

# A Natural Flow of Energy.

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

- SEI, Solar Energy International

On average, homeowners spend roughly 20% of their utility bills on heating water alone. The AirTap™ was designed to reduce these expenses and create a more efficient household that requires less energy consumption. Once connected to a homeowner's existing water heater (whether it is gas, electric, or propane), the AirTap™ uses a compressor to draw in heat from the surrounding air, and then sends this heat via long copper tubes into an adaptor where it is dispersed directly into the water tank. These extremely hot tubes coil throughout the water tank, where heating occurs at the very base of the tank.



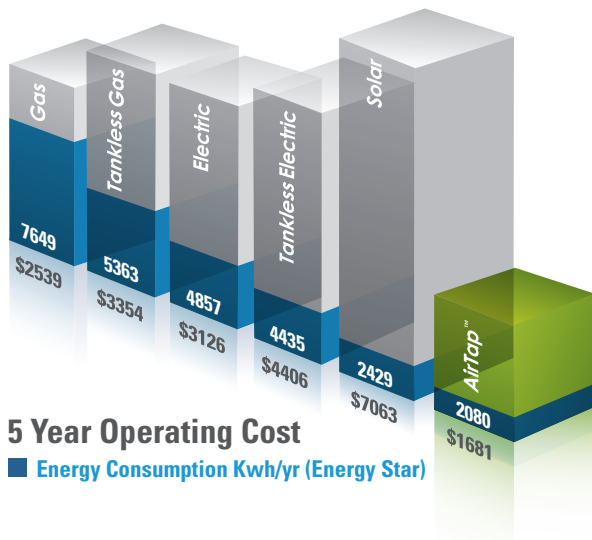
**Reach a 5 Star Home Energy Rating Certificate without having to pay thousands to achieve it.**

Most home builders have to struggle to reach a 5 star Home Energy Rating, spending a significant portion of their revenue on higher seer HVACs and other expensive installation materials. By including AirTap™ in your development, you can greatly reduce this expenditure, and reach a higher Home Energy Rating with ease.

Having a Home Energy Rating propels your developments to an entirely higher level compared to non-Energy Star buildings. This distinguished Certificate can add significant value to your property, and increase occupancy rates by a wide margin. In addition, Airtap™ can assist you in meeting the guidelines for the LEED and California Title 24 Energy Code.

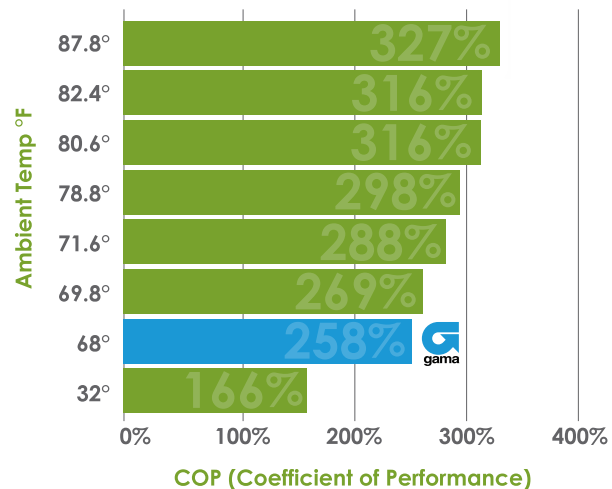
## Operating Costs and Energy Consumption of Various Water Heating Systems

The table below compares the total (initial + operating) 5 year cost of various water heating systems. It also shows the energy consumption of each unit per year in Kwh. As shown, the AirTap™ yields the lowest total cost.



## Energy Efficiency of AirTap™

The table below shows the efficiency of AirTap™ under different temperatures. Note the high efficiency even at freezing temperatures.



“Energy efficiency is important to us. We decided very early that we wanted Energy Star certification for all our homes. AirTap™ was a critical piece of our strategy. It was very affordable, convenient to install, and highly efficient. If not for AirTap™, we would’ve had to spend thousands more on technologies like highest SEER HVACs or Solar Energy to get comparable energy savings. Thanks to AirTap™, our homes are achieving 5-star ratings.”

- Gary Alexander, Skyline Falls, Kingsport TN (Builder/ Developer)




For information on obtaining an AirTap™, contact:

**Sales**  
5726 Clarewood Drive, Houston, TX 77081 - U.S.A.  
**713.574.6729** or **sales@airgenerate.com**

**www.airgenerate.com**



### An Edge over Competitors

- Because AirTap™ is adaptable to any standard water heater (gas, electric or propane), you won't have to purchase high end water heaters and other equipment that promise more efficiency.
- Will extend the life expectancy of a standard water heater by reducing mineral buildup in the water heater.
- AirTap™ greatly reduces home energy costs, and is the only heat pump certified by  under the Department of Energy guidelines.
- Energy efficient homes qualify for higher mortgage amounts.
- Easy installation at rough and final.
- AirTap™ plugs into a typical 110V outlet and does not require an electric control panel change.

The AirTap™ can also be used to cool households by ducting the cool air that emits from the top of the unit while in use. This cool air can be ducted into the home by purchasing our duct kit, AirVent™ (sold separately) by connecting the duct from the AirTap™ to the AC line, or can be ducted to any room to cool that space. This will significantly reduce utility bills for your customers during those hot summers and add to your overall Home Energy Rating. Oppositely, in winter, this cool air can be ducted out from the home.

By including AirTap™ in your next development, you can guarantee your customers a more efficient home, clean up the environment by reducing overall energy consumption, and improve your Home Energy Rating all with one minimum investment.

### Efficiency Ratings for AirTap™:

Specifications: (Ambient Temp. 68°F)			
Max water temp:	135°F (10° F between open and close)		
Efficiency	258%		
Energy Factor	2.11 		
1st Hour Rating	43 Gallons 		
Output	7000 BTUs		
Dimensions	18" x 14" x 14" (height)		
Weight	48 lbs		
Electrical Specifications			
Volts	120	Phase	1
Amps	12 startup/6 operating	Frequency	60 Hz

### Warranty

Air Tap™ Products purchased in the U.S. come with a one year limited warranty on the entire Air Tap™ Product, a two year additional warranty to replace defective parts and a five year warranty for the compressor only, with owners responsible for all labor and freight costs. This limited warranty covers defects in materials and workmanship in Air Tap™ Products.