

# Tankless Water Heater

**Install | Replace | Maintain**  
*Endless hot water. Superior energy savings. Smarter plumbing.*

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

Our licensed technicians arrive ready to install, upgrade, or troubleshoot your tankless water heater system. Here's what the visit typically includes:

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

- 1. Initial System Evaluation**
  - We'll assess your home's hot water needs, current water heater setup (if any), and inspect water/gas lines and electrical access.
- 2. Customized Recommendations**
  - We'll suggest the appropriate tankless unit size and model based on your household usage and plumbing layout.
- 3. System Installation or Repair**
  - For installation: We'll remove the old tank, mount the new tankless unit, and install or adapt venting, gas/electric lines, and water lines.
  - For repair: We'll address issues like ignition failure, mineral scale buildup, or sensor malfunctions.
- 4. Safety & Function Testing**
  - We'll test temperature, flow rate, venting, gas pressure, and safety shutoff systems.
- 5. Walkthrough & Owner Tips**
  - We'll show you how to operate and maintain your unit, and explain filter cleaning and descaling.

### **Typical Timeframe**

- New Install: **4–6 hours**
- Replacement: **3–5 hours**
- Routine Maintenance: **45–60 minutes**

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

Tankless water heaters, also called **on-demand water heaters**, **heat water only when you need it** — without storing it in a tank. As water flows through the unit, high-powered burners or heating elements warm it instantly.

### **Why It Matters:**

- **Energy Efficiency** – No standby energy loss like with traditional tanks.

- **Unlimited Hot Water** – Perfect for families, back-to-back showers, and large households.
- **Compact Design** – Mounted to the wall and frees up space.
- **Longer Lifespan** – Typically lasts 15–20 years with proper maintenance.

A small component like a **flow sensor** ensures the heater only activates when needed, while a **heat exchanger** warms water rapidly as it passes through.

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

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

- **Repair** – Replace individual components like ignition sensors, fans, or flow meters
- **Spot Repair** – Address localized mineral buildup or wiring problems
- **Full Replacement** – Install a new high-efficiency unit if the system is outdated or beyond repair
- **Upgrade** – Move to a larger capacity unit, recirculation model, or energy-saving smart water heater

## **COMPARE YOUR OPTIONS**

Option	Pros	Cons	Budget	Ideal When	Time to Complete
<b>Repair</b>	Lower cost, fast fix	May not resolve deeper age-related issues	\$	Minor part failure, newer unit	1–2 hours
<b>Spot Repair</b>	Resolves isolated problems	Doesn't reset lifespan or address scaling	\$\$-\$	Buildup or circuit issue	1–2 hours
<b>Full Replacement</b>	New warranty, better performance	Higher upfront investment	\$\$\$-\$	Old unit, frequent failures	4–6 hours
<b>Upgrade</b>	Boost performance, comfort, and control	May require plumbing or electrical updates	\$\$\$	Larger household, smart home integration needs	6–8 hours (incl. updates)

## **HOMEOWNER TIPS & TRICKS**

- **Flush the system annually** to remove mineral scale buildup (especially in hard water areas).
- **Install a sediment filter** to protect internal components.
- **Watch for warning signs** like fluctuating water temperature, low flow rate, or error codes on the digital display.
- **Power down and inspect** during extended vacations or home renovations.

- **Label your breaker and gas shutoff** for easy identification in emergencies.

## **READY TO MAKE THE SWITCH?**

At Bayshore Plumbers, we combine certified expertise with warm, neighborly service. Whether you're upgrading for efficiency or need a fast fix, we're here to deliver hot water comfort the smart way.

 **Call now for a free estimate or same-day tankless service.**

We're **local, licensed, and family-owned** — proudly serving the Bay Area one faucet at a time.

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

### **1. How is a tankless water heater different from a traditional tank model?**

A tankless water heater provides **hot water on demand** — it only heats water when you need it, rather than storing hot water like traditional tanks. This means **endless hot water, greater energy savings**, and a **longer system lifespan**.

### **2. How do I know if a tankless system is right for my home?**

If you want **unlimited hot water**, have a **larger family**, or are looking to **reduce energy bills**, a tankless unit is a great fit. We'll assess your usage and plumbing layout to recommend the best model — whether it's for a single bathroom or your entire home.

### **3. How long does it take to install a tankless water heater?**

- **New installation:** 4–6 hours
  - **Replacing an old tank unit:** 3–5 hours
  - **Routine maintenance** (like flushing): 45–60 minutes
- We'll let you know exactly what to expect before we start.

### **4. How often should I service my tankless water heater?**

We recommend a **yearly flush and inspection**, especially in areas with hard water. Regular maintenance helps prevent mineral buildup, keeps heating elements clean, and extends your system's lifespan to 15–20 years.

### **5. What are signs my tankless unit needs repair?**

Watch for:

- **Fluctuating temperatures**
- **Low flow rates**
- **Error codes on the digital display**
- **Ignition issues or rumbling sounds**

If you notice these, we can repair or replace key components like flow sensors, fans, or ignition modules.

### **6. Is it worth upgrading to a smart or recirculating tankless unit?**

Yes — newer models offer **Wi-Fi monitoring, energy usage tracking, and recirculation** for faster hot water at distant faucets. These upgrades can **boost efficiency, comfort, and convenience**, especially for growing families or smart homes.