

NEW Drying and heating chambers with forced convection and program functions

The new BINDER drying chambers of FP and M series meeting diverse requirements for drying, sterilization, and heating, they can be put to use within industry, science, research, and quality assurance applications.



Series FP with forced convection and program functions



Model FP 115

FEATURES:

- Temperature range: +10°C above ambient temperature up to +300°C
- Adjustable fan speed
- Electromechanical control of the exhaust air flap
- Controller with interval and real-time programming
- Class 2 independent adjustable temperature safety device (DIN 12880) and class 3.1 independent temperature safety device (DIN 12880) with visual/acoustic alarm available for selection on the controller
- Failsafe function
- Computer interface: Ethernet

Sizes
60 L, 116 L, 259 L, 741 L

Series M with forced convection and advanced program functions



Modell M 720

FEATURES:

- Temperature range: +22°C above ambient temperature to +300°C
- Reinforced fan with adjustable speed
- Electromechanical control of the exhaust air flap
- Intuitive touchscreen controller with time-segment and real-time programming
- Class 2 independent adjustable temperature safety device (DIN 12880) and class 3.1 independent temperature safety device (DIN 12880) with visual/acoustic alarm available for selection on the controller
- Failsafe function
- Computer interface: Ethernet

Sizes
60 L, 116 L, 259 L, 741 L

Advantages at a glance



Easy data logging



Best energy efficiency on the market and low installation requirements



Easy, intuitive handling



Completely homogeneous temperature distribution

TECHNICAL DATA OF FP AND M SERIES

Description	FP 56	FP 115	FP 260	FP 720	M 56	M 115	M 260	M 720
Outer dimensions								
Width net [mm]	560	710	810	1160	560	710	810	1160
Height net [mm]	622	732	962	1590	622	732	962	1590
Depth net [mm]	596	636	786	816	596	636	786	816
Internal Dimensions								
Width [mm]	400	550	650	1000	400	550	650	1000
Height [mm]	400	550	780	1300	440	550	780	1300
Depth [mm]	342	383	512	574	335	375	505	565
Measures								
Interior volume [L]	60	116	259	741	59	113	256	735
Net weight of the unit (empty) [kg]	44	62	96	194	43	56	85	169
permitted load [kg]	70	150	270	315	70	150	270	315
Load per rack [kg]	30	30	40	45	30	30	40	45
Performance Data Temperature								
Temperature variation at 150 °C [± K]	1.4	1.4	1.7	2.4	1.4	1.4	1.7	2.0
Temperature fluctuation at 150 °C [± K]	0.4	0.3	0.4	0.6	0.2	0.2	0.3	0.5
Heating-up time to 150 °C [min]	15	19	19	25	10	13	14	14
Recovery time after 30 seconds door open at 150 °C [min]	4	5	6	6	4	7	7	7
Electrical data								
Nominal power [kW]	1.2	1.4	2.5	4.5	2.0	2,4	3,1	6.0
Fixtures								
Number of shelves (std./max.)	2/5	2/5	2/8	2/16	2/4	2/5	2/8	2/16

ORDERING INFORMATION [Art. No.]

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

Voltage	Online information	FP 56	FP 115	FP 260	FP 720
400 V 3~ 50/60 Hz	› go2binder.com/en-FP	–	–	–	9010-0366
230 V 1~ 50/60 Hz	› go2binder.com/en-FP	9010-0363	9010-0364	9010-0365	–
208 V 3~ 60 Hz	› go2binder.com/en-FP	–	–	–	9010-0370
120 V 1~ 60 Hz	› go2binder.com/en-FP	9010-0367	9010-0368	9010-0369	–
		M 56	M 115	M 260	FP 720
400 V 3~ 50/60 Hz	› go2binder.com/en-M			9010-0373	9010-0374
230 V 1~ 50/60 Hz	› go2binder.com/en-M	9010-0371	9010-0372		

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