



# USER MANUAL

Range  
**PAR RANGE AIR PURIFIERS**

Edition  
**10/20**

Model  
**PAR 50**





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*Daitsu by Zonair3D™ is a Spanish company that is present on 5 continents and focuses on the development of air purification systems.*

*Working with institutions and research centers, Daitsu by Zonair3D™ develops air purification systems to meet the needs of sectors such as health, well-being and construction, among others.*

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## PURE AIR RESIDENTIAL 50

This groundbreaking product came about due to concerns regarding the current levels of pollution, as a result of the continuous and increasing deterioration of the quality of air we breathe.

Pure Air Residential 50 is an air purification unit adapted for use in interior spaces.

Its exclusive system filters and purifies the contaminated air, converting it into air of the highest quality, free of polluting particles and (ambient) tropospheric ozone, reducing toxic gases to comfort levels.



Clean air is key for the respiratory system to work as it should, it is an important factor in anti-aging treatments, it helps your airways recover after physical exercise and is an essential element for life.

# Welcome


Thank you for choosing Daitsu by Zonair3D™ and congratulations on having purchased Pure Air Residential 50. Please take a few minutes to read this manual before starting to use your unit in order to familiarize yourself with how it works.

## General safety instructions

Pure Air Residential 50 is an air purification unit with a filter system of proven efficiency that consists of three stages: the G4 prefilter, the HEPA H14 absolute filter and the exclusive Daitsu by Zonair3D™ GRSystem filter for eliminating gases. It contains electrical equipment, which is why it is important to read the following safety instructions carefully before using your unit.

- This unit should not be used by those with reduced physical or mental capacities without assistance or supervision.
- Children should not use it without the supervision of an adult.
- Do not block the Pure Air Residential 50 air inlet or outlet.
- Do not pour water or other liquids onto the unit.
- Do not start the unit if any of the electrical components are damaged or not working properly.
-  · Do not handle the interior of the unit, apart from to replace the filters (see maintenance instructions). All other work should be carried out by personnel authorized by Eurofred | Daitsu by Zonair3D™.
-  · Before removing any panel, make sure that the unit is not connected to the mains.
- Do not use filters that have not been supplied by Eurofred | Daitsu by Zonair3D™.

### Installation

- Install the unit in a large space with air circulation.
-  · Do not install the unit close to explosives.
- Do not install the unit close to heat sources, such as radiators, fireplaces or ovens.
- Do not install the unit outside, without protection.

# Technical Specifications

## PURE AIR RESIDENTIAL 50 TECHNICAL SPECIFICATIONS

|  |   |
|--|---|
| <b>VOLTAGE</b>                                 | 230 V - 50 Hz   |
| <b>MAXIMUM POWER ABSORBED</b>                  | 26 W  |
| <b>MAXIMUM CURRENT ABSORBED</b>                | 0.12 A  |
| <b>MAXIMUM FLOW</b>                            | 85 m <sup>3</sup> /h  |
| <b>MAXIMUM FAN SPEED</b>                       | 2700 rpm  |
| <b>DIMENSIONS</b>                              | 296 mm (L) x 345 mm (W) x 156 mm (H)  |
| <b>WEIGHT</b>                                  | Approx. 11 kg   |
| <b>MOTOR PROTECTION CLASSIFICATION</b>         | IP42 (class B)  |
| <b>SOUND PRESSURE LEVEL AT 1.5 M (APPROX.)</b> | Sleep 32 dB(A)<br>Medium 36 dB(A)<br>High 40 dB(A)  |
| <b>FILTER STAGES</b>                           | <ul style="list-style-type: none"><li>· G4 prefilter</li><li>· GRSystem HEALTHCARE Datsu by Zonair3D™ filter, gas reduction system</li><li>· Hepa H14 absolute filter</li></ul> |

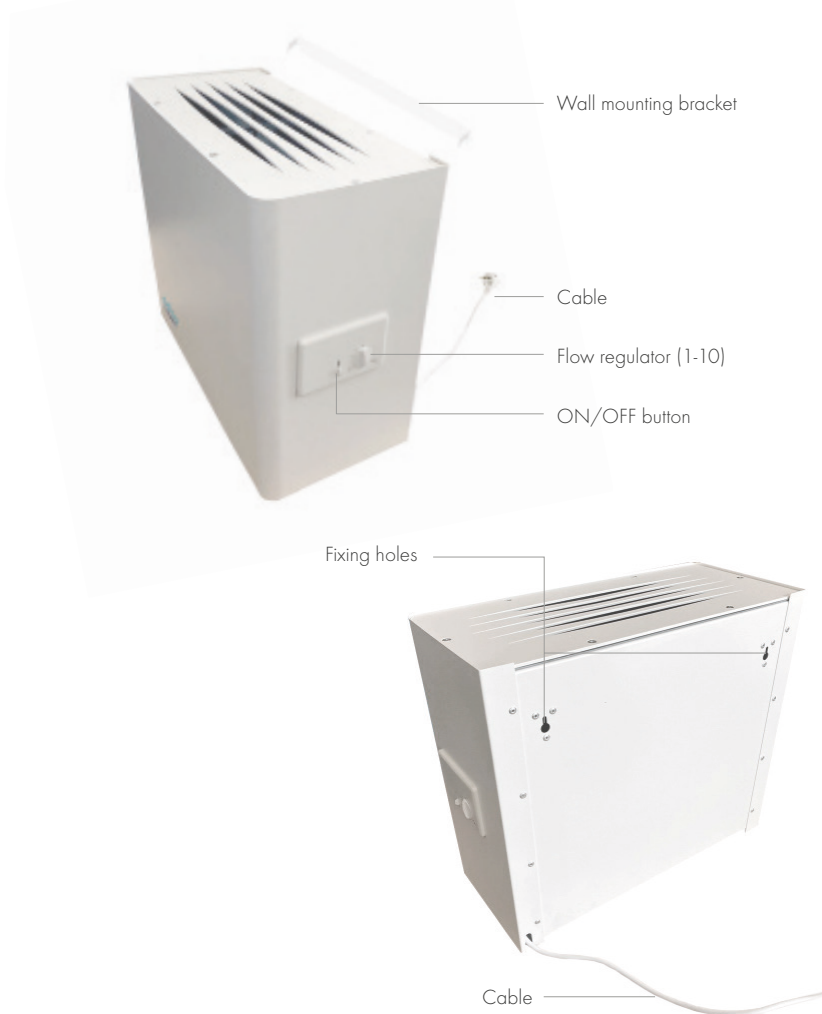
# Product description

The box contains the following items:

- 1 Pure Air Residential
- 1 User Manual
- 1 wall mounting bracket
- Bag with 2 wall plugs and 2 M8 bolts



## IDENTIFICATION OF THE PARTS





# Operation

## CONNECTING AND STARTING THE PURE AIRBOX HOME "S"

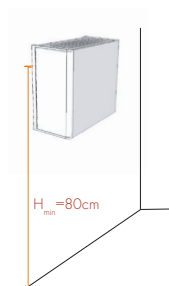
The unit you have purchased is a "Plug&Play" device, which means that it does not require prior configuration. All you need to do is fix it to the chosen wall.

1. Before starting the assembly, check that you have all the necessary components: wall mounting bracket, bolts and wall plugs, and the Pure Air Residential 50 purifier.
2. Find a power socket close to the purifier that it can be connected to.

IMPORTANT: do not pinch the cable.



3. The minimum recommended distance from the mounting bracket to the floor is 80 cm, in order to guarantee optimum air intake.
4. Put the mounting bracket on the wall and mark the position of the holes in order to drill the 2 holes required.
5. Fix the mounting bracket securely to the wall with 2 bolts.
6. Position the unit on the 2 extruding parts of the mounting bracket and insert them into the 2 holes on the back of the purifier.
7. To start the unit, once the cable is connected to the power, put the start-up lever into the "I" position.
8. Turn the speed regulation wheel until it is increased to the maximum (10).
9. After having checked it is working, it is recommended to set the purifier to its maximum speed for the first 10 minutes in order to clean the room thoroughly.



## SWITCHING OFF AND DISCONNECTING THE PURE AIR RESIDENTIAL 50

To switch the unit off, slide the ON/OFF button lever towards "0".

If you are going to stop using the purifier for an extended period of time, it is recommended to disconnect the cable from the power.

# Care and Maintenance

To keep the unit in optimal condition, read the following indications:

## CLEANING AND MAINTENANCE

- ⚠ · Disconnect the unit from the mains before cleaning it or carrying out any maintenance.
- To clean the outside of the Pure Air Residential 50, use a cloth dampened with water, and if necessary, neutral detergent.
- Do not pour liquids into the unit's air outlet (upper opening).
- ⚠ · Do not use solvents or corrosive materials, as they may damage the surface.
- The Pure Air Residential 50 works with a fan that is maintenance-free.
- Do not try to repair or adjust any of the unit's mechanical parts.

## REPLACING THE FILTERS

The Pure Air Residential 50 is supplied with the 3 filters installed.

They are easy to replace.

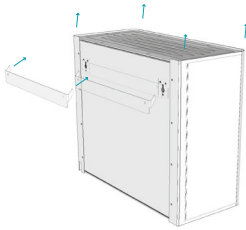
For optimal operation of the unit in normal conditions, Daitso by Zonair3D™ recommends the following program of filter changes\*:

| FILTER                         | TO BE REPLACED |
|--------------------------------|----------------|
| Prefilter (G4)                 | Every year     |
| GRSystem   Daitso by Zonair3D™ | Every 4 years  |
| Absolute filter (Hepa H14)     | Every 4 years  |

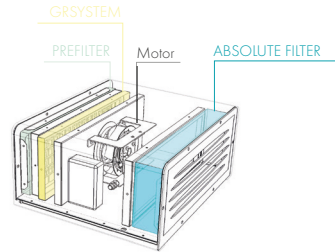
## INSTRUCTIONS FOR OPENING AND REMOVING THE FILTERS

### IMPORTANT:

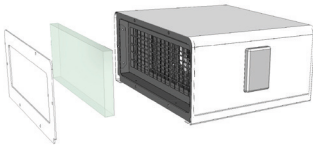
- ⚠ Before removing any panel, make sure that the unit is not connected to the mains.
- It is recommended to wear gloves when changing the filters.
- Always pick the filters up by the frame. Never touch the filtering surface, in order to avoid damaging it.



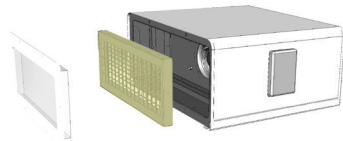
1- Take the unit down from the wall, lifting it slightly to remove the hooks of the wall mounting bracket from the unit.



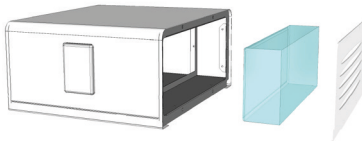
2 - Set it down horizontally on a stable surface and locate the filters before doing anything.



3- To access the prefilter, remove the air inlet panel by unscrewing the 6 corresponding bolts.



4 - To access the GRSYSTEM, the prefilter must be removed first.



5- To access the absolute filter, remove the air outlet panel by unscrewing the 6 corresponding bolts. This panel presses on the perimeter of the filter to ensure the required seal.

## INSTRUCTIONS FOR INSTALLING THE FILTERS AND CLOSING THE PURIFIER

1. Place and center the absolute filter in its position, with the plastic perimeter seal facing the inside of the device and fully tighten the 6 bolts of the air outlet panel.
2. Install the GRSystem filter sliding it to the end.
3. Install the prefilter sliding it to the end.

Please contact Eurofred or your local distributor for spare parts.

**⚠ IMPORTANT:** It is important to only use filters supplied by Eurofred (Daisu by Zonair3D™ originals), in order to ensure the desired results and the proper operation of the unit. If you use filters that are not supplied by the manufacturer, this will void the unit's warranty.

## MANAGING USED FILTERS

The filters of this unit should be taken to your local recycling point for correct disposal, so that they can be managed sustainably and to prevent any harm to the environment.

## RECYCLING HOUSEHOLD APPLIANCES

European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) specifies that household appliances should not be recycled with other municipal waste.



The symbol of the crossed-out dustbin reminds you of your obligation to dispose of this product correctly.

For detailed information on the most suitable way to dispose of household appliances, consumers should contact their local authorities.

# FAQs

## **Should I disconnect my Pure Air Residential 50 from the mains when I stop using it?**

No, this is not necessary.

If you are not going to use it for a long period of time, it is recommended to disconnect it in order to cut off the power supply completely.

## **How long can I keep my Pure Air Residential 50 in operation?**

As long as you want.

## **How much does my Pure Air Residential 50 consume?**

At maximum output, the consumption is approx. 26 W.

At medium output, the consumption is approx. 21 W.

At minimum output, the consumption is approx. 15 W.

## **Does the Pure Air Residential 50 have any contraindications or side effects?**

No, there are no contraindications or side effects, as the Pure Air Residential 50 does not alter the natural composition of the air.

*The longer you breathe clean air, the greater the benefits.  
Breathing clean air improves the quality of life of whoever does so.*

*Daitso by Zonair3D™*



# WARRANTY

This product has a 2-year warranty from the date of purchase, provided the sales receipt is kept, the product is in perfect condition and it is used as indicated in this Operation Manual.

The warranty service covers manufacturing defects for 2 years, except for consumable parts.

In the event of misuse by the user, the warranty service will not be responsible for the repair.

- If the product has been mishandled, knocked, exposed to humidity, had any liquid or corrosive substance spilled on it, or any other fault attributable to the consumer.
- If the product has been dismantled, modified or repaired by unauthorized persons.

Daisu by Zonair3D™ also guarantees, via an individual certificate, that each absolute filter has undergone the necessary tests according to the European standard UNI EN ISO 29463-3-2019

# CUSTOMER SERVICE

If you require technical assistance or spare parts, please contact Eurofred's customer service:

Tel.: 932 998 331

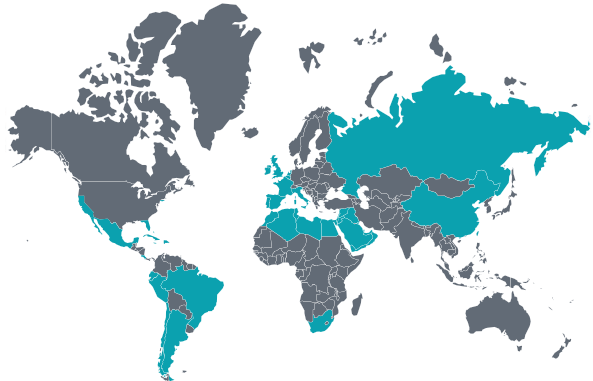
[www.recambios.eurofred.es](http://www.recambios.eurofred.es) (online chat)

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