



United States  
**ENVIRONMENTAL PROTECTION AGENCY**  
Washington, D.C. 20460

ENERGY STAR Geothermal Heat Pump Partner  
Unit Shipment Data  
Office of Atmospheric Programs

NAME OF MANUFACTURER: \_\_\_\_\_

DATE OF SUBMISSION: \_\_\_\_\_

SUBMITTED BY (NAME): \_\_\_\_\_

PLEASE LIST ANY UNAFFILIATED  
PRIVATE LABELERS THAT REBRAND  
YOUR PRODUCTS: \_\_\_\_\_

**Below, only report shipments to consumers or retailers. Do not include business to business shipments (shipments to unaffiliated private labelers). If you ONLY ship to private labelers, indicate zero shipments and list private labelers selling in the U.S. marketplace on the line above.**

Reporting Period: CALENDAR YEAR 2008 (JAN. TO DEC.)

Geothermal Heat Pump Product Type	ENERGY STAR® U.S. Unit Shipments to Consumers or Retailers (REQUIRED)	Total U.S. Unit Shipments to Consumers or Retailers (ENERGY STAR + Non-ENERGY STAR) (REQUESTED)
Open Loop Systems <sup>1</sup>		
Closed Loop Systems <sup>2</sup>		
Direct Expansion Systems <sup>3</sup>		
<b>Total</b>	<b>0</b>	<b>0</b>

Submission Deadline: February 27, 2009

Deadline to Avoid Partnership Termination: March 31, 2009

Please submit by mail, email, or fax to:

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## DEFINITIONS

<sup>1</sup>Open loop systems are ground heat exchangers in which the heat transfer fluid is part of a larger environment. The most common open loop systems use ground water or surface water as the heat transfer medium.

<sup>2</sup>Closed loop systems are ground heat exchangers in which the heat transfer fluid is permanently contained in a closed system.

<sup>3</sup>Direct expansion systems are geothermal heat pump systems in which the refrigerant is circulated in pipes buried in the ground, rather than using a heat transfer fluid, such as water or antifreeze solution in a separate closed loop, and fluid to refrigerant heat exchanger. For the purposes of the ENERGY STAR geothermal heat pump specification, a DX system includes all of the equipment both inside and outside the house. DX systems may be single or multi-speed.

EPA plans to use the data only for program evaluations. EPA will release this information only as aggregated data and only to the extent required by law.

The public reporting and recordkeeping burden for this collection of information is estimated to average 6.69 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.