

Did you know?

- A mattress can double in 10 years his weight to the accumulation of dust mites and allergens
- 10% of the weight of a two years cushion is composed from mites and their excrement
- The available insecticides are not effective for the control of dust mites
- For allergy to dust mites the best cure is prevention



www.bioallergen.com

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Bioallergen range is available in the best pharmacies, drugstore and on the website: www.bioallergen.com

MADE IN ITALY by ELITE s.a.s. Cerea (Verona)

Bioallergen®



the most complete environmental improvement program to reduce indoor allergen exposure for better quality of life in your home



Mites & Allergies



The allergic disease over the past 20 years has seen a significant increase especially in more developed countries mainly because, according to recent studies, a lower incidence of infectious diseases and increased air pollution. An important role is played in this field by respiratory allergies that involve about 20% of the Western population.

The origin of most of the allergic reactions in the respiratory system is to be found in the home. **It is within our homes, in fact, that proliferate dust mites** (Dermatophagoides pteronyssinus and Dermatophagoides farinae).

The problem of **allergy to dust mites**, particularly in its manifestation respiratory, undoubtedly represents a significant social pathology.

The diseases that affect large populations involve substantial costs for the diagnosis, treatment and days lost from work or school. The allergic symptoms occurs at any time of the year and this increases costs further, especially because to be affected is mainly young population.

More than nine out of ten children with allergies, in fact, are testing positive for dust mites and thus subject to asthmatic symptoms often disabling, as well as: rhino conjunctivitis, cough, sinusitis and respiratory difficulties. **Substances** produced by mites **able to induce allergy** (allergens) **are contained in** particular **in their feces** that, freeing air, **are easily inhaled** and are in this way in contact with organs or systems sensitized **causing the typical allergic symptoms**.



Prophylaxis environmental Index



The **Environmental Improvement** is the fundamental mainstay of prophylaxis. **In the absence of radical changes in the home environment you can attend a failure of drug therapies and hypo-sensitization** (vaccine).

With appropriate interventions for the environment, you can:

- ✓ **Prevent the Occurrence of Allergic Diseases**
- ✓ **Make regress the sensitivity to allergens and Symptoms**
- ✓ **Hindering in Children with Eczema or Food Allergy the onset of allergic diseases of the respiratory system.**
- ✓ **Reduce in the Allergy Sufferers:**
 - the severity of symptoms
 - the consumption of drugs
 - the need for frequent admissions.

In this view **Bioallergen®** offers a complete line of **medical devices for the effective protection of the ecosystem and natural home.**

- Mites & Allergy	pag.2
- You know who you sleep with?	pag.4
- Practical advice prophylaxis environmental	pag.6
- Comparison between anti-mite covers	pag.9
- Covers anti -mite Bioallergen® BPS	pag.10
- Anti-Mite covers, quilts, toppers Microsilky®	pag.12
- Covers anti-mite Softbiocare®	pag.14
- Covers anti-mite Biobed Basic®	pag.15
- Airfree® - Air Sterilizers	pag.16
- Biocleaner® - Steam Vacuum Cleaner	pag.18
- De-Mite® - Additive for Anti-Mite Laundry	pag.20
- Allervia® - Anti-mite Ultrasound emitter	pag.21
- Allerblock® - Universal HEPA Filter Vacuum Cleaner	pag.22
- Allerblock® - Universal filter for Radiators	pag.22



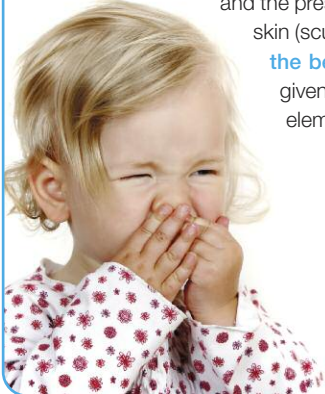
What's living in your bed?

Bioallergen®



Studies on the distribution of mites, in the ecosystem house, have shown that they are in various niches, including: **bed, carpets, sofas, armchairs, furniture padding and clothing**. In these places the mites find the ideal environmental conditions to their lives: temperature between 15 and 30 °C, high relative humidity (60-80%) and the presence of nutrients because their diet consists mainly by microscopic flakes of our skin (scurf and flaking skin). So here **their presence, which is particularly concentrated in the bed**, In fact, the temperature of **the pillow** and the **mattress** where we sleep, the humidity given off by the body (sweat) and scales that fall from our skin by rubbing with the sheets are ideal elements for the development of these small spiders.

The adoption of suitable "barrier anti-mite" of proven scientific efficacy (mattress toppers, duvets and pillowcases buy mite) is the most important measure of prevention of allergic symptoms "



WHAT ARE BED BUGS?

Bed bugs (Cimex lectularius) are oval-bodied insects and wingless. Bed bugs usually bite at night attacking the whole body, especially the area of the face, neck, torso and hands. Currently no known cases of infectious diseases transmitted to people by the bite of bed bugs.

In recent years, it has been found a considerable increase in the number of reports related to bed bugs. It 'possible that anyone, anywhere, suffer an infestation of bed bugs. These small insects, able to bite, they multiply quickly and traveling without difficulty.

HOW IT LOOKS LIKE A BITE OF THE BED BUG AND WHAT IS TESTING?

Most of the bed bug bites are initially painless, but can become pruritic skin sores and large size. Some people have no reaction. Most bug bites of the bed ends to disappear by itself without any treatment.



HOW CAN I PREVENT THE BUGS ENTER IN MY HOUSE?

Even the cleanest homes and hotels can be affected by bed bugs. A thorough cleaning, (it is recommended the use of high temperature steam - **BioCleaner**), aspiration of the mattresses, cover them with suitable mattress encasings and regular inspection of the house can help to prevent or discover an infestation in its early stages. Be careful when buying used furniture or clothing. Inspect the used items and make sure that you have checked the presence of bed bugs. Never bring into your home bed frames, mattresses, spring mattresses, upholstered furniture or electronic devices to recovery. These items may be infested with bed bugs.



HOW CAN I FIND THEM?

Use a flashlight to look for bed bugs and their dark excrements in the furniture and in the frames of doors and windows of the bedroom. With the help of a hot hair dryer, a thin knife or an old playing card you can force them to get out of spaces and crevices where they hide. Check: behind the headboard of the bed, in the seams of the mattress, inside the net and along the frame of the bed, along the gaps on the baseboards, in and around the bedside, in the frames of doors and windows, paintings, frames and profiles, furniture, loosened wallpaper, cracks in plaster and partitions.

HOW CAN I AVOID TAKE THEM HOME, WHEN TRAVELLING ?

When you travel, inspect the room and the furniture and look for blood stains, excrements or live insects. Ask for another room if you find evidence of bed bugs. Upon your return home inspect the luggage, preferably before bringing them inside the house, then wash the clothing in water at a temperature as high as possible and let them dry for 30 minutes in a hot dryer immediately after your return from a trip.

Practical advice of environmental prophylaxis

Home environment

- The house and in particular the bedroom should not be too hot (**not more than 20 ° C**) must be ventilated long during the day, even in winter. The room humidity should be kept at a level **not higher than 40-50%**.
- Keep the house in the lowest number of plants as possible.
- **There should never be used**, and possibly **removed** if already present, pillows, chairs and upholstered furniture containing materials of animal or vegetable origin such as kapok, hemp, horsehair, hay, straw, wool, feathers, cotton, jute, etc.
- Hamsters and other small rodents, dogs, cats and birds should not be kept in the house. **Animals already present must be kept scrupulously clean and subjected to appropriate treatment of allergies (Allerpet®).**
- Remove **heavy drapes** and replace them with washable curtains. **The carpeting, carpets and wallpaper are absolutely not recommended.** In the event that are already present and you will not want to deprive, must be treated systematically with a suitable vacuum cleaner (**Biocleaner**).
- **The floor must be easily cleanable:** recommended **ceramic tiles** or **marble** and **acceptable the wooden ones or linoleum.**
- **The heating system** can be a source of **abundant dust**, the radiators should be cleaned from dust and with proper protection (**Allerblock® Caloriferi**).
- In houses equipped with **air conditioning** scrupulous regular **cleaning of filters**, and the adoption of suitable **air purifiers (Airfree®)**, **decrease the concentration allergenic.**
- The respiratory irritants such as: household cleaners, the fragrant cosmetics and cleaning products, colors and fresh paint should be avoided preferring steam cleaning equipment (**Biocleaner**).
- A good rule is to expose to air and sun mattresses and pillows, including those of the sofa.
- With regard to prevention, are finally **useful purifiers / sterilizers air with high efficiency (Airfree®)** and **new anti mite ultrasonic devices** (see page 21).

The suggestions contained in these pages are for information only and example. They are meant to encourage collaboration between doctor and patient and do not replace a visit to a specialist in the field, not justify actions of self-diagnosis and self-medication.

Domestic cleaning

- Do not carry out cleaning in the presence of allergy sufferers and **open the windows during cleaning.** Do not use furniture care products that hinder the deposition of dust.
- **You should absolutely avoid dusting or dry sweeping**, in addition to not remove the dust, this is entered in the air and will ensure longer inhalation of particles. The removal of dust from floors and furniture, should be performed with **vacuum cleaners equipped with high efficiency filters (Biocleaner)** and / or a **cloth dampened** in a mild alcohol-based or a common disinfectant.



- The sofas, armchairs, lampshades, the padding on the chairs and in general **all the objects that can not be cleaned with wet cloth should be treated with steam vacuum cleaners (Biocleaner).**

The bedroom

Special attention must be given to the bed. These golden rules help to reduce sharing your bed with dust mites at night:

- Replace mattresses and pillows made of wool, feathers or latex with other next-generation polymer ones that are latex free. The mattresses and latex pillows are not recommended. Recent scientific research indicates that 25% of allergy sufferers, with any type of allergy (dust mites, pollen, food etc.) are also allergic to natural latex.
- As mattress may contain up to 2 million dust mites! No mattress can be considered free from allergens! Consequently, mattresses and pillow should be protected with anti-dust mite covers in a material that allows the body to breathe, good ventilation of the mattress and resistant to dust particles (see page 9). This applies to all beds in the room (even beds belonging to those who not suffering from allergies). These mattress and pillow covers are very active as a barrier. Since they take up little space, they can be very useful even for stays in a hotel or second home.



- Wash pillow and mattress covers every 2-3 months; sheets and pillow cases every 3-4 days at a temperature of at least 60° C. A special additive for an anti-dust mite wash (De-Mite) can now be used to sanitize bed linen and other washable items, even in cold water.
- The bedbase must not be "padded" as this contains more dust mites than mattress.
- As **sunlight kills dust mites**, mattresses, pillows, blankets, bedspreads and bed linen must be exposed to light and air as frequently as possible.

Some suggestions for children

Some particular advice for children, playing on the ground, on carpets or handling stuffed toys and soft toys are most in contact with dust and then become those most at risk.

- If your child has an inseparable teddy bear, reserved it for **special treatment** to be carried out every 10-15 days: **put 24 hours in the freezer**, then leave at ambient temperature for about an hour and then **wash it gently**.

The low temperatures in fact kill the mites that are subsequently removed by washing. The same result can be achieved **simply by washing** the bear gently in **cold water** with the **De-Mite® laundry additive**.

- **Toys**, (preferably items in plastic or wood), **books**, magazines and various knick-knacks (all objects where they accumulate dust) **should be kept closed as much as possible in drawers or closets**.

- **The allergic child should avoid jum-**

ping on the bed and to "battle" with pillows!

- **Decorate** the bedroom of the child with **simple furniture** that can be **easily cleaned thoroughly every day**. Eliminate upholstered furniture with wool, feathers or plant materials and use suitable mattress covers and pillow covers.

- Children should **avoid** going to sleep in

• **In the choice of holiday destination avoid humid marine areas and prefer the high mountain because above 1,500 meters mites do not live! A list of hotels and bed & breakfast who offer their guests rooms equipped for those who suffer from allergies is available at:**

their **parents' room** if it does **not adopt** the same **measures of prevention**.

- **Do not expose the child to cigarette smoke, both active and passive!** Passive smoking increases by 2-3 times the risk of developing allergic diseases than those who are not exposed.

www.allergyfreehotels.com

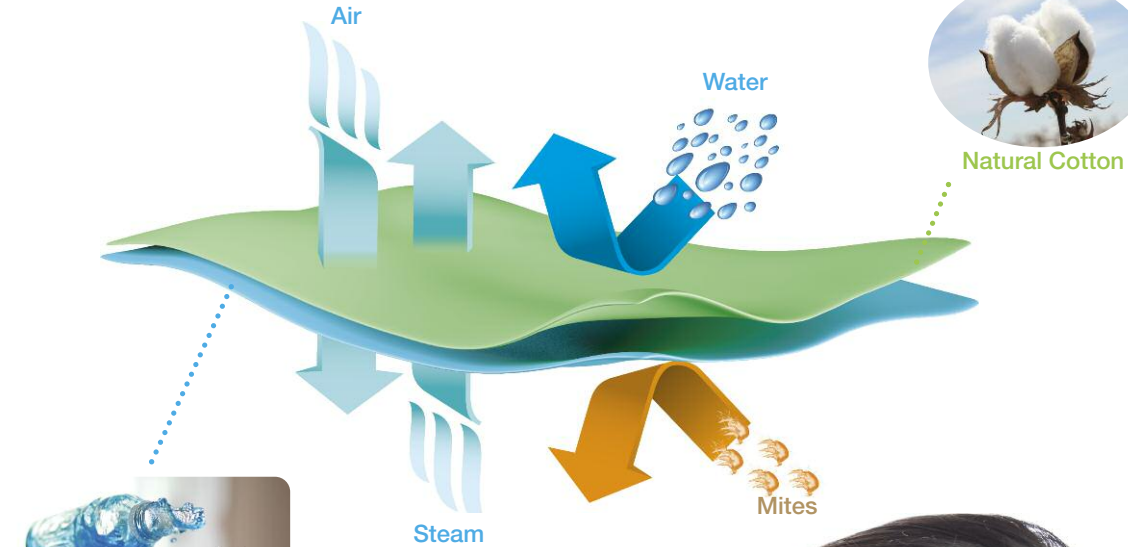


Comparison between Anti-mite covers

	Bioallergen® BPS	Microsilky®	Softbiocare®	Biobed Basic
FABRIC	Cotton with P.U.	Ultra tightly woven microfibre fabric (polyester)	Entangled, Micro-welded multi-layer microfibre (Polyester/Polyamide)	Multi-layer microfiber (Polypropylene)
CERTIFIED IMPERMEABILITY TO ALLERGENS	YES	YES	YES	YES
WATERPROOF RESISTAND	YES	NO	NO	NO
TRASPIRATION (VAPOR PASSAGE)	GOOD	EXCELLENT	EXCELLENT	EXCELLENT
HYGIENE WARRANTY	CUTS DOWN THE GROWTH OF BACTERIA AND MOLD	CUTS DOWN THE GROWTH OF THE BACTERIA AND MOLD	CUTS DOWN THE GROWTH OF BACTERIA AND MOLD	CUTS DOWN THE GROWTH OF BACTERIA AND MOLD
WASHING TEMPERATURES	UP TO 90°C	UP TO 90°C	UP TO 90°C	UP TO 60°C
ANTI MITE & ANTI BED BUG WARRANTY	20 YEARS	20 YEARS	20 YEARS	12 MONTHS



Bioallergen® BPS Bed Protect System



Bioallergen® BPS anti-mite/anti-bed bugs encasings

An innovative line of bag mattress-protectors-encasings with zipper on three sides and pillow cases protectors, realized thanks to the development of sophisticated fabrics as a result of continuous Italian technological research in the field of medical technical materials. These anti mite/anti bed bug covers, **total protection**, are manufactured with natural cotton knitted integrated with a thin **hypoallergenic polymeric** film that guarantees elasticity, softness and water resistance maintaining, however, its breathability characteristics. Due to their unique structural features, new **Bioallergen® BPS**, mattress and covers protectors and pillow cases protectors are particularly suitable for bed system sanitation: indeed, the pleasantness of the cotton and the barrier effect given by the polymer and sanitized processing, which products undergo, guarantee:

- **Effective anti-mite protection.**
- **Effective bed bugs protection (Sanitized®).**
- **Effective antibacterial and antifungal (anti-mold) protection.**
- **Long-lasting hygienic freshness.**
- **Certified high breathability:** which allows the passage of air and moisture vapour (more than 2300 g/m² in 24 hours), thus allowing the body to "breathe" and maintain a high level of wellness.
- **Maximum comfort** is ensured by that smoothness of the polyester fiber and elasticity of the polymer that allows **Bioallergen® BPS** lining tightly fit around the mattress giving your rest a new and unexpected pleasure.
- **Protection of the mattress guaranteed by absolute water-resistance** of the polymer and high natural absorbency of the fabric which does not allow in any way the passage of liquids, as well as microorganisms and allergens. For this reason **Bioallergen® BPS** mattress covers protectors are particularly suitable for infants and incontinent people.

Covers can be washed whenever it becomes necessary, using a mild detergent and rinsing several times. You can reach the temperatures of sterilization of 135°C in an autoclave without any alteration of product characteristics.



Bioallergen® BPS encasings are CE certified as Class 1 medical devices.

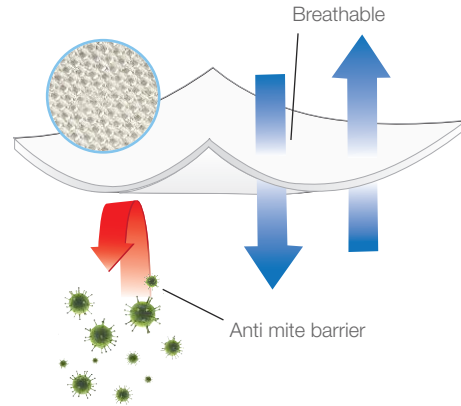


Microsilky®

The revolutionary fabric for those suffering from dust mite allergies.

Developed from particular microfibers, through an innovative production process, **Microsilky® anti-mite covers are hardly distinguishable from silk, when in contact with the skin!** **Microsilky®** represents the evolution of fabrics, indeed, the use of extremely thin microfibers allows to obtain a plot up to 10 times thicker than common anti-mite barriers.

A square meter of fabric weighs only 60 grams and is made of more than 1.000.000 microfibrils that create an effective impassable barrier by dust mites and their allergens thus ensuring the "anti-mite barrier" effect for the fabric entire life.



Microsilky® Luxury

Anti Mite duvets & quilts

The use of high quality polyester padding and of **Microsilky®** innovative anti mite fabric created quilts with excellent characteristics :

- Excellent thermal insulation
- Very soft touch and silky
- Slow recovery from compression (typical of goose down)

Microsilky® Luxury is extremely hygienic as it can be machine washed up to 60°C. After each wash fibers dry quickly regenerating and maintaining over time their original volume.

The use of mattress covers, pillow covers, duvet covers, pillows and covered with **Microsilky®** facilitates a significant reduction of the potentiality of the allergenic agents, according to all known reference tables.



Silky: anti mite pillow

the pillow that does not require the use of Anti mite/bed bugs pillow case!



Silky is a soft pillow made of an innovative polyester fiber, shape memory, hypoallergenic, with exceptional smoothness and softness which gives it a nice "cloud effect" very similar to goose feathers, but with increased support for the neck.

Silky is resistant to mold, mites and microorganisms. Machine washable at 60°C, can be spindried and tumble-dried maintaining its volume and softness even after numerous washing.

Maximum comfort wrapped by the insurmountable anti/mite/bed bugs barrier **Microsilky®**: breathable, very similar to silk and guaranteed for life!

Microsilky® Luxury - anti mite / bed bugs topper

Do you want to improve the quality of your sleep with the guarantee of a certified anti-mite/bed bugs product?

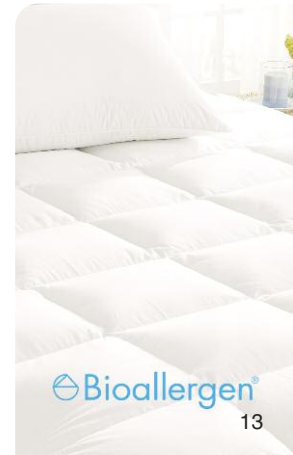
Microsilky® Luxury Anti mite/bed bugs Topper is right for you. It is made of a Bioconfort® Clout batting (a last generation fiber, elastic, **shape memory**) and covered with **Microsilky®** certified anti-mite/bed bugs fabric, a revolution in comfort, sensation, microclimate, and carrying capacity of the mattress.

Microsilky® Luxury Topper can be placed above any mattress in good condition, greatly improving its quality.

The ability of the fiber to change form in a different manner depending on pressure points, thus allowing weight distribution in a uniform manner over the entire surface of contact between body and mattress, **provides a general relaxing of the joints of the whole spine** and contributes to the improvement of microcirculation and cell metabolism.

Microsilky® Luxury Topper is an amazing product, with performances of exceptional durability, flexibility, lightness and great breathability for a better quality of sleep.

Microsilky® Luxury Topper can be washed at high temperatures (90°C) and is recyclable.



Microsilky® Luxury Anti-Mite / Anti-Bed Bugs Encasings

Why choose **Microsilky®**?

Microsilky® is very similar to silk, the most prestigious fabric for the production of bed linen; it is absolutely free of coatings and chemicals, as certified by **Oeko-Text Standard 100** which validated the suitability for use in direct contact with children's skin.

Microsilky®, has been studied at the Hygiene-Institut des Ruhrgebiets, where its **excellent ability of transpiration** (230 liters of air/per minute/square mts), **permeability to water vapor** and its particular **effectiveness in blocking mites and allergens** has been proved.

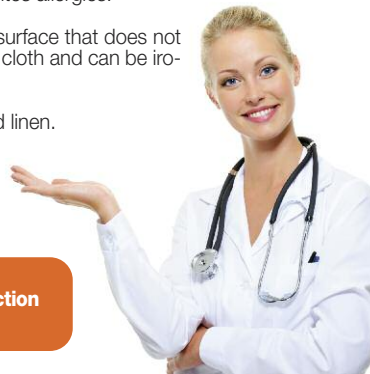
Due to its particular characteristics, **Microsilky®** received the prestigious quality mark ECARFT (**European Centre for Allergy Research Foundation**), which certifies the effectiveness of **Microsilky®** in the prevention of dust mites allergies.

To ensure hygiene, **Microsilky® is machine washable at 90°C** and, thanks to the very smooth surface that does not allow dust mites and allergens lurking between fibers, it can also be quickly cleaned with a damp cloth and can be ironed.

The high-quality material and excellent craftsmanship make **Microsilky®** products perfect for bed linen. The accuracy of stitching permits the isolation of each joint in order to prevent the passing of allergens from that point.

Its exceptionally lightness makes **Microsilky®** the best fabric for travel linen.

Microsilky® products are CE Certified as Class 1 medical devices. Certification ensures that products meet the standard requirements for the protection of health, in accordance with Directive 93/42/EEC.



The barrier against allergens pleasant as a sheet.

Developed by special microfiber the anti-mite covers line Softbiocare® are hardly distinguishable from traditional bedding! The feeling of pleasantness Softbiocare® increases wash after wash.

Softbiocare® has the consistency of a cotton sheet, a square meter of fabric it weighs only 80 gr!



The exclusive production process involves the use of polyester microfibers among which the air that flows freely, and for this reason the Softbiocare® covers are breathable and can offer a great comfort, in addition to being particularly effective in blocking of Fleas bed, dust mites and their allergens.

Unlike to natural fibers, microfibres Softbiocare® do not swell when wet and given the high breathability, and dries quickly.

The excellent material and excellent craftsmanship make Softbiocare® covers the essential complements to a bed-proof allergies.

Since beds in the hotels are not always free of mites, Softbiocare® represents the perfect travel linen for people with allergies. The mattress covers, duvet covers Softbiocare® are extremely lightweight and easily folded (a parure mattress + duvet cover weighs less than 1 kg!)

Despite Softbiocare® be effective against mites when used with old mattresses, should an allergy arise, we suggest the changing of mattress and pillow covers. In this way Softbiocare® is able to act effectively as a "barrier" stopping dust mites and mould from finding fertile ground and attacking your bed.

Softbiocare® is machine washable at 90°C with mild detergent, do not require the use of bleaches and should not be ironed!



Biobed Basic

Anti-Mite/Anti-Bed bugs Encasings



Biobed Basic, manufactured according to the CE standards, is an original cover-barrier for mattresses and pillow, now completely renovated, which prevents contact between man and dust mite or Bed bugs. Putting a barrier between man and mite/bed bugs, biobed basic prevents and reduces the risk of allergic sensitization. Biobed Basic is made of polypropylene, a material particularly suitable for health use and approved by the Food and Drug Administration (FDA).

Biobed Basic contrasts engraftment and growth of bacteria and mold, and allows the exchange of air and water vapor emitted by the organism allowing perspiration without favoring sweating, thus ensuring health and hygiene requirements.

Biobed Basic does not contain glues, dyes, or other potentially irritating components. Made of pure polypropylene it has no smell, it does not burn and is self-extinguishing. It is hygienic and practical because it can be used when travelling and with no sheets.



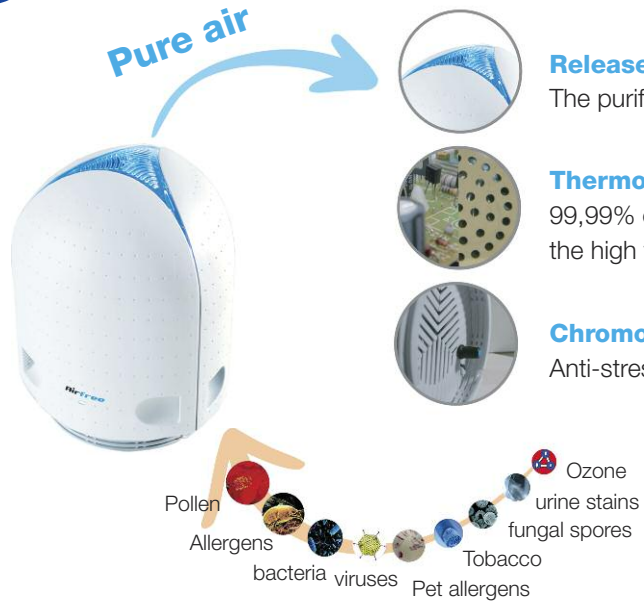
If properly used, Biobed Basic is able to maintain its characteristics of insurmountable barrier to mites for 12 months.

Biobed Basic respect the environment and does not create toxic waste. This non-woven fabric is lightweight, durable, has high breathability and can be washed at temperatures not exceeding 60°, even in a washing machine. Biobed Basic is subject to meticulous checks by Bioallergen Quality Control.

Specifications:

- Material: 100% polypropylene, which prevents the passage of mite and their allergenic derivatives.
- Winding "bag" of the mattress with zip on three sides to make insertion operation and coating easier.
- High weight/resistance ratio (70g/square mt)
- Does not burn and is self-extinguishing
- washable at 60° C in washing machine.

Airfree® Air Sterilizers



Release sterilized air.

The purified air is released into the environment.



Thermodynamic Sterilising System (TSS®).

99,99% of the microorganisms are destroyed by the high temperature (200°C).



Chromotherapy.

Anti-stress light adjustable

The **Airfree®** air purifiers, through technology, clean the air of confined environments using a completely natural and effective heat treatment can eliminate: dust mites and pet allergens, mold, bacteria, viruses, pollen, ozone and chemical contaminants, taking care of the air you breathe in your home and in your workplace.

How it works AirFree®?

The contaminated air enters the equipment for convection where the exclusive sterilizing core of porous ceramics made eliminates microorganisms and allergens to a temperature which exceeds 200 °C. After the sterilization process, the air is in contact with a cooling plate and flows into the environment free from germs and allergens.

How does it happen?

Microorganisms and allergens are composed of proteins. The proteins in very high temperatures, they undergo a process called "denaturing" in practice their structure is altered in a irreversible manner, losing their potential pathogenic and allergenic. The process is similar to the sterilization of water to a boil. We all know already at the boiling point of water (100°C), viruses and bacterial are neutralized.

AirFree® is suitable for?

- **Subjects with allergies and asthma.** What better way to avoid crises if not preventing the onset of disease. **AirFree®** can dramatically reduce the presence of these substances in the air, making it very useful for people with allergies.
 - **Children.** It has been shown that a large percentage of children exposed early in life to significant concentrations of allergens have also developed respiratory allergies. Studies also show that children with asthma have concentration problems and difficulties in social relationships when they are in contaminated environments.
 - **Chronically ill, transplanted, patients subjected to chemotherapy.** These people have a special sensitivity to micro-organisms and infections caused by them. For this reason, the air we breathe should be healthy and free of chemical and biological contaminants
 - **Health workers, doctors and veterinarians.** Those who work in the health sector or in the presence of animals is particularly subject to the risks arising from the exercise of professions in an environment where different sources of contamination.
- AirFree®** is not only an high efficiency air sterilizer, Its utilization, infact, leads to an improvement in the quality of life for the whole family.



Airfree E40 Up to 16 m²



Airfree E60 Up to 32 m²



Airfree P125 Up to 50 m²



Airfree P150 Up to 60 m²

Biocleaner MED

The power of steam at the service of health.

Your house is the place where you spend most of your time. It is a safe place, a shelter for you and your family. The substances that enter from the outside and those that are produced with everyday life activities can cause allergies (**dust mites, pets, molds, chemical pollutants**) and endanger your safety and well-being.

So why just "cleaning up"?

Biocleaner Med washes, hygienizes and purifies air. It dissolves with the power of steam even the most resistant dirt and it filters drawn air with the natural energy of water. Dust is made of particles of different sizes and potentially dangerous to our health: those smaller than 10 microns (PM10) can penetrate into the respiratory tract and those that are even finest (PM2,5) into the pulmonary air sacs.

Biocleaner Med Evolution is the only vacuum cleaner in the world with the filtering system "Dual Water Filter" an exclusive patent that captures even the finest and difficult to retain dusts.

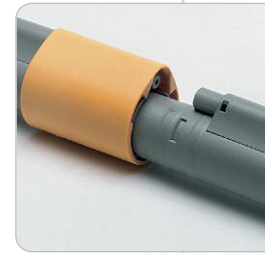
The intake air first passes through a water filter and then through a second filter, also a water one and completely independent from the first. The first filter retains most of the dust and the second the finest and most difficult to capture particles. Thanks to this innovative patented filtering system, **Biocleaner Med** can trap the smallest inhalable particles and the **MED logo** indicates its efficiency in all areas in which particular hygienic conditions are required (medical and dental clinics, food laboratories, places of stay of patients with allergic and respiratory difficulties).

Live your home. Live your life!

Biocleaner Med, if entered in a program of environmental prophylaxis can help reduce allergic symptoms and drug consumption as well as ensuring a hygienic and healthy environment by giving an essential contribution to household welfare!



 **Bioallergen**[®]



No more dust bags. Only cleaning, complete and simple.

Biocleaner Med is equipped with a series of specific accessories for the combined use of steam and suction:

- The intake speed control and the steam release trigger are integrated into the ergonomic handgrip.
- The accessories are attached with a simple click and released by pulling their rings.
- The rectangular brush (international patent) has a double rotation to adapt to any type of situation.
- The carpet plate has adjustable wheels in height for the easy cleaning of carpets and rugs with different thicknesses.
- The glass wiper with rubber blade allows a thorough cleaning of all types of glass surfaces.



Biocleaner Med cleans, sanitizes, purifies:

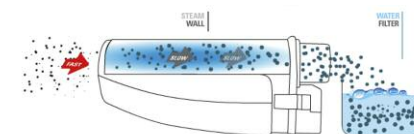
- Floors, tiles, even walls and mirrors, carpets and upholstery.
- It suctions dust, steam, liquids, retaining the dirt.
- Thanks to a unique water filter it returns purified air into the environment.
- It makes the environment the right degree of humidity and spreads essences into the air.

Optional: professional iron, device for dust suppression allergy block, electro brush.



Allergy Block

gun of dust



Allergy block is an exclusive patent that blocks even the finest dusts. It produces a vapor barrier that eliminates fine dust and releases into the environment purified air only!

First slows down the speed of the powder and then creates a barrier of high pressure steam. Micron powders are loaded into moisture and precipitate easily in water filter!



De-mite® Anti-mite laundry additive

The common detergents, by themselves, do not solve the problem of dust mites and their allergens!

The components acts of **De-mite®** rather eliminate them with a simple wash in cold water!

De-mite® is the alternative to washing at high temperatures, up to now only system adopted for sanitizing the laundry by dust mites.

It is enough 1/2 scoop of **De-mite®**, in addition to the detergent in hot, warm or cold water to remove allergens from dust mites and bed linen all washable garments.

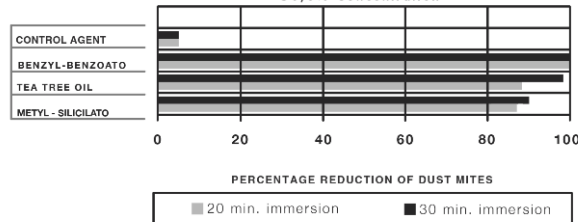


Numerous scientific studies have been published in recent years regarding the effectiveness of benzyl benzoate in reducing dust mite population.

The results of these clinical tests are

reported in the following table and demonstrate the capacity to reduce dust mites concentration of, respectively, benzyl benzoate, tea tree oil and methyl-salicylate, at low concentrations in cold water.

Benzil Benzoate, Tea Tree Oil, Methyl Salicylate & Control @0,8% Concentration



1 - "The Effectiveness of Benzyl Benzoate and Some Essential Plant Oils as Additives for Killing Dust Mites" by Lindy G. McDonald and Euan Tovey.

2 - "Low Temperature Washing with Mite Control Additives: Does it Provide a Temporary Mite Prophylaxis Against Domestic Mites?" by A. Fisher, F.M. Kniest, E.R.C. Bischoff.

Anti mite emitting ultrasonic

AllerVia® - R

AllerVia- R is an electronic device that emits an ultrasonic acoustic vibrations natural and harmless for humans and for pets, which, although totally inaudible to the human ear interfere with the life cycle of the mites by inhibiting their ability to reproduce.



You connect **AllerVia** to your home network, preferably in the bedroom and immediately, faced with a low consumption of Energy, began his action reclamation.

Since dust mites have a life cycle that ranges from 2 to 4 months, the results are progressive. Significant decreases in allergic reactions were observed already after 2-3 weeks after installation of **AllerVia**. The best results in terms of reduction of symptoms through continued use of **AllerVia** are felt around the 3rd or 4th month of use.



AllerVia® - PL



An electronic device ultrasonic against allergies from dust mites, non-toxic and environmentally friendly, is particularly useful for environments that do not have electricity at 220 V and whose rehabilitation is particularly complex as: car, boat or camper the vacation home. Conceptually, the operation is identical to that version in a network (Allervia - R) is equipped with a non-replaceable lithium battery that, once activated, provides reliable operation for about a year.

Since that the best approach to the reduction of allergic reactions to dust mites appears to be the prevention made through an effective environmental sanitation, the use of AllerVia in a remediation program in synergy with other proven anti mite devices (anti mite covers, steam cleaners, acaricides for the clothes, etc..) can contribute significantly to the reduction of symptoms of allergic disease.



(*) The clinical studies that prove the effectiveness of the AllerVia are available at: www.bioallergen.com



Allerblock® Vacuum Cleaner

The vacuum cleaner is a household appliance that can effectively reduce the concentration of the allergenic particles present in the home (pollens, mites, molds etc.) But must be equipped with high efficiency filters (HEPA) filter able to retain the pulviscolar material diameter of a few microns.

Allerblock® a HEPA filter is suitable for any vacuum cleaner, able to retain more than 98% of the particles larger than 1 micron in size.

Special features of the filter Allerblock® Allerblock are:

- High filtration efficiency
- Ability to filter the particles electrostatically
- Low resistance to airflow

The filter Allerblock®, suitably tailored custom and placed in the unit of the vacuum filtration outgoing drastically reduces the release into the environment of allergenic particles.

Allerblock® should be replaced every 1-2 months depending on the frequency of use of the vacuum cleaner.

Allerblock® heaters

Allerblock® heaters is the universal electrostatic filter with high efficiency developed by Bioallergen that adapts to any type of heater and convector heater. Consisting of an electrostatically charged fiber that filters very small particle sizes (up to 0.3 microns) Allerblock® heaters effectively contrasts the formation of dark spots on the walls close to the radiator and helps to improve air quality by having the ability to retain micro-particles of: pollen, animal dander, bacteria, mold, mildew, smoke, smog, dust and fluff.

Allerblock® heaters should be replaced periodically (once or 2 times per season, depending on the frequency of use of the radiator / convector heater) this operation is very simple due to the fixing system quick and easy.



Not washable, throws after use.

Informations

For more information about the products of the line **Bioallergen®** and directions about the points of sale, please visit the website www.bioallergen.com or contact **our Customer Service Department** available Monday to Friday from 8:30 to 18:30 at the numbers **800 029188** or **+39 0442 321286**.



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Holder of the treatment is Elite s.a.s. via San Camillo de Lellis, 13 - Cerea (VR).

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