



Model KBF-S ECO 720  
Sizes 247 L, 720 L, 1020 L

## CONSTANT CLIMATE CHAMBERS

- Homogeneous climate even when fully loaded ensured by APT.line™ preheating chamber technology. 30% more load per shelf than conventional chambers
- Temperature range: 0 °C to +70 °C, Temperatures down to 28°C below ambient possible
- Exceptionally energy-saving due to BINDERs Peltier technology
- Exceptionally low noise level due to inside ventilator positioning
- Environmental-friendly without refrigerants

### Serie KBF-S ECO

with Peltier-Technology!

The most energy-efficient constant climate chamber in its class

## SAFE



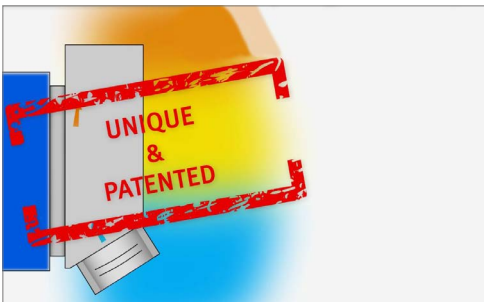
Homogeneous climate due to APT.line™ double-sided airflow ensures full coverage of the ICH Guidelines with 30% more load per shelf than conventional chambers

## SMART



Exceptionally quiet operation

## RELIABLE



Stable climate even at temperatures up to 28 °C below ambient

## ECONOMICAL



Lowest energy consumption of its class based on superior Peltier-technology

## TECHNICAL DATA

Description	KBF-S ECO 240	KBF-S ECO 720	KBF-S ECO 1020
<b>Performance Data Temperature</b>			
Max. heat compensation at 40 °C [W]	250	400	400
Temperature fluctuation at 40 °C [± K]	0,2	0,3	0,5
Temperature range (max. 28°C below ambient temperature) [°C]*	0...70	0...70	0...70
Temperature variation at 40 °C [± K]	0,1	0,1	0,1
<b>Performance data climate</b>			
Recovery time after 30 seconds door open at 25 °C and 60 % RH [min]	5	7	5
Recovery time after 30 seconds door open at 40 °C and 75 % RH [min]	11	17	15
Humidity range [% RH]	10...80	10...80	10...80
Temperature variation at 25 °C and 60 % RH [± K]	0,1	0,1	0,1
Temperature variation at 40 °C and 75 % RH [± K]	0,2	0,3	0,5
Temperature range (max. 28°C below ambient temperature) [°C]*	5...70	5...70	5...70
Humidity fluctuation at 25 °C and 60 % RH	0,3	0,3	0,4
Humidity fluctuation at 40 °C and 75 % RH	0,3	0,3	0,4
Temperature fluctuation at 25 °C and 60 % RH [± K]	0,1	0,1	0,1
Temperature fluctuation at 40 °C and 75 % RH [± K]	0,1	0,1	0,1
<b>Measures</b>			
Net weight of the unit (empty) [kg]	146	267	322
Interior volume [L]	247	700	1020
Load per rack [kg]	30	45	45
Permitted load [kg]	100	150	150
<b>Environment-specific data</b>			
Energy consumption at 40 °C and 75 % RH [Wh/h]	85	130	135
Sound-pressure level [dB(A)]	46	48	49
<b>Fixtures</b>			
Number of shelves (std./max.)	2/9	2/15	2/15

\* With the KBF-S ECO 240, temperature differences of up to 28 °C below the ambient temperature are possible, with the KBF-S ECO 720 and KBF-S ECO 1020, temperature differences of up to 24 °C below the ambient temperature are possible.  
The lowest operating temperature for all devices is 0 °C, regardless of the ambient temperature

## OPTIONS & ACCESSORIES



Access ports



BINDER PURE AQUA Service



Data Logger



LED strip light accessories

### Contact:

BINDER GmbH | Tuttlingen, Germany

Tel +49 7462 2005 0 | Fax +49 7462 2005 100

info@binder-world.com | www.binder-world.com

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Best conditions for your success