

DATA SHEET

MEDIBIOS basic Reference bsc

The device described in the present document is a diffuser of ready-made liquid solutions such as:

- Medical devices
- Biocides
- Sanitizers

Before using the device, please read the user manual.

MANUFACTURER:

Amil Care Corp.

Web site: www.amilcarecorp.com

General

Name: MEDIBIOS

Model: basic

Reference: bsc

Purpose: Sanitation - Disinfection - Disinfestation (pest control)

Use: in closed rooms

Medical Device Classification: class I

Appliance class: class I

Technical characteristics

- Power: 1000 WATT
- Supply voltage: 120 Volt \pm 3%
- Mains frequency: 50 - 60 Hertz
- Fuses: 10 A
- Turbine rotating speed: 22000 rpm
- Bottles capacity: 1 Lt
- Empty weight: 9,2 Kg
- Service temperature: from 5 °C to 40 °C
- Motor with thermal safety switch tripping at 80 °C
- Dimensions (cm): W 55 x D 35 x H 44
- Body material: Makrolon® Polycarbonate
- 2 pivoting emission nozzles
- Particle size: from <1 to 5 μ m
- Hourly consumption: 1.500 ml/h \pm 10% ▪ Treatable volume: from 10 to 1000 m³

Chart of consumption and emission duration (1ml/m³)

For example:

Cubic Meters	Cycle Time in seconds	Consumption in ml
1	2,4	1
10	24	10
100	240	100
1000	2400	1000

Features of the electronic unit

- Displaying and settings in four languages (Italian, English, Spanish and Portuguese) ▪ Pre-set programs:
 - 15 programs pre-set as follows: from program 1 to program 5 the protocol 1ml/m³ is applied, from program 6 to program 10 the protocol 3ml/m³ is applied, from program 11 to program 15 the protocol 5ml/m³ is applied. The user can input the cubic metres to be treated for each program. The input cubic metres are recorded by the electronic unit but they can be modified as necessary
 - A program called "WASHING CYCLE" allows emptying the pre-load tank and cleaning the pipes inside the device with distilled water. This operation is useful every time a disinfection (pest control) cycle is followed by one of disinfection or vice-versa.
- The cycle of disinfection or disinfection (pet control) can be started in two ways:
 - manual at any time
 - automatic (weekly planning)
- Advanced warning cycle start
- Reading of the room temperature
- Alarms signalling
- For each cycle the apparatus memorizes the number of used program, its duration, the day in which it has been performed, the ambient temperature, start and end time and a possible alarm that signals the interruption of the said cycle. The result of the treatments can be saved on a pen drive USB.