

When choosing and Heat Pump water heater
There are a few things to consider

There is the ...



... and then there is the others





Why enviroheat ?



Cost effective – after the financial benefit of STC's, cheaper than an electrical storage hot water system.



LOW NOISE

Low Noise – very low noise level, at 46 Decibels, the quietest Monobloc on the Australian market.



MICRO CHANNEL

Micro Channel condenser – larger contact area improves heat transfer by 31%



HIGH EFFICIENCY

High Efficiency – 71% cheaper to run than a conventional water heater.



ANTI FREEZE

Active Defrost System – will never turn into a block of ice in low ambient temperatures. Operates down to -7°C using no element.



SMART BOOST

One Shot Boost – the element and heat pump work in unison for fast heat up, then reverts to ECO mode.



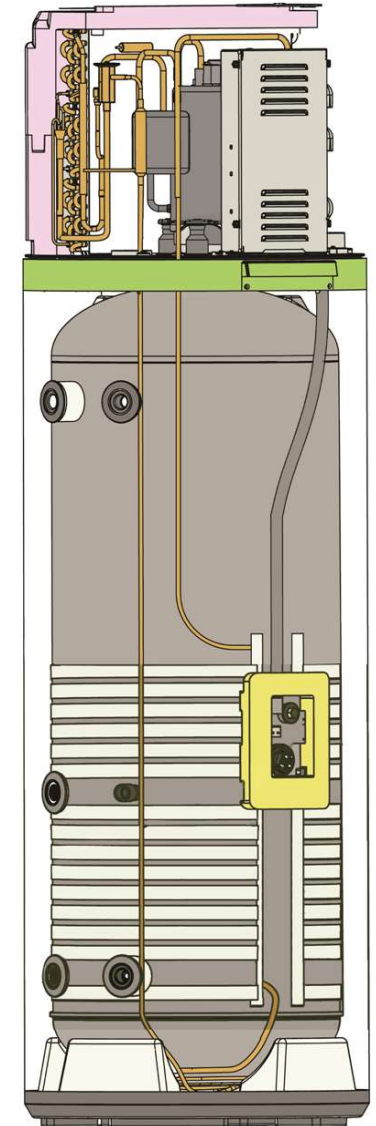
SMART VACATION

Vacation Mode – one button puts the unit to sleep when on vacation. Set a timer to turn the unit on a day before you return.



ECO POWER

Timer Function – can be programmed to turn on and off to maximize solar power use. Second timer can give a short boost to ensure a plentiful hot water supply in the morning.



The Enviroheat heat pump is produced for us by the world's largest appliance manufacturer, Haier owners of brands such as Fisher and Paykel and General Electric (GE Appliances) the system was initially introduced into Europe over a decade ago and has proven durable and very reliable performer even in temperatures as low as -7°C.

Enviroheat is proudly a 100% Australian owned company





Casing

The Quantum system casing is formed from punched thin gauge steel sheet and is susceptible to denting during installation unlike the Enviroheat which is formed from thicker powder-coated galvanized steel. The Enviroheat plastic components are made from UV resistant painted plastic that have undergone accelerated UV resistance testing.

Tank

The Quantum system utilizes a single anode which has some issues in hard water areas. The Enviroheat has 2 anodes as standard which doubles the time between anode changes. Quantum has a 200ltr and 270ltr system, Enviroheat has a 200ltr and 250ltr system.

Refrigeration system

The Quantum system does not have a reversing valve which is used for active defrosting of the evaporator coil in low ambient temperatures and will have issues with icing up. The Enviroheat system has a reversing valve and will operate down to -7°C. The Quantum system uses a mechanical refrigerant expansion device which has limited responsiveness to load changes. The Enviroheat uses an electronic expansion device controlled by the control system, this improves performance and efficiency. The Quantum system uses a copper coil wrapped around the tank which has poor surface contact which limits heat transfer. The Enviroheat uses a micro channel heat exchanger made from a titanium alloy which improves efficiency of heat transfer by 31%.

Installation and Operation

The air crossflow design of the Quantum necessitates a large clearance from side walls to stop short cycling of air. The top discharge airflow design of the Enviroheat allows the system to be installed with minimal clearance on both sides and back.

Warranty

Quantum - 5 years tank, 2 years electrics and refrigeration.
Enviroheat – 5 year REPLACEMENT warranty on tank and refrigeration.

Availability

Quantum is rumoured to be unavailable once stocks are exhausted from Tradelink. Enviroheat is available nationally through dealer network.

Cost and Rebates

Quantum’s wholesale value is significantly above Enviroheat. In zone 3, Quantum has an average of 27.5 STC’s across the range compared to 29 STC’s for the Enviroheat range.





Casing

The top section of the Evo Heat system casing is vacuum formed plastic with no UV coating which tends to suffer from chalking and ultimate failure due to sun damage. The plastic components are made from UV resistant painted plastic that have undergone accelerated UV resistance testing.

Tank

The Evo Heat system utilizes a single anode which has some issues in hard water areas. The Enviroheat has 2 anodes as standard which doubles the time between anode changes. Evo Heat only has a 270ltr system, Enviroheat has a 200ltr and 250ltr system.

Refrigeration system

The Evo Heat system uses a copper coil wrapped around the tank which has poor surface contact which limits heat transfer. The Enviroheat uses a micro channel heat exchanger made from a titanium alloy which improves efficiency of heat transfer by 31%. The Evo Heat system uses a mechanical refrigerant expansion device which has limited responsiveness to load changes. The Enviroheat uses an electronic expansion device controlled by the control system, this improves performance and efficiency.

Installation and Operation

The air crossflow design of the Evo Heat necessitates a large clearance from side walls to stop short cycling of air. The top discharge airflow design of the Enviroheat allows the system to be installed with minimal clearance on both sides and back.

Warranty

Evo Heat - 5 years tank, 2 years electrics and refrigeration.
Enviroheat – 5 year REPLACEMENT warranty on tank and refrigeration.

Availability

Evo Heat has good distribution through The Evo Heat, iStore and Phinx. Enviroheat is available nationally through dealer network.

Cost and Rebates

Evo Heat’s wholesale value is significantly higher than Enviroheat. In zone 3, Evo Heat has an average of 27.5 STC’s across the range compared to 29 STC’s for the Enviroheat range.



STIEBEL ELTRON

Technik zum Wohlfühlen



Casing

The Stiebel system casing is formed from punched thin gauge steel sheet and is susceptible to denting during installation unlike the Enviroheat which is formed from thicker powder-coated galvanized steel. The Enviroheat plastic components are made from UV resistant painted plastic that have undergone accelerated UV resistance testing.

Tank

The Stiebel system utilizes a single anode which has some issues in hard water areas. The Enviroheat has 2 anodes as standard which doubles the time between anode changes. Stiebel only has a 300ltr system, Enviroheat has a 200ltr and 250ltr system.

Refrigeration system

The Stiebel system uses a copper coil wrapped around the tank which has poor surface contact which limits heat transfer. The Enviroheat uses a micro channel heat exchanger made from a titanium alloy which improves efficiency of heat transfer by 31%. The Stiebel system uses a mechanical refrigerant expansion device which has limited responsiveness to load changes. The Stiebel system does not come standard with a timer function or auxiliary element, the Enviroheat comes standard with these features.

Installation and Operation

The air crossflow design of the Stiebel necessitates a large clearance from side walls to stop short cycling of air. The top discharge airflow design of the Enviroheat allows the system to be installed with minimal clearance on both sides and back.

Warranty

Stiebel - 5 years tank, 2 years electrics and refrigeration.

Enviroheat – 5 year full REPLACEMENT warranty on tank and refrigeration.

Availability

Stiebel has good distribution through plumbing merchants. Enviroheat is available nationally through dealer network.

Cost and Rebates

Stiebel's wholesale value is significantly higher than Enviroheat. In zone 3, Stiebel has an average of 28 STC's across the range compared to 29 STC's for the Enviroheat range.

Ownership

Stiebel Eltron is foreign owned

Enviroheat is 100% Australian owned





Casing

The plastic components of the Midea system casing are unpainted injection moulded plastic with no UV coating which tends to suffer from chalking and ultimate failure due to sun damage. The Enviroheat systems plastic components are made from UV resistant painted plastic that have undergone accelerated UV resistance testing. The control panel on the Midea system suffers from sun damage. The Enviroheat system has a sturdy extruded aluminium cover.

Tank

The Midea system utilizes a single anode which has some issues in hard water areas. The Enviroheat has 2 anodes as standard which doubles the time between anode changes. Midea has a 170ltr and 280ltr system, Enviroheat has a 200ltr and 250ltr system.

Refrigeration system

The Midea system uses a copper coil wrapped around the tank which has poor surface contact which limits heat transfer. The Enviroheat uses a micro channel heat exchanger made from a titanium alloy which improves efficiency of heat transfer by 31%.

Installation and Operation

The air crossflow design of the Midea necessitates a large clearance from side walls to stop short cycling of air. The top discharge airflow design of the Enviroheat allows the system to be installed with minimal clearance on both sides and back.

Warranty

Midea- 5 years tank, 3 years refrigeration.

Enviroheat – 5 year REPLACEMENT warranty on tank and refrigeration.

Availability

Midea has good distribution through dealers, Bunnings and direct sales through Chromagen. Enviroheat is available nationally through dealer network.

Cost and Rebates

Midea's wholesale value is comparable with Enviroheat. In zone 3, Midea has an average of 29 STC's across the range compared to 29 STC's for the Enviroheat range.

Ownership

Midea is foreign owned

Enviroheat is 100% Australian owned

