

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 verification of product information)

Name: \_\_\_\_\_

Tel: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

<p><b>Product Type (check one):</b></p> <p><input type="checkbox"/> Range Hood</p> <p><input type="checkbox"/> Bathroom/Utility Room Fan</p> <p><input type="checkbox"/> In-line (single-port)</p> <p><input type="checkbox"/> In-line (multi-port)</p>
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**I. Qualifying Product Information**

Brand	Model Name	Model Number	Number of Speeds <sup>1</sup>	Warranty (yrs)	Date Product Available

<sup>1</sup> Applies only to bathroom and utility room fans, and in-line ventilating fans, with more than one speed.

**II. Product Performance: Range Hoods**

Configuration <sup>2</sup>	Airflow (cfm) <sup>3</sup>	Motor Wattage (W) <sup>4</sup>	Efficacy (cfm/W)	Sound level (sones) <sup>5</sup>	Airflow Certified Rating (cfm) <sup>6</sup>
Horizontal					
Vertical					
Other: _____					

<sup>2</sup> Record product performance data for each configuration at which the product was tested (i.e., vertical, horizontal, and/or other).

Please submit your completed QPI Form to ENERGY STAR for Ventilating Fans  
Email: [ventilatingfans@icfi.com](mailto:ventilatingfans@icfi.com), Fax: (202) 862-1144  
1725 Eye St., NW, Suite 1000, Washington, DC 20006

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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**Product Performance: Bathroom and Utility Room Fans, and In-line Ventilating Fans<sup>7</sup>**

Airflow (cfm) <sup>3</sup>	Motor Wattage (W) <sup>4</sup>	Efficacy (cfm/W)	Sound level (sones) <sup>5</sup>	Airflow Certified Rating (cfm) <sup>6</sup>

<sup>3</sup> Rounded down to the nearest whole Watt.

<sup>4</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>5</sup> Sound level measurements not required for single and multi-port in-line fans.

<sup>6</sup> If same as airflow cfm used to calculate efficiency, please report, "same;" otherwise, report alternative certified rating.

<sup>7</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 Supplement – Range Hood Working Speed."

**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 (circle one)? Yes No

If so, under what name? \_\_\_\_\_

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

If so, under what name? \_\_\_\_\_

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

If so, which organization, and under what name? \_\_\_\_\_

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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

<b>Table 1. Performance and Reporting Requirements for Fluorescent Sources</b>	
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)?	Yes      No

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

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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	_____ 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	_____ 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	_____ meets requirements	No documentation required at time of submittal.
Does lamp ship with the unit (circle one)?	Yes      No	

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**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. 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:

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**VI. Additional Information**

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

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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 |

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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