

... more than just air[®]

AIRBUTLER

Homecare

Medicare

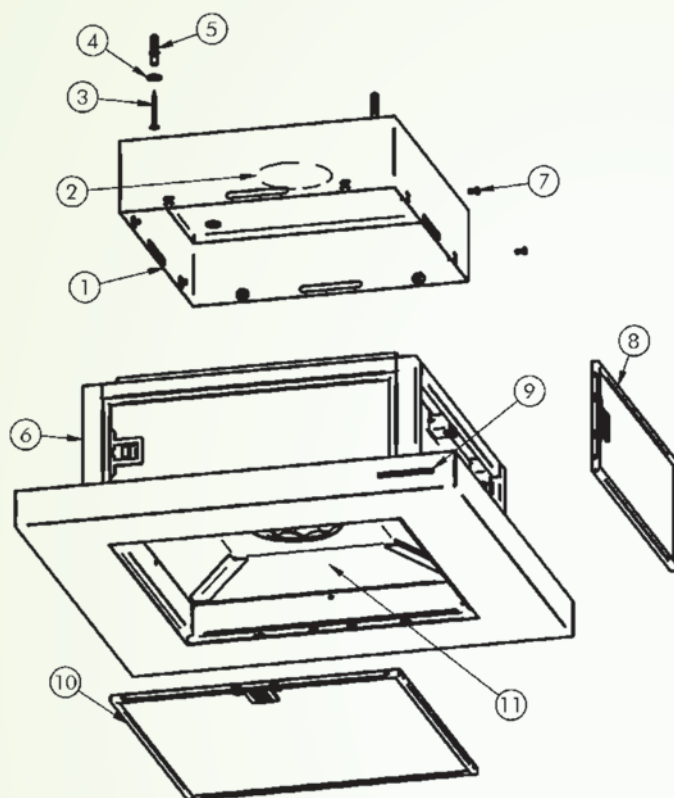


Activair 100

Installation Instructions and User Manual

AIRBUTLER® *Activair 100*

Technical Data:



- ① Ceiling mount
- ② Power cable outlet
- ③ Wood screw round head 5x50
- ④ Washer
- ⑤ Wall plug
- ⑥ Stainless steel chassis
- ⑦ Seating bolts M4x12 (Phillips)
- ⑧ Stainless steel filter 400x150 mm
- ⑨ 4-button control panel
- ⑩ Stainless steel filter 395x395 mm
- ⑪ Rotary controller for ozone generation time
- ⑫ Indicator lamp O³ ON/OFF

Please read this guide carefully and store it for future reference in order to make the best possible use of your Airbutler device.



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1. Safety and General Notes:

- The device may only be plugged into an isolated ground receptacle socket which has been installed according to regulations. The socket should be secured directly in the distribution box, if possible. The specifications can be found inside the device, on the identification plate which is visible when the stainless steel filter is removed.
- Only use the device when the stainless steel filter is inserted.
- Only remove the stainless steel filter when the device is turned off.
- Installation and initial operation may only be performed by a trained specialist.
- Before performing any cleaning or maintenance work, the device must be unplugged and disconnected from the electrical power supply.
- Regular maintenance ensures smooth operation and best performance.
- All dirty areas should be cleaned regularly and all deposits should be removed. The filters must be removed and cleaned at least every 14 days.

**!!! Disconnect the device from the
power supply before opening it !!!
Do not operate device without filter!**

The manufacturer does not accept responsibility for any problems caused by non-adherence to the above guidelines.



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Information on the ozone generator:

Ozone is a type of unstable air with a concentration of approx. 0.005 ppm, similar to the air by the ocean, in the woods or next to waterfalls. It serves a cleansing purpose in nature. If ozone is mixed with water, it causes a strong and fast reaction which cleanses water of dirt particles, bad odours and colour, and which has a strong antibacterial effect.

The chemical formula for ozone is O_3 , its molecular weight is 48 and it is unstable, blue air. Ozone consists of three oxygen atoms. The third atom has the effect of constantly breaking open the other two. During this process, it utilises the energy which is created in that moment in order to create oxygen, which then has the natural effect of destroying bacteria, neutralising odours, thinning poisons and bleaching agents etc. Without contact with substances which cause this process, ozone turns back into normal oxygen (O_2) under the influence of air humidity.

Information on the Ioniser:

A high concentration of negative air ions can be found in mountain air, sea air and in the air after an electrical storm, caused by UV radiation, thunderbolts and fine water drops which react with air molecules.

Negative ions can only exist in the room in which they were created, regardless of how powerful the Ioniser is. This can be explained by the fact that they only "live" for approx. 30 seconds and are moved around the room by natural air current. The size of the area for which the Ioniser can be used differs and usually depends on its size, power and the quality of the electronic components.

By using Ionisers, rooms can have a similarly dynamic balance between negative and positive ions as exists in undisturbed nature. Therefore, it is recommended to operate ion generators continuously in closed rooms. The air in our apartments is full of suspended particulates which afflict us. Dust (PM10) and smoke (e.g. from cigarettes) are suspended particle carriers of germs, bacteria and viruses. Negative air ions agglomerate these suspended particles electrically. They fall to the ground and can be removed when cleaning the room.



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2. Before Installation:

- Please ensure that the device has not been damaged during transport. If the device has been damaged, it must not be installed!
- Please make sure that the installation and the electrical connections are handled by a qualified specialist according to the specifications of the manufacturer and the official regulations.
- Please ensure that a three-conductor cable is included.
- The following parts are included in the Airbutler ACTIVAIR 100 box: included kit and cleaning set.



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3. Installation Guide:

Please ensure that there is no power during the installation.

Attention! Connection to the 230 V power line as well as the complete installation of the device has to be done without voltage, by a specialist.

1st step:

Loosen screws (7). Take ceiling mounting (1) off of chassis (6).

2nd step:

Determine the centre and mark it.

3rd step:

Mark the four drill holes on the ceiling using the ceiling mounting (fig. 1). Now drill the four holes into the ceiling and insert the four wall plugs (5) from the included kit.

4th step:

Please ensure that the power cable is at the centre on top of the device.

5th step:

Attach the ceiling mounting (1) to the ceiling using the four screws (3) from the by-pack kit.

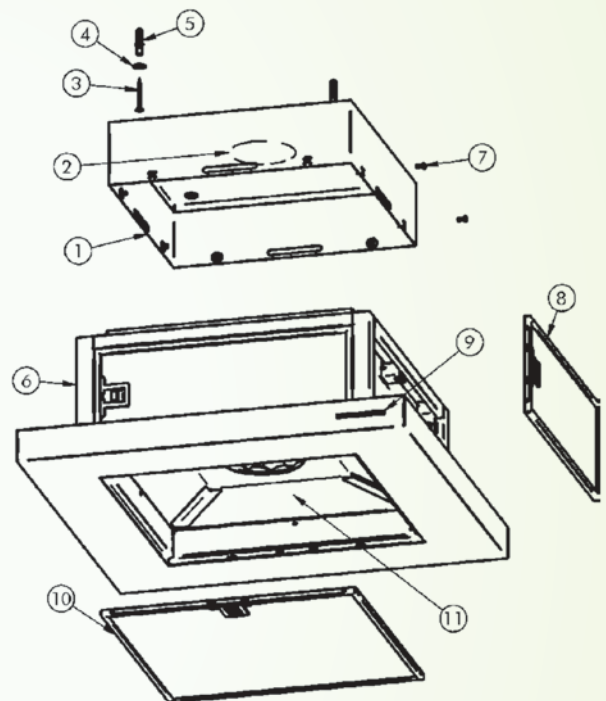
6th step:

Connect power.

The power connection has to be done with a three conductor plug by a specialist.

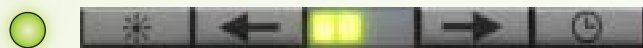
7th step:

Screw stainless steel chassis (6) to the ceiling mounting (1) using the eight previously loosened screws (7).



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4. User Manual:



4 button control with timer function with remote control



Turn on at level 1

Move to next level

Repeated pressing switches to levels 2, 3, and 4, and then turns the device off again



Turn on at level 4

Move to back level

Repeated pressing switches to levels 3, 2, and 1, and then turns the device off again



Timer button

After pressing the Timer button, the ACTIVAIR 100 operates another 10 minutes at the selected level and then automatically turns off. Each pressing of this button increases the lag time by 10 minutes, up to a maximum of 40 minutes. You can increase or decrease the device's level during the lag time. Turning off the device also deletes the lag time.



Ozone generator button

Press this button to turn the ozone generator on or off. If the ozone generator is active, the green LED next to the control panel is illuminated.

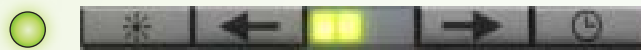





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5. Programming Instructions:

(if Remote Control does not work)

4-button control panel:



1.   Keep both buttons pressed until the green LED in the control panel lights up
2. Release both buttons at once.
3.  Press this button on the hand-held transmitter until the green LED next to the control panel lights up or turns off.

The new hand-held transmitter is now programmed for the AVCTIVAIR 100.

6. Control Knob:

for Ozone Generation Time (11)

The control knob (11) controls the ozone generation time as an interval. You can select four different levels.

- Level 1: 20 seconds on – 20 seconds off (default setting)
- Level 2: 30 seconds on – 20 seconds off
- Level 3: 40 seconds on – 20 seconds off
- Level 4: 60 seconds on – 20 seconds off

This means: The ozone generator produces (e.g. at the default setting) ozone for 20 seconds, then switches to stand-by for 20 seconds.....



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7. Cleaning – Maintenance – Filter:

Regular cleaning and sealing of the recirculation device and the stainless steel filters increases the operating life and ensures that you will be able to enjoy your ACTIVAIR 100 for the longest possible time.

General principle:
Disconnect the device from power before each cleaning!

External cleaning of device:

Each device comes with a cleaning cloth drenched in cleaning fluid for cleaning and maintenance. Apply the lotion to the device with gentle pressure, let it become dry to the touch and then polish in the direction of brushing. Do not polish in circles or against the brushing direction since this may cause scratches on the surface. After this treatment, seal the surface again with the cleaning fluid (as described above).

Internal cleaning:

When cleaning the stainless steel filter, remove deposits from the parts of the casing which can be reached. This ensures optimum performance of the device. Only clean with a fat-dissolving fluid or with Flamil 50 Super and a wet cloth.

Stainless steel filter:

Attention! Deposits can impair the performance of the Airbutler. Under normal operation, the stainless steel filter needs to be cleaned every 2 weeks. The filter should be cleaned with the cleaning fluid supplied with the device. However, cleaning the filter can also be done in the dishwasher or by hand. Cleaning with Flamil 50: Please read the cleaning instructions on the bottle. Cleaning by hand: Rinse the stainless steel filter thoroughly in soapy water several times.

If you clean the stainless steel filter in your dishwasher, do not include other dishes and do not use rinse agent. After cleaning, the stainless steel filter must be sealed using the stainless steel cleaning fluid.

The Airbutler is equipped with a micro switch which shuts off the power supply to the device if the filter is removed.

The device can only be operated if the filters have been inserted correctly.



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8. Customer Service:

Before requesting customer service, please check carefully using this user manual whether your problem involves a manufacturing fault, otherwise all resulting costs including travelling expenses are charged to the person requesting the service.

ATTENTION! We do not provide any warranty regarding air-related and electrical faults which are caused by operating an external motor.

If a fault has occurred, please call the customer service or request it via the enclosed customer service request card:

When doing so, please provide the following:

- ID number of the device (on the identification plate inside the device)
- Exact model designation (on the identification plate inside the device)
- Type of fault
- Date of delivery
- Your complete address and telephone number
- Supplier

9. Spare Parts – Accessories:

Filter cleaning fluid "Flamil 50 Super", 200 ml, item no. 250203

Stainless steel cleaning cloths, 5 pieces, item no. 250204

Stainless steel cleaning cloths, 10 pieces, item no. 250205

Stainless steel filter 395x395 mm, item no. 502046

Stainless steel filter 400x155 mm, item no. 502047



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10. Quality Control:

The devices are subjected to the following tests according to VDE 0701 Part 1 according to EN60335:

- Grounding test
- High voltage test
- Insulation test

Functional test and performance test Mechanical inspection

Furthermore, an inspection is performed to check the completeness of the accessories. This product has been designed, built and marketed in compliance with the safety requirements of the EG/73/23 "low voltage" guideline and the safety requirements of the "EMC EG/336/89" guideline, altered by guideline EG/68/93.



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11. Warranty:

Valid within the European Union.

The following conditions which specify the requirements and scope of our warranty conditions do not affect the seller's warranty obligation from the purchase contract with the consumer.

According to the following condition, we will rectify free of charge any defects or faults of the device which are verifiably caused by a factory error if they are reported immediately after detection and within 24 months after delivery to the end user. The warranty does not extend to easily breakable parts, such as e.g. glass or plastic or light bulbs. A warranty obligation is not triggered by minor deviations from the nominal condition which are insignificant in terms of the device's value and its fitness for use, by damages due to chemical and electrochemical reactions to water and by abnormal environmental conditions in general.

Fulfilment of the warranty is handled in such a way that we choose to either repair defective parts or replace them with faultless parts, free of charge.

Repairs at the location where the device is installed can only be demanded for stationary (fixed) large devices. The warranty expires if repairs or modifications are made by persons who have not been authorised by us, or if our devices have been equipped with additional or spare parts which are not approved for our devices.

The warranty period is 24 months. We fulfil the warranty without charging incidental expenses (shipping and handling costs), warranty adjustments neither cause an extension of the warranty period nor do they start a new warranty period. The warranty period ends with the warranty period for the entire device.

Further or different claims, especially those regarding a reimbursement for damages which occurred outside of the device – provided there is no statutory legal liability – are excluded.

We offer customer service even after the end of the warranty period if you have no access to other repair shops.



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12. Correct Disposal of the Product:



At the end of its lifecycle, the product must not be disposed of with general household waste. Please bring the device to the collection points provided by urban administration or to specialist shops offering a return service. EC Directive 2002/96/EG

13. ROHS-Richtlinien:



We, AIRBUTLER INTERNATIONAL, are confirming that all our products are conform to the EU legislation regarding the RoHS directive.

14. Summary of Technical Data:

| | |
|----------------------------------|---|
| Product description | Recirculation system with ionisation and ozone generator |
| Model | Airbutler ACTIVAIR 100 |
| Specifications | Nominal voltage 230 V/50 Hz |
| Nominal power of ozone generator | 6 W |
| Ozone output | 100 mg max., clocked at 60/20 seconds Effective 75 mg |
| Ioniser | 4 x 10 W |
| neg. ions | 4 x 3,56 x 10 ⁶ /cm ³ |
| Nominal power of ventilator | Internal 385 107 W |
| Air circulation level 1 | ca. 108 m ³ |
| Air circulation level 2 | ca. 177 m ³ |
| Air circulation level 3 | ca. 245 m ³ |
| Air circulation level 4 | ca. 418 m ³ |



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