

What Is The Best Temperature For A Hot Water Heater?



Many homeowners are unsure about the ideal water heater temperature. Using appropriate knowledge, you can maximize the functionality and effectiveness of your water heater. Setting a water heater too high causes energy bills to rise. On the other hand, if your water heater is set too low, you might not get hot water (resulting in chilly showers), or worse, it might be susceptible to bacterial growth. A simple change in water heater temperature could save you hundreds of dollars. Consulting an expert for water heater temperature setting or **water heater installation in Sacramento** can help you clear many doubts.

How High Or Low Temperature Should You Set?

The EPA recommends a temperature of 120 degrees because it is hot enough to prevent disease, provides adequate hot water for many small families, and is relatively energy-efficient. The Consumer Product Safety Commission suggests the same temperature to stop scalding. Moreover, OSHA (the Occupational Safety and Health Administration) advises keeping the temperature at 122 degrees or higher to prevent the formation of dangerous bacteria.

Should You Change The Water Heater Temperature?

Yes, it would help if you changed the water heater temperature for:

- Safety
- Cost
- Energy efficiency

Too Low-temperature Risks

- Legionella, the bacteria that causes Legionnaires' disease, develops in household water systems and can pose a health risk. According to OSHA, Legionella growth may shoot up by water heaters that are kept below 140 degrees and have scale and silt.

Too High-temperature Risks

- The CPS says that adults may experience third-degree burns after being submerged in 150-degree water for as little as two seconds. Also, six seconds in 140-degree water or thirty seconds in 130-degree water might result in burns. Third-degree burns could occur after five minutes of exposure, even at 120 degrees.
- Your energy cost could rise drastically if your water heater temperature is too high. According to the Department of Energy, hot water heating can make up 14% to 18% of a typical power bill.
- High temperatures can cause calcium carbonate buildup and other hard water mineral particles inside the tank. The accumulation may cause the water heater tank to corrode, reducing the unit's estimated lifespan. Leaks and tainted water might also be caused by the rust in the tank. One of the causes of water heater failure is internal rust buildup.

How To Check Your Tap Water Temperature?

1. Before testing, wait at least two hours without using your hot water. You can skip this step if you have a tankless water heater.
2. Let the hot water run for three minutes.
3. Adjust your water heater temperature.
4. Retest after a full day to allow the water temperature to fluctuate.

Conclusion

Whether you need help setting the water heater temperature or want to schedule a repair, trust the experts at the **HVAC company in Sacramento**. Professionals offer comprehensive repair services and replace your water heater before it poses a health risk. Regular maintenance of your water heater can help prevent significant problems and prevent it from aging.

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