

# Heat Pump Water Heater

**Install | Replace | Maintain**

*The eco-smart choice for long-term hot water savings.*

## **WHAT TO EXPECT WHEN OUR TECHNICIAN ARRIVES**

When you schedule a heat pump water heater service, our skilled technician will arrive prepared to walk you through a high-efficiency solution tailored for your home.

### **Step-by-Step Onsite Process:**

1. **Home & Utility Assessment**
  - We assess your hot water needs, existing water heater location, space ventilation, and electrical access.
2. **Recommendation & Planning**
  - Based on your household size, layout, and energy goals, we suggest the ideal size and model.
3. **Installation or Maintenance**
  - For installs: We'll remove the old unit, install the heat pump heater, adjust ducting (if needed), and connect electric and water lines.
  - For maintenance: We'll inspect the evaporator coil, test heating modes, and clean the air filter.
4. **Startup & Testing**
  - System is powered up, water is heated, pressure tested, and efficiency settings are reviewed.
5. **Homeowner Orientation**
  - We guide you through the smart controls, maintenance reminders, and energy-saving modes.

### **Typical Timeframe:**

- New Install: **4–6 hours**
- Replacement: **3–5 hours**
- Routine Maintenance: **30–60 minutes**

## **WHAT IS THIS FIXTURE FOR? WHY IS IT IMPORTANT?**

A **Heat Pump Water Heater (HPWH)** is a high-efficiency alternative to traditional electric or gas tank water heaters. Instead of generating heat directly, it **pulls heat from the surrounding air** and transfers it to your water—like a reverse refrigerator.

### **Why It Matters:**

- **Up to 4x more efficient** than conventional systems

- **Lower utility bills** and eligibility for rebates
- **Eco-friendly** — significantly reduces greenhouse gas emissions
- **Smart controls** — with vacation mode, energy tracking, and Wi-Fi integration

Because it uses ambient air, it's best installed in **well-ventilated areas** like garages, basements, or utility rooms.

## **REPAIR OR REPLACE? YOUR OPTIONS**

Depending on system age and issue severity, our technician may recommend:

- **Repair** – Fix or replace components like the fan, compressor, thermostat, or heating elements
- **Spot Repair** – Target a sensor or filter issue
- **Full Replacement** – Upgrade to a newer, quieter, or higher-capacity model
- **Efficiency Upgrade** – Move from standard electric to a heat pump for long-term savings

## **COMPARE YOUR OPTIONS**

<b>Option</b>	<b>Pros</b>	<b>Cons</b>	<b>Budget</b>	<b>Ideal When</b>	<b>Time to Complete</b>
<b>Repair</b>	Fast, cost-effective	May be a short-term fix if unit is aging	\$	Minor issues, under 7 years old	1–2 hours
<b>Spot Repair</b>	Resolves specific failures	Doesn't extend overall unit lifespan	\$–\$\$	Filter, drain, or display issue	1–2 hours
<b>Full Replacement</b>	Modern, quiet, energy-smart unit with warranty	Higher upfront cost	\$\$–\$\$\$	Older than 10 years, recurring issues	4–6 hours
<b>Upgrade</b>	Up to 75% lower energy use, rebate eligible	May require electrical updates, more install space	\$\$\$	Replacing electric tank or planning for net-zero home	5–7 hours (w/ adjustments)

## **HOMEOWNER TIPS & TRICKS**

- **Clean the air filter** every 3–6 months to maximize efficiency
- **Ensure good airflow** around the unit—don't store items directly beside it
- **Flush the tank annually** to remove sediment buildup
- **Use smart features** like scheduling and vacation mode to optimize usage
- **Watch for alerts** on the display panel for maintenance needs or temperature shifts

## WANT EFFICIENT, ECO-FRIENDLY HOT WATER?

At **Bayshore Plumbers**, we believe in comfort **without compromise**. Whether you're looking to **reduce energy bills**, upgrade an old unit, or go greener — our certified team is ready to help.



**Contact us today** for a free estimate or consultation.

We're **licensed, local, and family-owned** — trusted by Bay Area families for decades.

## **Frequently Asked Questions (FAQ's):**

### **1. What is a heat pump water heater, and how is it different from a traditional water heater?**

A heat pump water heater (HPWH) doesn't generate heat directly like gas or electric models. Instead, it **pulls heat from the surrounding air** and transfers it to the water — similar to how a refrigerator works in reverse. This makes it up to **4 times more energy-efficient**, saving money on utility bills.

### **2. Is a heat pump water heater right for my home?**

HPWHs work best in **well-ventilated spaces** like basements, garages, or utility rooms. If you're looking to cut energy costs, reduce carbon footprint, or qualify for rebates, a heat pump water heater is a great choice. We can evaluate your home and tell you if it's the right fit.

### **3. How long does installation take?**

A new installation usually takes **4–6 hours**, while replacing an existing unit takes **3–5 hours**. If we need to make electrical or ventilation adjustments, we'll let you know upfront and handle everything professionally.

### **4. Do heat pump water heaters require special maintenance?**

Not much — just **clean the air filter every 3–6 months**, keep the area around the unit clear for airflow, and flush the tank annually to remove sediment. Our team can handle routine maintenance and show you how to keep it running efficiently.

### **5. Are there rebates or incentives for installing a HPWH?**

Yes! Many local utilities and federal programs offer **rebates or tax credits** for energy-efficient appliances like heat pump water heaters. We'll help you find and claim any incentives available in the Bay Area.

### **6. How long will a heat pump water heater last?**

With proper care, HPWHs typically last **10–15 years**, often longer than traditional electric heaters due to their efficiency and smart technology. Regular maintenance can help maximize its lifespan.