



ENERGY STAR: What's New

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Quick Updates



- Planned updates and new product categories
- ENERGY STAR Most Efficient 2014 criteria
- Product finder enhanced functionality
- My ENERGY STAR (web enhancements)
- Portfolio Manager upgrade
- Multifamily high rise new construction
- HVAC Verified Installation

Specifications under revision



- Refrigerator/freezers*
- Clothes washers
- Dishwashers
- Room a/c*
- Water coolers
- Imaging
- Computers
- Set top boxes
- Battery chargers
- Telephony
- Displays
- Boilers
- Residential water heaters
- Vent fans
- Central a/c
- Windows
- Roofs
- Comm'l ovens
- Comm'l refrigeration

* Connected functionality being explored for product category

New specifications in development



- Clothes dryers*
- Large network equipment
- Lab grade refrigerators

Stay informed via www.energystar.gov/productdevelopment

* Connected functionality being explored for product category

ENERGY STAR Most Efficient 2014



- ENERGY STAR Most Efficient 2014
 - Is an extension of the trusted ENERGY STAR brand
 - Represents the “best of the best” in energy efficient products for a given year
 - Goal: to drive more energy efficient products in the market more quickly
 - Audience: environmentally conscious, early adopters

ENERGY STAR Most Efficient 2014

Eligible Product categories/est. savings



Boiler: 19% energy savings	*Television: 50% energy savings	Clothes Washer: 45% energy and 56% water savings
Furnace: 20% energy savings	Monitor: 30% energy savings	Refrigerator –Freezer: 30% energy savings
*Central Air Conditioning: 25-50% energy savings	Geothermal Heat Pump: 30-60% energy savings	Vent fan: 50% energy savings
Air Source Heat Pump: 25-50% energy savings	Windows: varies by climate, construction and number replaced	

HVAC equipment other than boilers also has communications, system status and automated configuration requirements

Visit www.energystar.gov/moste efficient for detailed criteria

•Criteria revised since ENERGY Most Efficient 2013
Savings for appliances and HVAC are compared to the federal standard

ENERGY STAR Product Finder



- One portal where stakeholders access all certified product datasets
- Enhanced product search
 - Advanced search capability for partner/program administration purposes
 - Updated and more comprehensive consumer-oriented tool for finding ENERGY STAR products
- Enhanced dataset access

ENERGY STAR Product Finder: Consumer Search Tool



Provides easy access to key features and performance of efficient products

Home » Products » Product Finder Home » ENERGY STAR Certified Residential Clothes Washers

ENERGY STAR Certified Residential Clothes Washers

Compare up to 4 items

Want more information? Access the full product list in [Excel](#), [API](#), and other formats. [Switch to Advanced View »](#)

Search:

Sort by: [Modified Energy Factor \(MEF\)](#)

1 - 20 of 480 Records Found

BRADA - BRW200BW Top Load Modified Energy Factor (MEF): 2.0 Water Factor (WF): 6.0	Volume (cu. ft.): 3.16 Annual Energy Use (kWh/yr): 200 Annual Water Use (gallons/yr): 7432.32	<input type="checkbox"/> Compare
BRADA - BRW200BW Top Load Modified Energy Factor (MEF): 2.0 Water Factor (WF): 6.0	Volume (cu. ft.): 3.16 Annual Energy Use (kWh/yr): 200 Annual Water Use (gallons/yr): 7432.32	<input type="checkbox"/> Compare
Daewoo - DWF-262AXAP Top Load Modified Energy Factor (MEF): 2.0 Water Factor (WF): 5.6	Volume (cu. ft.): 3.35 Annual Energy Use (kWh/yr): 284 Annual Water Use (gallons/yr): 7353.92	<input type="checkbox"/> Compare
Daewoo - DWF-260AXAP Top Load Modified Energy Factor (MEF): 2.0 Water Factor (WF): 5.5	Volume (cu. ft.): 3.32 Annual Energy Use (kWh/yr): 275 Annual Water Use (gallons/yr): 7157.92	<input type="checkbox"/> Compare

Load Configuration

- Front Load (277)
- Top Load (203)
- Do not filter

Brand Name

- Amana (5)
- Ariston (3)
- Asko (6)
- Blomberg (4)
- Bosch (4)
- BRADA (2)
- Crosley (4)
- [Show More](#)

Volume (cu. ft.)

- 0 and 2.5 (25)
- 2.5 and 4 (300)
- Greater than 4 (155)

Compare Products

Filter by Key Features

Link to Full Dataset

Sort function

New search functionality for finding specific models

ENERGY STAR Product Finder: Datasets – Export Options, API



The screenshot shows the Energy Star Product Finder interface. At the top, there's a header with the Energy Star logo and 'U.S. ENVIRONMENTAL PROTECTION AGENCY'. Below that, a navigation bar includes 'ABOUT ENERGY STAR' and 'PRODUCT FINDER HOME'. A search bar prompts users to 'Find and compare the energy efficiency of these products'. The main content area displays a table of 'ENERGY STAR Certified Residential Clothes Washers'. The table has columns for 'Brand Name', 'Model Number', 'Additional Model Information', and 'Load Configuration'. A tooltip is visible over the 'Brand Name' column, defining it as 'An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.' An 'Export' menu is open on the right side of the table, showing options for 'API', 'Print', and 'Download'. The 'Download' section lists various file formats: CSV, JSON, PDF, RDF, RSS, XLS, XLSX, and XML. A 'Done' button is at the bottom of the export menu.

	Brand Name	Model Number	Additional Model Information	Load Configuration
1	LG	WM9000H**		Front Load
2	Brand Name	ESA*GS**		Front Load
3		STA*GS**		Front Load
4		8A073**		Front Load
5	Plan Text	38218		Front Load
6	Kenmore	41578218		Front Load
7	LG	WM2150H**		Front Load
8	LG	WM3550H***		Front Load
9	Frigidaire	FFFS4174**		Front Load
10	Frigidaire	FFFW3921**		Front Load
11	Samsung	WF405A*PA**		Front Load
12	Electrolux	EFLS60**		Front Load
13	Samsung	WF433B*GJ**		Front Load
14	Samsung	WF435A*GJ**		Front Load
15	Samsung	WF511***		Front Load
16	Whirlpool	WFW88HEA**		Front Load
17	Kenmore	41578218		Front Load

Definitions of Attributes

API Allows Automated Access to Datasets

Export Options include CSV, JSON, PDF, Excel, etc.

ENERGY STAR Product Finder: Direct Access to All Datasets



data.energystar.gov

ABOUT ENERGY STAR PRODUCT FINDER HOME Sign Up Sign In Help

Alphabetical

Search

Clear All Options

View Types
(All)
Datasets
Charts
Maps
Calendars
Filtered Views
External Datasets
Files and Documents
Forms
APIs

Categories
Government

Topics
dishwashers appliances certified products residential display lcd led

Name	Popularity	Type
1. ENERGY STAR Certified Audio Video Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0	193 views	
2. ENERGY STAR Certified Boilers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.1	1,274 views	
3. ENERGY STAR Certified Ceiling Fans Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0	549 views	
4. ENERGY STAR Certified Commercial Clothes Washers Government Certified models meet all ENERGY STAR requirements as listed in the Version 6.1	183 views	
5. ENERGY STAR Certified Commercial Dishwashers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0	309 views	
6. ENERGY STAR Certified Commercial Fryers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0	248 views	
7. ENERGY STAR Certified Commercial Griddles Government Certified models meet all ENERGY STAR requirements as listed in the Version 1.1	127 views	
8. ENERGY STAR Certified Commercial Hot Food Holding Cabinet Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0	174 views	
9. ENERGY STAR Certified Commercial Ice Machines Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0	305 views	
10. ENERGY STAR Certified Commercial Ovens Government Certified models meet all ENERGY STAR requirements as listed in the Version 1.1	76 views	

1 2 3 4 5

Showing 10 of 42

My ENERGY STAR

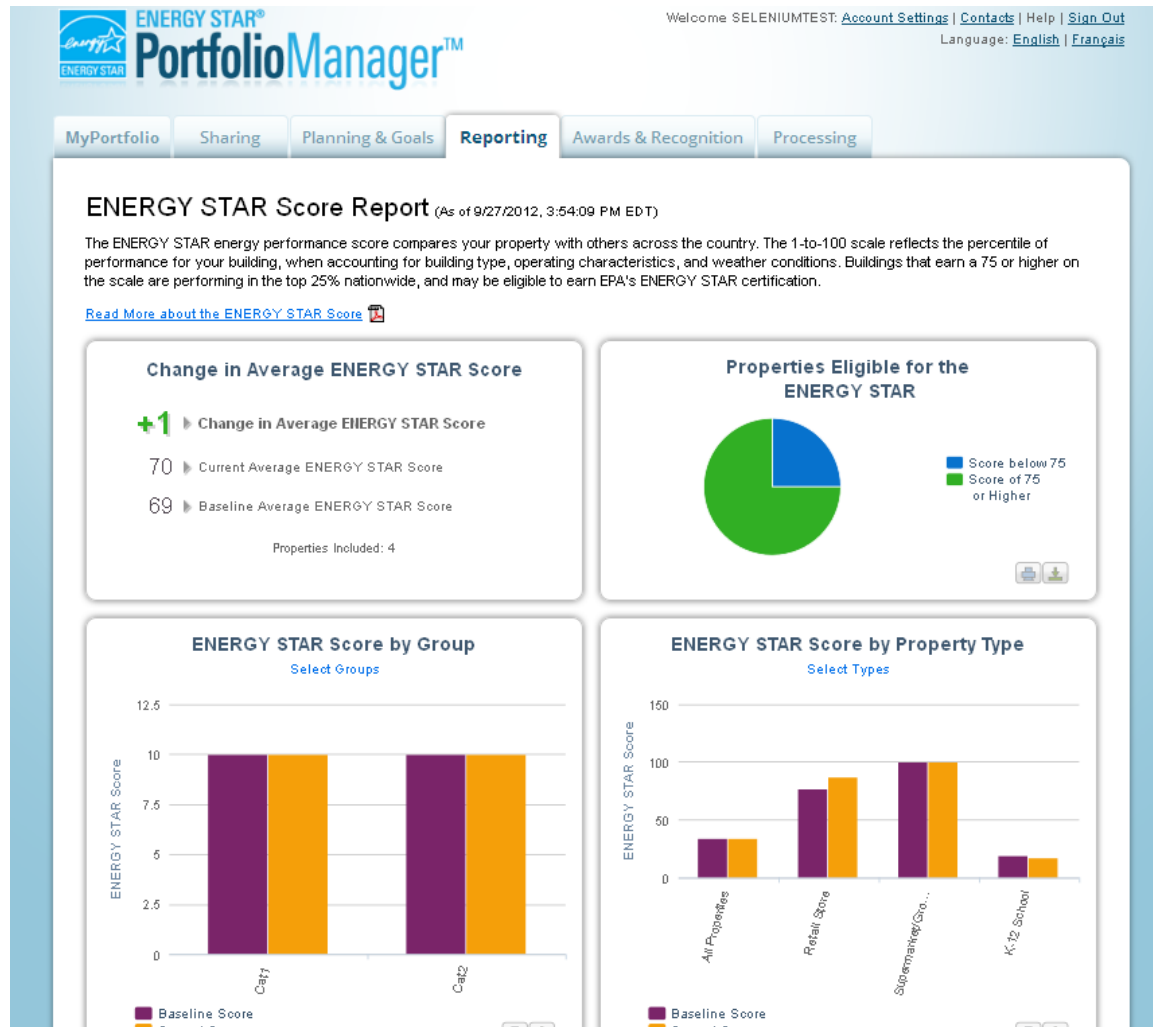


- New customer engagement platform to facilitate behavior change—products, projects, tips, and more
- Offerings to assist consumers wherever they are in their energy-saving continuum—small to comprehensive commitments/solutions
- Filters for easy navigation of actions/tips
- Tracks commitment and completed action
 - Integrates the ENERGY STAR Pledge; new commitments added to “to do” list
- Provides feedback – how am I doing?
 - Energy & dollars saved, pollution prevented
 - Recognition of progress via stars
 - Automatically shares incentives available through our rebate finder



**Beta launch
January 2014;
Consumer launch
Earth Day 2014**

- New enhanced tool launched July 2013!
- Completely new look and feel
- New features throughout
 - Navigate with ease
 - Create new reports
 - Connect to other users



Portfolio Manager: Enhanced Reporting



MyPortfolio | Sharing | Planning | **Reporting** | Recognition

Charts & Graphs

Source EUI
What is the total energy footprint of my properties, including raw fuel associated with generation and transmission?

ENERGY STAR Performance Documents

- Statement of Energy Performance (SEP)
- Statement of Energy Design Intent (SEDI)
- Data Verification Checklist
- Progress & Goals Report
- ENERGY STAR Score Card

Templates & Reports (8)

Create a New Template

Name	Status	Action
Water Performance	No Report Generated	I want to...
Sustainable Buildings Checklist Report	No Report Generated	I want to...
Performance Highlights	No Report Generated	I want to...
Partner of the Year Report	No Report Generated	I want to...
Fuel Performance	No Report Generated	I want to...
ENERGY STAR Certification Status	No Report Generated	I want to...
Energy Performance	No Report Generated	I want to...
Emissions Performance	No Report Generated	I want to...

Choose from Pre-set Chart & Graph options

Download Performance Documents






Create and generate Templates & Reports



Portfolio Manager: Leveraging by State and Local Energy Efficiency Programs



Learn more:
energystar.gov/portfoliomanager

-  Local Benchmarking Policy
-  Local Voluntary Program
-  Local Benchmarking Policy and Voluntary Program
-  State Benchmarking Policy
-  State Voluntary Program

ENERGY STAR Multifamily High Rise



- Designed to be at least 15% more efficient than ASHRAE 90.1-2007
- Energy Conservation Measures are tested and verified
- Performance benchmarked post construction
- Eligibility: New or substantially rehabilitated multifamily building intended for residential use (>50% of occupied building sqf.)
 - 4 or 5 stories (central systems)
 - 6 or more stories

Over 4600 units (51 buildings) certified; 19,000 units (247 buildings) across 13 states currently pursuing



ENERGY STAR Multifamily High Rise (continued)



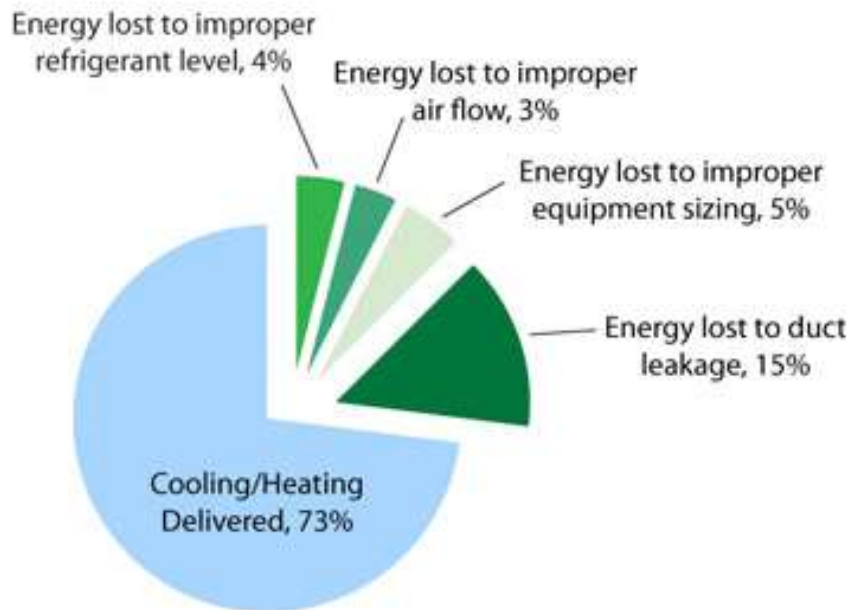
- Building prerequisites
 - Effective insulation
 - Properly sized equipment
 - Tight construction and ducts
 - High efficiency lighting
 - High efficiency appliances
 - High performance windows
 - Testing and verification
- Prescriptive and performance paths
- Commit to benchmarking with Portfolio Manager for 2 yrs.
 - www.energystar.gov/mfhr



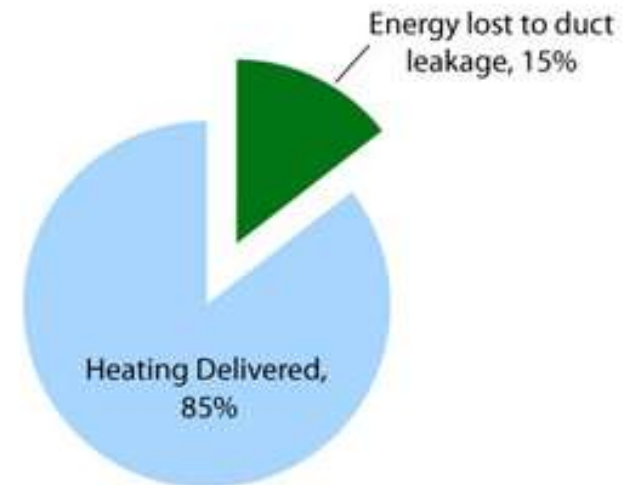
ENERGY STAR Verified HVAC Installation: Why it's important



Typical Air Conditioner or Heat Pump Installation



Typical Furnace Installation



Quality installation helps deliver the equipment's full potential

ENERGY STAR Verified HVAC Installation: Overview



- A national approach to overcoming market barriers that limit proper installation of HVAC equipment
- Helps homeowners identify contractors who properly install systems and receive certification of QI post installation
- Technical requirements
 - Correctly sized and matched equipment based on load calculations
 - Connected, well-sealed duct system (maximum leakage 20% or 50% reduction in leakage)
 - Proper refrigerant charge
 - Sufficient airflow in the system
- Market based delivery that lowers QA burden on utilities through use of independent verification infrastructure; builds on network established via ENERGY STAR Certified Homes Program (HVAC Quality Installation Training and Oversight Organizations, Raters)



ENERGY STAR Verified HVAC: Strategies to Overcome Barriers

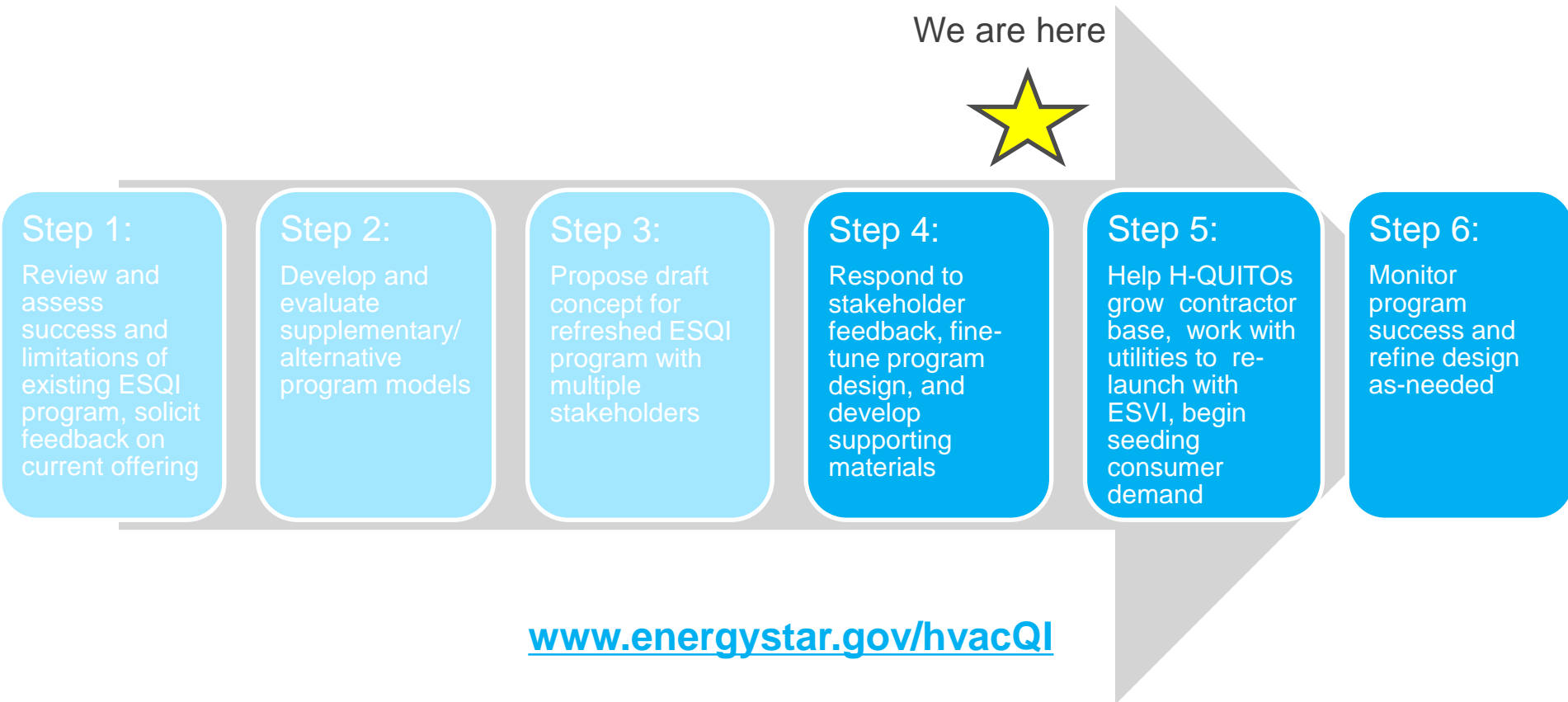


Market Actor	Barrier	Strategy
Consumer	<ul style="list-style-type: none"> -Lack of definition -Lack of awareness/understanding -Contractor mistrust 	<ul style="list-style-type: none"> -Define & certify QI -Education/outreach -National third-party accreditation
Contractor	<ul style="list-style-type: none"> -Lack of demand -Lack of expertise -Lack of a differentiator 	<ul style="list-style-type: none"> -Education/outreach -Training -Third-party accreditation
Verification	<ul style="list-style-type: none"> -Driven by individual program -Not nationally available 	<ul style="list-style-type: none"> -Develop national network of third-party accreditors & verifiers
Utility	<ul style="list-style-type: none"> -Cost effectiveness -Lack of expertise or willingness to get into verification business 	<ul style="list-style-type: none"> (e.g., ACCA and Advanced Energy)

Progress and Development Timeline



We are here



Your comments are welcomed... Now is that time!

Soft launch: **First Quarter, 2014**



QUESTIONS?