OPTIONS & ACCESSORIES



Access ports



Door lock



Multimanagement Software APT-COM™ 4



LED-light bars

FS V11.2022 | Deviations from the figures, information, and technical data are reserved.

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