



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):** \_\_\_\_\_

**Reporting Period: CALENDAR YEAR 2007 (JAN. TO DEC.)**

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

**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.

**Submission Deadline: March 31, 2008**

**Please submit by mail, email, or fax to:**

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