

# Hot Water Heat Pump

## All-In-One Pro (220L, 270L, 320L)





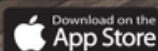
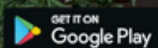
# Engineered for effortless efficiency

At Emerald we're on a mission to innovate change by engineering solutions that cost people and the planet less.

Designed by Emerald, proudly Australian since 2006, this Hot Water Heat Pump All-In-One Pro 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.



Reduced CO2  
90 million tonnes  
in carbon  
emissions



Saving \$65m  
per year for  
Australian  
households



Energy efficient  
60 million solutions  
installed in  
Australia



Australian  
owned & designed  
for Australian  
conditions

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

## Built to last

Engineered from premium materials, including carbon steel tank with 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.

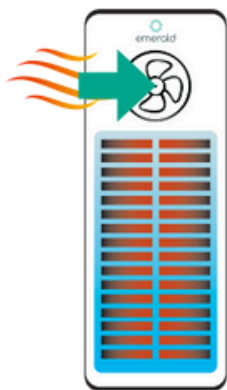
”

**Stuart Edgley** Emerald Managing Director

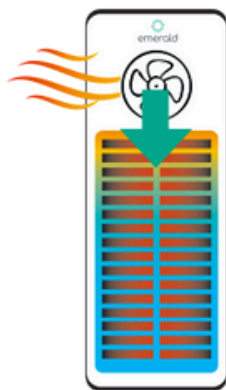
*Stuart Edgley*



# How does a hot water heat pump work?



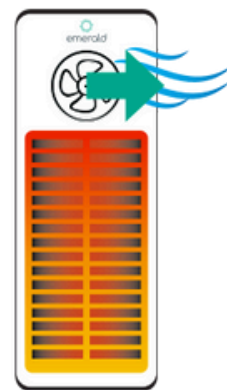
1 Air, which contains heat energy, is drawn in.



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.

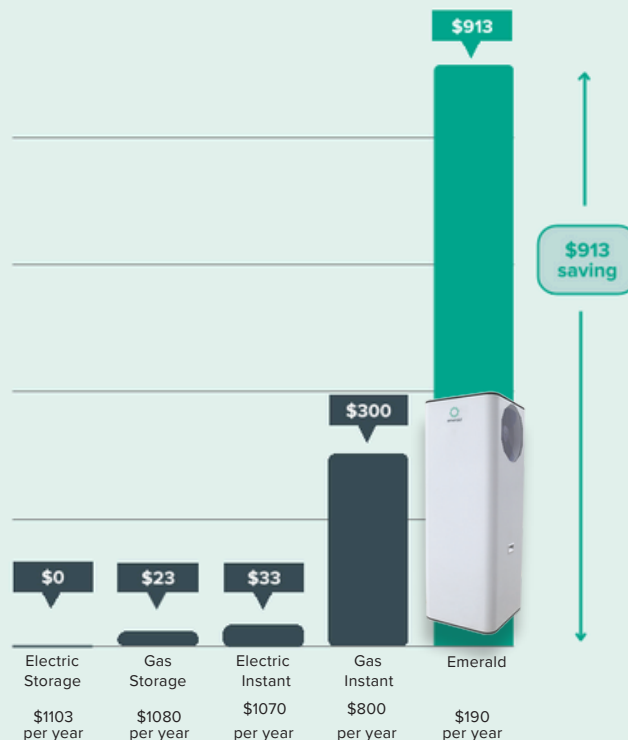
## Save up to 80% on your hot water bills

Heating your hot water is often the most significant contributor to household energy costs, amounting up to 30% of the total energy consumption\*.

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.

Whether replacing an existing system or installing a new one it's no wonder Australians are switching, embracing a more efficient way to heat their water and lower their energy bills.

\*energy.gov.au/households/hot-water-systems



\*\*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

Available in 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 - 3 people**

## 220L All-In-One Pro

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



**4 - 5 people**

## 270L All-In-One Pro

Efficiently caters to the average properties high hot water demand.



**5+ people**

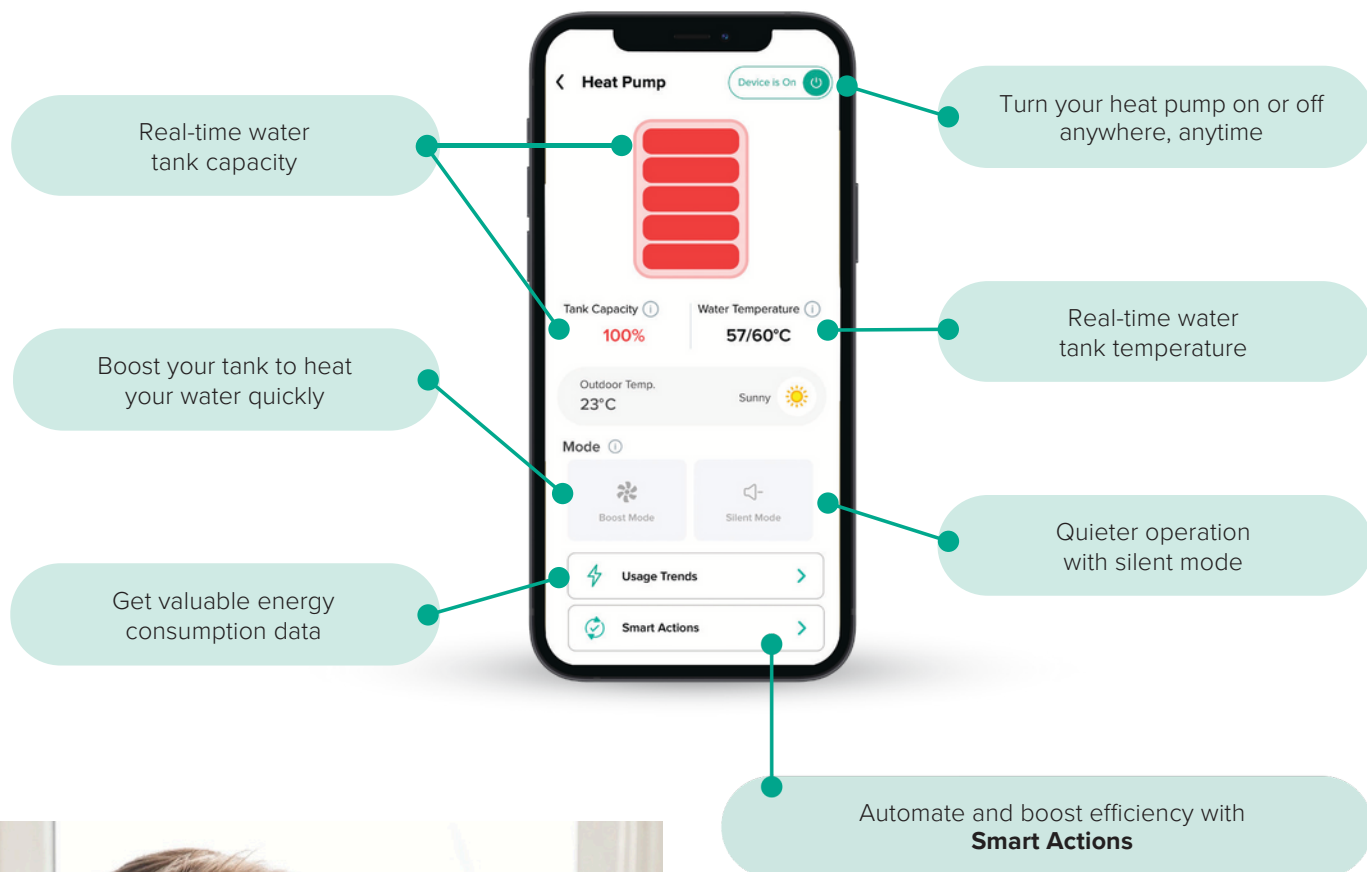
## 320L All-In-One Pro

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 on Emerald App



## What are Smart Actions?

Smart Actions are a unique feature on Emerald App to let you automate routine tasks across your devices, like your Emerald Hot Water Heat Pump All-In-One Pro system. They save you time and electricity automatically scheduling turning your system on or off to meet demand.

## How do Smart Actions work?

Smart Actions are designed to override the standard settings of your Emerald heat pump, 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.

## How much could you save?

Ask your certified installer about available government rebates today.

## Save with Emerald

Engineered for efficiency. Emerald solutions consistently earn 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.





Visit our website  
to find out more



[emerald.com.au](https://emerald.com.au)