YOUR HOW TO GUIDE

For Installing a Hot Water Heat Pump

SAVE ENERGY. CUT BILLS. PROTECT ENVIRONMENT.

Why Choose a Hot Water Heat Pump?

Cheapest Hot Water System

For Running Costs

Heat pumps are the cheapest hot water systems to run. they can lower your hot water running costs by 60% to 80%. With solar, heat pumps are effectively free if using power from your system, compared to paying for gas.

Long-Term Savings

Heat pumps deliver long-term savings.

Example: Without solar, you save around $5,500 to $6,000 over 15 years compared to gas or electric resistance water heating. With solar, savings increase to around $8,500 to $9,000 over 15 years, for an average home.

Extra Features

WIFI compatibility and timers help control household energy loads. Can be programed to heat water during the day, therefore use free solar energy instead of paying for grid electricity.

Energy Efficient

Heat pumps are roughly three to five times more efficient than standard electric storage systems, using 65–75% less energy than a standard system.

Better For The Environment

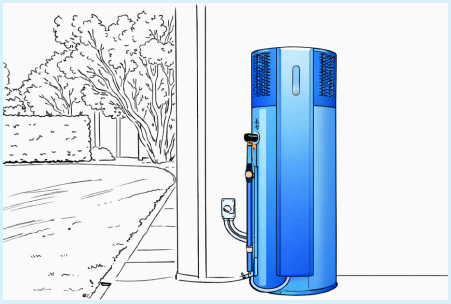
Far Fewer Emissions

Significantly reduces greenhouse gas emissions, especially when paired with rooftop solar.

Example: A gas hot water system's emissions are roughly double those of a hot water heat pump system. Heat pumps can reduce a home's carbon footprint by around 1.5 to 3 tonnes of CO_2 per year.

Low Maintenance & Long Lifespan

Heat pumps typically last 8-20 years and usually only need professional servicing every 3-4 years.



Your Hot Water Heat Pump Installation Checklist

- [ ] **Choosing Your System**

  Considerations and Features

  Review your hot water use. Consider tank size and shape, systems features, level of control via system or app, timing control (to run during solar hours), COP rating for energy efficiency, suitability for ambient temperature, recover rate (speed), warranty, compressor noise.
  Choose an environmentally friendly refrigerant.

- [ ] **Research Federal, State and Council Rebates and Incentives to Reduce Upfront Costs**

- [ ] **Get Quotes From Licensed Installers**

  Choose the best system within your budget that is based on the considerations and features in #1 above. Select a licensed plumber who installs heat pump systems and is eligible to claim rebates.

- [ ] **Check Electrical Requirements**

  Heat pump systems usually need a dedicated circuit. Homes switching from gas may require an electrical upgrade.

- [ ] **Physical Installation, Safety Check, and Certificate of Compliance**

  Consider the tank and compressor location, usually side of home. The tank is mounted on a stable concrete slab/base. The plumber connects the water lines and installs a tempering valve (to prevent scalding) and a pressure temperature relief valve for safety. The installer provides the Certificate of Compliance.

References:

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