PRODUCT SELECTION SOLID.LINE CONSTANT CLIMATE CHAMBERS

Features	Series KBF-S Solid.Line
Model	
Model 115	•
Model 240	•
Model 720	•
Model 1020	•
General data	
Temperature range [°C]	0...70
Humidity range [% RH]	20...80
Ethernet interface	•
USB interface	•
Forced convection	•
Controller and timer functions	
Controller display	LCD
Adjustable fan speed	•
Class 3.1 independent temperature safety device	•
Temperature alarm, acoustic	•
Temperature alarm, visual	•

•Standard equipment

ADVANTAGES AT A GLANCE

FAST AND PRECISE HUMIDIFICATION

Series KBF-S

The patented long-life steam humidification
system and the capacitive humidity sensor ensure
on target humidity values.

HOMOGENEOUS TEMPERATURE DISTRIBUTION

Series KBF-S

BINDER APT.line™ preheating chamber technolo-
gy ensures long-term operational stability even
under full load.

NO RISK OF CORROSION

Series KBF-S

Because the inner chamber and all fixtures are
made entirely from stainless steel.

Multi-Lab SRL Romania :: Tel.021 3127144 | contact@multilab.ro www.multilab.ro

Series KBF-S Solid.Line | with large temperature / humidity range

The new Solid.Line KBF-S climate chamber is a custom-made solution for long-term testing and accelerated stability testing for pharmaceutical products in accordance with the ICH Q1A guideline. The corrosion-free and condensation-free interior also ensures exceptionally stable temperature and moisture levels, even when fully loaded.
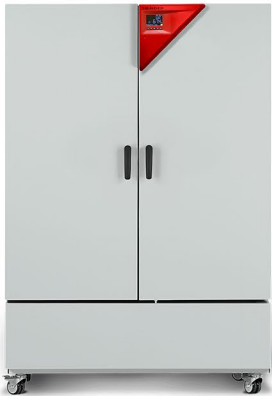
Model KBF-S 720

MAIN FEATURES

- Temperature range: 0 °C to 70 °C
- Humidity range: 20% to 80% RH
- APT.line™ preheating chamber technology
- Humidity regulation with capacitive humidity sensor and steam humidification
- LCD to display temperature and humidity along with additional information and alarms

- Internal data logger, measured values can be read out in open format via USB
- Unit self-test for comprehensive status analysis
- Inner chamber made completely of stainless steel
- 2 stainless steel racks, incl. shelf supports
- Access port with silicone plug, 30 mm, left

AVAILABLE SIZES

Model	Interior volume [L]	Online data sheets
KBF-S 115	102	› go2binder.com/en-KBF-S115
KBF-S 240	247	› go2binder.com/en-KBF-S240
KBF-S 720	700	› go2binder.com/en-KBF-S720
KBF-S 1020	1020	› go2binder.com/en-KBF-S1020

TECHNICAL DATA

Description	KBF-S 115	KBF-S 240	KBF-S 720	KBF-S 1020
Outer dimensions				
Width net [mm]	880	925	1250	1250
Height net [mm]	1050	1460	1925	1925
Depth net [mm]	650	800	890	1145
Internal Dimensions				
Width [mm]	600	650	973	976
Height [mm]	483	785	1250	1250
Depth [mm]	351	485	576	836
Measures				
Interior volume [L]	102	247	700	1020
Net weight of the unit (empty) [kg]	128	161	284	379
permitted load [kg]	100	100	150	150
Load per rack [kg]	30	30	45	45
Performance Data Temperature				
Temperature range [°C]	0...70	0...70	0...70	0...70
Temperature variation at 40 °C [± K]	0.3	0.3	0.3	0.3
Temperature fluctuation [± K]	–	0.1	0.1	–
Temperature fluctuation at 40 °C [± K]	–	–	–	0.1
Performance Data Climate				
Temperature range [°C]	10...70	10...70	10...70	10...70
Temperature variation at 40 °C and 75 % RH [± K]	0.3	0.3	0.3	0.3
Temperature fluctuation at 40 °C and 75 % RH [± K]	0.1	0.1	0.1	0.1
Humidity range [% RH]	20...80	20...80	20...80	20...80
Humidity fluctuation at 40 °C and 75 % RH [% RH]	2,0			
Electrical data				
Nominal power (version 230V) [kW]	1.4	1.4	2	2
Nominal power (version 240V) [kW]	1.4	1.4	2	2
Fixtures				
Number of shelves (std./max.)	2/5	2/9	2/15	2/15

ORDERING INFORMATION [Art. No.]

Further details: Go to www.binder-world.com › Search › Enter Article Number

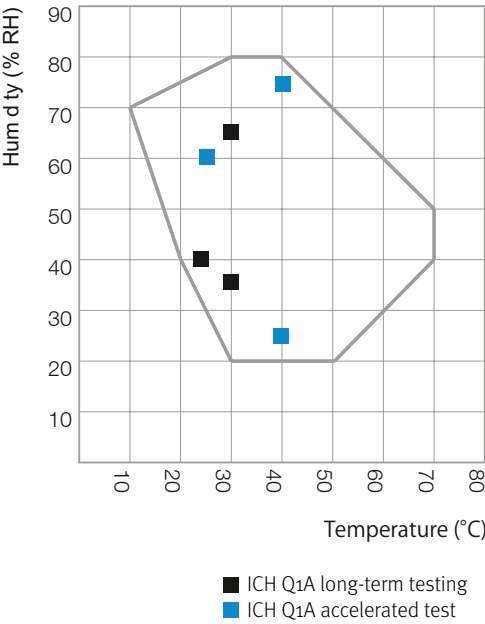| Voltage	Option model	KBF-S 115	KBF-S 240	KBF-S 720	KBF-S 1020
200...230 V 1~ 50/60 Hz	Standard	9020-0370	9020-0366	9020-0368	9020-0372
200...240 V 1~ 50/60 Hz	Standard	9020-0371	9020-0367	9020-0369	9020-0373

EXTRACT OF FULLFILLED STANDARDS

• ICH Q1A(R2)

TEMPERATURE-HUMIDITY CHART

KBF-S 115, KBF-S 240, KBF-S 720, KBF-S 1020

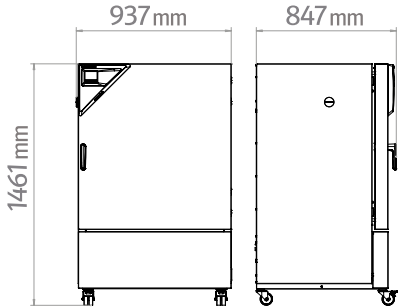■ ICH Q1A long-term testing
■ ICH Q1A accelerated test

DIMENSIONS incl. fittings and connections [mm]

KBF-S 115
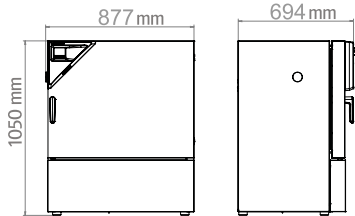
KBF-S 240


KBF-S 720
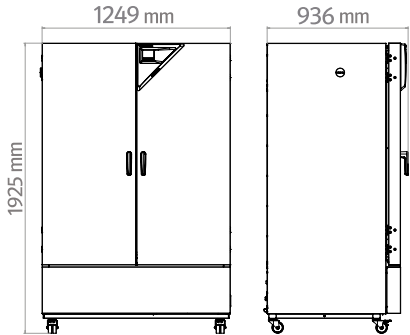
KBF-S 1020
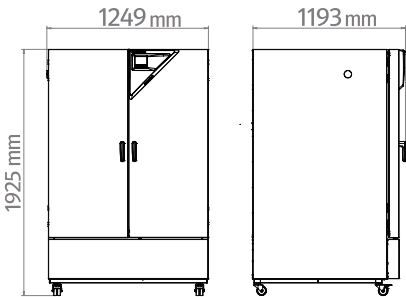
EXCERPT FROM OPTIONS AND ACCESSORIES

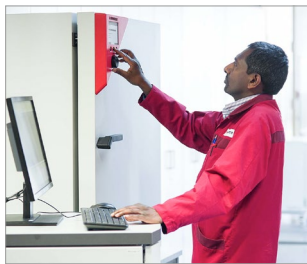|	
Access port with silicone plug	For introducing external measuring instruments. Large selection of different diameters and positions (left, right, or top) Series KBF-S
Convenient water supply	Flexible positioning of the water container with magnetic holder, hose adapter for water container with practical quick coupling, and water stop function. Series KBF-S
Data Logger Kit TH	Independent temperature and humidity data logging. The tailored product solution contains helpful accessories: From the magnetic mounting of the data logger to the BINDER unit and securing sensor cable for accurate readings. Series KBF-S
Services	You can access our installation, maintenance, calibration, validation, or warranty services by taking out a Maintenance Service Agreement or by simply getting in touch when you need us. More information is available in the accessories and services chapter Series KBF-S
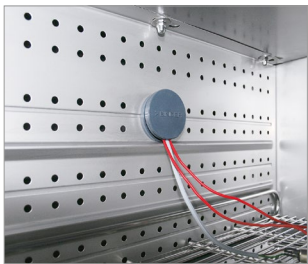
Access port with silicone plug

Convenient water supply

Data Logger

Services