HP System

ENVIROHEAT® Energy Efficient Hot Water Heater

enviroheat®

THE ENVIROHEAT PRODUCT MANUFACTURER IS THE **#1 SELLING HEAT PUMP** PRODUCER IN THE WORLD

Euromonitor International Ltd
Claim issued: February 2021

Certified Product™
Australian Standard

IAPMO R&T OCEANA™
OceanaMark

WaterMark

ENVIROHEAT – ENERGY EFFICIENT HOT WATER HEATER

5 YEAR REPLACEMENT WARRANTY

If your tank or mechanical components fail within 5 years, we will replace it with a ***BRAND NEW UNIT.****

** Conditions apply, please consult the Enviroheat warranty policy.*

The ENVIROHEAT energy efficient hot water heaters use heat pump technology, a leap forward in energy efficiency and is now available in Australia. Produced by the world's largest appliance manufacturer, the system was initially introduced into Europe over a decade ago and has proven performance in temperatures as low as -7°C.

It offers the best performance of any system in its class with up to a massive 71% saving in energy when compared to a conventional water heater. The ENVIROHEAT system has undergone rigorous testing and has been certified by the Australian Government Clean Energy Regulator. ENVIROHEAT's inclusion to the CER Register allows you to claim generous government rebates and dramatically reduces your investment.

The ENVIROHEAT HP series has an advanced control system that is feature packed and above all, easy to use. It can be programmed to maximize the use of roof top solar power systems whilst not compromising a plentiful supply of steaming hot water when you need it. The automatic sanitization feature ensures that your family is safe from legionella and other water borne bacteria.

The combination of whisper quiet operation, smart controls, superior UV protection and generous government rebates makes ENVIROHEAT the natural choice for an energy efficient home.

UP TO 71% CHEAPER TO RUN

NO FIXED WIRING

Simply plug the unit into a power point, no dedicated circuit or fixed wiring required.

DUAL ANODES

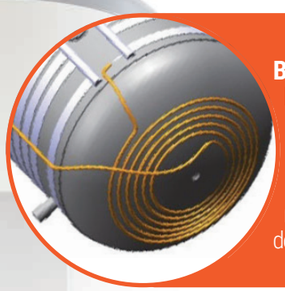
Twice the corrosion protection with dual full length anodes. Reduces costly maintenance and gives peace of mind in hard water areas.

MICRO-CHANNEL CONDENSER

Unique micro-channel condenser has a larger contact surface area for faster heat transfer and exceptional performance.

HEAT PUMP COMPRESSOR

Specifically designed for heat pumps to maximise operating efficiency and service life.



BASE HEAT EXCHANGER

The unique base heat exchanger ensures total tank heating to maximize hot water delivery and efficiency.

ECO POWER

LOW NOISE

SMART BOOST

SMART VACATION

HIGH EFFICIENCY

ANTI FREEZE

FROST PROOF

OVERHEAT PROOF

LEGIONELLA PROOF

MICRO CHANNEL

SOLAR POWER AND ENVIROHEAT

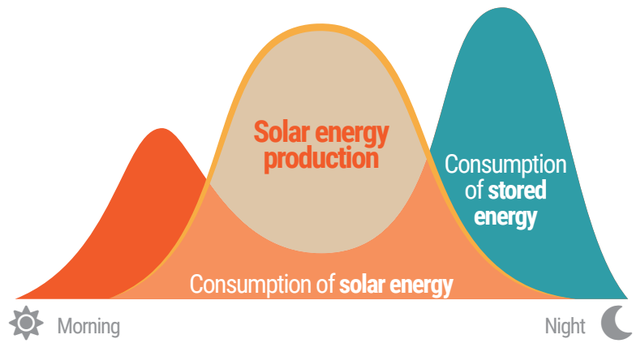
The ENVIROHEAT system is the perfect partner for your roof top solar system.

Whether you have already installed solar power or are considering it in the future, the clear choice to ensure a low energy home is ENVIROHEAT.

Our advanced control system is equipped with an automatic timer that allows you to maximise solar power utilisation. A second timer allows for an early morning boost to ensure you never run out of hot water.

SOAK UP **FREE ENERGY** FROM THE SUN

You can store up to 18kW of heat energy in one ENVIROHEAT tank ready to use when the sun has gone down.



STC REBATE **ZONES**

The Clean Energy Regulator has calculated the energy saving of the ENVIROHEAT systems according to where you live. Use the map shown here to determine how much you can save on an ENVIROHEAT system. To confirm your eligibility, check your postcode at **www.cleanenergyregulator.gov.au**.

Some States provide additional rebates and incentives that compliment the STC's program. Your local Enviroheat representative can advise you on any additional incentives in your area.

Model	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
200EH-1-14	21	20	26	27	27
250EH-1-15	22	20	26	27	27

Current as at 2019 and is subject to change based on prevailing Government legislation.

STC REBATES... WHAT ARE THEY AND **HOW DO I BENEFIT?**

To increase the adoption of more environmentally friendly, energy efficient hot water systems, the Australian Government has implemented the Small-scale Renewable Energy Scheme (SRES) which is sometimes referred to as "The Solar Rebate Program".

If you install a hot water system that has gone through the rigorous Government certification process, you will receive an electronic form of currency called "Small-scale Technology Certificates" (STCs).

You can take advantage of your STCs by assigning them to the provider of your new hot water system and in doing so, you will receive an immediate point of sale discount on your purchase. Not only will you enjoy the energy cost savings of your new system, your investment will be significantly reduced.

1kW
electricity combined with 3kW of FREE heat from the air

4kW
for water heating

HOW IT WORKS

To understand the concept of heat pumps, imagine a refrigerator **working in reverse.**

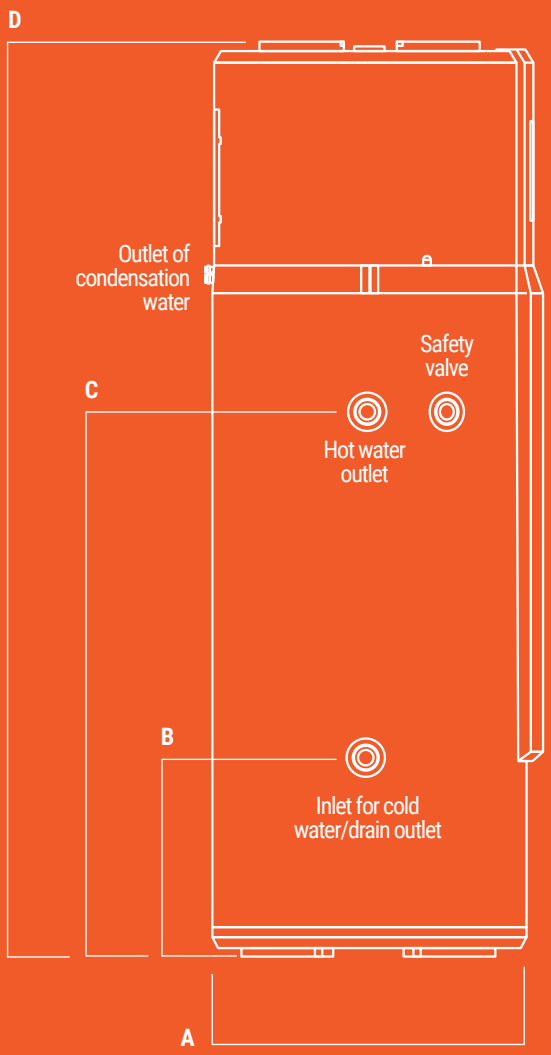
While a refrigerator removes heat from an enclosed box and expels that heat to the surrounding air, a heat pump takes the heat from surrounding air and transfers it to water in an enclosed tank.

Heat pump technology makes efficient use of the heat in the surrounding air, even at temperatures as low as -7°C. In fact the Enviroheat system is so efficient that it can convert 1kW of electricity into over 4kW of heat.

Heat Pump Model	200EH1-14	250EH1-15
Nominal tank volume (L)	200	250
Power supply (V/Hz/Phase)	220-40/50/1	
Insulation protection	IPX4	
Relief valve pressure (kPa)	700	
Tank material	Vitreous enamel coated steel	
Plumbing connection size	G3/4" F	
Corrosion protection	Sacrificial anode	
Average heat pump input power (W)	495	
Max. heat pump input power (W)	865	
Auxiliary heating input power (W)	1500	
Max. input power/current (W/A)	2365/9.85	
Refrigerant (type/quantity)	R134a/0.9kg	
Default temp. setting (ºC)	55	
Temperature setting range (ºC)	35 - 75	
Minimum ambient temperature (ºC)	-7	
Noise level (dBA)	46	
Unit weight (net/gross - kg)	91/103	102/115
Product dimensions (D*W*H mm)	600*629*1670	600*629*1965
Packing dimensions (D*W*H mm)	735*695*1940	735*695*2250

- All pictures shown are for illustration purpose only.
- Products and specifications are subject to change without notice.
- The system must be installed in accordance with the installation instructions provided in the users manual.
- If the system is to be installed in an unsheltered location, it must be fitted with an Enviroheat Weathershield (supplied with unit).

Model	A	B	C	D
200EH1-14	629	270	980	1692
250EH1-15	629	270	1275	1987



Available from:

IAPMO R&T OCEANA

CERTIFICATE OF CONFORMITY

IAPMO R&T Oceana hereby grants to:

Southern Cross Water Heaters Pty Ltd

460 Victoria Rd, Malaga, Perth, WA, 6090, Australia

Evaluated to:

AS 3498

Authorisation requirements for plumbing products - Water heaters and hot-water storage tanks

Manufacturer:

Refer to Licence Holder

IAPMO R&T OCEANA

OCEANAMARK CERTIFICATE

IAPMO R&T Oceana hereby grants to:

Southern Cross Water Heaters Pty Ltd

460 Victoria Road, Malaga, Perth, WA, Australia, 6090

Evaluated to:

AS/NZS 2712

Solar and heat pump water heaters - Design and construction

Manufacturer:

Refer to Certificate Holder

460 Victoria Road MALAGA WA 6090

A division of Energie Group Australia Pty. Ltd. ABN 50 166 500 787

Phone **(08) 9203 2000**

Sales **1300 314 173**

Service **1300 825 143**

Email **sales@ega.energy**

Online **energiegroup.com.au**