

HEAT PUMP WATER HEATER



ecofriendly



economical



Ecosmart



EFFICIENT & ROBUST PERFECT FOR AUSTRALIAN HOMES

Designed and manufactured in Australia, new Dux Ecosmart heat pumps feature the latest technology and combine both high efficiency & performance to lower household energy use and greenhouse gas emissions.

Available in both 200L and 285L capacities, they feature a patented heating coil, anti-corrosive coatings and are designed for long service life with interchangeable major components.

This makes them a great alternative to a traditional electric water heater.





FEATURES AND BENEFITS

 200L and 285L tank sizes to **suit a variety** of hot water demands


 **Uses up to 75%** less energy than a standard electric water heater†


 Key components feature **anti-corrosive coatings** for maximum durability

 Element provides **heating redundancy** & single shot boost capability


 **Long service life** with interchangeable major components





 Patented dual wall heating coil for **efficient heat transfer**


 Co-efficient of Performance **COP up to 4.1#**

 **Designed & Manufactured in Australia**






 **Single piece design** for ease of installation by standard hot water trades

 Eligible for **generous government incentives**

 Features multiple operating modes to **customise hot water needs**

 Use the Dux HP App or smart controller to **select operating modes & heat pump settings**

CHOOSING THE RIGHT MODEL

NO. OF PEOPLE PER HOME	CLIMATE		
	COLD	WARM	HOT
	200L	200L	200L
	200L	200L	200L
	285L	200 / 285L	200 / 285L
	285L	285L	285L
	285L	285L	285L



To be used as a guide only - based on an average usage of 45L of hot water per person during the day. In relation to usage a person can represent a dishwasher or washing machine. Based on connection to continuous tariff. Heat pump performance will vary with ambient conditions and will be affected by the operating mode of the heat pump. Ensure appropriate mode is selected for your hot water demand.

HOW IT WORKS

The new Dux Ecosmart heat pump features a patented in-tank heating coil for efficient water heating. Working like a fridge, but in reverse, the heat pump absorbs heat energy from the air outside the tank, and uses this free energy to help heat the water.

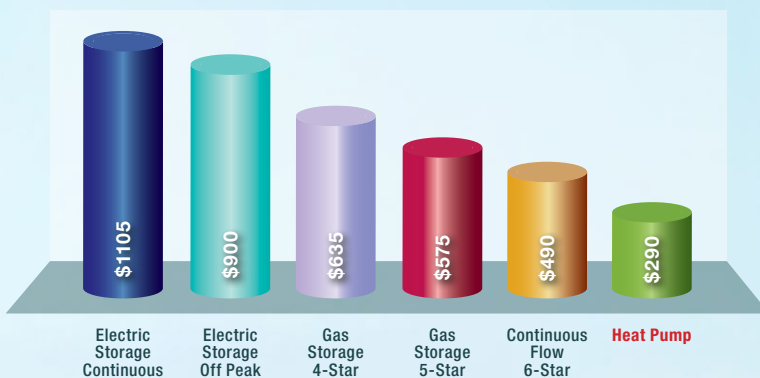


SAVINGS YOU CAN BANK ON

When it comes to running costs, the savings from heat pump technology really add up. You could save a massive \$610 off your electricity bill every year, simply by replacing a standard electric water heater connected to an off peak tariff with a Dux Ecosmart heat pump.

And with generous government incentives currently available, there's no better time to install a new Dux Ecosmart heat pump.

The easy way to save.



SMART CONTROLS

Every Dux Ecosmart heat pump features a built in smart controller that simple mode selection at the touch of a button. Even more functionality is accessible when connected to the Dux HP App.

These controls enable the user to configure and control the heat pump settings, including multiple pre-programmed operating modes which can be selected to maximise energy savings or set the heat pump operating mode to suit your individual hot water requirements.

The Dux HP App provides the ability to monitor the energy consumption, energy cost, operating modes & even the temperature of the water in the tank.

Auto

This is the default mode for the water heater and will heat the tank to 60°C when the ambient temperature is within -6°C to 45°C.

Eco

In this mode, only the heat pump system can operate to heat the water. This is the most efficient water heating mode.

Boost

In this mode, both the heating element and heat pump system will operate together to heat the water, for single shot boost applications only. This mode can be used to maximise the units recovery, reducing heating time.



Holiday

This mode can be used if the water heater is not expected to be used for a long duration. This mode puts the water heater into a dormant state saving unnecessary heating.

Scheduling

The water heater can be scheduled to operate only at particular times of the day using the “Weekly programming”. It’s a great option for households on time of use tariffs or when connected to solar PV systems.

MADE IN AUSTRALIA

An iconic Australian brand since 1915, the Dux range has seen continuous research and development, resulting in many breakthroughs in the efficiency, reliability and longevity of hot water systems. Dux is committed to producing high quality products and to the on-going development of new products.

Dux Ecosmart water heaters are manufactured in a state-of-the-art facility in the Southern Highlands, using a Quality Endorsed Company production system. This assures that customers have purchased the highest quality water heater available, one that will provide continuous hot water for all needs – safely, economically, and for many years to come.



MARATHON WARRANTY

All Dux water heaters are backed by our Marathon® Warranty. It's designed to provide peace of mind over the warranted term of the water heater.

The Dux Ecosmart heat pump is backed by a 7 year tank warranty, 3 year on refrigeration components including labour, and 1 year other components parts & labour warranty**.

Our Australian based Customer Service team is available to assist you regarding suitability, warranty or service.

Solar Victoria's Solar Homes Program: Without limiting the stated warranty period above, a 5 year 'Whole of Product' warranty applies where a rebate has been received under Solar Victoria's Solar Homes Program for installations from 1 July 2023.

Full warranty terms and conditions are in the product's Owners Manual, visit www.dux.com.au/warranty-terms to view or download.



DESIGNED TO GO THE DISTANCE

Australian made Dux Ecosmart heat pumps are built to last & designed to perform. We've specified high performance components from some of the biggest names in refrigeration and controller technology to provide the utmost quality and ensure product longevity.

We prioritise quality into the design and manufacture of our hot water systems to make one of the best water heaters possible. The process begins with robust designs from our local research and development team.

We specify superior 'Plus plus' cylinder designs in our Australian made Dux Ecosmart heat pump products, combined with high strength steel, commercial grade enamel and full length dual anodes for longer product life.

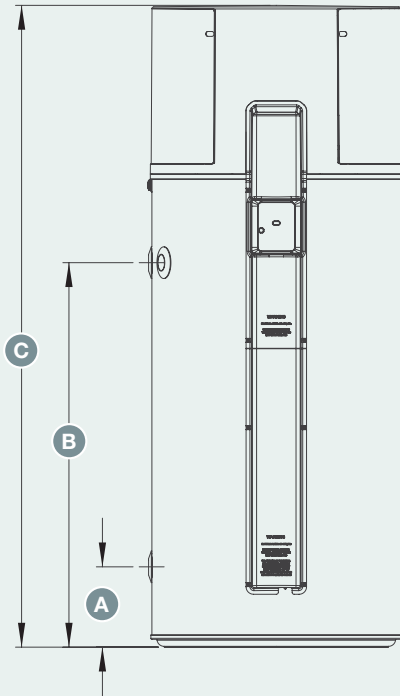
Our tanks are encased in 50mm thick foam insulation for less heat loss, helping to lower your energy bill.

We leak test tanks from each days production for even greater quality assurance.

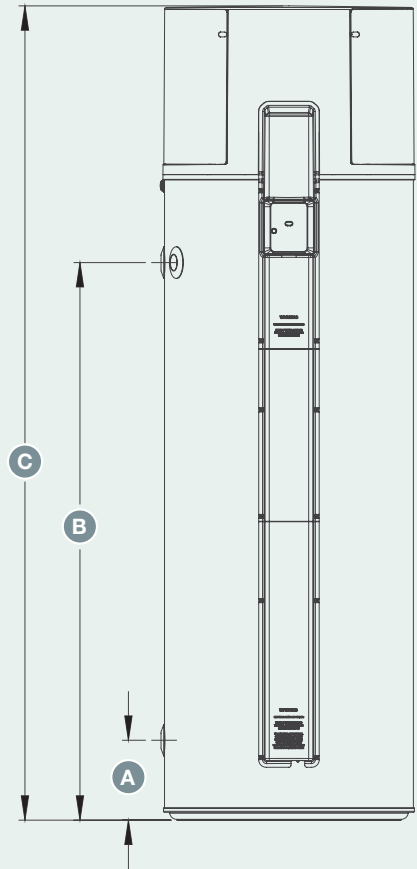
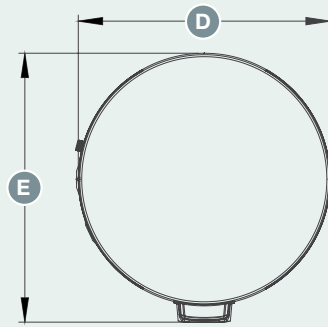
All Ecosmart tanks feature a robust polymer base ensuring it never rusts.

It's why we say our products are Built Stronger to Last Longer™.

SPECIFICATIONS



HEAT PUMP 200



HEAT PUMP 300

NOMINAL DIMENSIONS (MM)

MODEL	200DHA20/20P	300DHA20/20P
Inlet Height (A)	200	200
Outlet Height (B)	950	1375
Total Height (C)	1580	2005
Total Diameter (D)	620	620
Total Depth including Cover (E)	665	665

SPECIFICATIONS

MODEL	200DHA20	200DHA20P	300DHA20	300DHA20P
Storage Capacity (L)	202.5	202.5	287	287
Rated Energy Input (kW)	2.5	1.9	2.5	1.9
Max Current (A)	12	10	12	10
Electric Element Rating (W)	1800	1200	1800	1200
Net Weight (kg)	90		125	
Refrigerant Type / Mass (g)	R134a / 670		R134a / 670	
Max. Refrigerant Circuit Pressure	2600 (kPa)			
Relief Valve Rating	1000kPa/10kW			



MAKES SENSE... SAVES DOLLARS

When you purchase and install a Dux Ecosmart heat pump, you may be eligible for a variety of incentives that reduce your upfront cost.

Each incentive has eligibility requirements that need to be met.

There are a number of incentives for the Dux Ecosmart heat pump including but not limited to:

- ▶ Small-scale Technology Certificates (STCs) - www.cleanenergyregulator.gov.au
- ▶ NSW - Energy Savings Scheme (ESCs) - www.energy.nsw.gov.au
- ▶ VIC- Victorian Energy Upgrades Program (VEECs) - www.esc.vic.gov.au
- ▶ VIC- Victorian Solar Homes Program - www.solar.vic.gov.au
- ▶ ACT- Sustainable Household Low Interest Rate Finance Scheme - www.climatechoices.act.gov.au

Check with your council if additional rebates are available in your local area.



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100
YEARS
MANUFACTURING
IN AUSTRALIA
.....

Call us on 1300 365 116 or visit
dUX.com.au

*WARRANTY

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#Based on 20°C ambient air temperature and heating water from 20°C to 60°C. † Results published based on VIPAC performance testing of Dux 200DHA20 and 300DHA20 models in accordance with AS/NZS 5125.1:2014 part 1: Air Sourced Heat Pump water heaters, at 19°C ambient and a 40 degree temperature rise from 20°C to 60°C.

Sales: **1300 365 116** Service: **1300 365 115** or visit **dUX.com.au** for more.

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