

Description	KMF115-230V *	KMF115-230V *	KMF240-230V *	KMF240-240V *	KMF720-230V *	KMF720-240V *
Article Number	9020-0341	9020-0342	9020-0343	9020-0344	9020-0345	9020-0346
Performance Data Temperature						
Temperature range [°C]	-10...100	-10...100	-10...100	-10...100	-10...100	-10...100
Average heating-up rate according to IEC 60068-3-5 [K/min]	1.3	1.3	0.8	0.8	0.7	0.7
Average cooling down time according to IEC 60068-3-5 [K/min]	0.5	0.5	0.4	0.4	0.4	0.4
Max. heat compensation at 25 °C [W]	150	150	200	200	450	450
Performance Data Climate						
Temperature range [°C]	10...90	10...90	10...90	10...90	10...90	10...90
Temperature variation depending on setpoint [± K]	0.2...1	0.2...1	0.1...1	0.1...1	0.1...1	0.1...1
Temperature fluctuation depending on setpoint [± K]	0.1...0.3	0.1...0.3	0.1...0.3	0.1...0.3	0.1...0.5	0.1...0.5
Humidity range [% RH]	10...98	10...98	10...98	10...98	10...98	10...98
Humidity fluctuation depending on setpoint	≤2,5 ± % RH	≤2,5 ± % RH	≤2 ± % RH	≤2 ± % RH	≤2 ± % RH	≤2 ± % RH
Dew point temperature range [°C]	5...90	5...90	5...90	5...90	5...90	5...90
Electrical data						
Rated Voltage [V]	200...230	200...240	200...230	200...240	200...230	200...240
Power frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60
Nominal power [kW]	2	2	2.1	2.1	3.1	3.1
Unit fuse [A]	16	16	16	16	16	16
Phase (Nominal voltage)	1~	1~	1~	1~	1~	1~
Outer dimensions						
Width net [in]	34.67	34.67	36.64	36.64	49.3	49.3
Height net [in]	41.4	41.4	57.7	57.7	75.8	75.8
Depth net [in]	25.61	25.61	31.52	31.52	35.07	35.07
Wall clearance back [in]	3.94	3.94	3.94	3.94	3.94	3.94
Wall clearance sidewise [in]	3.94	3.94	3.94	3.94	3.94	3.94
Doors						
Inner doors	1	1	1	1	2	2
Unit doors	1	1	1	1	2	2
Internal Dimensions						
Width [in]	23.64	23.64	25.61	25.61	38.34	38.34
Height [in]	19.03	19.03	30.93	30.93	49.3	49.3
Depth [in]	13.83	13.83	19.11	19.11	22.69	22.69
Measures						
Interior volume [cu.ft.]	3.6	3.6	8.7	8.7	24.7	24.7
Net weight of the unit (empty) [lbs]	280	280	395	395	650	650
permitted load [lbs]	220	220	220	220	331	331
Load per rack [lbs]	66	66	66	66	99	99
Environment-specific data						
Energy consumption at 85 °C and 85 % RH [Wh/h]	570	570	570	570	900	900
Sound-pressure level [dB(A)]	52	52	52	52	56	56
Fixtures						
Number of shelves (std./max.)	1/5	1/5	1/9	1/9	1/15	1/15

* All technical data is specified for unloaded units with standard equipment at an ambient temperature of +22 °C ±3 °C and a power supply voltage fluctuation of ±10 %. The temperature data is determined to BINDER factory standard following DIN 12880, observing the recommended wall clearances of 10 % of the height, width, and depth of the inner chamber. Technical data refers to 100 % fan speed. All indications are average values, typical for units produced in series. We reserve the right to change technical specifications at any time.