

Series ED | with natural convection

The strengths of a BINDER ED series drying chamber include routine drying and sterilization tasks up to 300 °C. Thanks to the natural convection, all thermal processes which use this drying chamber are highly efficient. The ED series ensures fast, uniform drying.



ED 56 model



MAIN FEATURES

- Temperature range (model 56; model 260): ambient temperature plus 5 °C to 300 °C
- Temperature range (model 115): ambient temperature plus 6 °C to 300 °C
- High temperature accuracy thanks to APT.line™ technology
- Natural convection
- Controller with LCD display
- Electromechanical control of the exhaust air flap
- 2 chrome-plated racks
- Units up to 115 L are stackable
- Class 2 independent temperature safety device (DIN 12880) with visual temperature alarm
- Ergonomic handle design

AVAILABLE SIZES

Model	Interior volume [L]	Online data sheets
ED 56	57	› go2binder.com/en-ED56
ED 115	114	› go2binder.com/en-ED115
ED 260	255	› go2binder.com/en-ED260

› Other Classic.Line models › page 107



TIPS & TRICKS

Benefit from our many years of experience, as demonstrated in our technical papers:

Tips & Tricks:

› go2binder.com/en-tips-tricks

Case Studies:

› go2binder.com/en-case-studies



Find all details online
go2binder.com/en-ED-a

TECHNICAL DATA

Description	ED 56	ED 115	ED 260
Measures - Outer dimensions			
Width net [mm]	560	710	810
Height net [mm]	625	735	965
Depth net [mm]	565	605	760
Measures - Internal Dimensions			
Width [mm]	360	510	610
Height [mm]	420	530	760
Depth [mm]	380	425	550
Measures			
Interior volume [L]	57	114	255
Net weight of the unit (empty) [kg]	39	54	85
permitted load [kg]	70	150	270
Load per rack [kg]	30	30	40
Performance Data Temperature			
Temperature range 5-6 °C above ambient temperature to [°C]	300	300	300
Temperature variation at 150 °C [± K]	2.5	2.0	2.0
Temperature fluctuation at 150 °C [± K]	0.5	0.4	1.0
Heating-up time to 150 °C [min]	55	45	55
Recovery time after 30 seconds door open at 150 °C [min]	20	16	20
Electrical data			
Nominal power (Version 120 V) [kW]	1.15	1.35	–
Nominal power (Version 230 V) [kW]	1.05	1.25	2.25
Nominal power (Version 240 V) [kW]	–	–	2.45
Fixtures			
Number of shelves (std./max.)	2/4	2/5	2/8

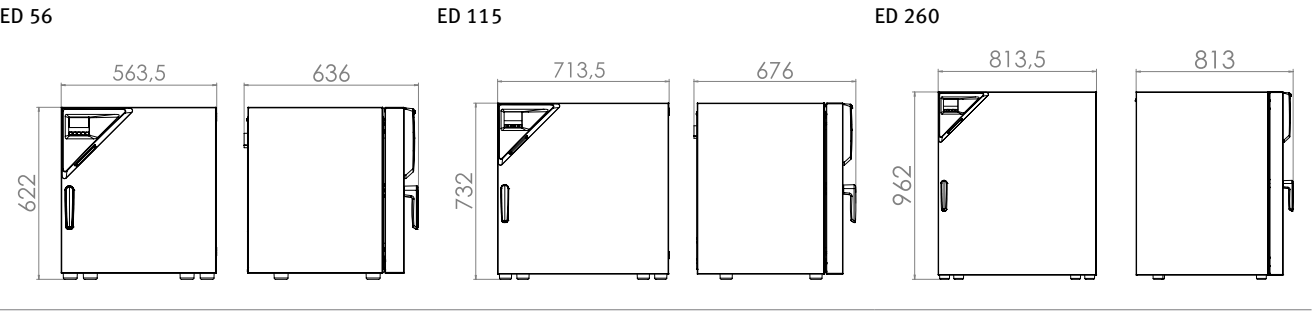
ORDERING INFORMATION [Art. No.]

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

Voltage	Option model	ED 56	ED 115	ED 260
240 V 1~ 60 Hz	Standard	–	–	9010-0340
230 V 1~ 50/60 Hz	Standard	9010-0333	9010-0335	9010-0339
120 V 1~ 60 Hz	Standard	9010-0334	9010-0336	–

► You will find a selection of options, accessories and services suitable for each product on page 105

DIMENSIONS INCL. FITTINGS AND CONNECTIONS [MM]



Series ED | with natural convection

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ED 720 model

MAIN FEATURES

- Temperature range: room temperature plus 5 °C to 300 °C
- APT.line™ preheating chamber technology
- Free convection
- Adjustable exhaust air flap
- Controller with timer functions
- 2 chrome-plated racks
- Class 2 independent adjustable temperature safety device (DIN 12880) with visual alarm

AVAILABLE SIZES

Model	Interior volume [L]	Online data sheets
ED 23	20	› go2binder.com/en-ED23
ED 400	400	› go2binder.com/en-ED400
ED 720	720	› go2binder.com/en-ED720

› Other Avantgarde.Line models › page 93



Find all details online
go2binder.com/en-ED-c

TECHNICAL DATA

Description	ED 23	ED 400	ED 720
Measures - Outer dimensions			
Width net [mm]	435	1235	1235
Height net [mm]	495	1025	1530
Depth net [mm]	520	765	865
Measures - Internal Dimensions			
Width [mm]	222	1000	1000
Height [mm]	330	800	1200
Depth [mm]	300	520	620
Measures			
Interior volume [L]	20	400	720
Net weight of the unit (empty) [kg]	27	125	174
permitted load [kg]	25	90	120
Load per rack [kg]	12	35	45
Performance Data Temperature			
Temperature range 5 °C above ambient temperature to [°C]	300	300	300
Temperature variation at 150 °C [± K]	2.8	3	3.6
Temperature fluctuation at 150 °C [± K]	0.5	0.5	0.5
Heating-up time to 150 °C [min]	28	71	84
Recovery time after 30 seconds door open at 150 °C [min]	28	31	34
Electrical data			
Nominal power (Version 120 V) [kW]	0.8	–	–
Nominal power (Version 208 V) [kW]	–	3.4	5
Nominal power (Version 230 V) [kW]	0.8	–	–
Nominal power (Version 400 V) [kW]	–	3.4	5
Fixtures			
Number of shelves (std./max.)	2/4	2/10	2/16

ORDERING INFORMATION [Art. No.]

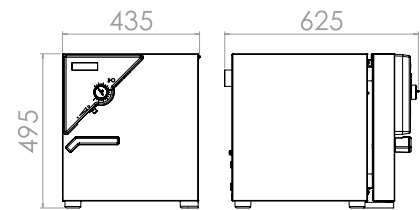
Further details: Go to www.binder-world.com › Search › Enter Article Number

Voltage	Option model	ED 23	ED 400	ED 720
400 V 3~ 50/60 Hz	with RS 422	–	9010-0075	9010-0076
	Standard	9010-0190	–	–
230 V 1~ 50/60 Hz	with RS 422	9010-0191	–	–
	Standard	9010-0192	–	–
208 V 3~ 60 Hz	with RS 422	–	9010-0168	9010-0169
	Standard	9010-0192	–	–
120 V 1~ 60 Hz	with RS 422	9010-0193	–	–
	Standard	9010-0192	–	–

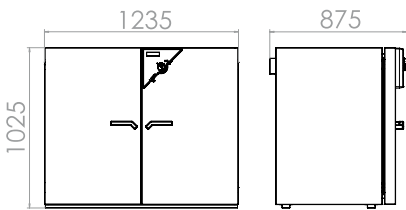
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DIMENSIONS INCL. FITTINGS AND CONNECTIONS [MM]

ED 23



ED 400



ED 720

