

# Bio Performance

## BP714 Large Volume Incubator



### Precise and Homogenous.

Accurate and durable laboratory incubators with natural or forced convection available with or without refrigeration. Froilabo's range of laboratory incubators provide flexible solutions suited to a variety of applications. Supporting capacities from 60 litres to 1,300 litres they are suitable for large and small laboratories.

#### PERFORMANCE (Ambient temp: 22°C)

Temperature range	+7°C to 60°C
Homogeneity at 37°C	<+/-0.3°C
Temporal stability	<+/-0.2°C

#### WARRANTY

Parts	2 years
-------	---------



### Class II

Overtemperature Safety



### 8 mins

To rise from 18°C to 60°C

# Technical Specifications

## BP714 LARGE VOLUME LABORATORY INCUBATOR

### GENERAL SPECIFICATIONS

Net Volume	735 L
Ext Dimension (W x D x H)	1130 x 855 x 1760 mm / 44.5 x 33.6 x 69.3 in
Int Dimension (W x D x H)	990 x 550 x 1350 mm / 39 x 21.7 x 53 in
Ext Construction	Electrogalvanised steel with epoxy paint
Int Construction	Brushed stainless steel inner tank
Net Weight	245 kg / 540.1 lb
Standard Construction	Fully closed doors / Safety glass inner doors for better insulation / 1 power cord (1.5m) / 4 levelling feet
Shelves (W x D)	975x 475 mm : 2 anti-tilt stainless steel perforated shelf as standard (max/shelf: 70 kg distributed). Maximum numbers of shelves : 17 (max total weight : 170 kg)
Ambient Temperature	From +18°C to +32°C
Environment	Indoor use only, not designed for use in explosive atmospheres (ATEX)
Warranty	2 years

### HEATING SYSTEM

System	Heating convection ensured by fan (no risk of conduction or radiation)
Ventilation	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	High temperature / Overtemperature safety class II according to the European standard EN 61010-2-010 (DIN 3.1 equivalent)
Type of alarm	Visual
Energy consumption	2000 W
Types of power supply	Voltage 230V ~ +/-10%, 50 Hz + Three-phase

### PERFORMANCES (AMBIENT TEMPERATURE +22°C)

Temperature range	Amb + 7°C to 60°C, 1/10th degree display (set and actual temperature)
Temporal stability	+/-0.2°C
Homogeneity at 37°C	+/-0.3°C

### OPTIONS & CONFORMITIES

Options	<ul style="list-style-type: none"><li>• Variable flow extractor from 0 to 200m<sup>3</sup>/hour, external diameter 75mm</li><li>• Additional wall passage diameter 50 mm with sealing plug</li><li>• Perforated stainless steel shelf</li></ul>
Supplied with	2 Shelves, 1 power cord & User manual
Certification / Conformities	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
Shipping weight	255 kg / 562.2 lb
Shipping dimensions (W x D x H)	1200 x 860 x 2000 mm / 47.2 x 33.9 x 78.7 in