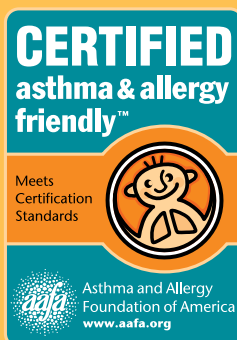


# asthma & allergy friendly™ Certified Products Guide

## Look for this Mark



Products that carry this mark have been scientifically tested and are more suitable for people with asthma and allergies.

[www.asthmaandallergyfriendly.com](http://www.asthmaandallergyfriendly.com)

## These products can be found at:



People who have asthma and allergies can have reactions to "triggers" at home, work or outdoors, and may experience wheezing, coughing, shortness of breath, and chest tightness. These symptoms can begin at any age but with proper management and education, you can lead a normal, active life.

Your care is best when you work with your doctor to develop a comprehensive prevention plan. But since triggers can exist all over your home, learning how to reduce household triggers can play an important role.

Many household triggers are right out in the open, and others can hide in unexpected places. They can easily become airborne, polluting your indoor air and causing symptoms. Your floors, walls, window sills, toys, pets, bedding, carpets, curtains, furniture, basements, attics, air ducts, garages, yards and more, can all be sources of triggers called "allergens" and "irritants."

Eliminating or reducing the sources of triggers and avoiding exposure to triggers is called "environmental control," and it's a cornerstone of prevention. In fact, the newly revised Clinical Guidelines for the Diagnosis and Management of Asthma recently published by the National Institutes of Health's (NIH) National Asthma Education and Prevention Program (NAEPP) emphasize the importance of controlling environmental factors.

Learning how to find, remove and prevent exposure to allergens and

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irritants in your home is a great way to take more control of your exposure.

The Asthma and Allergy Foundation of America (AAFA) and Allergy Standards Limited (ASL) are the joint partners behind the **asthma & allergy friendly™** Certification Program. This program was created in order to help you make a more informed purchase decision when buying products that make allergen reduction claims. The Certification Program does not rank or rate different products in a particular category. Each product that bears the Certification Mark has been scientifically tested in independent laboratories and has been found to be more suitable for people with asthma and allergies.

(The tips and products included in this guide are not intended to replace the advice of a physician.)

[www.asthmaandallergyfriendly.com](http://www.asthmaandallergyfriendly.com)

## Air Cleaners

Many allergens, including pet dander and dust mite allergen, are associated with dust particles, and are prone to be, or become airborne. The use of effective air cleaning devices, is part of a multi-faceted approach to allergen reduction.

The **asthma & allergy friendly™** Certification Mark is awarded to those air cleaning devices that can be scientifically demonstrated to reduce allergens. In order to be certified, an air cleaner must be scientifically tested to prove:

- ✓ It can reduce allergen levels in a defined space by greater than 75%.
- ✓ The reduction of allergen levels must be the result of actual removal and not just re-distribution.
- ✓ It must not contribute to ozone levels in the home that exceed Federal Regulations.

The Certification Mark can currently be found on select Portable Air Cleaning Devices, and standards for HVAC Filters, Portable Air Conditioners and Dehumidifiers are under development.

Currently Certified Air Cleaning Products Include  
(In alphabetical order):

- ATMOSPHERE® Air Purifier
- IDYLIS™ 280 Large Room Air Purifier
- IDYLIS™ 200 Medium/Large Room Air Purifier
- IDYLIS™ 150 Medium Room Air Purifier

Visit [www.asthmaandallergyfriendly.com](http://www.asthmaandallergyfriendly.com) to locate these products near you.

## Bedding

Exposure to allergens, including house dust mites and animal dander, is considerably reduced when you use bedding items made with certified barrier fabrics as part of a multi-faceted approach to allergen reduction.

Certified **asthma & allergy friendly™** bedding is subjected to physical and chemical testing. Bedding products with the Certification Mark have been scientifically tested to prove:

- ✓ It is an effective barrier to allergen.
- ✓ Allergen that accumulates can be removed by washing.
- ✓ There are no sensitizing or allergenic chemicals such as formaldehyde.
- ✓ It is manufactured from a breathable fabric.
- ✓ It can withstand the recommended washing frequency.

Currently the Certification Mark can be found on Pillows, Mattress Encasements and Covers, Pillow Encasements and Protectors, Comforters and Duvets.

Currently Certified Bedding Products include  
(In alphabetical order):

- BREATHWELL™ Bedding Products
- CANNON™ Reduced Allergen Pillows
- HEALTHY HOME™ Bedding Products
- JC PENNY Allergen Barrier Products
- MICROBARRIER™ Bedding Products
- MICROSHIELD™ Bedding Products
- SMART SILK™ Silk Filled Bedding Products

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## Cleaning Products

An effective home allergen reduction program includes all measures necessary to reduce allergen presence including the removal of particulate matter through physical methods, Certified air cleaners.

The **asthma & allergy friendly™** Certification Mark is awarded to those cleaning products that can be scientifically demonstrated to remove allergens while minimizing your exposure to additional irritants. In order to be certified, a spray cleaner must be scientifically tested to prove:

- ✓ It can remove allergen from hard surfaces to a significant level.
- ✓ The removal of allergen does not result in aerosolization.

- ✓ It is of the lowest possible toxicity.
- ✓ It is tested for airborne chemicals such as Acetaldehyde.
- ✓ There is an extremely low chemical and allergen content in the breathing zone.

Currently Certified Cleaning Products Include  
(In alphabetical order):

- ENDUST FREE™ Dusting and Cleaning Spray

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## Floor Coverings

Some floor coverings and installation materials (e.g. adhesives) are potential sources of air pollution and reduced Indoor Air Quality (IAQ) and some floor coverings are more prone to collecting and promoting allergens.

In order to be certified **asthma & allergy friendly™**, a floor covering must be scientifically tested to prove:

- ✓ It has a low capacity for retention of allergen.
- ✓ Allergen that does accumulate can be removed by the recommended cleaning technique.
- ✓ Recommended cleaning of the flooring will not result in exposure to airborne allergen.

- ✓ Installation of flooring does not result in elevated levels of chemicals such as volatile organic compounds (VOCs).

Currently Certified Floor Coverings Include  
(In alphabetical order):

- FORBO Marmoleum™ CLICK Panels
- FORBO Marmoleum™ CLICK Tiles

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## Stuffed Toys

Physicians often recommend the removal of stuffed toys from children with asthma and allergies. Because stuffed toys are similar to filled bedding products, they can harbor dust mites and accumulate allergens. Additionally some dyes and other materials used in the manufacture of toys have been shown to be allergic triggers

In order to be certified **asthma & allergy friendly™**, a stuffed toy must be scientifically tested to prove:

- ✓ Allergen that accumulates can be removed by washing.
- ✓ The quality of construction and materials used allow it to withstand the recommended washing frequency.
- ✓ It does not have sensitizing or allergenic chemicals such as Formaldehyde.

Currently Certified Stuffed Toys Include  
(In alphabetical order):

- ASTHMA & ALLERGY FRIENDLY™ Toys by Kids Preferred
- BUILD-A-BEAR WORKSHOP™ Velvet Bear
- BUILD-A-BEAR WORKSHOP™ Velvet Pup
- DISNEY® ALLERGY FRIENDLY Toys by Kids Preferred
- HEALTHY BABY™ Stuffed Toys by Kids Preferred
- SENSITIVE BABY™ Dolls by The Goldberger Company

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## Vacuum Cleaners

Regular vacuuming with a Certified vacuum is important to minimize the total allergen burden of a room. The **asthma & allergy friendly™** Certification Mark is awarded to vacuums that can be scientifically shown to remove allergens, while minimizing the exposure to the user.

In order to be certified a vacuum cleaner must be scientifically tested to prove:

- ✓ It removes a specified and significant amount of allergen from carpeting.
- ✓ Allergen that is removed is retained within the vacuum cleaner.
- ✓ The vacuum cleaner does not experience a reduction in allergen pick-up in the presence of a partly filled bag (or receptacle).
- ✓ The operator is not excessively exposed to allergen upon bag (or receptacle).

Currently Certified Vacuum Cleaners Include  
(In alphabetical order):

- DYSON DC 14 Upright Vacuum
- DYSON DC 15 Upright Vacuum
- DYSON DC 17 Upright Vacuum
- DYSON DC 18 Upright Vacuum
- DYSON DC 22 Canister Vacuum
- DYSON DC 23 Canister Vacuum
- DYSON DC 24 Upright Vacuum
- DYSON DC 25 Upright Vacuum
- DYSON DC 27 Upright Vacuum
- DYSON DC 28 Upright Vacuum
- LG Electronics LuV300B Upright Vacuum

Visit [www.asthmaandallergyfriendly.com](http://www.asthmaandallergyfriendly.com) to locate these products near you.

## Washing Machines

Exposure to allergen is considerably reduced when a regimen of regular laundering of bedding clothes, soft furnishings and toys is maintained. Source control through laundering should include a water temperature greater than 131°F during the wash cycle in order to kill dust mites and their eggs.

In order to be certified **asthma & allergy friendly™**, a Washing Machine must be scientifically tested to prove:

- ✓ It can reduce house dust mite and domestic animal dander levels.
- ✓ It can achieve a washing temperature equal to or greater than 131°F.

- ✓ There is exposure above designated limit levels of indoor ozone by-product, ionized particles or VOCs.

Currently Certified Washing Machines Include (In alphabetical order):

- LG Rear Control SteamWasher™
- LG LCD SteamWasher™
- LG LED SteamWasher™
- LG Ultra Capacity SteamWasher™

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**For more information, please visit**  
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