



EPA's ENERGY STAR Verified HVAC Installation Program (ESVI)

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EPA's ENERGY STAR Program

- Long history of successfully promoting high-efficiency HVAC equipment and other energy-efficient consumer products
- Utilities, contractors, and consumers have all readily adopted the opportunity
- Why?
 - Utilities/Sponsors – Cost-effective way to meet savings goals using a nationally-recognized and trusted platform
 - Contractors – Up-sell to higher efficiency equipment
 - Consumers – Lower bills; greater comfort
- Plus, the power of the government-backed, trusted ENERGY STAR label

Everybody wins!



The QI Conundrum

- We all know there's a problem out there!
 - We've had the QI-5 Standards for while, but uptake has been limited
- In general, utilities, contractors, and consumers have **NOT** readily adopted the opportunity
- Why?
 - Utilities/Sponsors – Too complicated, too expensive, too burdensome
 - Contractors – Too complicated, too expensive, no consumer demand
 - Consumers – Too complicated, too expensive, no one selling it
- Plus, no ENERGY STAR (*maybe?*)

Everybody loses!





The Verification/QA Problem

- Historically, QI programs have had to rely on boots-on-the-ground to document compliance
 - This is a big driver of high programmatic costs and burden
- Today, technology solutions & smart tools are emerging as an opportunity to more cost-effectively to deliver programs
- Ultimately, industry/stakeholder community need to define standard expectations to demonstrate for acceptance and use in our programs
- Positive signs:
 - ACCA's recent work revising the QI Verification Protocols (QIvP-9) Standard
 - DOE's Home Improvement Catalyst initiative (HI-Cat)
 - CEE's increased emphasis on cost-effective Quality Installation programs

But in the meantime...



EPA's ESVI Pilot Program

- Partnering with Program Sponsors to ‘road-test’ different technology solutions and tools to help deliver QI
- Participating programs must demonstrate compliance with both QI-5 & QIvP-9
 - Sizing, Selection, Installation, Commissioning, Ducts, Verification
- 3 Pilots recently launched; each based on a different technology approach
 - ACCA (mobile app)
 - Southface/Emerson/Reliable (ComfortGuard)
 - Cedar Falls Utilities (ESI, with additional requirements)
- Pilots must report jobs and data on technology performance to EPA
 - Results can be used to support DOE’s HI-Cat effort

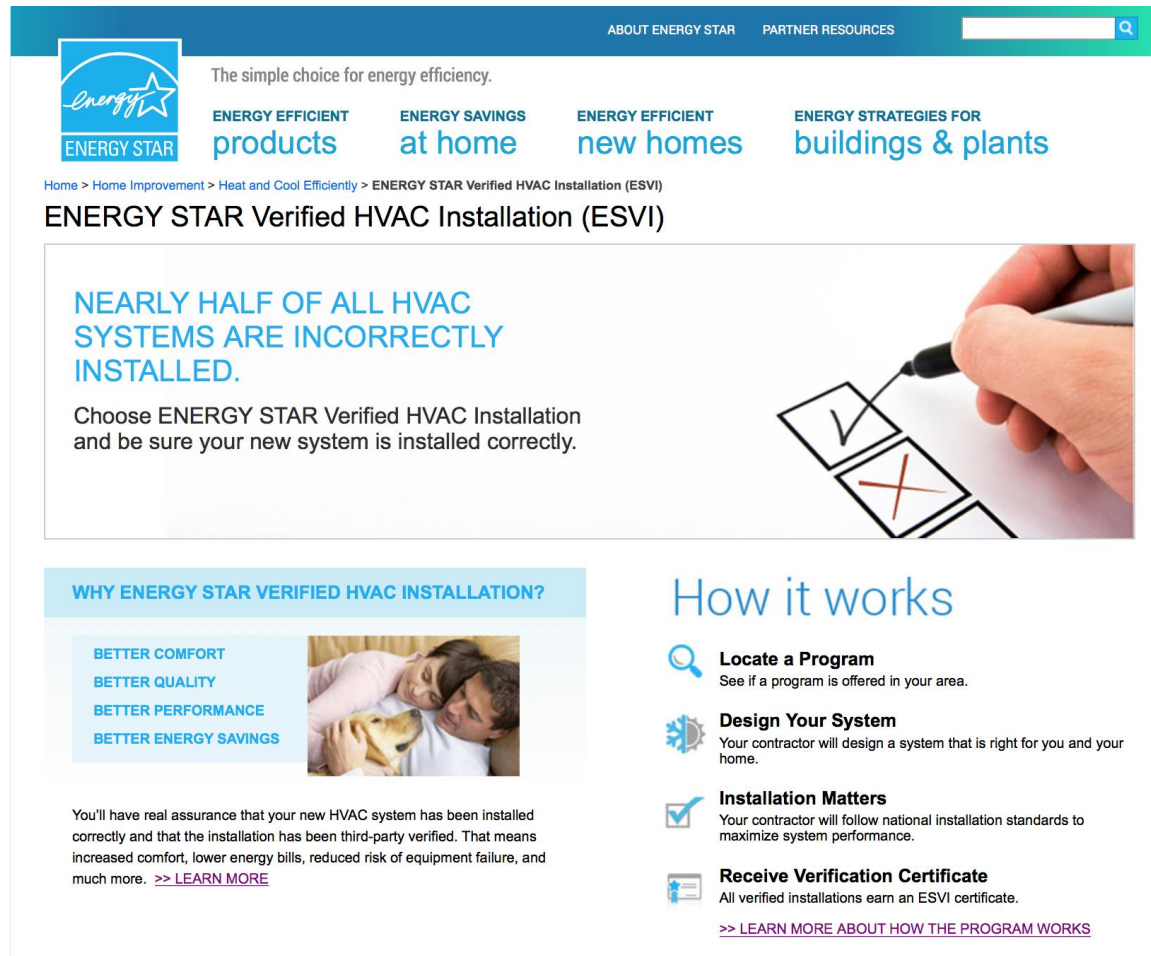
We’re looking for more partners and technology solutions to work with!



Leveraging the Market's Trust in EPA's ENERGY STAR



Leveraging the Market's Trust in EPA's ENERGY STAR




The screenshot shows the ENERGY STAR website page for "ENERGY STAR Verified HVAC Installation (ESVI)". The page features a navigation bar with "ABOUT ENERGY STAR" and "PARTNER RESOURCES" links, and a search bar. Below the navigation is the ENERGY STAR logo and the tagline "The simple choice for energy efficiency." Four main categories are listed: "ENERGY EFFICIENT products", "ENERGY SAVINGS at home", "ENERGY EFFICIENT new homes", and "ENERGY STRATEGIES FOR buildings & plants". The breadcrumb trail reads "Home > Home Improvement > Heat and Cool Efficiently > ENERGY STAR Verified HVAC Installation (ESVI)".

ENERGY STAR Verified HVAC Installation (ESVI)


NEARLY HALF OF ALL HVAC SYSTEMS ARE INCORRECTLY INSTALLED.

Choose ENERGY STAR Verified HVAC Installation and be sure your new system is installed correctly.







WHY ENERGY STAR VERIFIED HVAC INSTALLATION?

- BETTER COMFORT
- BETTER QUALITY
- BETTER PERFORMANCE
- BETTER ENERGY SAVINGS

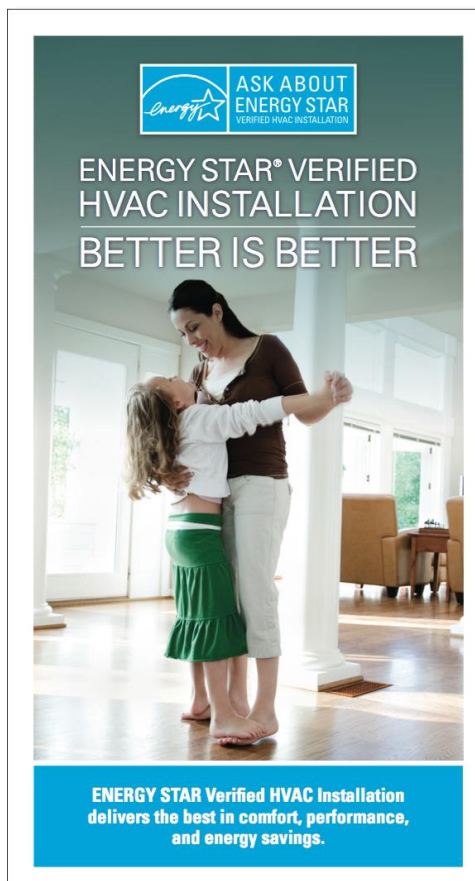



You'll have real assurance that your new HVAC system has been installed correctly and that the installation has been third-party verified. That means increased comfort, lower energy bills, reduced risk of equipment failure, and much more. [>> LEARN MORE](#)

How it works


-  **Locate a Program**
See if a program is offered in your area.
-  **Design Your System**
Your contractor will design a system that is right for you and your home.
-  **Installation Matters**
Your contractor will follow national installation standards to maximize system performance.
-  **Receive Verification Certificate**
All verified installations earn an ESVI certificate.
[>> LEARN MORE ABOUT HOW THE PROGRAM WORKS](#)

Leveraging the Market's Trust in EPA's ENERGY STAR



 **ASK ABOUT ENERGY STAR**
VERIFIED HVAC INSTALLATION

ENERGY STAR® VERIFIED HVAC INSTALLATION
BETTER IS BETTER



ENERGY STAR Verified HVAC Installation delivers the best in comfort, performance, and energy savings.

Get the most from your new system:

Insist on ENERGY STAR Verified HVAC Installation.

Purchasing a new HVAC system is a great opportunity to improve the comfort and energy efficiency of your home. But getting the most from your new system depends on more than just buying new equipment. To get the best performance and efficiency, the system has to be installed right.


Choose a contractor who offers ENERGY STAR Verified HVAC Installation. It's the best way to ensure that your new system will provide better comfort, better quality, better performance, and better energy savings for years to come. Learn more at energystar.gov/hvacvi.



A poorly installed HVAC system can mean less comfort and higher utility bills.



Leveraging the Market's Trust in EPA's ENERGY STAR



ENERGY STAR® VERIFIED HVAC INSTALLATION CERTIFICATE

CONGRATULATIONS!


Your new cooling system has been designed, installed, and verified to meet ENERGY STAR Verified HVAC Installation (ESVI) requirements.

JOB DETAILS

Certificate / Job Number: _____
Home Address: _____

Technician: _____ Date: _____
Contractor Company: _____
System Location: _____
System Description: _____

YOUR ESVI PROGRAM IS SPONSORED BY:



ASK ABOUT ENERGY STAR VERIFIED HVAC INSTALLATION

Contractor Logo Goes Here

HOMESOWNER

Address: _____
Contractor: _____
ESVI Program Sponsor: _____
Other Info: _____

DETAILS

Here's what we did for you today:

- Installed a system specifically designed and sized for your home
System Description (e.g., Model #, SEER Rating): _____
System Location: _____
- Checked your ducts and improved them, as necessary:
Duct leakage: _____
- Checked airflow:
Airflow measurement: _____
- Checked refrigerant for air conditioners and heat pumps
- Installed properly matched ENERGY STAR certified equipment
- Performed health and safety checks

Your system has been designed and installed to meet ENERGY STAR Verified HVAC Installation (ESVI) program requirements. Once verified by your ESVI program sponsor, your certificate will be on its way!

Your system has been improved, but it does not fully meet the ENERGY STAR Verified HVAC Installation program requirements. An ESVI certificate cannot be issued until your equipment and distribution system are designed and installed to meet ESVI requirements.

NOTES

Contractor Signature _____ Date _____

Information about your system installation will be submitted to your ESVI program sponsor for review. If all the information is verified to meet program requirements, you will receive an ENERGY STAR Verified HVAC Installation certificate.

To learn more about ENERGY STAR Verified HVAC installation, go to energystar.gov/esvi




EPA's ESVI Pilot Program

- An opportunity to deliver efficient equipment **AND** Quality Installation
- Utilities, contractors, and consumers can more readily adopt this opportunity (*hopefully*)
- Why?
 - Utilities/Sponsors – Cost-effective way to **REALLY** meet savings goals
 - Contractors – Up-sell efficiency **AND** verified performance
 - Fewer callbacks; happier customers; more referrals; greater profitability
 - Consumers – Even lower bills; even greater comfort; peace of mind
- Plus, the power of the government-backed, trusted ENERGY STAR label





 **Reliable Heating & Air** @ReliableAir · 5m
@Wendys reading ur hilarious tweets made this digital marketing team go get a Daves single!! Forgot how good they r! pic.twitter.com/PhilxIWPGY
– at Reliable Heating and Air



Learn more at:
energystar.gov/esvi

Email us at:
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