

Ovens, laboratory



Constructed of galvanised sheet steel and powder coated throughout to afford maximum protection against corrosion with stainless steel interior. Very tight door closure with 2-point door latch. Microprocessor control. Two versions are available, the ED series with natural convection or the FD series with fan circulation.

- Electronically controlled APT.line™ preheating chamber assuring temperature accuracy and reproducible results
- Temperature range from 5°C above ambient temperature to 300°C
- Digital temperature setting with an accuracy of one degree
- DS control with integrated timer 0 to 99 hrs
- Independent adjustable temperature safety device class 2 (DIN 12880), with visual temperature alarm
- Adjustable ventilation by means of front ventilation flap slide and rear exhaust Ø 50mm
- 2 chrome-plated shelves included

Technical Specifications

Model	ED/FD 23
Capacity, litres	23
Temperature range	ambient +5 to 300°C
Temperature fluctuation	±0.3°C
Temperature variation at 70°C	±1.5°C Temperature variation at 70°C (with fan)
Shelves supplied (max.)	2 (3)
Max. load per shelf (kg)	12
Internal W×D×H (mm)	222×277×330
External W×D×H (mm)	435×520×495
Electrical supply	230V (± 10%), 50/60Hz
Power consumption (W)	800

Cat. No.	Code	Model	Description
OV/51002	9010-0190	ED 23	Drying Oven with natural convection 23L
OV/51102	9010-0194	FD 23	Drying Oven with fan circulation 23L



OV/51002

Binder Avantgarde.Line ovens



BINDER drying and heating chambers with natural or forced convection ensure quality and reliability every time. Thanks to the extensive redevelopment they have undergone, these all-rounders are even more firmly focused on addressing the requirements of laboratories. Not only does the state-of-the-art design ensure convenient operation and efficiency, the outstanding temperature accuracy, provided by the very latest APT.line™ technology, also make these pioneering units truly stand out.

- Temperature distribution – perfect and precise
- Accurate drying chambers
- Controller with LCD display
- Electromechanical control of the exhaust air flap
- 2 chrome-plated racks
- Class 2 integrated independent adjustable temperature safety device (DIN 12880) with visual alarm
- USB port
- Simple data recording via the USB connector

Natural convection models

Technical Specifications

Model No.	ED 56	ED 115	ED 260
Capacity	57 Litres	114 Litres	255 Litres
External dimensions excluding fittings and connections (HxWxD)	560 x 625 x 565mm	710 x 735 x 605mm	815 x 965 x 760mm
Temperature range	Ambient +15°C to 300°C	Ambient +8°C to 300°C	Ambient +8°C to 300°C

Forced air convection models (with fan)

Technical Specifications

Model No.	FD 56	FD 115	FD 260
Capacity	60 Litres	116 Litres	257 Litres
External dimensions excluding fittings and connections (HxWxD)	560 x 625 x 565mm	710 x 735 x 605mm	810 x 965 x 760mm
Temperature range	Ambient +15°C to 300°C	Ambient +15°C to 300°C	Ambient +15°C to 300°C

Cat. No.	Code	Description
OV/51120	ED 56	Drying oven Avantgarde.Line range with natural convection 56L
OV/51122	ED 115	Drying oven Avantgarde.Line range with natural convection 116L
OV/51124	ED 260	Drying oven Avantgarde.Line range with natural convection 260L
OV/51130	FD 56	Drying oven Avantgarde.Line range with fan circulation 56L
OV/51132	FD 115	Drying oven Avantgarde.Line range with fan circulation 116L
OV/51134	FD 260	Drying oven Avantgarde.Line range with fan circulation 260L



OV/51120