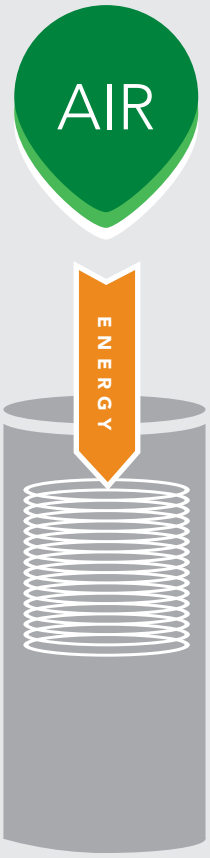
# PUMP UP THE SAVINGS

With an A. O. Smith Hybrid Electric Heat Pump Water Heater

## How A Hybrid Electric Works

HYBRID ELECTRIC WATER HEATERS USE ELECTRICITY TO MOVE HEAT FROM ONE PLACE TO ANOTHER. LIKE AIR CONDITIONERS IN REVERSE, HEAT IS PULLED INTO THE STORAGE TANK FROM THE SURROUNDING AIR. BACK-UP HEATING ELEMENTS ARE AVAILABLE FOR PERIODS OF HIGH DEMAND.




Storage Tank with
Back-Up Heating Elements

LEARN MORE AT HOTWATER.COM

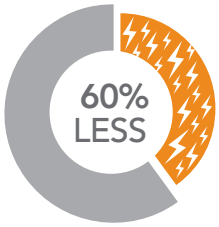
## How A Hybrid Electric Saves

Water heaters are the second highest source of energy usage in a home, and for the average homeowner energy means money.[1] Going with an energy-efficient water heater can help you save. Going hybrid could help you save more, because moving heat is far less expensive than creating heat.

**MORE**
Efficient
Annual Savings

**LESS**
Operating Costs
Energy Usage

**ENERGY USED**
Compared To Standard Electric Models[2]




COST SAVINGS COMPARED WITH STANDARD ELECTRIC MODELS[4]

An excellent, energy-efficient option for consumers who want to save money on their utility bills.

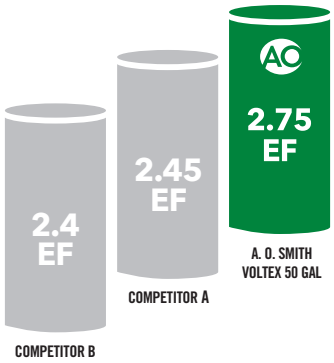
(1) *Energy.gov*
(2) *Consumer Reports*
(3) *GreenBuildingAdvisor.com*
(4) *Cost savings in heat pump mode*

## Why Choose an A. O. Smith Voltex® Electric Heat Pump Water Heater?

**ENERGY FACTOR (EF)** A measure of overall efficiency.

ENERGY DELIVERED → USEFUL ENERGY OUTPUT → EF RATIO

The **EF** is 2.0 to 2.5 for most heat pump water heaters, while a 100% efficient electric-resistance water heater would have an energy factor of just 1.0.[3]




**Quiet Operation**

**4 Operating Modes**

ENERGY STAR
**12% MORE EFFICIENT THAN OTHER ENERGY STAR® QUALIFIED HEAT PUMPS**

**AVERAGE ANNUAL COST**
For ENERGY STAR® Qualified Heat Pumps

| $192 Voltex 50 Gallon | $220 Competitor A | $215 Competitor B |
|---|---|---|

A O Smith
Innovation has a name.

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