

frecan,**AIR**

At Frecan, we are experts in aspiration and comfort



More than 25 years dedicating ourselves to creating extraction hoods for your home and working every day to improve your well-being.



DESIGN AND INNOVATION.
With its own laboratory and wind tunnel.



HANDMADE FINISH.
With the utmost precision.



INFINITE SOLUTIONS.
More than 100 models of hoods in manufacture to adapt to what you are looking for.



INTERNATIONAL VISION.
Distribution to more than 20 countries in the world.

A firm commitment to recirculation systems



Freca air purification systems are the perfect ally to guarantee the highest quality of air in the home.



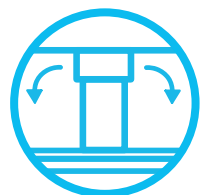
Eliminate odors



Sustainable solution



Energy saving



Without external outlet

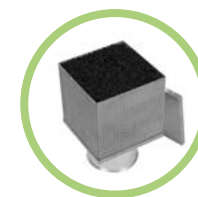
Freca has 4 recirculation systems

Plasma Freca



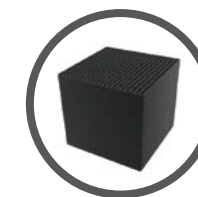
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Active carbon FC-Plus



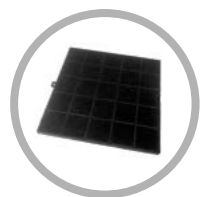
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Ceramic cubes



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Standard coal



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The air: where you start to take care of yourself



Would you drink not purified water?

It is unthinkable for us to consume water if it is not properly treated. For this reason, we sometimes choose to consume bottled water.



Why breathe air that is not filtered?

Air can accumulate countless particles that are harmful to our body, such as those found in untreated water. (Allergens, mites, bacteria, viruses, polluting gases ...).



According to a study by the World Health Organization on air quality in the home, indoor air can be between 2 and 5 times more polluted than outdoor air. This is because the air does not regenerate or flow as it does in open spaces and cooking particles, mites, hair, dust and, in addition, all the external pollution (VOC) that enters through the windows accumulate. Therefore, installing a recirculation hood is one more step towards taking care of yourself on the inside.

Beyond a simple suction system



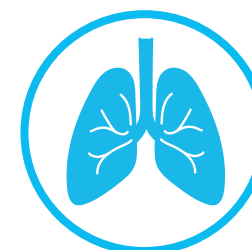
In the world of cooking, extraction options have always focused on traditional extraction with an external outlet. As an alternative, there is recirculation. A purification system that does not need to expel the fumes to the outside. It simply absorbs them and returns them home properly filtered.

Advantages of recirculation



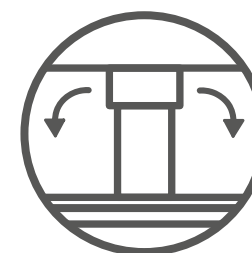
SAVING AND ENERGY COMMITMENT.

It conserves energy (warm/cold) inside the home and helps reduce the ecological impact on the environment.



IMPROVEMENT IN AIR QUALITY.

It purifies the environment of mites, pollen, animal hair, allergens and other harmful particles, considerably improving the quality of the air we breathe.

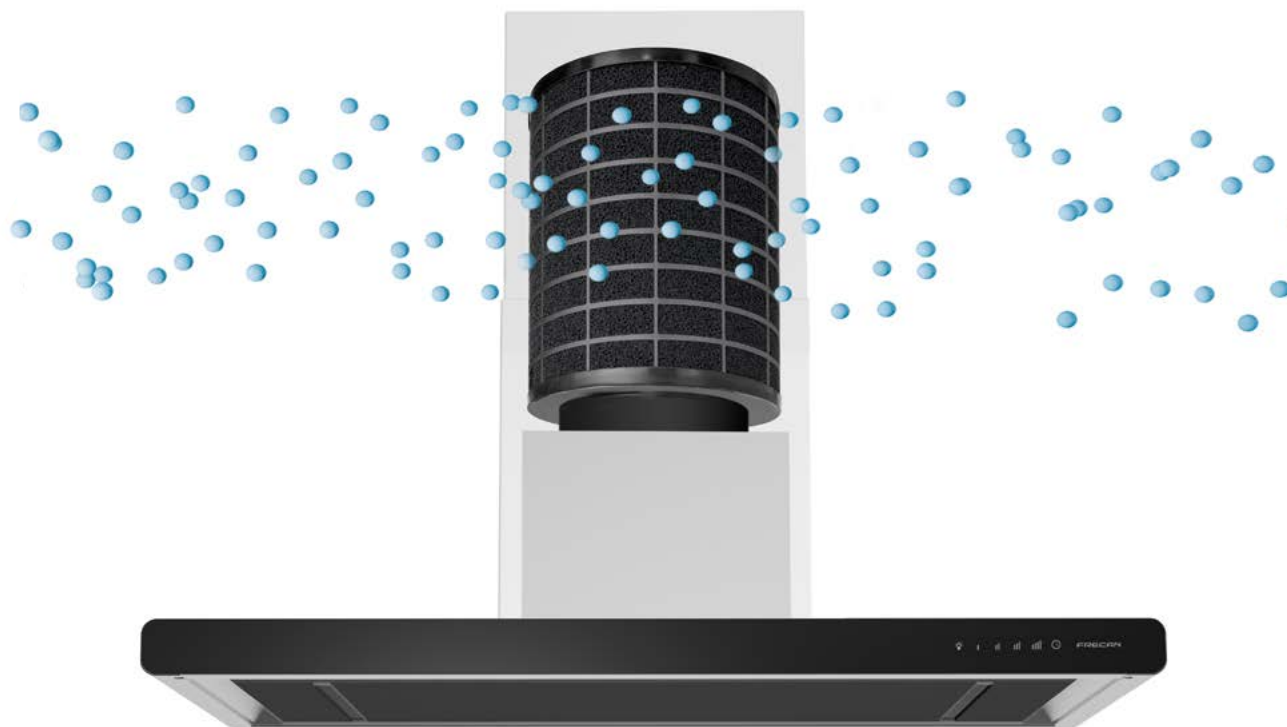


NO EXTERNAL OUTLET NEEDED.

It is the most eco-friendly alternative on the market thanks to its installation without a smoke outlet to the outside. The air is returned to the home totally clean. It is the ideal option for a Passivhaus or efficient house.

Eliminates 98% of odors, fumes and pollutants

Plasma is the most effective and innovative recirculation alternative on the market. Through chemical reactions, it changes the composition of the molecules of the polluted air, thus purifying 98% of the particles.

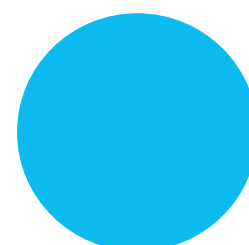
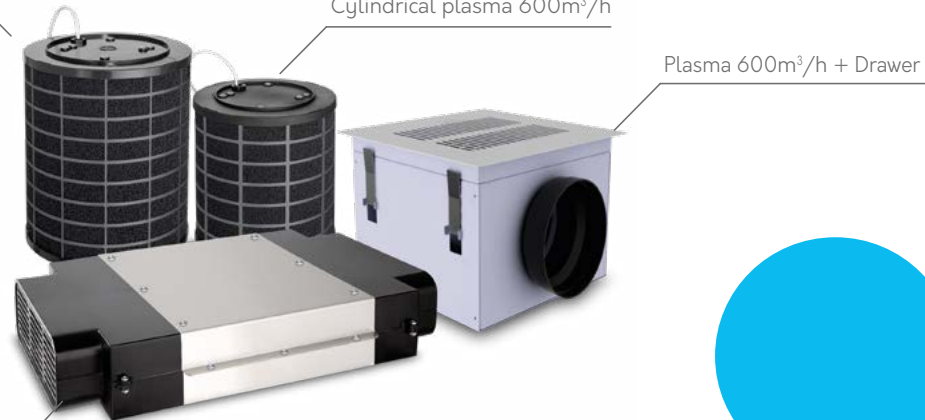


Cylindrical plasma 1000m³/h

Cylindrical plasma 600m³/h

Plasma 600m³/h + Drawer

Flat Plasma 800m³/h



See Plasma video

Filtration through the Plasma system is an electrical process.

Freca Plasma filters have been developed to be installed in any hood. Its purification process is more complex than that of traditional recirculation, for this reason, it is also the only filter that removes fine particles.



1

ANTI-GREASE FILTER

When the hood is activated, the airflow is pushed into the grease filter, which is responsible for retaining grease and other dense particles.

2

ELECTRIC DISCHARGE

When the air reaches the Plasma filter, an internal sensor activates a series of electrical discharges that modify the molecular structure of the harmful particles.

3

CHEMICAL REACTIONS

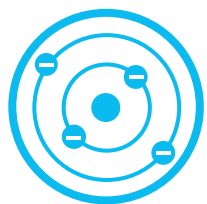
Next, chemical reactions are triggered that break down odour molecules, pollen, etc. and they eliminate them permanently.

4

ACTIVE CARBON FILTER

Finally, the air is filtered again through the activated carbon, releasing only oxygen, CO2 and humidity.

Advantages of FrecanAir Plasma



NEGATIVE IONIZATION SOURCE.

The waterfalls, the sea, etc. They are a source of negative ions that contribute positively to our body, improving its functioning. Plasma acts in a similar way since it also releases negative ions, helping to improve our body as well.



- Improves quality of life.
- It favors our body.

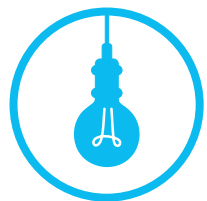


REMOVES 98% OF PARTICLES

Smells, viruses, pollen, allergens, VOC... Plasma does not release ozone during the process. (Confirmed by VDE and IUTA certification)



- Total air purification.
- Elimination of pathogens and other harmful particles.



LOW CONSUMPTION.

Low energy consumption without the need for filter cleaning or renewal.



- Cost savings.
- Minimal maintenance. (Self-cleaning function)



EASY INSTALLATION.

Adaptable to all types of hoods.



- Easy to use and install.

Advantages of FrecanAir Plasma

15
YEARS OF
USEFUL-LIFE*

5
YEARS OF
WARRANTY

100%
SELF-CLEANING

14%
REDUCTION IN
RUMOROSITY

The Frecan Plasma Filter helps to keep the environment clean of harmful particles (Parasites, mites, tobacco smoke, pollen...) that mainly affect children and animals.

Filter certified by:



olfasense



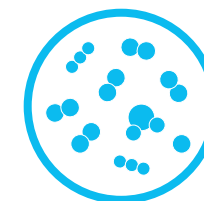
15
YEARS OF
USEFUL-LIFE*

THE MOST DURABLE RECIRCULATION SYSTEM.

Up to 15 years of operation without the need for replacement.



- No expense for filter replacement.
- Long useful life.

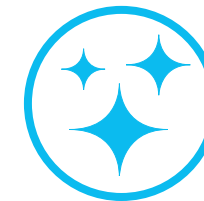


FILTERS THE FINE PARTICLES.

It is the only filter capable of purifying fine particles.



- Guarantees maximum air filtration.



EASY MAINTENANCE

Active carbon regenerates itself at the end of the Plasma electrical process. It is always kept clean and free of contaminants.



- It does not require cleaning.
- No maintenance costs.



14% REDUCTION OF RUMOROSITY.

It acts as a silencer, reducing up to 14% of the noise produced. In addition, it allows to eliminate or simplify the ducts in the installation.



- Silent home.
- Simple installation.

* According to a statistical use based on an operation of 1h per day.

FC-Plus - Naturally



FC-Plus filters use the most natural material for air purification. Activated mineral carbon in the form of a pellet of 8x4 mm in diameter. Thanks to its dimensions, they make it the perfect pellet to achieve a total cleaning of the air. They have a great capacity to filter odours and harmful elements such as acids, nicotine and alcohol, among others. The FC-Plus system is original and is created and developed by Frecan.

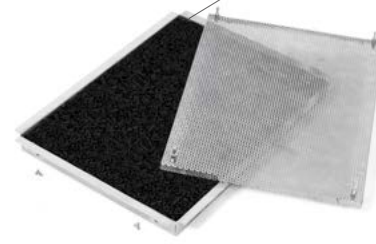
Carbon filter FC-Plus



FC-Plus R1000 Filter - Ceiling



FC-Plus carbon replacement



HIGHER GRAMMAGE, LONGER USEFUL-LIFE.

It incorporates more amount of carbon than traditional carbon filters (up to 2.3kgs). For this reason, it absorbs 7 to 10 times more and allows two possible regenerations with a useful life per regeneration* of 12 months and allowing it to be recharged as many times as desired.



ECO-FRIENDLY MATERIAL.

The filter carbon is extracted from nature and, once its useful-life in the home ends, it can be regenerated at high temperatures allowing a new indefinite use until its own natural organic degradation.



WATER PURIFIER.

Pellets are also a widely used resource in water purification plants for the treatment and cleaning of it. Its virtues as a purifier go beyond air.

Genuine system made by FrecanAir



Advantages of FC-PLUS filters



REGENERABLE AND RECHARGEABLE.

FC-Plus can be regenerated* up to two times in the oven and can be recharged again while maintaining its outer metal structure.



- Long durability.
- Economic maintenance.



BIODEGRADABLE.

Once the pellets are saturated, the carbon is fully recycled through a green dot, recovering the material at high temperatures.



- Its life cycle is complete.
- It does not generate waste.



EASY MAINTENANCE.

During their life cycle, they do not need maintenance or cleaning.



- Comfort and well-being.
- No cost (during its useful life).



LONG USEFUL-LIFE.

The FC-Plus filters, with their two regenerations, have a useful life of up to 5 years*. However, as they are rechargeable, they can be refilled as many times as you want.



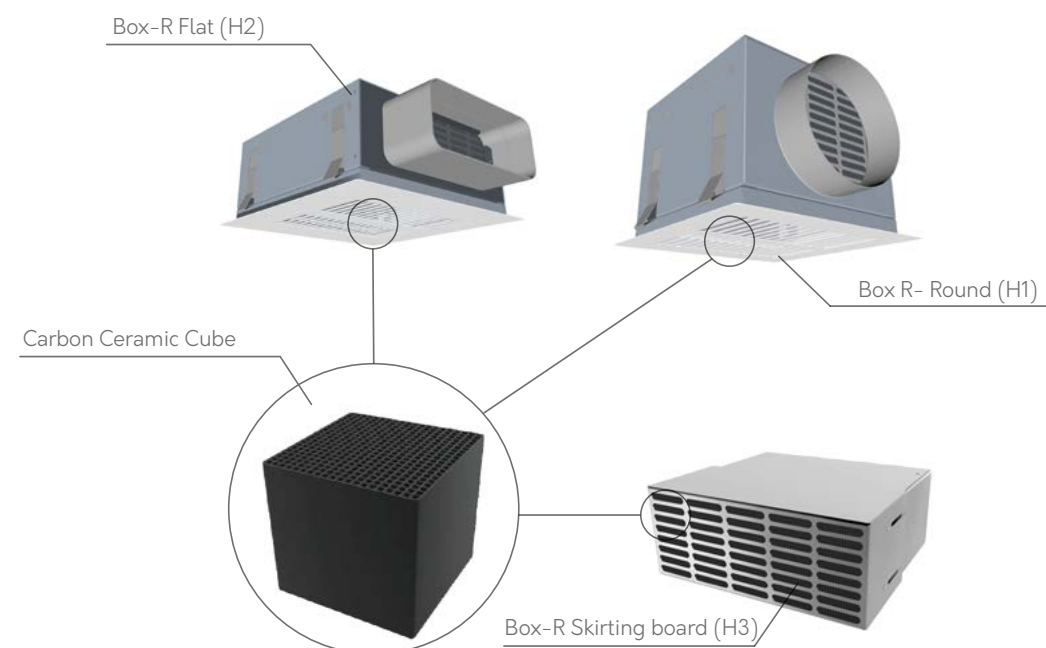
- The entire filter is not changed.
- It does not pollute or generate waste.

* Regeneration: put filter in the oven for 1 hour at a temperature between 200° and 250°.

* According to a statistical use based on an operation of 1h per day (3 years in FC-Plus-ceiling model).

The power of the honeycomb

Helsa dissociated recirculation drawers have an innovative system of filter cubes, which contain the latest generation activated carbon, minerals and are also reinforced with ceramic. Through these cubes, up to 4000 parallel flow channels are created through which air enters, successfully extracting odours. When the air is completely clean, it is returned to the home. Filters all types of particles such as ozone, acid gases and volatile organic compounds (VOC), among others.



Advantages of ceramic cubes



HIGH PERFORMANCE.

A maximum of 8 to 10 regenerations* are recommended in the oven to ensure high performance. Once done, it is advisable to replace them since there is a loss in the filtration capacity.



- High particle filtration.
- Long life of the filters.



EASY MAINTENANCE.

Minimal maintenance and easy cleaning.



- No maintenance cost.
- Well-being and comfort.



NOISE AND ODOURS REDUCTION.

Low noise in operation and high efficiency in eliminating odours.

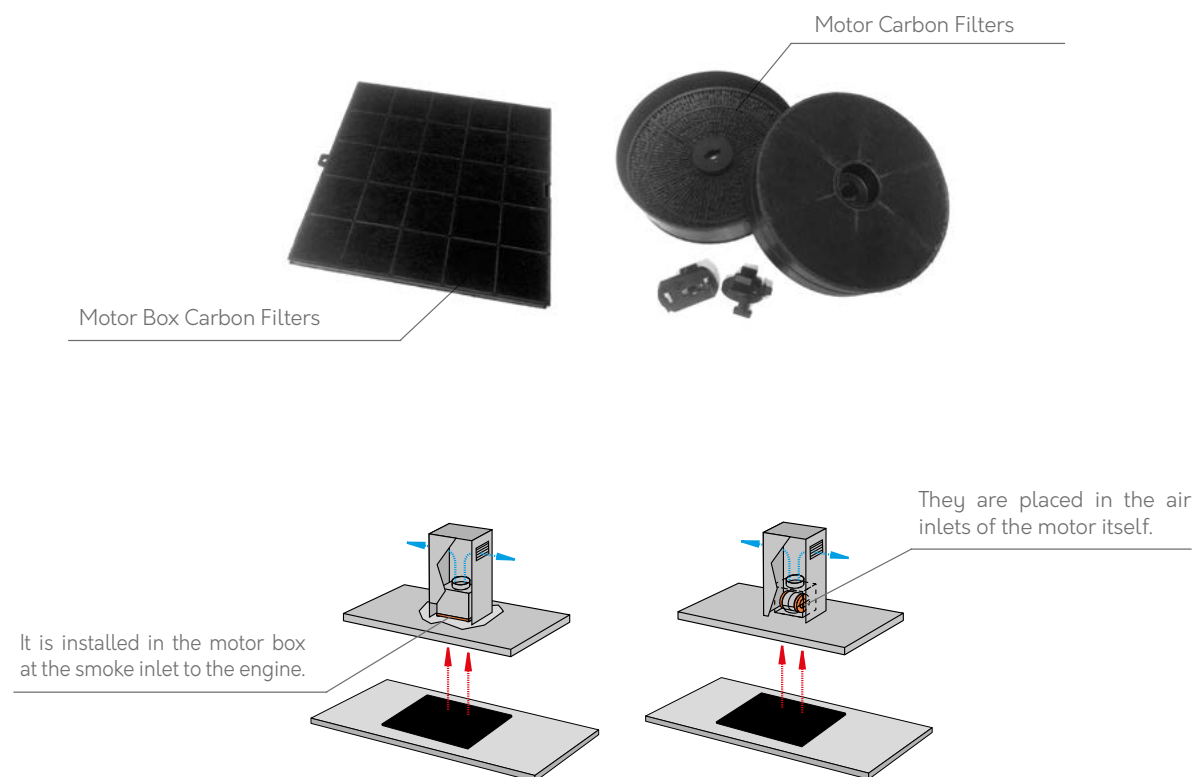


- Silent environment.
- Smoke-free home.

* Regeneration: put filter in the oven for 1 hour at a temperature between 200° and 250°.

A lifelong standard

Standard activated carbon filters are the most traditional system for air purification. They work with carbon microgranules, which collect odours, clean them and return them to the environment. It is advisable to change them every year to guarantee proper functioning*, since, as they are covered by a plastic casing, they cannot be regenerated in the furnace. They offer two installation options depending on the hood model: Filters for the motor box and filters attached to the motor inlets.



Advantages of standard filters



EASY INSTALLATION.

They can be easily installed by the user without the need for tools.



- Easy to install.
- Well-being and comfort.



EASY MAINTENANCE.




To ensure proper operation, the grease filters must be kept clean.



- Minimal filter cleaning.
- It does not need maintenance during its useful life.

* According to a statistical use based on an operation of 1h per day.

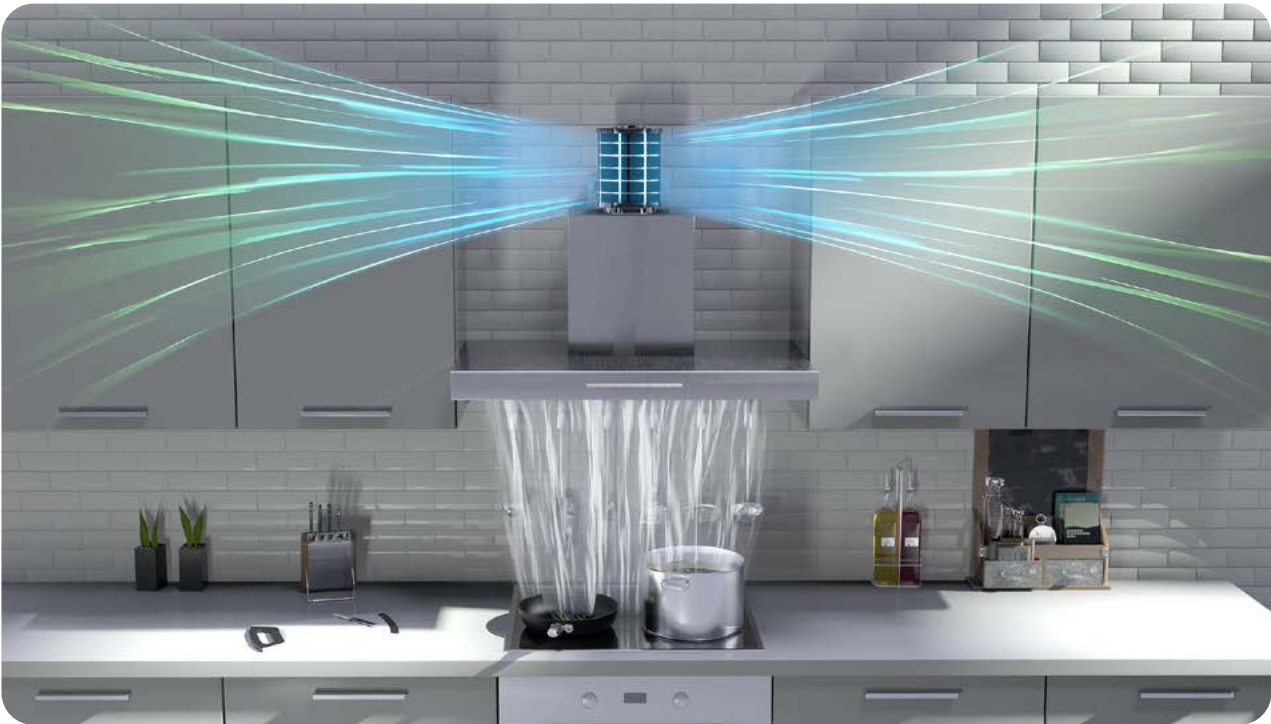
The entire Frecan AIR range

| | DURABILITY | MAINTENANCE | PARTICLES REMOVED | INVESTMENT COST |
|--|------------------|-------------------------------------|--|-----------------|
|  FRECAN AIR PLASMA | Up to 15 years* | None |  | 58 €/year* |
|  FC-PLUS FILTERS | Up to 36 months* | Regenerable 2 times Rechargeable |  | 30 €/year* |
|  CERAMIC CUBES | Up to 12 months* | Regenerable 8 times Rechargeable |  | 30 €/year* |
|  ACTIVE CARBON | Up to 12 months* | Replaceable |  | 48 €/year* |

Recirculation systems go beyond being a suction hood. They are air purification systems that help improve home comfort and, therefore, quality of life. A fundamental element in taking care of our health.

* Calculations made on the same hood model, according to a statistical use of one hour a day and 15 years of use.

Usage Recommendations



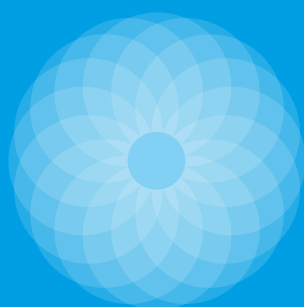
ACTIVATE THE HOOD.
Activate the hood approximately 10 minutes before starting to cook so that it is already in operation when fumes and odours start to be generated due to cooking.



SET THE INDICATED SPEED.
It is important to adjust the suction at a speed that is just and necessary for the amount of fumes that we are producing during cooking. It is recommended that, for maximum efficiency of the filters, you should work in second speed.



CONNECT DELAYED STOP (LAST TIME).
Once the cooking is finished, it is advisable to activate the Deferred Stop (Last Time) option, which operates for approximately 15 min, to finish cleaning the environment, since after cooking there are still particles in the air.



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