

DATA SHEET

BIO EXPERT | 120 L



Reference

BE120

General specifications

Net volume	114 liters
Dimensions : externals (H x W x D) internals (H x W x D)	750 x 626 x 679.5 mm / 29.6 x 24.7 x 26.8 in. 500 x 500 x 456 mm / 19.7 x 19.7 x 18.0 in.
Construction : external internal	Electrogalvanised steel with epoxy paint Brushed stainless steel inner tank
Net weight	55 kg / 121.3 lb
Standard construction	A fully closed door, easy closure « hands free » Safety glass inner door 4 levelling feet 1 cable entry port (30mm) - left side centered 1 power cord (1.5m)
Shelves (W x D : 480 x 430 mm / 18.9 x 16.9 in.)	2 anti-tilt stainless steel wire shelves as standard (max weight / shelf: 20 kg) Maximum numbers of shelves : 10 (max total weight : 70kg)
Working temperature	From +18°C to +32°C
Indoor / outdoor use	For indoor use only
Environment	Not designed for use in explosive atmospheres (non EX-proof)
Warranty	2 years

Heating system

Heating system	Heating convection ensured by fan (no risk of conduction or radiation)
Ventilation method	Turbine ventilation ensuring temperature homogeneity
Air renewal	Adjustable on the front, rear exhaust

Electric and electronic data

Controller type	Electronic PID self regulating and self-adaptive Programmable controller
Temperature probe	1 x Pt100 3 wires probe
List of alarms	<ul style="list-style-type: none"> High temperature Overtemperature safety class II according to the European standard EN 61010-2-010 (DIN 3.1 equivalent)
Types of alarms	Visual
Energy consumption	750 W
Types of power supply	<ul style="list-style-type: none"> Voltage 230V ~ +/-10%, 50 Hz Voltage 110V ~ +/-10%, 50/60Hz Voltage 220V ~ +/-10%, 60Hz

Performances (ambient temperature : 22°C)

Temperature range	Amb +5°C to 100°C, 1/10th degree display (set and actual temperature)
Temporal stability	+/-0.1°C
Homogeneity at 37°C	+/-0.5°C

Sterilisation	
Type of sterilisation	Thermal disinfection by dry heat at 160°C for 2h30 Operating indicator by LED
Starting method	Starting and protection of the cycle by a key switch
Options and conformities	
Options	<ul style="list-style-type: none"> • Chart recorder • Key door lock • Characterization 9 points according to EN60068-3-11 • Stainless Steel Perforated shelf • Lowenstein trays • 4 castors • Basement with or without castors • Additional cable entry port
Supplied with	<ul style="list-style-type: none"> • 2 shelves • 1 power cord • User manual
Certification / Conformities	<ul style="list-style-type: none"> • Equipment meets the specifications and CE compliant to EN60068-3-11 • 2014/35/UE – Low voltage directive • 2014/30/UE – EMC directive, Class A device • 97/23/CE – Under pressure devices
Shipping	
Shipping dimensions (H x W x D)	920 x 750 x 670 mm / 36.2 x 29.5 x 26.4 in
Shipping weight	69 kg / 152.1 lb

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FP_BE120/EN_rev1.0 | 08/2019

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