

Series FED Avantgarde.Line | with forced convection and enhanced timer functions

BINDER heating chambers of the FED Avantgarde.Line series provide almost unlimited capacity and are particularly adaptable. With advanced timing functions and a controllable fan, temperature and convection conditions are easily controlled.



FED 56 model



MAIN FEATURES

- Temperature range: ambient temperature plus 10 °C to 300 °C
- Up to 30% lower energy consumption compared to conventional units on the market
- High temperature accuracy thanks to APT.line™ technology
- Adjustable fan speed
- Controller with LCD display and enhanced time functions
- Electromechanical control of the exhaust air flap
- 2 chrome-plated racks
- Units up to 115 liters are stackable
- Class 2 integrated independent adjustable temperature safety device (DIN 12880) with visual alarm
- Ergonomic handle design

AVAILABLE SIZES

Model	Interior volume [cu. ft.]	Online data sheets
FED 56	2.1	› go2binder.com/us-FED56
FED 115	4.1	› go2binder.com/us-FED115
FED 260	9.1	› go2binder.com/us-FED260
FED 720	26.2	› go2binder.com/us-FED720

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TIPS & TRICKS

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

Tips & Tricks: › go2binder.com/us-tips-tricks

Case Studies: › go2binder.com/us-case-studies

ADVANTAGES AT A GLANCE



EASY DATA LOGGING

Series ED, FD, FED

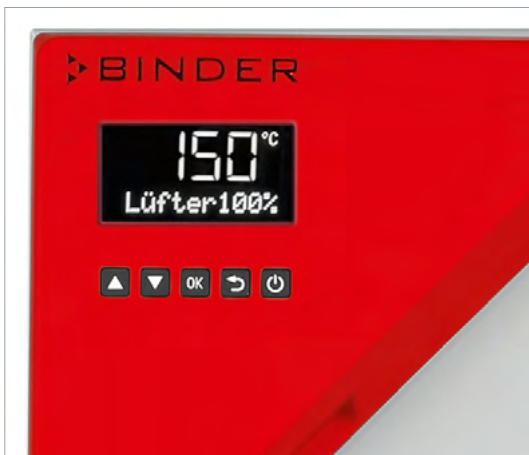
The USB connector, standard on the ED, FD and FED, provides easy data logging. Ethernet connectivity is standard on FED and an option for ED and FD.



BEST ENERGY EFFICIENCY ON THE MARKET AND LOW INSTALLATION REQUIREMENTS

Series ED, FD, FED

thanks to low heat dissipation and an optimized heating system.



EASY, INTUITIVE HANDLING

Series ED, FD, FED

Our state-of-the-art controller with LCD display, excellent readability, alphanumeric display, and various functions provide a user friendly interface. Choice of languages as standard: English, German, and French.



COMPLETELY HOMOGENEOUS TEMPERATURE DISTRIBUTION

Series FD, FED

This feature provides excellent spatial and temporal temperature accuracy with the all-new generation of APT.line™ technology.

TECHNICAL DATA

Description	FED 56	FED 115	FED 260	FED 720
Outer dimensions				
Width net [in]	22.06	27.97	31.91	45.9
Height net [in]	24.63	28.96	38.02	62.6
Depth net [in]	22.26	23.84	29.94	34.28
Internal Dimensions				
Width [in]	15.76	21.67	25.61	39.4
Height [in]	17.34	21.67	30.73	51.2
Depth [in]	13.59	15.17	20.29	22.46
Measures				
Interior volume [cu.ft.]	2.1	4.1	9.1	26.2
Net weight of the unit (empty) [lbs]	86	119	187	366
permitted load [lbs]	154	331	595	694
Load per rack [lbs]	66	66	88	99
Performance Data Temperature				
Temperature range 10 °C above ambient temperature to [°C]	300	300	300	–
Temperature range 12 °C above ambient temperature to [°C]	–	–	–	300
Temperature variation at 150 °C [± K]	1.4	1.2	1.6	2
Temperature fluctuation at 150 °C [± K]	0.3	0.3	0.4	0.6
Heating-up time to 150 °C [min]	15	18	19	25
Recovery time after 30 seconds door open at 150 °C [min]	4	4	5	6
Electrical data				
Nominal power (version 120 V) [kW]	1.2	1.4	–	–
Nominal power (version 208 V) [kW]	–	–	–	4.5
Nominal power (version 230 V) [kW]	1.1	1.3	2.3	–
Nominal power (version 240 V) [kW]	–	–	2.5	–
Nominal power (version 400 V) [kW]	–	–	–	4.5
Fixtures				
Number of shelves (std./max.)	2/4	2/5	2/8	2/16

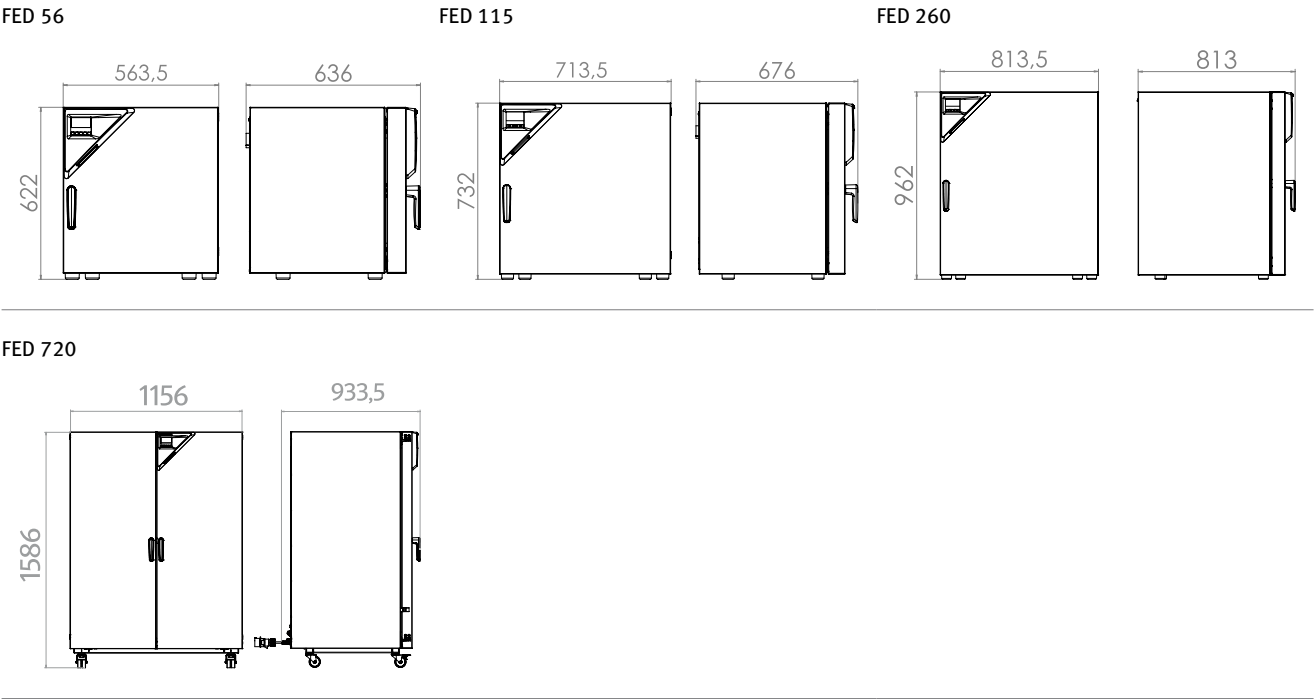
ORDERING INFORMATION [Art. No.]

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

Voltage	Option model	FED 56	FED 115	FED 260	FED 720
400 V 3~ 50/60 Hz	Standard	–	–	–	9010-0301
240 V 1~ 60 Hz	Standard	–	–	9010-0300	–
230 V 1~ 50/60 Hz	Standard	9010-0295	9010-0293	9010-0299	–
208 V 3~ 60 Hz	Standard	–	–	–	9010-0302
120 V 1~ 60 Hz	Standard	9010-0296	9010-0294	–	–

► You will find a selection of options, accessories and services suitable for each product on page 15

DIMENSIONS INCL. FITTINGS AND CONNECTIONS [MM]



FED 720

1156

1586



933,5



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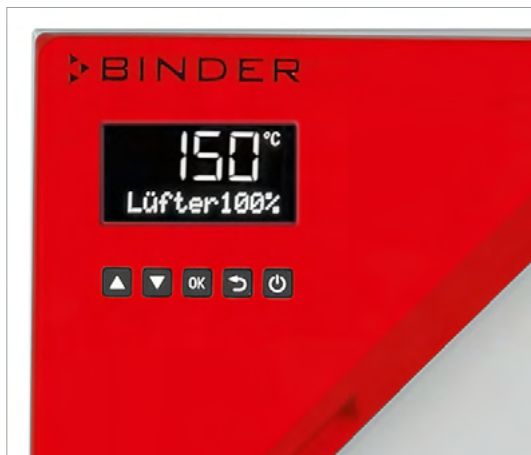
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