



Advanced Heating & Hot Water Systems



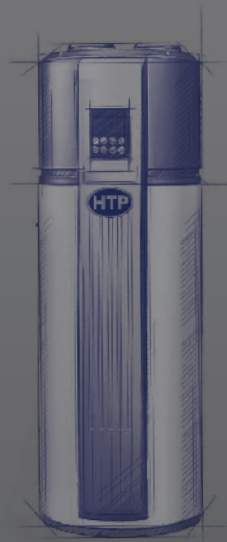
Super
Efficient

**Hybrid
Heat Pump
Water Heater**

Hybrid Heat Pump Water Heater

2.26 Energy Factor: EF (energy factor) is the over all efficiency rating of the water heater. The higher the EF the more efficient the model.

*Standard Electric Water Heater: 0.90 EF Versus
HTP Hybrid Heat Pump Water Heater: 2.26 EF*
HTP's Hybrid has an EF that's more than 2.5 times better Standard Electric. That's Real Energy savings!
HTP's Hybrid also exceeds energy star performance of 2.0



The Most Energy Efficient
50-Gallon Electric Water
Heater You Can Buy

Over Twice The
Efficiency of Standard
Electric Water Heaters

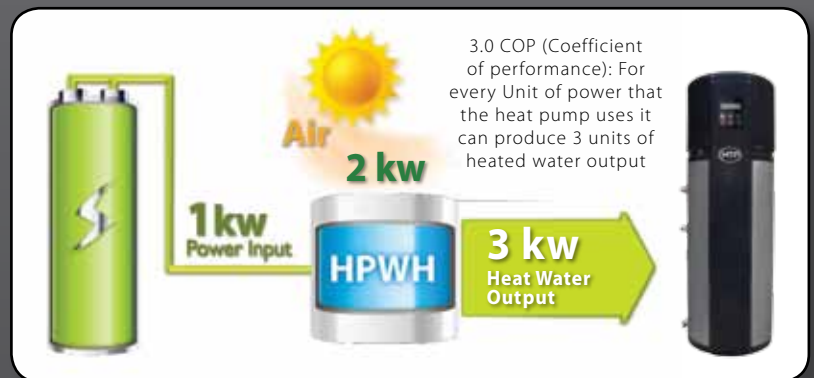
Fast Recovery

60 GPH First Hour Rating

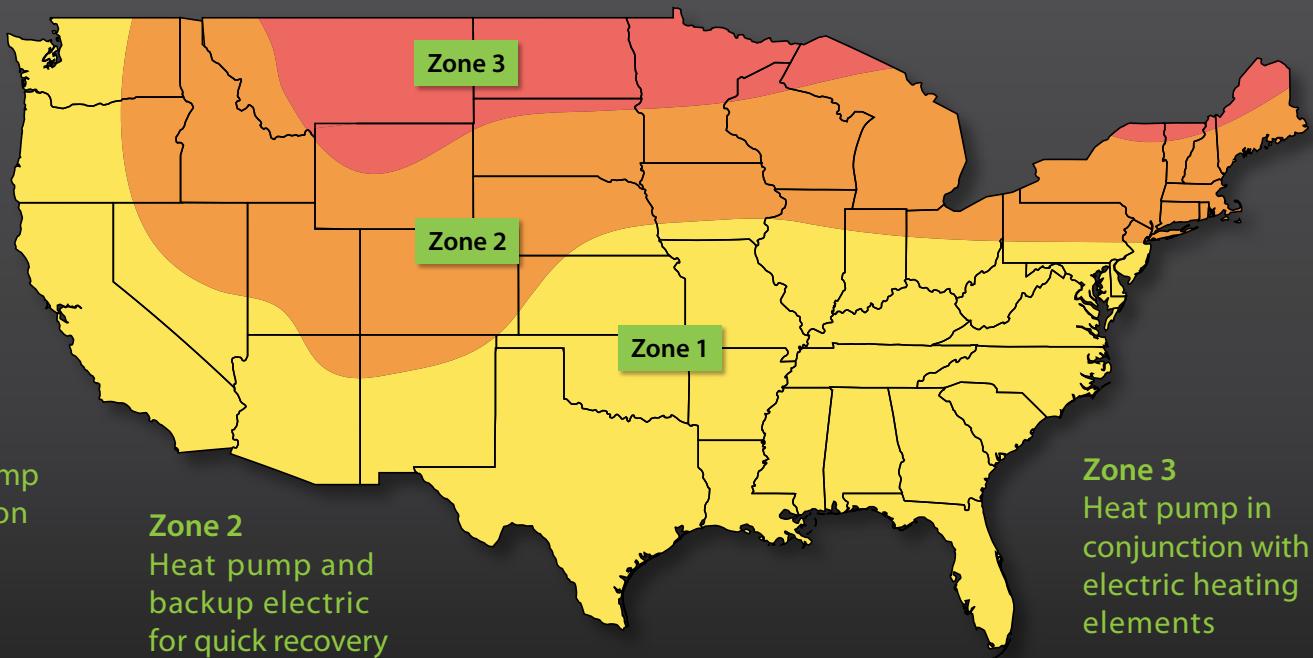
Easy Installation

Eco Friendly - Low NOx
& Low CO₂ Emissions

Electric Backup

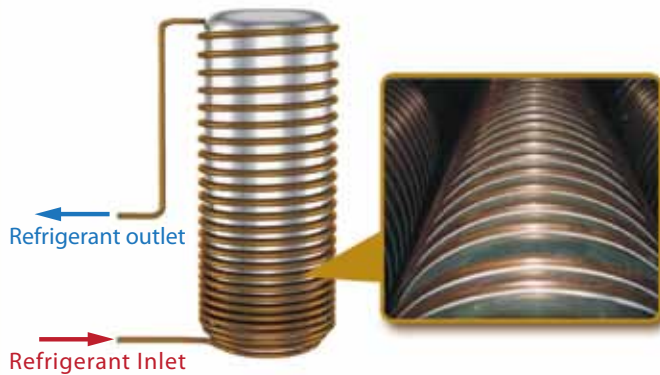


Save The Most Where Electricity Rates Are Highest
And Where The Weather Is The Warmest



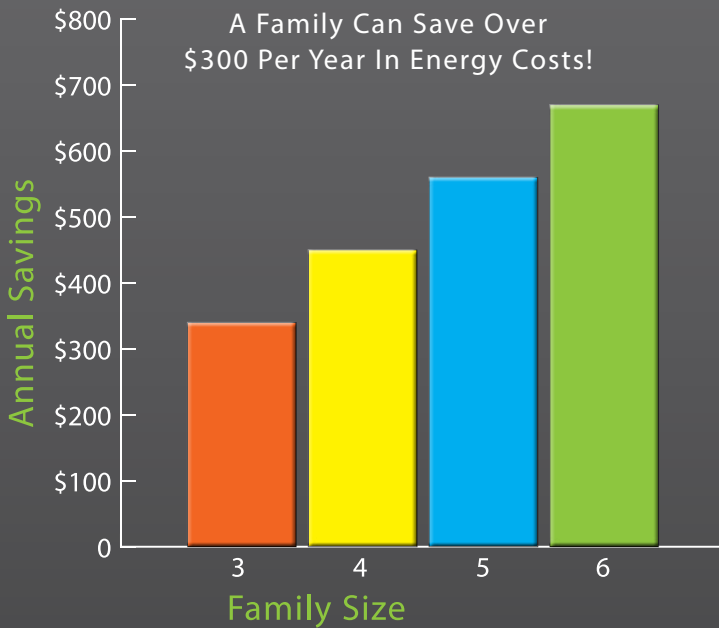
10 Year Warranty

Coil is wrapped outside the tank. No contamination potential.



Recycle Conditioned Exhaust Air to Dehumidify or Cool Your Home

The only Heat Pump on the market with up to 15 ft vent length



How does the heat pump work?

1. A variable speed fan brings in air
2. Heat in the air is absorbed by the refrigerant inside the evaporator coil
3. The warm refrigerant is pumped through a compressor, which raises the temperature even more
4. A condenser coil cradles the tank and transfers heat in to the tank
5. Hot water is produced super efficiently
6. Cooler and dehumidified air is a welcome by-product

Save Money on Cost of Operation

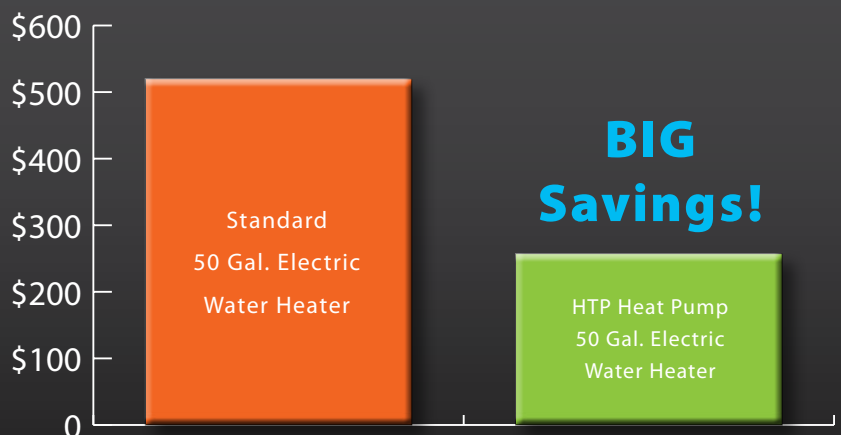
Estimated Homeowner Payback:

3 YEAR Payback

Payback with the application of 2011 federal tax credit, other rebates may also apply

Annual Operating Cost Comparison

Standard 50 Gal. Electric WH vs HTP 50 Gal. Heat Pump WH



Take Charge of Efficiency with Four Operating Modes



Economy Mode

The most efficient energy saving mode. The unit extracts energy from surrounding air and delivers it to the stored water. This mode provides an industry leading 2.26 energy factor (EF) with a first hour rating that reaches up to 60 gallons.



Vacation Mode

Save energy while away by using vacation mode. While in energy mode the unit will drop temperature down to 50°F to save energy and prevent water from freezing. Set the unit from 3 to 99 days away. The unit will automatically turn on one day before you come back, ensuring warm water on your return.



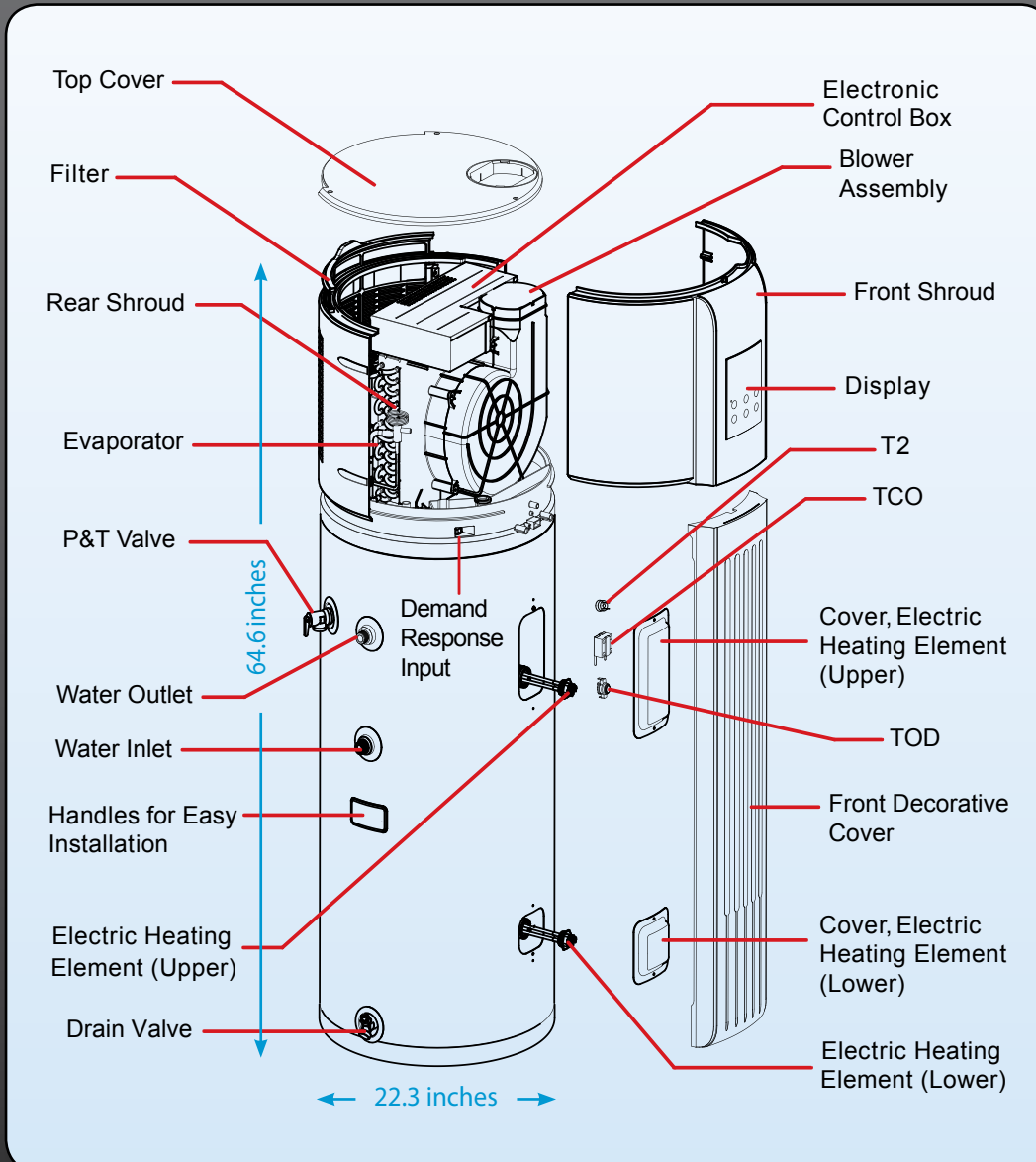
Auto Mode

The unit decides which mode to achieve optimum efficiency and comfort. Auto mode uses the heat pump as the primary heat source while the standard electrical elements provide a backup heat source when extra recovery is needed.



Standard Electric

This mode is used during high load conditions where the unit may need to expand more energy than usual.



Demand Response

HTP's Hybrid Heat Pump Water Heater has the ability to utilize the *Demand Response System* that many utility companies provide. This water heater, equipped with a DR module, will automatically recognize which energy cost rate is available and adjust its mode and temperature setting to use less energy when rates are at their highest and then adjust to utilize more energy when rates are at their lowest. *This is a real money saver!*

| HTP Heat Pump Water Heater |
|----------------------------|
| Model: HPW-50-6 |
| Weight: 200 lbs. |
| First Hour Rating: 60 Gal. |
| COP: 3.0 |
| EF Rating: 2.26 |
| Ambient Temp: up to 115°F |
| Water Temp: 110° to 140°F |
| Height: 64.6" |
| Diameter: 22.3" |
| 50 Gallon |

