

T200520.9.0



Airfree®
AIR PURIFIERS



Airfree® Tulip 1000

Index

Safety Instructions	2
Airfree® and Mold.....	3
Installing and Connecting	3
How does Airfree® Work?.....	4
What Airfree® Destroys	4
Technical Characteristics	5
Airfree® Description	5
Frequently Asked Questions	6
Warranty	8

Copyright 2017 Airfree® Productos Electrónicos S.A. All Rights Reserved.

No part of this publication may be reproduced, photocopied, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means without the express prior written consent of Airfree® Productos Electrónicos S.A.



Read operator's manual before usage.



For indoor use only.



Double insulated electrical appliance.



When discarding this product, it must be sent to separate collection facilities for recovery and recycling. By separating this product from other household-type waste, the volume of waste sent to incinerators or land-fills will be reduced and natural resources will thus be conserved.

Safety Instructions



Airfree® is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge. Children should be supervised to ensure that they do not play with the appliance.



Do not place your Airfree® in direct contact with water or liquids as it can cause an electric and harmful shock hazard and damage to the unit itself.



Do not obstruct Airfree® air outlets with items such as towels, clothing, curtains, as it will increase heating inside the ceramic core causing the device to shut off. If such condition persists a general cut-off system will cut power supply requiring replacement of the circuit board by an authorized dealer. This incident is not covered by the Airfree® warranty.



Do not attempt to open Airfree® or touch its internal components. Do not insert any objects as it may cause electric shock. Any attempt to open or tamper Airfree® will void the warranty.



To clean Airfree®, unplug it from the electric outlet and use a dry cloth to wipe off its surface. Do not attempt to open Airfree® to clean it inside which is not necessary.



Always keep Airfree® in its vertical position as shown in the picture, otherwise the unit will be shut off until it goes back to the vertical position. In models with Night Light option, the illumination top leds will become intermittent.*



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons or any authorized warranty service shop to avoid potential hazard events. When returning your Airfree® for repair please make sure it is well protected preferably inside its original box, to avoid additional damages.



Airfree® shall not be placed near flammable and toxic products.

(* Please see the session “Technical Characteristics“ in order to check if your model has the multi-color Night Light feature.

Airfree® and Mold

Allow your unit to run for at least one week to achieve significant airborne mold spore reduction. It is important to stress that Airfree® will not destroy or remove mold from an infected item or surface. Those surfaces must be cleaned manually since they are a continuous source of new spores. Airfree® will destroy airborne molds, spores and prevents them from contaminating other areas, inhibiting the growth of existing and new colonies.

Installing and Connecting



Plug power cord into the nearest outlet. Make sure the surface is dry (never place Airfree® on wet floor or immerge it in water). Make sure side led light is on. Adjust the multi-color Night Light intensity with the touch sensor. After 30 minutes the top lid should be warm.*



Place Airfree® on a flat surface preferably not exceeding 3' from the floor, not under furniture, shelves, or behind curtains as it will interfere with air flow and Airfree® efficiency in reducing destroying microorganisms.



Check if the area is compatible with the unit capacity to achieve best unit performance. Using Airfree® in rooms larger than its capacity will greatly reduce its purifying capacity.



Airfree® must be continuously on in the same room, 24 hours a day. Nevertheless, temporarily removing it from the room will allow new microorganism contamination to grow but it will be destroyed when Airfree® is plugged in again. The longer the period without Airfree® the higher the new contamination in the room.



Airfree® is to be used preferably in rooms larger than 43 ft² or 353 ft³.



Rooms with air condition or ventilation will not affect the air sterilization efficiency of your Airfree®. Same for Heating systems.



Airfree® can be placed in corridors but the air sterilization effects will barely have any effect in connecting rooms.



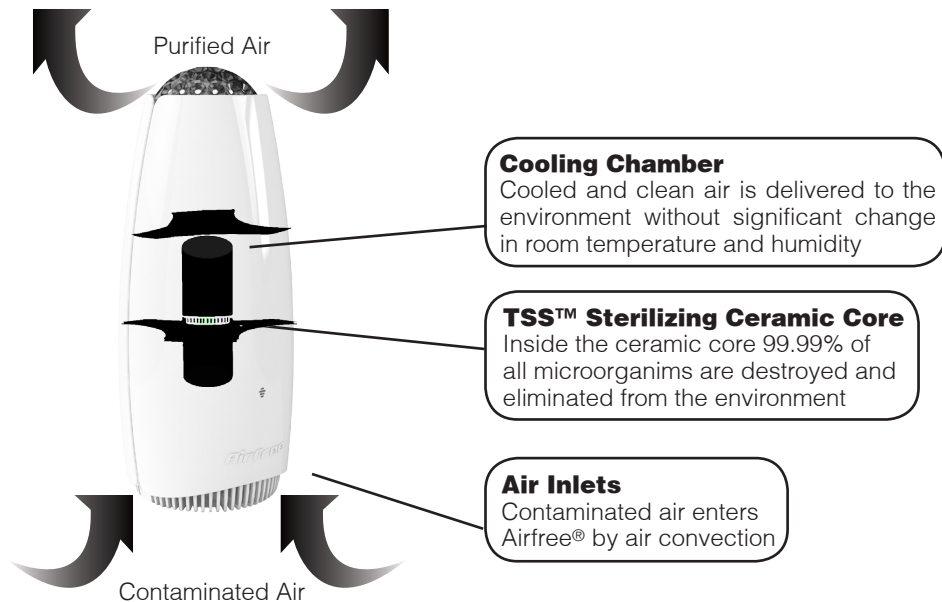
Avoid place the unit near open doors or windows to prevent some of the sterilized air to exit the room.



To dim On to OFF the top lights simply continuously touch the horizontal lines over the Airfree® logo with one or two fingers. Each single touch will change colors on models with multi-color Night Light function, for the random mode, switch the lights to pink and stop.*

(*) Please see the session “Technical Characteristics“ in order to check if your model has the multi-color Night Light feature.

How does Airfree® Work?



Regardless of how hazardous a virus, fungus or bacteria might be they are fully destroyed by the powerful heat inside the TSS™ ceramic core mini ducts. The heat inside the ceramic core forces sterilized air up to the heat exchanger causing air convection, which generates negative pressure underneath the ceramic core, so contaminated air is “sucked” in at Airfree® bottom air inlets in a continuous, silent, and efficient air flow.

What Airfree® Destroys



Mold and Mildew



Dust Mites Allergens



Organic Odors



Ozone (O₃)



Viruses



Pet Dander Allergens



Bacteria



Pollens

Technical Characteristics



Model	Tulip 1000
Capacity	450 ft ²
Electric Consumption	44W
Voltage	120V
Noise	Totally Silent
Weight	2,4 lb
Dimensions	Height: 13,3 in Ø: 5,7 in
Color	White

Multi-color Night Lights available in the Airfree® Tulip 1000

Airfree® Description

1- Top lid with air outlets and multi-color Night Light/Illumination

2- Side shells

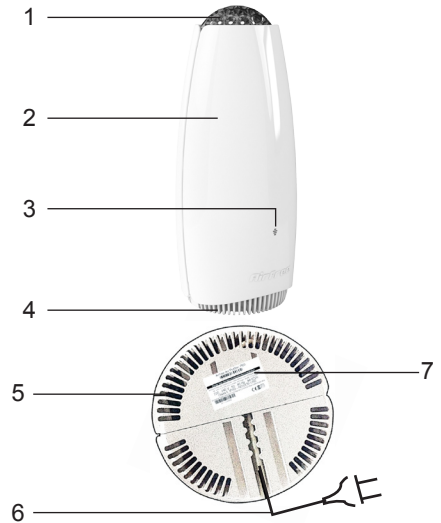
3- Light control sensor
On/Off led

4- Base

5- Air inlets

6- Power cord

7- Serial number



The top multi-color Night Light does not interfere with the TSS™ air sterilization process of your Airfree®.

Frequently Asked Questions

1. Are there any side effects?

No. Airfree's new technology uses heat to purify the air with meaningless heat contribution to the room. No side effects, no emissions, NO IONS, nor new particles are generated. Airfree® can be used in homes and offices, quietly, constantly, and efficiently purifying the air.

2. How do I shut the multi-color Night Light off?*

To dim or shut them off, please check page 4 item 2 of this manual.

3. The top lights are blinking. What does that mean?

On models with top lights it indicates that Airfree® is not correctly placed. Please make sure the device is in its vertical position.

4. Can I install Airfree® in my walking closet ?

Yes if larger than 2x2 meters (43 ft² or 353 ft³). Otherwise it might warm up the closet.

5. Can I use Airfree® in air conditioned rooms?

Yes.

6. How do I know if Airfree® is no longer working?

Check the top lid, if cold the sterilization system is not working. Please connect it to another outlet and make sure the unit is in its vertical position for at least 1 minute.

7. Can I place Airfree® at the corridor to reach adjacent rooms?

No. Airfree® will just reduce air pollution in the corridor's area.

8. Can I place Airfree® in a closed room?

Yes. Please remember such a room must have at least 43 ft² (353 ft³).

9. Should I turn off Airfree® when I leave house?

To achieve best performance we recommend to keep Airfree® always on. Turning the unit off will stop the sterilization process allowing the room contamination to grow.

10. Can I change Airfree® from one room to another?

Airfree® must always be plugged in the same room 24 hours a day. Airfree's patented technology works gradually so, when removing it to another room the contamination in the original room will start to increase.

11. What happens if Airfree® is disconnected or there was a black out?

Airfree® will take approximately the same time to recover the previous reduced contamination level.

12. Does CADR measure the effectiveness of the Airfree®?

Not at all. CADR is not designed to test the Airfree® technology. The AHAM seal (usually found on the back of an air cleaner's box) lists three Clean Air Delivery Rate (CADR) numbers: one for tobacco smoke, one for pollen and one for dust. The CADR indicates volume of filtered air delivered by an air cleaner. The reason why CADR is not designed for Airfree® is because Airfree® does not filter but destroys microorganisms instead, such reduction of bacteria, molds, viruses and other microorganisms can only be measured after air sample incubation in a microbiology lab. Airfree® destroys (not trap or attract to other surface) any microorganism regardless of how small they might be. 99.99% of all microorganisms are fully destroyed when passing through the Airfree® patented ceramic core.

13. Does Airfree® eliminate bacteria and viruses?

Yes. Unlike the air filters in the market Airfree® is more efficient with the smallest microorganisms as they are easily carried by Airfree's airflow into the sterilizing TSS™ ceramic core. Please check the independent bacteria and virus tests at our website.

14. How does Airfree® destroy dust mites?

Mold reduction in the environment causes reduction in the mold dependant dust mite population. Airfree® also destroys the harmful toxins and fungus freed into the air by dust mite feces and skeletons that trigger respiratory allergies and asthma.

15. How does Airfree® eliminate fungi and molds?

As mentioned before, Airfree® eliminates airborne microorganisms there included molds, fungi and spores. By eliminating spores new mold colonies are unlikely to develop, representing less future airborne mold spores. Please check the independent mold tests at our website.

16. Does Airfree® reduce tobacco smell?

Slightly.

17. How does Airfree® destroy viruses?

Those microscopic microorganisms are easily eliminated inside Airfree's ceramic core capillaries. Contrary to other technologies the smallest the microorganisms the easiest they are destroyed inside the TSS™ ceramic core capillaries. Please check the independent virus test at our website.

18. Does Airfree® make any humidity level change in the room?

No.

19. Does Airfree® release any gas or chemical product?

No. Airfree's sterilization process is natural. Please check our website for conclusive tests regarding particles and ozone.

20. Does Airfree® heat up a room?

Airfree® does not make any noticeable increase in the room temperature. Just for comparison two Airfree® devices plugged in the same room will contribute as much heat as one 70 kg adult.

21. Does Airfree® need filter replacement?

No.

22. Where do the microorganisms go after they are destroyed?

All living microorganisms are basically composed by carbon, oxygen and nitrogen. Since Airfree® reaches nearly 200 °C, all the components decompose into carbone dioxide (the same product released by our respiration) and water. Some carbon (or microscopic ashes) may remain inside the device or over the top lid during the process. It should be noted that all happens in a microscopic level, so all those residues are a very small fraction of the microorganisms original microscopic size, in other words meaningless.

23. How does the multi-color Night Light work?*

This function offers 10 adjustable light colors, which are Red, Rose, Violet, Blue, Light Blue, Green, Yellow Orange, Brown and Grey. Choose your favorite night light color and its intensity or simply choose for the random mode and let the colors change softly.

(* Please see the session “Technical Characteristics“ in order to check if your model has the multi-color Night Light feature.

Warranty

This product is warranted by AIRFREE® PRODUCTS, to the original purchaser to be free from defects in material and workmanship under proper use for a period of two years from date of purchase. During this period, and upon presentation of purchase invoice, this product will be repaired or replaced with same or similar model without charges for parts or labor at distributor address. To be eligible for the warranty, please keep your purchase receipt. We advice you to register your device warranty at www.airfree.com. To obtain warranty service, please send the device with sales receipt or invoice to the distributor. This warranty does not apply to a product that has been misused, abused, or altered without limiting the aforementioned, bending or dropping the unit, defects in the house electrical installation or fluctuating power levels that are considered to be defects resulting from misuse or abuse. AIRFREE® PRODUCTS and its affiliates or wholesalers do not make any specific claim as to medicinal uses of this product nor does the manufacturer warrants that the equipment prevents diseases.

NEITHER THIS WARRANTY NOR ANY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING IMPLIED WARRANTIES OR MERCHANTABILITY, SHALL EXTEND BEYOND THE WARRANTY PERIOD. NO RESPONSIBILITY IS ASSUMED FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS; SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. AIRFREE® PRODUCTS HEREBY SPECIFICALLY DISCLAIMS ALL EXPRESSED WARRANTIES NOT OTHERWISE SET ORTH HEREIN AND ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR IMPLIED WARRANTIES FOR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. This warranty gives you specific legal rights; you may have other rights, which vary from state to state, and country to country.

*AIRFREE® PRODUCTS, Rua Julieta Ferrão 10, 9th Floor, 1600 -131 Lisbon, Portugal

Phone: 351 - 213 156 222

Fax: 351 - 213 516 228

Web: www.airfree.com

Email: info@airfree.com