

United States



# ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

## Qualified Product Information Form for Residential Ventilating Fans Office of Atmospheric Programs

### ENERGY STAR Product Information Form for Use by ENERGY STAR Qualified Residential Ventilating Fan Partners (Companies who have joined ENERGY STAR for Residential Ventilating Fans by signing the Partnership Agreement)

You may use this form to report only those products that are sold under your company's brand name. If your firm sells its models to another company that uses its own brand name, that company must join the program and report its own products. Information from this form will be added to the list of ENERGY STAR qualified residential ventilating fan products.

#### Company Name:

(As listed in Partnership Agreement)

#### Product Contact Information

(For public requesting product information)

#### Product Category (please check one)

- ☐ Range Hood
- ☐ Bathroom/Utility Room Fan
- ☐ In-line (single port)
- ☐ In-line (multi-port)

Name:

Tel:

Fax:

E-mail:

### I. Qualifying Product Information

Brand	Model Name	Model Number	Number of Speeds	Warranty (yrs)	Date Product Available

### II. Product Performance: Range Hoods

Configuration <sup>1</sup>	Airflow (cfm) <sup>2</sup>	Motor Wattage (W) <sup>3</sup>	Efficacy (cfm/W)	Sound level (sones) <sup>4</sup>	Airflow Certified Rating (cfm) <sup>5</sup>
Horizontal					
Vertical					
Other:					

<sup>1</sup> Record product performance data for each configuration at which the product was tested (i.e., vertical, horizontal, and/or other).

**Product Performance: Bathroom and Utility Room Fans, and In-line Ventilating Fans<sup>6</sup>**

Airflow (cfm) <sup>2</sup>	Motor Wattage (W) <sup>3</sup>	Efficacy (cfm/W)	Sound level (sones) <sup>4</sup>	Airflow Certified Rating (cfm) <sup>5</sup>

<sup>2</sup> Rounded down to the nearest whole cfm.

<sup>3</sup> Report using three significant digits when wattage is greater than 10 watts, (e.g., 51.6 Watts, 516 Watts), or two significant digits when wattage is less than 10 watts (e.g., 5.2 Watts).

<sup>4</sup> Sound level measurements not required for single and multi-port in-line fans.

<sup>5</sup> If same as airflow cfm used to calculate efficiency, please report, "same;" otherwise, report alternative certified rating.

<sup>6</sup> If the product has more than one speed, record product performance data for each speed, using one row per speed (sound level data is not required for in-line ventilating fans).

**Note:** Ducted bathroom and utility room fans tested at 0.1 w.g. static pressure. Single and multi-port in-line fans tested at 0.2 w.g. static pressure. Non-ducted products tested at 0.3 w.g. static pressure. Range Hoods tested at Working Speed as defined in HVI 916.

**Ducted Bathroom and Utility Room Fans Only:**

Airflow at 0.25 w.g. static pressure:                  cfm                  % of rated airflow at 0.1 w.g.

**III. Testing**

Testing must be performed by an independent 3<sup>rd</sup> party laboratory. From January 1, 2010, any laboratory testing fans under this specification must also be accredited as per the ENERGY STAR Program Requirements for Residential Ventilating Fans laboratory accreditation requirements.

Tested by: (Name of independent 3<sup>rd</sup> party laboratory)

Date tested:

**IV. Certification**

To participate in the ENERGY STAR program, each residential ventilating fan model must be certified by the Home Ventilating Institute (HVI), Air Movement and Control Association (AMCA), or another such organization as approved by EPA. Certification includes both initial qualification testing, as well as ongoing verification testing.

Is the product in the HVI directory (check one)? ☐ Yes ☐ No

If so, under what name?

Is the product in the AMCA directory (check one)? ☐ Yes ☐ No

If so, under what name?

Is the product in the directory of any additional certification organization (check one)? ☐ Yes ☐ No

If so, which organization, and under what name?

ENERGY STAR, US EPA, 1200 Pennsylvania Ave., MC 6202J, Washington, DC 20460 USA  
Toll-free number 1-888-STAR-YES, Web site <http://www.energystar.gov>

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## V. Lighting Requirements

**All light sources:** please complete the fields provided below (as applicable).

**Fluorescent light sources:** Please complete fields and provide data in Table 1 below.

**LED Light Engine light sources:** Please complete fields and provide data in Table 2 below.

Date Tested:

Total Number of Lamps Used:

Maximum Total Listed Lamp Wattage:           watts

Maximum Total Night Light Wattage:           watts

Table 1. Performance and Reporting Requirements for Fluorescent Sources	
Ballast type (check one)	<input type="checkbox"/> Electronic <input type="checkbox"/> Magnetic
Ballast Manufacturer Name	
Ballast Model Number	
Lamp Manufacturer Name	
Lamp Model Number	
System Efficacy per Lamp Ballast Combination	Lumens
	Input Watts
	Lumens/Watt
Lamp Start Time	milliseconds
Lamp Life	hours
Color Rendering Index	CRI
Correlated Color Temperature	Kelvin
Noise	dBA
Does lamp ship with the unit (circle one)?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Table 2. Performance and Reporting Requirements for LED Light Engine Sources		
LED Light Engine Manufacturer Name		No documentation required at time of submittal.
LED Light Engine Model Number		

System Efficacy per Lamp Ballast Combination	Lumens	<p>A test report from a laboratory:</p> <ul style="list-style-type: none"> <li>trained by a representative of the Lighting Research Center (RPI) on behalf of the Alliance for Solid-State Illumination Systems and Technologies (ASSIST); or</li> <li>qualified to participate in the Department of Energy's CALiPER program.</li> </ul>
	Input Watts	
	Lumens/Watt	
Color Rendering Index	CRI	
Correlated Color Temperature	Kelvin	
Maximum Measured Driver/Driver Case Temperature (during <i>in situ</i> operation)	degrees Celsius	Laboratory Test Report.
Lumen Maintenance	hours to 70% of initial lumens	<ul style="list-style-type: none"> <li>Lumen maintenance and color stability data declared by LED package manufacturer, in accordance with ASSIST Sample Data Sheet for High-Power LEDs (Issue 4); or</li> <li>LED package datasheets conforming to IESNA LM-80 protocols, once the metric is available.</li> </ul>
Color Stability	<input type="checkbox"/> meets requirements	
Power Factor		<p>Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer.</p>
Output Operating Frequency	Hz	
Noise	dBA	No documentation required at time of submittal.
Transient Protection	<input type="checkbox"/> meets requirements	<p>Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer.</p>
Electromagnetic and Radio Frequency Interference	<input type="checkbox"/> meets requirements	<p>No documentation required at time of submittal.</p>
Does lamp ship with the unit (circle one)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

## V. Labeling Requirements

By checking the boxes below, you are confirming that you have reviewed and will meet the labeling requirements outlined in the ENERGY STAR Program Requirements for Residential Ventilating Fans once this model has been approved by EPA for qualification. These requirements include:

- |   |   |
|---|---|
| <input type="checkbox"/> On front of product (required)     | <input type="checkbox"/> In product literature (required) |
| <input type="checkbox"/> On product packaging (recommended) | <input type="checkbox"/> On Internet site (required)      |

If answer to any of the above is no, explain why:

## VI. Additional Information

Please list all major retailers that carry the product (attach a list if necessary):

Please check one or more of the following international markets where these products are sold (if applicable):

- |  |                                 |
|--|---------------------------------|
| <input type="checkbox"/> Australia/New Zealand | <input type="checkbox"/> Japan  |
| <input type="checkbox"/> Canada                | <input type="checkbox"/> Mexico |
| <input type="checkbox"/> EU                    | <input type="checkbox"/> Taiwan |

## VII. Declaration:

☐ By checking this box, I declare that the information submitted via this form is, to the best of my knowledge, accurate and associated with the products included for qualification in this submittal. I understand that the ENERGY STAR Program will associate all data in this submittal with the products listed in this submittal upon receipt. I understand that if any of the submitted information is found to be inaccurate, the products will be removed from the ENERGY STAR qualified products list. I understand that intentionally submitting false information to the U.S. government is a criminal violation of the False Statements Act, Title 18 U.S.C. section 1001.

Date:

### Instructions for Submittal:

Please submit your completed QPI Form to ENERGY STAR for Ventilating Fans:

**Email:** [VentilatingFans@energystar.gov](mailto:VentilatingFans@energystar.gov)

**Fax:** (202) 862-1144

**Mail/Overnight:** 1725 Eye St., NW, Suite 1000, Washington, DC 20006

**EPA uses this data for internal evaluation purposes - to determine ENERGY STAR qualification. Should data other than that which is destined for the ENERGY STAR qualified product list be made public, it will be done so as aggregated data. If you have concerns regarding providing your data via this form, please email [join@energystar.gov](mailto:join@energystar.gov).**

The public reporting and recordkeeping burden for this collection of information is estimated to average 4.85 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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Toll-free number 1-888-STAR-YES, Web site <http://www.energystar.gov>

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