

The smart hot water choice for new homes

When building a new home, choosing the right hot water system can make a big difference to long-term energy costs.

Hot water typically accounts for **25–35%** of a home's energy use, so installing an efficient system from the start can significantly reduce power bills.

Emerald Hot Water Heat Pumps, brought to you by Ecobulb, use advanced heat pump technology to extract heat from the surrounding air and transfer it into the water tank. Instead of generating heat like a traditional electric cylinder, they move heat, making them far more efficient.

The result is reliable hot water using a fraction of the electricity of conventional systems.

Why install a heat pump water heater in a new build home?

Installing a heat pump water heater during construction is easier, cleaner, and more cost-effective than retrofitting one later. Builders can position the system for optimal efficiency and ensure the plumbing and electrical layout are designed around it.

Choosing an Emerald heat pump system from the beginning means the home benefits from:



Lower power bills

Heat pump hot water systems typically use 60–75% less electricity than standard electric cylinders.



Improved home efficiency ratings

Energy-efficient appliances help improve the overall energy performance of the home.



Future-ready electrification

As homes move away from gas and towards fully electric designs, heat pump hot water is becoming the preferred solution.



Reduced environmental impact

Lower electricity use means lower carbon emissions.



Solar ready

Heat pump hot water systems work well with rooftop solar, allowing excess daytime solar power to heat water and further reduce energy costs.



Why choose the Emerald Pro?

Emerald Pro heat pump water heaters are designed for efficiency, reliability, and long-term performance.

Market-leading efficiency

With a Coefficient of Performance (COP) of 5.2, Emerald Pro is one of the most efficient hot water heat pumps available and uses significantly less electricity than traditional cylinders.

Fast tank recharge rate

The Emerald Pro delivers one of the fastest recovery rates in its class, reheating up to 112 litres per hour to ensure reliable hot water for busy households.

Advanced smart app control

Control your hot water from anywhere using the dedicated mobile app. Monitor performance, adjust settings, or switch the system off remotely.

Industry-leading warranty

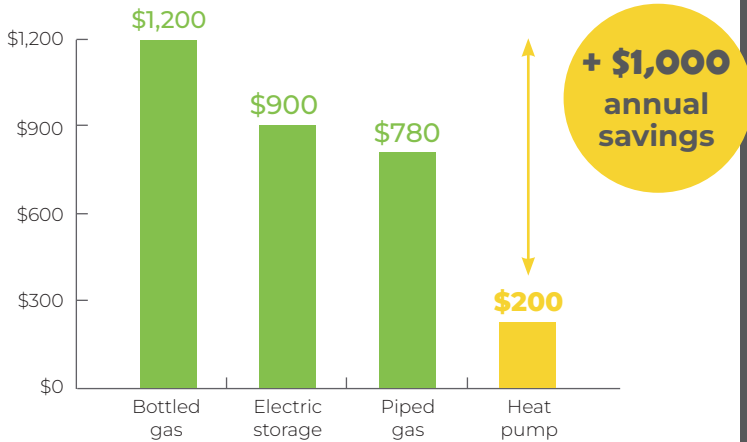
Emerald Pro systems come with one of the longest warranties available, giving homeowners long-term peace of mind.

* Price includes system supply and delivery to Christchurch only. Delivery outside Christchurch will be quoted separately. Installation is not included.

How much will you save?

Heat pump hot water systems are significantly cheaper to run than traditional electric cylinders or gas systems. A typical household of four could save over \$1,000 per year on energy costs.

Average annual hot water cost by system



Based on an average four person household.

We deliver to anywhere in New Zealand

Emerald heat pump systems can be delivered anywhere in New Zealand. Transport costs may vary by location and will be included in your system quote.

Flexible plumbing options

Builders and homeowners have flexibility when it comes to installation. You can:

Use your own plumber

Many builders prefer to work with their existing plumbing contractors. We can supply the system and provide installation guidance, including videos.

Use one of Ecobulb's trusted plumbing partners

We work with experienced installers across New Zealand:



Canterbury



Wellington region



The rest of New Zealand

These partners are familiar with Emerald heat pump systems and can ensure a smooth and professional installation.

About Ecobulb

Ecobulb is an energy efficiency specialist delivering residential and commercial energy-saving solutions throughout New Zealand.

Find us at:

www.ecobulb.co.nz

info@ecobulb.com

ecobulb
Saving enough electricity to power New Zealand



Frequently asked questions

What does delivery cost?

Delivery costs depend on your location. Contact us at info@ecobulb.com to find out the delivery costs to your location

What is the delivery lead time?

Typical delivery time is approximately one to two weeks, depending on availability and location.

Can it be installed by the coast?

Yes. Coastal installations are possible, however additional precautions and maintenance may be recommended due to the harsher environment. Contact us to discuss your specific situation.

Where should the heat pump be positioned?

The systems are installed outdoors. For optimal efficiency, the unit should be positioned close to the main hot water demand areas (such as bathrooms). It can be installed against an external wall and should have at least 300 mm of clearance to either side of the unit to allow for proper airflow and circulation.

What is the expected lifespan of the system?

The estimated lifespan is approximately 15 years, similar to a modern electric hot water cylinder.

How much could I save?

Scan the QR code below to calculate an estimate of potential energy savings based on your household.

Does it work with solar?

Yes. Emerald Pro heat pump systems work very well with rooftop solar. The system can be programmed to heat water during the day using excess solar generation, helping maximise the use of your solar power and further reduce electricity costs.

What are the warranties?

Seven years for the tank and five years other parts and labour.

