









Modern & Stylish

Highly Efficient

Easy to Use Controls Built in Frost Protection

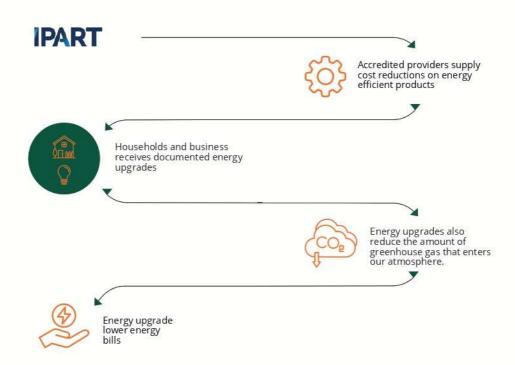
Securing a clean energy future



# What is ESS Program



The NSW Energy Saving Scheme (ESS) program helps NSW residents and businesses reduce their energy bills and greenhouse gas emissions by providing access to discounted energy-efficient products and services.



#### Installation by qualified installers

SSE is proud to have a big network of local qualified installers. Our installers have flexible working hours which ensures that you face minimal disturbance during the installation process.

#### ESS approved brands

We ensure that our qualified installers install ESS scheme-approved products, which are cost-saving and energy-efficient. If you are eligible under the ESS program, the products are free of cost most of the time (subject to meeting the free products eligibility criteria)

### Smart Technology

Heat pumps utilize an ingenious technology to efficiently transfer thermal energy directly from the surrounding air and into the water, and so do not rely on direct sun or fossil fuels to provide an energy source.

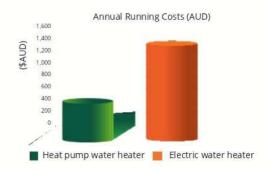
#### Did you know?

A heat pump is like an energy multiplier. From 1 kW of power input, it can create over 4 kWs of output heat2. That's a performance efficiency of a remarkable 400%. Where as conventional electric storage water heaters can only convert 1 kW of input power into a maximum of 1 kW of output heat.

## **Energy Efficiency**

Did you know?

Water heating accounts for nearly a quarter of the energy use and greenhouse gas emissions in the average Australian home.



\*Estimation based on HP215 (RSJ-23/300RDN3-B) STC's in Zone 3 under medium load, obtained from independent laboratory test results and followed by TRNSYS modelling and a retail electricity cost of \$0.30c per kWh.

## How It Works?









Wide Operating Range Operates at temperature ranges of -07°C & +40°C.



Tank-Wrapped Condenser Coil For efficient heat transfer & preventing water contamination



Auto Disinfection Periodically heating the water beyond its set temp to prevent the growth of bacteria and legionella



Low Operating Noise Operating at a very low 48/49 dBA you will hardly know it's there!

# **Product Specification**

# 215 Litres



Refrigerant type	R410a
Mass volume	1280g
Running ambient air temp	-7~+40°C
Setting Outlet water temp	35-60°C (1°C step)
Product weight	36kg
Tank weight	70kg
Thermal capacity	3500W
Average input power	786W
COP	
Max power input	4.45
Circuit Breaker Size	1250W
Design Pressure	5.43
(High/Low) Protection	4.4/0.6MPa
Raining Class Rated	IPX4
Pressure	500kPa
PTR Valve	850kPa

# We're On a Mission,

# To Save the Planet



**Sunrise Saves Energy** aims to reduce carbon emissions across Australia by assisting residential and commercial customers through various methods such as upgrading inefficient lighting upgrades, installing Heat Pumps, installing In-Home Display (IHD), Space Heating, and Solar PV & battery systems under various Government approved incentives.

We take pride in our efforts to reduce carbon emissions. Our wide range of innovative, energy-efficient solutions is designed ground-up in Australia to help residential and commercial properties make the most of their energy consumption while being compliant with the ESS program. With more than 10,000+ satisfied customers, we have installed more than 50,000 energy-efficient products whilst reducing 100,000+ Tons of Carbon in Australia.

Moreover, Sunrise Saves Energy is proud of the communities we are part of, and we are committed to creating hundreds of jobs on the path to a brighter, cleaner, and greener future. We have a well-defined work process implementation that develops integrity, openness, and trust. Let's help each other in securing a clean energy future.

# Join our vision for Sustainable & Renewable energy



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