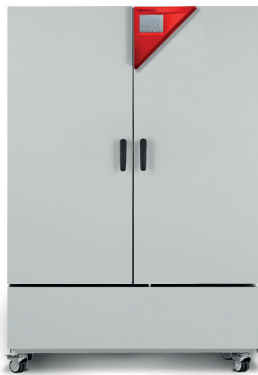


HUMIDITY TEST CHAMBERS

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

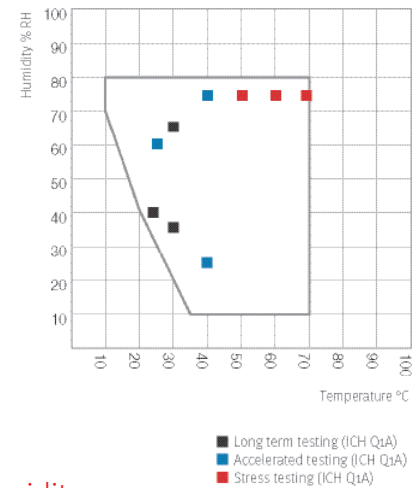


Model KBF 720
Sizes 4, 9, 25, 36 cu.ft.

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



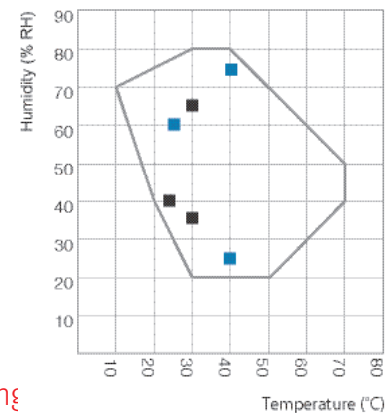
Series KBF-S Solid.Line | Humidity test chambers with large temperature / humidity range



Model KBF-S 240
Sizes 9, 25 cu.ft

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



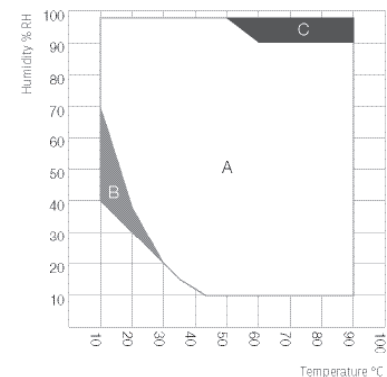
Series KMF | Humidity test chambers with expanded temperature / humidity range



Model KMF 240
Sizes 4, 9, 25 cu.ft.

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



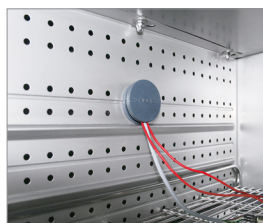
A: Guaranteed condensation-free range
B: Time-limited operation (max. 24 hours)
C: Condensation in the inner chamber may be possible

TECHNICAL DATA

Description	KBF 115	KBF 240	KBF 720	KBF 1020	KBF-S 240	KBF-S 720	KBF P 240*	KBF P 720*	KBF LQC 240*	KBF LQC 720*	KMF 115	KMF 240	KMF 720
Outer dimensions													
Width net [in]	34.67	36.45	49.3	49.3	36.45	49.3	36.45	49.3	36.45	49.3	34.67	36.64	49.3
Height net [in]	41.4	57.5	75.8	75.8	57.5	75.8	57.5	75.8	57.5	75.8	41.4	57.7	75.8
Depth net [in]	25.61	31.52	35.07	45.1	31.52	35.07	31.52	35.07	31.52	35.07	25.61	31.52	35.07
Internal Dimensions													
Width [in]	23.64	25.61	38.34	38.45	25.61	38.34	25.61	38.34	25.61	38.34	23.64	25.61	38.34
Height [in]	19.03	30.93	49.3	49.3	30.93	49.3	30.93	49.3	30.93	49.3	19.03	30.93	49.3
Depth [in]	13.83	19.11	22.69	32.94	19.11	22.69	19.11	22.69	19.11	22.69	13.83	19.11	22.69
Measures													
Interior volume [cu.ft.]	3.6	8.7	24.7	36	8.7	24.7	8.7	24.7	8.7	24.7	3.6	8.7	24.7
Net weight of the unit (empty) [lbs]	284	417	688	836	355	626	470	825	478	825	280	395	650
permitted load [lbs]	220	220	331	331	220	331	220	331	220	331	220	220	331
Load per rack [lbs]	66	66	99	99	66	99	66	99	66	99	66	66	99
Performance Data Climate													
Temperature range [°C]	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	0.6	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	0,2	0,2	0,2	0,2	—	—	—
Humidity range [% RH]	10...80	10...80	10...80	10...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	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]	2	2.1	3.1	3.1	1.4	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	2/9	2/15	2/7	3/12	2/7	3/12	1/5	1/9	1/15
Cat. No.	08111007	08111008	08111009	08111006	08111014	08111015	08111012	08111013	08111010	08111011	08111016	08111017	08111018

*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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