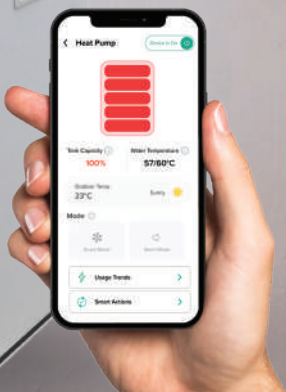


Hot Water Heat Pump

All-In-One System



**Built-in
Wi-Fi
control**

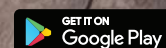


Engineered for effortless efficiency

Designed by Emerald, proudly Australian since 2006, this hot water heat pump packs efficiency, reliability, and smart Wi-Fi control into one powerful system.

Ideal for the home and business, it delivers peak performance in any setting.

In addition to its eco-friendly features, this hot water heat pump comes with smart controls and an optional electric backup system, making it a versatile choice anywhere in Australia.



Why choose an Emerald Hot Water Heat Pump All-In-One system?

Built to last

Engineered from premium materials, including carbon steel and diamond enamel coating for outstanding performance and durability.

Wi-Fi built in to allow Emerald App control

Know exactly how much water you are using, anywhere, anytime with Emerald App.

Modern compact design

Designed with a contemporary, compact style to seamlessly blend into modern buildings. Available in three sizes to meet the needs of small to larger households or business.

Gentle on the environment

Developed using R290, the preferred refrigerant due to its low Global Warming Potential. R290 is an entirely natural refrigerant with minimal environmental harm (compared to traditional refrigerants).

Quiet operation

Engineered with high quality components for quieter operation. Producing less than 39dB(A) of sound at 3m distance – similar to the sound of light rain.

Superior DC technology

Advanced DC technology ensures exceptional performance, efficiency, and reliability. DC technology optimises the system by adjusting fan speed to accurately match demand, increasing energy efficiency.

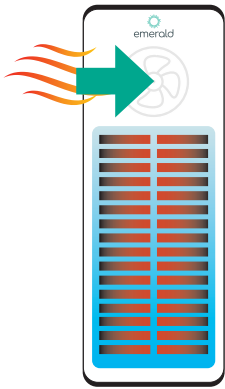


“ At Emerald, we want our customers to gain the most out of technology. We focus our energies on engineering products that are technologically superior, last longer and perform better. ”

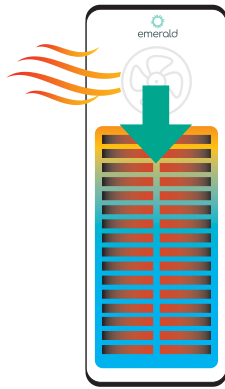
Stuart Edgley Emerald Managing Director

Stuart Edgley

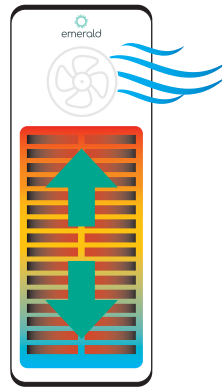
How does a hot water heat pump work?



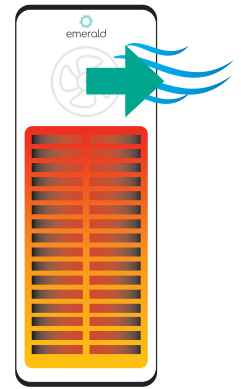
1 Air, which contains heat energy, is drawn in.



2 The heat is absorbed into the heat pump.



3 The heat exchanger transfers the heat to the water.



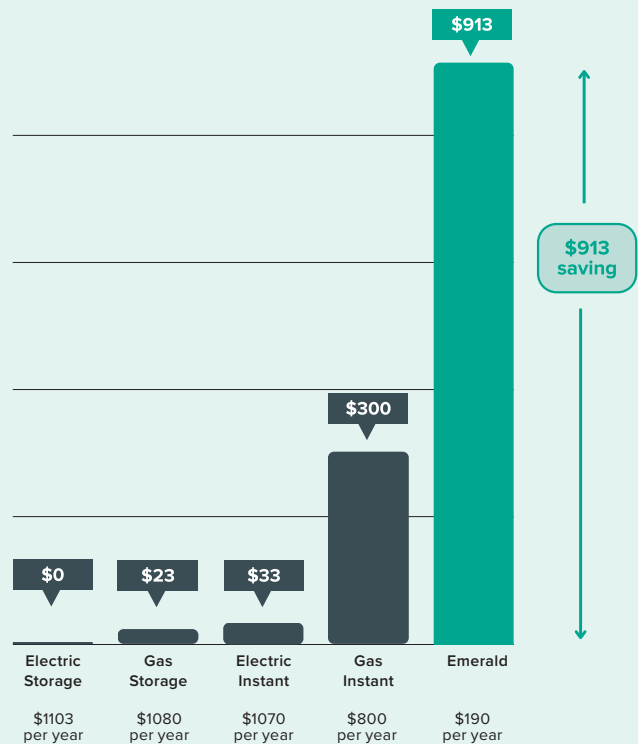
4 Cold air is expelled. Process is repeated as hot water is supplied.

Save up to 80% on your hot water bills

Hot water heating systems are often the most significant contributor to household energy costs, amounting up to 30% of the total energy consumption*.

Whether replacing an existing system or installing a new one, choosing an Emerald hot water heat pump ensures both comfort and energy efficiency.

The graph says it all—Emerald's hot water heat pump can save you up to 80% on your bills**, when compared to gas or electric storage systems, putting as much as \$913 back in your pocket. It's no wonder Australians are switching, embracing a more efficient way to heat their water and lower their energy bills.



**Savings compared to an electric storage system of \$1103 annually. Average annual Australian household hot water cost estimates based on daily use of 150L-200L for 4 people in 2023.

A size to suit everyone's hot water needs

Emerald offer three hot water heat pump models with capacities of 220L, 270L, and 320L, each with the option of a built-in electric heater. This back-up heater provides faster heating and ensures a reliable supply of hot water, even during cooler weather conditions.



1 - 4 people

220L All-In-One System

Compact design yet still provides ample hot water for smaller uses.



4 - 5 people

270L All-In-One System

Efficiently caters to the average properties high hot water demand.



5+ people

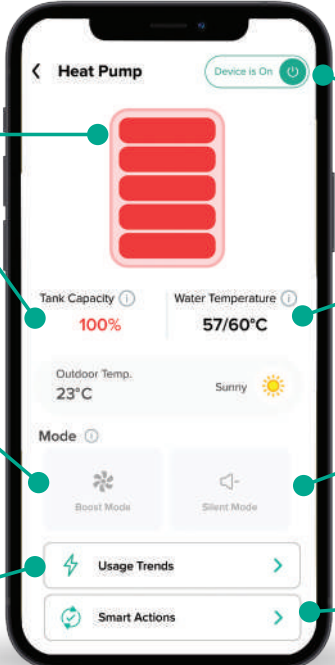
320L All-In-One System

Meets the higher hot water demand of larger properties without sacrificing efficiency and space.



Model	EE-HWS-A1-220E	EE-HWS-A1-220	EE-HWS-A1-270E	EE-HWS-A1-270	EE-HWS-A1-320E	EE-HWS-A1-320
Water Tank Volume	220L		270L		320L	
Optional Running Modes	Standard / Silent / Booster / E-Heater	Standard / Silent / Booster	Standard / Silent / Booster / E-Heater	Standard / Silent / Booster	Standard / Silent / Booster / E-Heater	Standard / Silent / Booster
Electric Heating Element	1.6KW	N/A	1.6KW	N/A	1.6KW	N/A
Unpacked Dimension	600*600*1598mm	600*600*1598mm	600*600*1826mm	600*600*1826mm	600*600*2050mm	600*600*2050mm
Packed Dimension (outdoor unit)	670*670*1730mm	670*670*1730mm	670*670*1956mm	670*670*1956mm	670*670*2170mm	670*670*2170mm
Net Weight (outdoor unit)	118kg	118kg	132kg	132kg	146kg	146kg
Gross Weight (outdoor unit)	126kg	126kg	141kg	141kg	154kg	154kg

Control your hot water with a tap



Real-time water tank capacity

Turn your heat pump on or off anywhere, anytime

Boost your tank to heat your water quickly

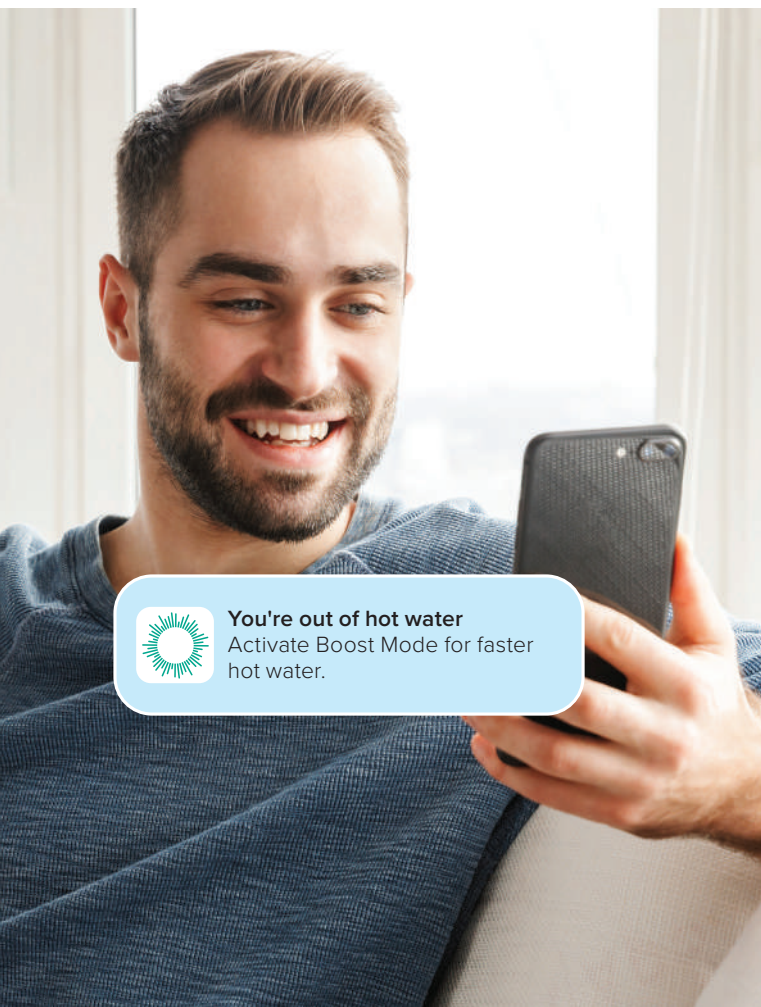
Real-time water tank temperature


Get valuable energy consumption data

Quieter operation with silent mode

Automate hot water with Smart Actions

The smartphone screen displays the 'Heat Pump' control interface. At the top, there is a 'Device is On' toggle switch. Below it is a red battery icon representing the water tank capacity, which is currently at 100%. To the right of the battery icon, the 'Water Temperature' is shown as 57/60°C. Below the temperature, the 'Outdoor Temp.' is 23°C and the weather is 'Sunny'. There are two mode buttons: 'Boost Mode' and 'Silent Mode'. At the bottom, there are two menu items: 'Usage Trends' and 'Smart Actions'.



 **You're out of hot water**
Activate Boost Mode for faster hot water.

Boost efficiency with Smart Actions

What are Smart Actions?

Smart Actions are a feature of the Emerald App that let you automate routine tasks across your devices, like your Emerald Hot Water Heat Pump All-In-One system. They save you time and electricity by automatically performing tasks on your behalf.

How do Smart Actions work?

Smart Actions are designed to override the standard settings of your Emerald Hot Water Heat Pump All-In-One system, allowing you to automate when your device is on or off.

Download
Emerald App



Engineered to cost you and the planet less

Australian government rebates

Australian federal, state, and territory governments have established energy efficiency schemes and programs to incentivise the adoption of new sustainable technology solutions.

These programs were introduced to drive energy efficiency, lower emissions, and support the transition to clean energy, helping Australia reach its net zero by 2050 goal while ensuring a sustainable, energy-secure future.

Save with Emerald

Emerald solutions are engineered for efficiency, consistently earning a high number of energy efficiency certificates. The more certificates, the greater the potential rebates for you, making home and business electrification more affordable. With superior performance Emerald helps you save more while supporting a sustainable future.

How much could you save?

Ask your certified installer about available government rebates today.





Visit our website
to find out more



emerald.com.au