

Innovative Technology



AirGenerate™ has formulated the breakthrough concept of “air-energy” and has developed a cost-effective method to convert it to heat using heat pump technology. The company’s first product, AirTap™ is the **most energy efficient water heater** in USA as certified by GAMA under Department of Energy guidelines.

AirTap™ uses a patent-pending technology that utilizes refrigeration physics effectively to heat water. AirTap™ converts “air energy” to heat and plugs directly into any 30-80 gallon water tank. This technology results in **250%** improved efficiency and **60%** energy savings.

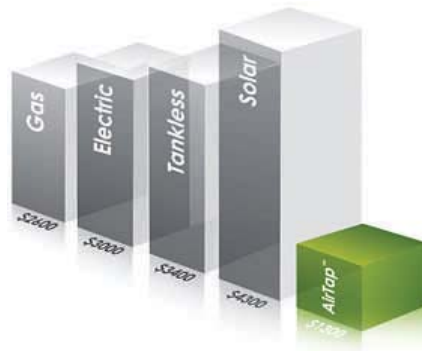
In addition to these benefits, AirTap™ releases cool air which can be ducted using AirVent™ into a household or outside and also acts as a dehumidifier.

The Department of Energy (DOE) considers heat pump water heaters to be the most functional and cost effective water heaters. AirGenerate™ has solved technical and manufacturing hurdles related to supplying low-cost, efficient, and quality heat pumps making AirTap™ the most

Key Features:

- **Proprietary Technology:** Patent-pending technology using heat pumps
- **Low Cost:** Device priced at \$399 without a tank
- **Tax Break:** Eligible for IRS tax credit of \$300
- **Energy Efficiency:** Saves up to 60% or \$300 in energy bills per year
- **Plug-in feature:** Connects to existing electric or gas water heaters using regular 110V electric outlet
- **Do It Yourself Option:** Eliminates the need for plumbers for installation
- **Low Manufacturing Cost:** Smart design and efficient sourcing
- **Multiple Industry Certifications:** NTS, GAMA, CSA (in-progress)

Competitive Superiority



- AirTap™ unit costs 1/8th of a **solar heater** and is simpler to install and operate.
- AirTap™ unit costs 1/4th of a **tankless water heater** and offers increased capacity and a superior flow rate.
- AirTap™ unit costs 1/3rd of other **heat pump water heaters**, is readily available in the market, occupies half the space, and weighs 1/4th of other heat pump water heaters, and is convenient to install and maintain.

Impressive Savings

On average, Americans spend 20% of their energy consumption or \$400 on heating water. Approximately **126 million** American homes use a water-heating device. Assuming a 30% market penetration, AirTap™ can save **75 billion kWh** of energy per year or 114 billion lbs of Carbon dioxide per year. This would save the American people over **\$8 Billion** every year.

Global savings using AirTap™ for residential, commercial, and industrial purposes will be exponentially higher.

“Heat Pump technology, when applied to the water heating industry, provides the highest energy efficient water heaters in the country.”

-Solar Energy International