



Cala Heat Pump Water Heater



Cala^o

Cala is the world's first intelligent heat pump water heater, combining purpose-built hardware with predictive software to transform one of the home's largest energy loads into intelligent home infrastructure.

Rather than simply reacting when water gets cold, Cala learns each household's unique hot water patterns and proactively optimizes heating to maximize comfort, lower energy costs, reduce carbon emissions, and coordinate with the modern electric home. Unlike conventional heat pump water heaters that rely on basic thermostats and fixed operating modes, Cala combines a variable-speed compressor, integrated mixing valve, advanced sensing, and predictive controls. The system continuously learns household demand while incorporating external data such as electricity prices, solar production, weather, and grid conditions to determine when, how fast, and to what temperature to heat water. This maximizes heat pump operation while minimizing reliance on electric resistance heating, improving real-world efficiency without sacrificing hot water availability.

Designed to integrate seamlessly with today's connected homes, Cala coordinates with rooftop solar, home batteries, dynamic electricity rates, and home automation platforms. The result is a water heater that serves as a flexible

thermal battery, shifting energy use to the most economical and sustainable times while ensuring hot water is available when it's needed most.

For homeowners, Cala delivers a fundamentally better experience: lower operating costs, reduced environmental impact, abundant hot water, and intelligent automation without requiring manual schedules or constant adjustments. By reimagining water heating from the ground up, Cala is establishing a new standard for home infrastructure—one that is predictive, connected, and designed for the energy systems of today and tomorrow.

Product Specifications

- **ENERGY STAR® certified**
- **UEF:** 3.76
- **First Hour Rating:** 78
- **Refrigerant:** R-513A
- **Variable speed compressor**
- **Energy Management Features:** Energy consumption reporting and intelligent control based on demand prediction
- **Connectivity Protocols:** Bluetooth, Wi-Fi, AWS SideWalk
- **Platform Compatibility:** Home Assistant
- **Warranty:** 10-year limited warranty covering tank and key components, 3-year labor warranty when installed by a Cala Pro contractor, 1-year labor warranty when installed by non-Cala Pro contractors

Availability: Cala's intelligent heat pump water heater is available now in the United States. Homeowners can purchase the system directly from Cala at shop.calasystems.com or work with a trained Cala Pro contractor for product selection and professional installation.

Cala Systems

234 Ballardvale Street
Wilmington, MA 01887
United States

Phone: (877) 684-2252
calasystems.com

