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Airfree® WM 140 / WM 300 / WM 600



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Read operator's manual before usage.



For indoor use only.



Basic-insulated, earthed 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.

## Installing and Connecting



Drill 3 holes spaced apart, following the attached diagram\*. After drilling the 3 holes, install the enclosed 2 top screws leaving a 2mm free distance from the wall. Hang Airfree® from the 2 top screws. In sequence, install firmly the third screw over the Airfree® bottom screw holder to prevent Airfree® from moving. Make sure Airfree can not be removed after installation by exercising upward pressure.\* The single bottom hole is to be preferably drilled at 15 cm from the floor level just for the WM 140 series.



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. After 30 minutes the top lid should be warm.\*



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 m<sup>2</sup> or 10 m<sup>3</sup>.



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.



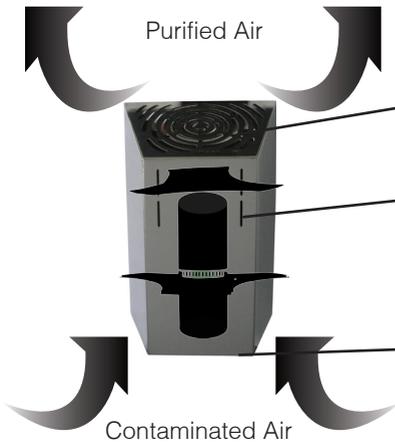
Avoid place the unit near open doors or windows to prevent some of the sterilised air to exit the room.

## Technical Characteristics



Model	WM 140	WM 300	WM 600
Capacity	32 m <sup>2</sup>	60 m <sup>2</sup>	100 m <sup>2</sup>
Electric Consumption	43-53 W	78-93 W	153-183 W
Voltage	220-240 V	220-240 V	220-240 V
Noise	Totally Silent	Totally Silent	Totally Silent
Weight	1.50 kg	4.15 kg	4.60 kg
Dimensions	Height: 31 cm Width: 11.6 cm Length: 17 cm	Height: 60 cm Width: 15 cm Length: 20 cm	Height: 60 cm Width: 15 cm Length: 20 cm

## 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.

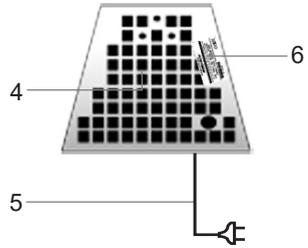
### Air Inlets

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 |
| 2 - On/Off led               |
| 3 - Bottom Lid (*)           |
| 4 - Air inlets               |
| 5 - Power cord               |
| 6 - Serial number            |



Top lid with Air outlets (\*) WM600 has 2 leds (one for reach ceramic core).

## Frequently Asked Questions

### 1. How do I know if Airfree® is no longer 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. Can I install Airfree® in my walking closet ?

Yes if larger than 2x2 meters (4 m<sup>2</sup> or 10 m<sup>3</sup>). Otherwise it might warm up the closet.

### 4. Can I use Airfree® in air conditioned rooms?

Yes.

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

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

### 6. Can I place Airfree® in a closed room?

Yes. Please remember such a room must have at least 4 m<sup>2</sup> (10 m<sup>3</sup>).

### 7. 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.

### 8. 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.

### 9. 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, moulds, 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.

#### **10. 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.

#### **11. 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.

#### **12. 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.

#### **13. 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.

#### **14. 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.

#### **15. Does Airfree® make any humidity level change in the room?**

No.

#### **16. 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.

#### **17. 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.

#### **18. Does Airfree® need filter replacement?**

No.

#### **19. 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.

## 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](http://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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