

# EcoKnight heat pump hot water systems

With over 90 years experience in refrigeration technology, Kelvinator has developed a heat pump to reduce your hot water energy use.

Kelvinator EcoKnight heat pump technology takes heat from the air to provide hot water for your household. Using R410a refrigerant, it works day or night in all weather conditions. So whether you live in the snowy mountains or the tropical north, you can be assured your Kelvinator EcoKnight heat pump will deliver.

## How it works

Like a fridge in reverse, Kelvinator EcoKnight heat pump technology extracts warmth from the surrounding air to heat your water. It's a process that can work any time of day, even if it's cloudy or rainy, all year round.

## The EcoKnight difference

Not only does the Kelvinator EcoKnight heat pump have a high efficiency for low running cost, it also has the option of a Power Boost heating element. The boost element can be activated for use 24 hours a day at the push of a button.

Model	No. of people	% of annual energy saving				
		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
KHPE270362A	2-4 <sup>#</sup>	66.5	60.3	62.3	58.7	55.1
KHPE340362A	3-5 <sup>#</sup>	65.9	59.1	61.9	58.4	54.9

- Energy and greenhouse gas emissions reduction as per ORER registration compared to an electric hot water system.

- All our Kelvinator heat pump systems are recommended to be connected to electricity supply on continuous or Off Peak 2 tariff.

<sup>#</sup>This number is based on electricity supply being Off Peak 2 and average hot water usage under the WELS scheme. Other variables may affect hot water volumes, e.g. the electricity connection and the extra appliances using hot water (dishwashers and washing machines). For expert advice refer to your preferred installer.

## Power boost for fast heat up

Divert power to a heating element for fast heat up in those times of need, when you may have extra visitors or you have just returned from holidays. The power automatically reverts back to the heat pump after a 24 hour period.

## Simple installation

Kelvinator EcoKnight heat pump is a perfect solution for the home when a solar system may not be the ideal option. The Kelvinator EcoKnight heat pump can usually be installed in the same position as the existing hot water system. Because of its split system design the storage tank can even be installed inside with the heat pump unit installed outside\*.

\* Max distance 5 metres apart.

## Suitable for cold climates

Thanks to Kelvinator's R410a refrigerant, the EcoKnight heat pump reduces your energy consumption even when the outside temperature is -7°C.

## Government incentives

Because the Kelvinator EcoKnight heat pump is so efficient, it is eligible for attractive government incentives. As they are subject to change, please visit [www.orer.gov.au](http://www.orer.gov.au) for more information about incentives applicable in your area.

## Save your money

The Kelvinator EcoKnight heat pump has been designed to work in Off-Peak 2 Tariff, allowing you to reduce your energy bill all year round.

## Installation overview

- Split system design gives greater installation flexibility
- Tank suitable for internal and external application (heat pump unit must be installed outside)
- Recommend installing on Off-Peak 2 and wiring in element on continuous power
- Must be installed by an authorised installer

