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EPA Indoor airPLUS

Building on ENERGY STAR



Indoor airPLUS Basics

- Indoor airPLUS is an EPA label that adds health protections on top of the ENERGY STAR foundation.
 - Moisture control
 - Radon control
 - Pest barriers
 - Ventilation and filtration
 - Combustion pollutants
 - Low-emission materials
 - Homeowner education



- Indoor airPLUS Revision 3

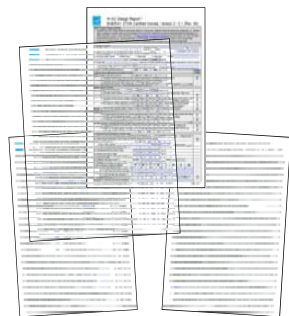
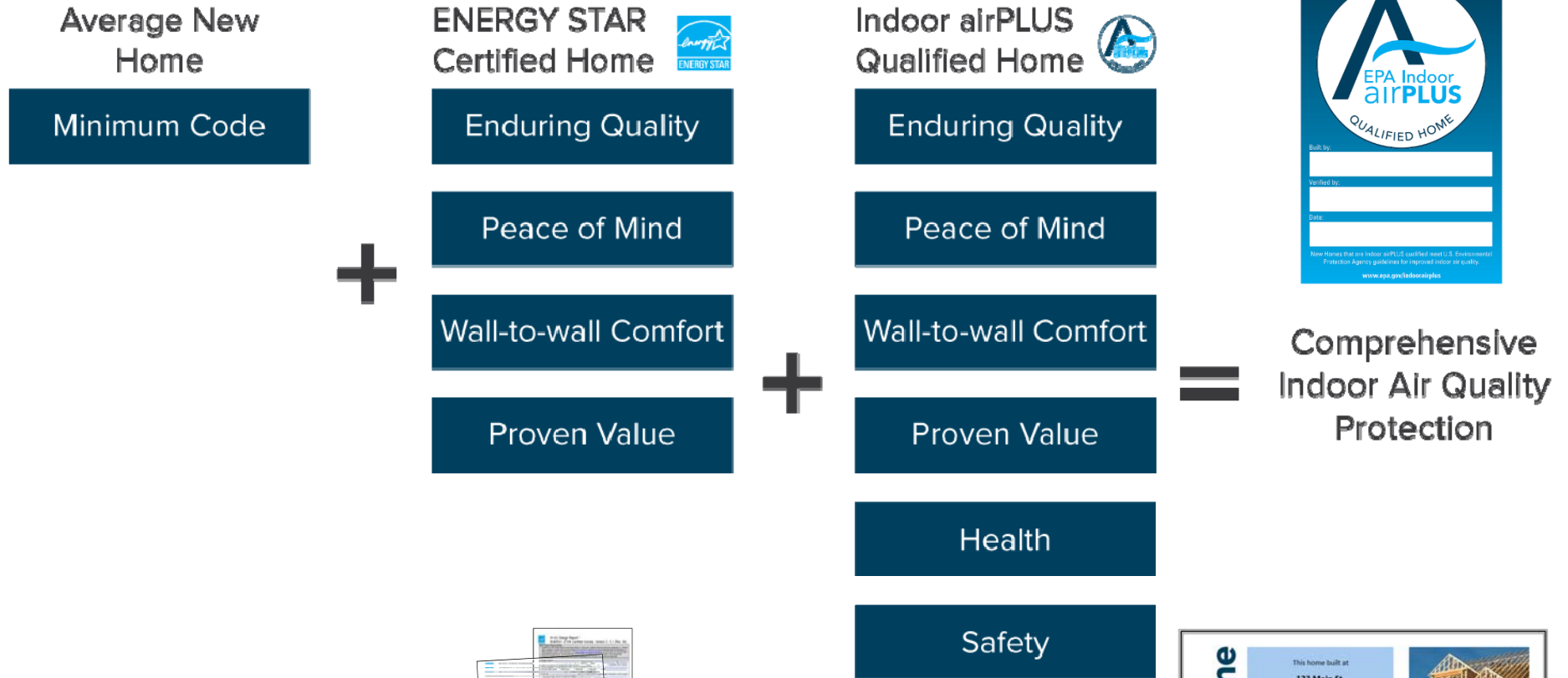
Low emission materials

- Composite Wood
- Interior Paints and Finishes
- Carpet and Carpet Adhesives
- Adhesives and Sealants



**How to Find Indoor airPLUS Compliant
Low-Emission Products**

Communicating Value to the Homebuyer



Cleasby family



Daughter Merritt suffers asthma



Duct connections in their former home; no fresh air ventilation



Life is good for Merritt



Life is great for the Indoor airPLUS Builder who built Merritt's home

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Indoor airPLUS

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You are here: [EPA Home](#) » [Indoor airPLUS](#) » Find an Indoor airPLUS Builder or Rater

Find an Indoor airPLUS Builder or Rater


Take the first step to protect your family from poor indoor air quality. Find a builder who can build an Indoor airPLUS qualified home.

Looking for a Builder?

If you haven't yet decided on a builder, look for an Indoor airPLUS builder in your area using the ENERGY STAR Partner Locator. No Indoor airPLUS builders listed near you? Most ENERGY STAR builder partners can quickly learn how to build an Indoor airPLUS qualified home with the help of a Home Energy Rater. Contact a potential builder on the Partner Locator and tell them you want an Indoor airPLUS home!

Builders build and sell Indoor airPLUS qualified homes.

Verifiers inspect and label Indoor airPLUS qualified homes.

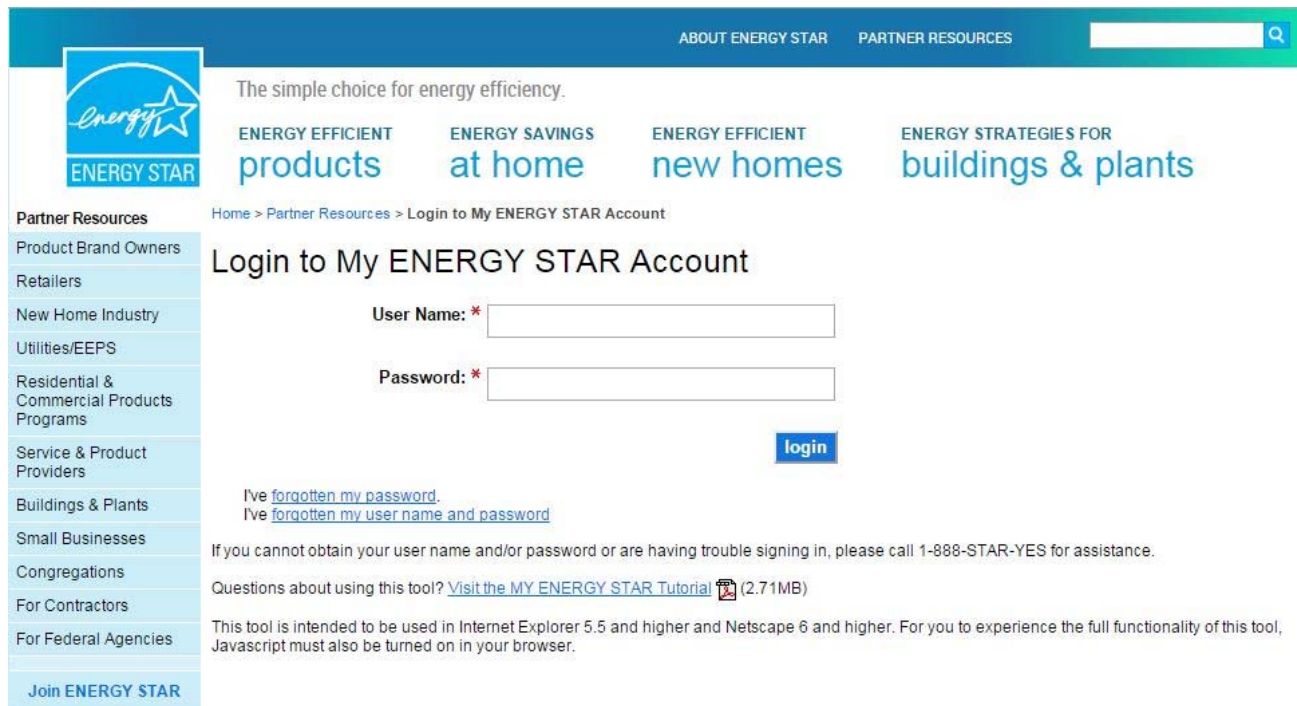


[ENERGY STAR Partner](#)

- Indoor Air Quality Home Page
- Indoor airPLUS Home
- About Indoor airPLUS
 - Basic Information
 - Videos, Podcasts, Webinars
 - Publications and Resources
- Indoor airPLUS for Home Buyers
- Builders, Raters & Providers
 - Building with Indoor airPLUS
 - Construction Specifications (Rev. 03)

Become an Indoor airPLUS Partner

- For current ENERGY STAR Partners:
 - Log into your My ENERGY STAR Account (MESA)
www.energystar.gov/mesa
 - If you don't know your user name and password, click the link or email energystarhomes@energystar.gov for assistance.
 - Click the “Join Indoor airPLUS” link in MESA.



The screenshot shows the ENERGY STAR website interface. At the top, there is a navigation bar with "ABOUT ENERGY STAR" and "PARTNER RESOURCES" links, and a search box. Below the navigation bar is the ENERGY STAR logo and the tagline "The simple choice for energy efficiency." To the right of the logo are four main categories: "ENERGY EFFICIENT products", "ENERGY SAVINGS at home", "ENERGY EFFICIENT new homes", and "ENERGY STRATEGIES FOR buildings & plants".

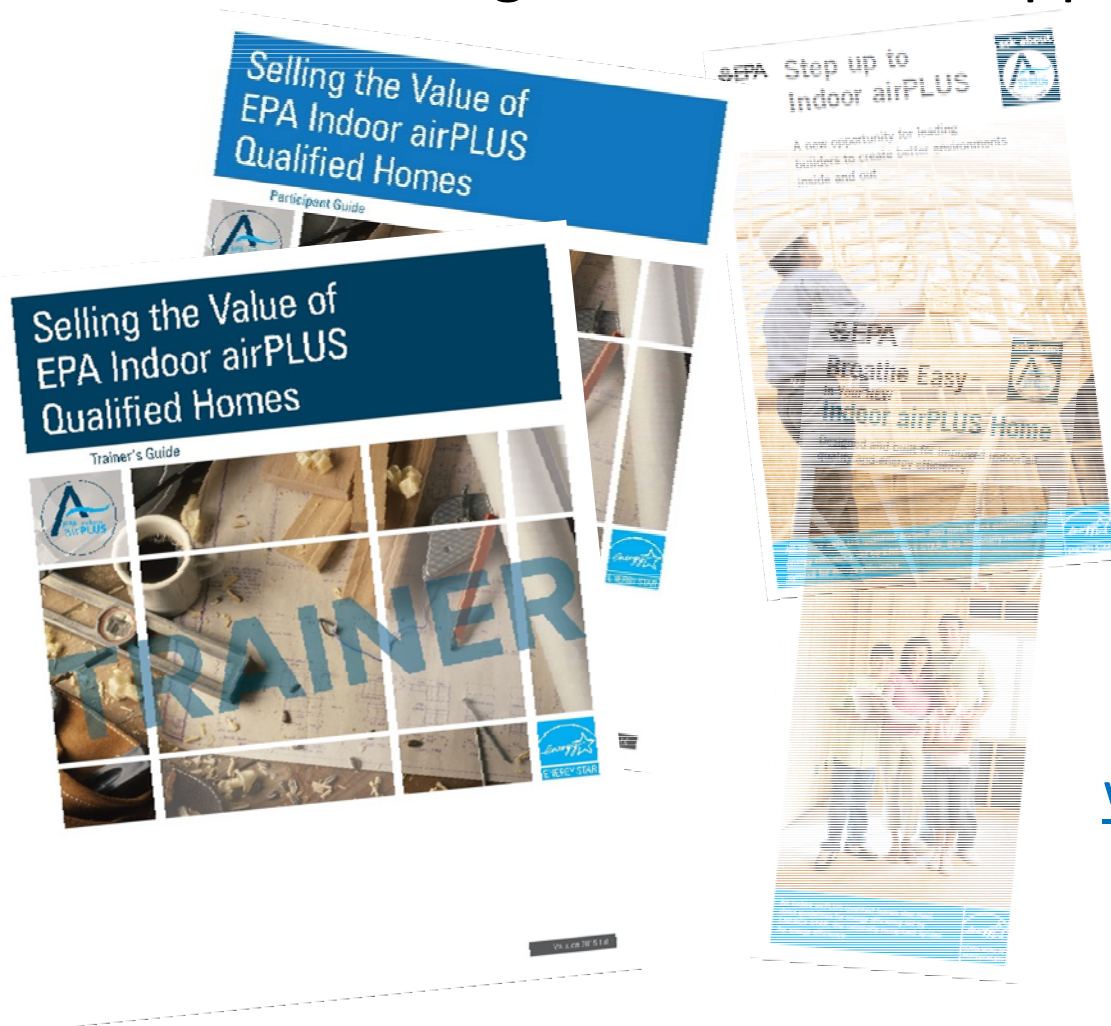
The main content area is titled "Login to My ENERGY STAR Account" and includes a breadcrumb trail: "Home > Partner Resources > Login to My ENERGY STAR Account". The login form consists of two input fields: "User Name: *" and "Password: *", both with asterisks indicating they are required. A blue "login" button is positioned below the password field. Below the form are two links: "I've forgotten my password." and "I've forgotten my user name and password".

At the bottom of the main content area, there is a note: "If you cannot obtain your user name and/or password or are having trouble signing in, please call 1-888-STAR-YES for assistance." Below this note is a link: "Questions about using this tool? Visit the MY ENERGY STAR Tutorial" (2.71MB). At the very bottom, there is a disclaimer: "This tool is intended to be used in Internet Explorer 5.5 and higher and Netscape 6 and higher. For you to experience the full functionality of this tool, Javascript must also be turned on in your browser."

On the left side of the page, there is a vertical menu titled "Partner Resources" with the following items: "Product Brand Owners", "Retailers", "New Home Industry", "Utilities/EEPS", "Residential & Commercial Products Programs", "Service & Product Providers", "Buildings & Plants", "Small Businesses", "Congregations", "For Contractors", "For Federal Agencies", and "Join ENERGY STAR".

Indoor airPLUS Resources and Tools

Marketing and Technical Support for Partners



www.epa.gov/indoorairplus

[Email: IAP@icfi.com](mailto:IAP@icfi.com)

For Sales Training materials and partner-only resources:

www.energystar.gov/mesa

Co-branded marketing materials

Why does indoor air quality matter?

People are increasingly concerned about mold, radon, carbon monoxide, and toxic chemicals in their homes. Poor indoor air quality can lead to eye irritation, headaches, allergies, respiratory problems such as asthma, and other serious health problems.

EPA studies show that levels of many indoor air pollutants can be two to five times higher than outdoor levels. And since most people spend close to 90% of their time indoors, keeping indoor pollution levels as low as possible is the right thing to do for you and your family.

How can building practices help improve indoor air quality?

Builders can use a variety of construction practices and technologies to decrease the risk of poor indoor air quality, including careful selection and installation of building materials; heating, ventilating, and air-conditioning (HVAC) systems; combustion-venting systems; and moisture control techniques.

It's not easy for homebuyers to keep track of all the preferred construction details that lead to improved indoor air quality. That's why EPA created the Indoor airPLUS label. Ask for it in your next new home.



Only ENERGY STAR Certified Homes are eligible to earn the Indoor airPLUS label.

Office of Air and Radiation
EPA 402/F-14/001 | February 2014

www.epa.gov/indoorairplus



Breathe Easy

In Your NEW

Indoor airPLUS Home

Designed and built for improved indoor air quality and energy efficiency.

ask about



All Indoor airPLUS qualified homes also meet strict guidelines for energy efficiency set by ENERGY STAR, the nationally-recognized symbol for energy efficiency.



Indoor airPLUS Training



United States Environmental Protection Agency

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Indoor airPLUS Videos, Podcasts, Webinars and Interviews

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- [YouTube Videos about Indoor airPLUS](#)

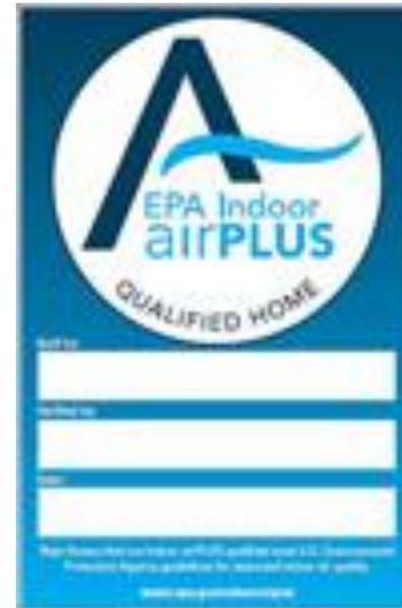
YouTube videos about Indoor airPLUS

Healthier Homes with Indoor airPLUS



Follow process for EPA Indoor airPLUS

- Design home to meet ENERGY STAR Certified Home requirements
- Construct home following EPA Indoor airPLUS requirements
- Test home by qualified RESNET Rater
- Label home
- Market home with EPA co-branded materials



Not ready for EPA Indoor air PLUS?

U.S. DEPARTMENT OF **ENERGY** | Energy Efficiency & Renewable Energy

Building America Solution Center

Log In | Register

Enter your keyword

Solution Center Home

Help

FIND YOUR TOPIC BY:

- Building Components
- Guides A-Z
- ENERGY STAR Certified Homes
- Zero Energy Ready Home
- EPA Indoor airPLUS

FIND RESOURCES:

- Sales Tool
- CAD Files
- Image Gallery
- Case Studies
- Videos
- Optimized Climate Solutions
- References and Resources
- Code Briefs

FIND PUBLICATIONS:

- Building Science Publications

[tps://bascc.pnnl.gov/content/help](https://bascc.pnnl.gov/content/help)

The Building America Solution Center provides access to expert information on hundreds of high-performance construction topics, including air sealing and insulation, HVAC components, windows, indoor air quality, and much more. Click on the links below to explore the Solution Center.

Program Checklists
Access guides directly from checklists for Zero Energy Ready Home, ENERGY STAR Certified Home, and Indoor airPLUS



Building Components
Access guides for new and existing homes based on building components of interest.



Sales Tool
Translate building science technical terms into a new language of value.



Climate Packages
Review new home energy efficiency specifications and case studies that exceed 2009 IECC by 30%.



RECENTLY ADDED/UPDATED GUIDES

- [ECM Air Handler Fans](#)
Last Updated: February 26, 2016
- [Outdoor Air Intakes Damper Controlled](#)
Last Updated: February 24, 2016
- [Outside Air Intake Controls](#)
Last Updated: February 23, 2016

RECENTLY ADDED CONTENT

- [Slab edge insulation](#)
Image Posted: January, 2016
- [Solar on Sips](#)
Reference Posted: December, 2015
- [First row and quality assurance](#)
Image Posted: December, 2015

Building Science Pubs

Mobile App



Building America Solution Center

Building America Solution Center

Enter your keyword

EERE » BTO » Building America » Solution Center

[Solution Center Home](#)

[Help](#)

FIND YOUR TOPIC BY:

[Building Components](#)

[Guides A-Z](#)

[ENERGY STAR Certified Homes](#)

[Zero Energy Ready Home](#)

[EPA Indoor airPLUS](#)

FIND RESOURCES:

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[CAD Files](#)

[Image Gallery](#)

[Case Studies](#)

[Videos](#)

[Optimized Climate Solutions](#)

[References and Resources](#)

[Code Briefs](#)

FIND PUBLICATIONS:

[Peer-Reviewed Science Publications](#)

Whole-Building Design Strategies - Indoor Environment



Solution Center Guides

[Certified Low-VOC Pressed-Wood Materials](#)

Guide describing Indoor airPLUS construction specifications for low-VOC pressed wood materials.

[Certified Low/No VOC Carpets](#)

Guide describing Indoor airPLUS construction specifications for carpets.

[Certified Low/No-VOC Paints and Finishes](#)

Guide describing Indoor airPLUS construction specifications for low/no VOC paints and finishes.

[Combustion Safety - CO Alarms Installed](#)

Guide describing how to choose and install a carbon monoxide alarm.

[High-MERV Filter](#)

This guide describes the uses, selection process and specification of high MERV filters.

[Insulating Existing Floors over Garage](#)

Guide with information about how to upgrade a garage ceiling when a portion of the interior of the house is located directly above the attached garage by adding insulation and air sealing.

FILTER BY CONSTRUCTION TYPE

- [Existing Homes \(11\)](#)
- [New Homes \(11\)](#)
- [New and Existing Homes \(10\)](#)

FILTER BY BASC KEYWORDS

- [Indoor Air Quality \(11\)](#)
- [Contaminants \(8\)](#)
- [Materials \(4\)](#)
- [Codes and Standards \(3\)](#)
- [Consumer \(3\)](#)
- [Ventilation \(3\)](#)
- [Air Sealing \(2\)](#)
- [Floors \(2\)](#)
- [HVAC \(2\)](#)
- [Radon \(2\)](#)
- [Ceilings \(1\)](#)
- [Combustion \(1\)](#)
- [Ducts \(1\)](#)
- [Exhaust \(1\)](#)
- [Fans \(1\)](#)

Questions, comments

