



MANUAL DE INSTRUÇÃO



AIR STERILIZER
MOBILE MODEL

STERIAIR

REV. 00 - CÓD 2926





01.
Presentation
02.
Technical Specifications
03.
Technical Specifications
04.
Console operation
05.
Instructions for use
06.
Maintenance
07.
Warranty Term



PRESENTATION

You have just purchased SOLIDSTEEL equipment, specially developed to provide you with the assurance of maximum accuracy in your laboratory testing.

So that you can work safely and without problems, we advise you to read this manual completely in order to achieve satisfactory results that will guide you in the correct use of the equipment and its conservation.

Knowledge about SOLIDSTEEL AIR STERILIZER their performance and increases their durability and benefits.

The Warranty Certificate is at the end of this manual.

SOLIDSTEEL is at your entire disposal to clarify any doubts, as well as to receive your opinion about our product.

Please contact our technical assistance:

adm6@solidsteel.com.br

TECHNICAL SPECIFICATIONS

► STRUCTURE

- SAE 1020 carbon steel plate;
- Anti-corrosion treatment;
- Textured epoxy electrostatic painting;
- Wall mounting fittings;
- Security fuse holder;
- ON/OFF button;
- Selector switch.

► INCLUDED ACCESSORIES

- Input cable with 3-pin plug - NBR14136;
- 10 filters;
- Mobile base;
- 4 swivel casters, 2 with locks;
- 21 screws;
- 4mm Allen key;
- Security fuse.

► OPTIONALS

- External stainless steel;
- Time counter.

ABOUT THE PRODUCT

SteriAir sterilization system has germicidal ultraviolet irradiation as an active feature, obtained through 20W germicidal UV-C lamps. SteriAir is an important ally against transmitted aerobiological infection and especially cross-infection.

Mounted on phosphatized steel plate with epoxy paint and coated polished aluminum, the SteriAir is a device that is easy to install and simple to operate.

It works with a forced airflow system that conducts the air inside the sterilization chamber, with the capacity to sterilize 120m³ per hour.

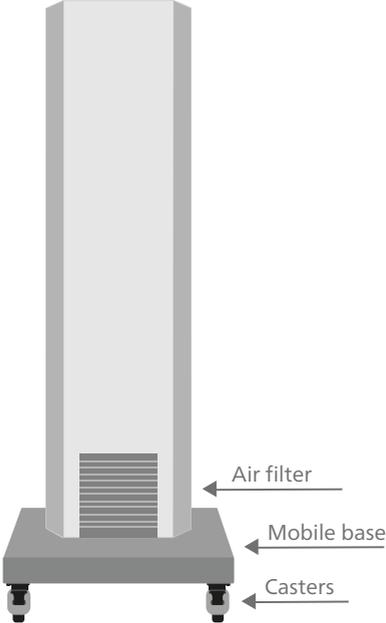
TECHNICAL SPECIFICATIONS

MODEL	CAPACITY	DIMENSIONS (HxWxD)	LAMPS	POWER
STERIAIR 12OC MOBILE	120 m ³ /h	94x52x22 cm	4 units	94 watts

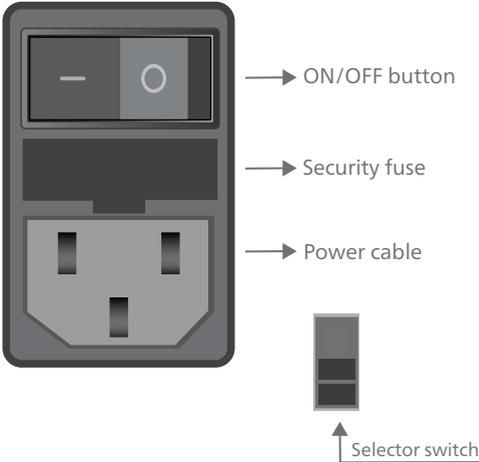
AIR CIRCULATION	Forced ventilation, low noise
LAMPS	Germicidal UVC Fluorescent
FILTER	Particulate filter for easy cleaning
POWER CABLE	CWith 3-pin plug, two phases and one ground, NBR 14136
POWER	Bivolt 110V or 220V, with selector switch

CONSOLE OPERATION

STERIAIR FRONT



STERIAIR SIDE



Label with serial number and model

INSTRUCTIONS FOR USE

INSTALLATION AND OPERATION

- 1** Install the swivel casters on the base.
Note: the locking casters must be installed on the same side.
- 2** Screw the base with the casters onto the SteriAir.
Note: SteriAir already contains 5 built-in nuts.
- 3** Before plugging the equipment into the socket, use the selector switch to set the voltage compatible with the mains: 110V or 220V
- 4** Set the operating button on the side of the equipment, to "ON". SteriAir will start up.



DO NOT SPILL LIQUIDS ON THE FRONT OF THE EQUIPMENT TO AVOID ELECTRICAL DAMAGE. IF THE FUSE BLOWS, ALWAYS REPLACE IT WITH ANOTHER ONE OF THE SAME AMPERAGE. THE REPLACEMENT OF A BLOWN FUSE DOES NOT LEAD TO LOSS OF WARRANTY, BECAUSE IT IS AN EQUIPMENT PROTECTION DEVICE.

REPLACEMENT OF COMPONENTS

CHANGING THE FUSE:

- 1**
 - Remove the fuse protection cover, replace the fuse and put another one of the same voltage;
 - If the problem persists, contact technical assistance

CHANGING FILTERS:

- 2**
 - Each equipment has 10 filters to change when necessary;
 - The filter placement and removal compartment is located at the bottom of the equipment;
 - Carefully remove the protective grid;
 - Remove the filter by holding the edges and replace with a new filter;
 - Replace the protective grid;
 - We recommend checking weekly to see if they need replacing.

CHANGING UV-C LAMPS:

- 3**
 - UV-C lamps are effective in 8000 hours of use;
 - After that, you must replace them;
 - For replacement, look for authorized technical assistance.



UV-C LAMPS USED IN OUR STERIAIR WAS DEVELOPED TO WORK PROPERLY WITH OUR EQUIPMENT; OTHERS ON THE MARKET MAY NOT ACHIEVE THE SAME EFFICIENCY, QUALITY AND HEALTH SAFETY. WE ADVISE YOU TO PURCHASE THE LAMPS DIRECTLY FROM SOLIDSTEEL WHEN THERE IS A NEED FOR REPLACEMENT.

MAINTENANCE

PROBLEMS	POSSIBLE CAUSES	SOLUTIONS
Sterirair not turn on.	a) Electrical energy outage. b) Blown fuse	a) Check the condition of the socket. b) Check that the position of the reversing switch and the amperage of the fuse match the mains voltage.
Speed reduction.	Dirty filter.	Change filter
No air circulation	Fan burnt out	Replace the fan (Contact technical assistance)
Sterirair's effectiveness	Lamps or transformers burned out	Changing lamps and/or transformers (Contact technical assistance)



CAUTIONS

- During use it is recommended to constantly monitor the equipment, checking the time and temperature values. In case these values change, turn off the equipment regardless of the safety systems' actions;
- Always keeping the product periodically clean;
- Never wet the electrical parts or spill liquid inside the equipment. This can cause a short circuit and electric shock;
- Promote periodic cleaning with a damp cloth without the use of chemical agents. Perform sterilization procedures according to the appropriate standards;

WARRANTY TERM

WRITE DOWN HERE THE SERIAL NUMBER OF YOUR EQUIPMENT, IT IS YOUR GUARANTEE:



This device is warranted to the first purchaser against defects in workmanship or material for a period of twelve months from "pro-rata-die". Not covered by this warranty are parts manufactured by third parties and parts that suffer natural wear and tear from use, such as springs, plastic or nylon parts, electrical and electronic components, etc.

THIS WARRANTY WILL LOSE ITS VALIDITY IF ANY OF THE FOLLOWING SITUATIONS ARE VERIFIED:

- Change in internal parameters of the digital controller without prior consent of the manufacturer;
- The equipment has suffered damage caused by falls, natural phenomena, inadequate electrical installation and/or misuse;
- The equipment has been serviced by a person not authorized by the factory and/or non-original parts;
- Clumsiness, imprudence and/or negligence in its handling and operation;
- The serial number is not presented together with the referred Purchase Invoice. This warranty applies only to spare parts, repairs, and adjustments;
- The buyer shall bear all expenses resulting from: Freight, carriage, accessories for shipments and repair returns.



SolidSteel

Comendador Leopoldo Dedini Avenue, nº 150

Industrial District Unileste | Piracicaba | SP

CEP: 13422-210 | CNPJ: 18.429.007/0001-99

INSC. E: 535.615.450-112

SAC: 08000522991

CREA-SP: 2167261

solidsteel.com.br

