

T800520.1.5
10/09/2020



Airfree® Tulip 40 / Tulip 80
Babyair 40 / Babyair 80



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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 authorised 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 and the On/Off led will shut off.*



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons or any authorised 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 read carefully the “Technical Characteristics“ in order to check which models incorporate the Night Light or multi-colour Night Light features.

Installing and Connecting



Plug the 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 the On/Off led is on. Adjust the 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 75 cm from the floor, not under furniture, shelves, or behind curtains as it will interfere with air flow and Airfree® efficiency in 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 4 m² or 10 m³.



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



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



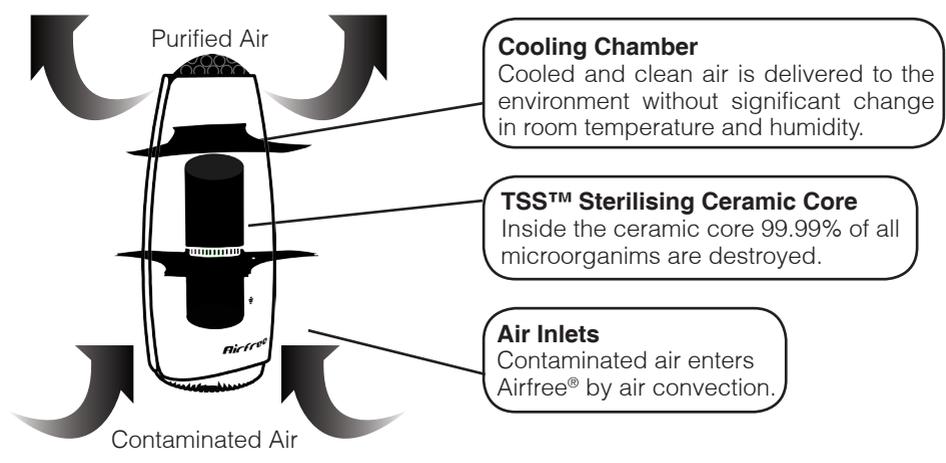
Avoid place the unit near open doors or windows to prevent some of the sterilised air to exit the room.

Technical Characteristics



Model	Tulip 40	Tulip 80	Babyair 40	Babyair 80
Capacity	16 m ²	32 m ²	16 m ²	32 m ²
Electric Consumption	37 - 45 W	43 - 53 W	37 - 45 W	43 - 53 W
Voltage	220 - 240 V			
Noise	Totally Silent	Totally Silent	Totally Silent	Totally Silent
Weight	1.1 kg	1.1 kg	1.1 kg	1.1 kg
Dimensions	Height: 33 cm Ø: 14.5 cm			
Colour	White	White	White	White
Multi-colour Night Light	Yes	Yes	No	No
Star Night Light Projection	No	No	Yes	Yes
Change colour	Touch the embossed touch sensor. Each touch a different colour	Touch the embossed touch sensor. Each touch a different colour	Touch the embossed touch sensor. Each touch a different colour	Touch the embossed touch sensor. Each touch a different colour
Light intensity	Continuously touch the embossed touch sensor			
Random mode	Stop at pink colour	Stop at pink colour	Not available	Not available

How does Airfree® Work?



Cooling Chamber
Cooled and clean air is delivered to the environment without significant change in room temperature and humidity.

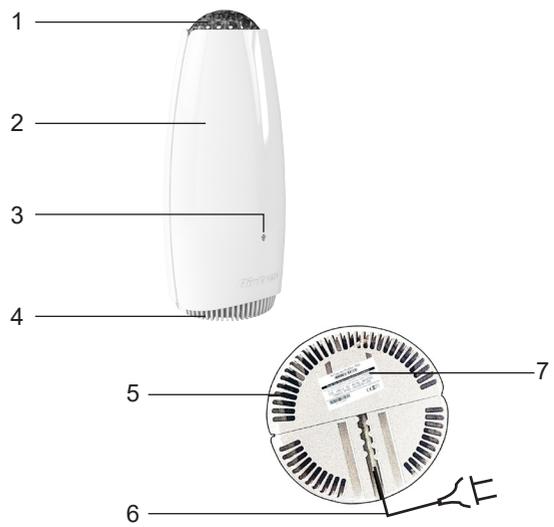
TSS™ Sterilising Ceramic Core
Inside the ceramic core 99.99% of all microorganisms are destroyed.

Air Inlets
Contaminated air enters Airfree® by air convection.

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 sterilised 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.

Airfree® Description

- | |
|---|
| 1 - Top lid with air outlets and multi-colour night light / illumination / Star Night Light projection* |
| 2 - Side shells |
| 3 - Embossed touch sensor |
| 4 - Base |
| 5 - Air inlets |
| 6 - Power cord |
| 7 - Serial number |



The top Night Light does not interfere with the TSS™ air sterilisation process of your Airfree®.
(*) Please read carefully the “Technical Characteristics” in order to check which models incorporate the Night Light or multi-colour Night Light features.

Frequently Asked Questions

1. How do I know if my Airfree® is working?

Check the top lid, if cold the sterilisation 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.

2. 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.

3. How do I shut the Night Light, tar Night Light Projection or the multi-colour Night Light off?*

To dim or shut them off, please check "Installing and Connecting" of this manual.

4. 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.

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

Yes if larger than 2x2 meters (4 m² or 10 m³). Otherwise it might warm up the closet.

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

Yes.

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 4 m² (10 m³).

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 sterilisation 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. 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 helps destroy microorganisms instead. Such reduction of bacteria, moulds, viruses and other microorganisms can only be measured after air sample incubation in a microbiology lab. Airfree® helps destroy (not trap or attract to other surface) any microorganism regardless of how small they might be. Microorganisms are fully destroyed when passing through the Airfree® patented ceramic core mini ducts.

12. 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.

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 sterilising TSS™ ceramic core. Please check the independent bacteria and virus tests at our website.

14. How does Airfree® destroy dust mites?

Mould reduction in the environment causes reduction in the mould 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 moulds?

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

16. How does Airfree® help 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.

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

No.

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

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

19. 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.

20. Does Airfree® need filter replacement?

No.

21. Does Airfree® Night Light interfere with Airfree® sterilising function?*

No. The Night Light has an aesthetic effect and may simply be used as a Night Light in children or newborn bedrooms.

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 carbonyl 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-colour Night Light work? **

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

24. How does the Star Night Light Projection work? * **

This function offers 3 adjustable light colours, which are Red, Blue and Green. Choose your

favorite Star Night Light Projection colour and its intensity or simply choose for the random mode and let the colors change softly.

(* Please read carefully the "Technical Characteristics" in order to check which models incorporate the Night Light, Star Night Light Projection or multi-colour Night Light features. (** Please read carefully the "Airfree® Description" to confirm the correct location of the colour control / light intensity touch sensor.

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 advise 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 afore mentioned, 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.

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