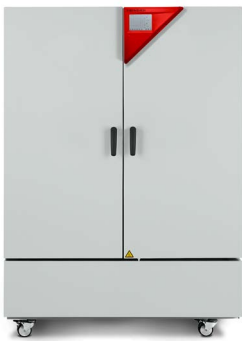


CONSTANT CLIMATE CHAMBERS

Series KBF | Series KBF P | Series KBF LQC | Constant climate chambers with large temperature / humidity Range / ICH-compliant light source and light dose control



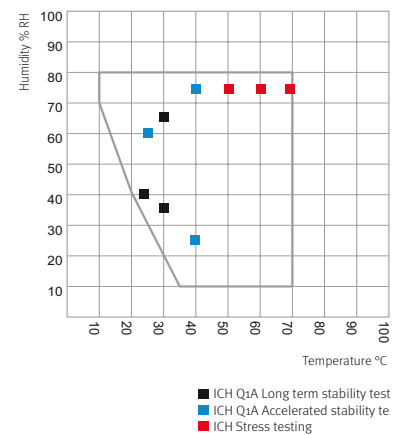
Model KBF 720

Sizes 102 L, 247 L, 700 L, 1020 L

FEATURES:

- Long-term stability, accelerated and stress testing conditions for testing in line with ICH Q1A
- Flexible water and waste water management at any location using the connection to the domestic water supply or an optional external water supply set
- Patented, long-life steam humidifying system
- TFT resistive touch color display
- All fixtures – including the entire inner chamber – are made of stainless steel
KBF P/KBF LQC
- Long-term stability, accelerated and stress testing conditions for testing in line with ICH Q1A and Q1B
- Variable, positionable illumination cassettes
- Temperature/humidity/light simulation in one chamber
- KBF LQC Series with independent light-dose control of UV-A and visible light with spherical sensors

TEMPERATURE-HUMIDITY CHART WITH ICH CHECK-POINTS | KBF 115, KBF 240, KBF 720, KBF 1020



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

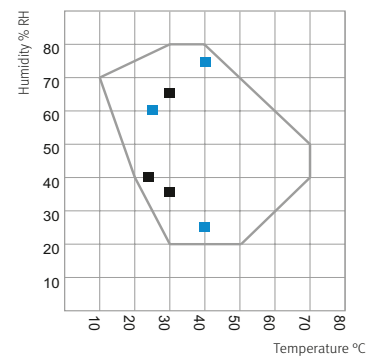


Model KBF-S 240

Sizes 102 L, 247 L, 720 L, 1020 L

FEATURES:

- New Solid.Line range - the ideal addition to BINDER's popular premium products
- Solid product design with great value for money
- Long-term stability and accelerated testing conditions for testing in line with ICH Q1A
- Water supply via container
- Well-proven atmosphere conditioning and distribution
- Simple but efficient controller



Series KMF | Constant climate chambers with expanded temperature / humidity range

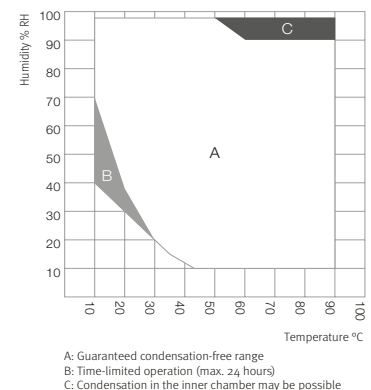


Model KMF 240

Sizes 102 L, 247 L, 720 L

FEATURES:

- Stable test conditions even at 85 °C / 85% RH
- Flexible water and waste water management at any location using the connection to the domestic water supply or an optional external water supply set
- Long-term operational stability even under full load
- Patented, long-life steam humidifying system
- TFT resistive touch color display
- All fixtures – including the entire inner chamber – are made of stainless steel



TECHNICAL DATA

Description	KBF 115	KBF 240	KBF 720	KBF 1020	KBF-S 115	KBF-S 240	KBF-S 720	KBF-S 1020	KBF P 240*	KBF P 720*	KBF LQC 240*	KBF LQC 720*	KMF 115	KMF 240	KMF 720
Outer dimensions															
Width net [mm]	880	925	1250	1250	880	925	1250	1250	925	1250	925	1250	880	930	1250
Height net [mm]	1050	1460	1925	1925	1050	1460	1925	1925	1460	1925	1460	1925	1050	1465	1925
Depth net [mm]	650	800	890	1145	650	800	890	1145	800	890	800	890	650	800	890
Internal Dimensions															
Width [mm]	600	650	973	973	600	650	973	976	650	973	650	973	600	650	973
Height [mm]	483	785	1250	1250	483	785	1250	1250	785	1250	758	1925	483	785	1250
Depth [mm]	351	485	576	836	351	485	576	836	485	576	485	576	351	485	576
Measures															
Interior volume [L]	102	247	700	1020	102	247	700	1020	247	700	247	700	102	247	700
Net weight of the unit (empty) [kg]	128	189	312	379	128	172	284	379	213	374	217	374	128	189	306
Permitted load [kg]	100	100	150	150	100	100	150	150	100	150	100	150	100	100	150
Load per rack [kg]	30	30	45	45	30	30	45	45	30	45	30	45	30	30	45
Performance Data Climate															
Temperature range [°C]	10...70	10...70	10...70	10...70	10...70	10...70	10...70	10...70	10...60	20...60	10...60	20...60	10...90	10...90	10...90
Temperature variation at 40 °C and 75 % RH [± K]	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0,6	1,2	0,6	1,2	—	—	—
Temperature fluctuation at 40 °C and 75 % RH [± K]	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0,2	0,2	0,2	0,2	—	—	—
Humidity range [% RH]	10...80	10...80	10...80	10...80	20...80	20...80	20...80	20...80	10...80	10...80	10...80	10...80	10...98	10...98	10...98
Humidity fluctuation at 40 °C and 75 % RH [± % RH]	±2	1,5	1,5	1,5	2,0	1,5	1,5	1,5	2	2	2	2	—	—	—
Temperature variation depending on setpoint [± K]	—	—	—	—	—	—	—	—	—	—	—	—	0.2...1	0.1...1	0.1...1
Temperature fluctuation depending on setpoint [± K]	—	—	—	—	—	—	—	—	—	—	—	—	0.1...0.3	0.1...0.3	0.1...0.5
Humidity fluctuation depending on setpoint	—	—	—	—	—	—	—	—	—	—	—	—	±2,5	±2	±2
Performance Data with illumination															
Lightdata . ICH compliant illumination for photo stability testing [lx]	—	—	—	—	—	—	—	—	7500	9000	7500	9000	—	—	—
Lightdata . ICH compliant illumination for photo stability testing [W/m²]	—	—	—	—	—	—	—	—	1.1	1.5	1.1	1.5	—	—	—
Electrical data															
Nominal power (version 240 V) [kW]	0	2.1	3.1	3.1	1.4	1.4	2	2	2.4	3.5	2.4	3.5	2	2.1	3.1
Fixtures															
Number of shelves (std./max.)	2/5	2/9	2/15	2/15	2/5	2/9	2/15	2/15	2/7	3/12	2/7	3/12	1/5	1/9	1/15

*Performance data with illumination

EXCERPT FROM OPTIONS AND ACCESSORIES



Access port with silicone plug



BINDER PURE AQUA Service



Data Logger



Illumination cassettes ICH (KBF P/LQC)

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