

Rinnai



Enviroflo S

7kW Split Electric Heat Pump



Rinnai's Enviroflo S Split Electric Heat Pump

The Rinnai Enviroflo S Split Electric Heat Pump offers efficient and reliable hot water solutions for Australian homes. Available in 250L, 315L and 400L capacities, it caters to various household sizes and hot water demands. With a powerful 7.0kW heat pump, it ensures consistent hot water supply even during peak usage or colder weather conditions.

Utilising advanced heat pump technology, the Enviroflo S delivers high energy efficiency, reducing electricity consumption and lowering energy bills. Designed for residential and light commercial applications, the system operates quietly, ensuring minimal noise disruption. Built to withstand Australia's harsh climate, the Enviroflo S is constructed with high-quality materials to ensure long-lasting performance.

The split system design separates the heat pump from the storage tank, allowing for flexible installation options, accommodating various site requirements and configurations, and simplifies maintenance. The system uses R290, a sustainable refrigerant, with low GWP (Global Warming Potential) aligning with environmental standards and reducing greenhouse gas emissions. Capable of handling water pressures up to 1000kPa, it ensures robust performance across different water supply systems.

The Enviroflo S Split Electric Heat Pump is an ideal choice for homeowners seeking a reliable, energy-efficient, and environmentally friendly hot water solution.



Energy efficient



Environmentally sustainable with natural R290 refrigerant



Available in 250L, 315L and 400L capacities



Quiet operation down to 45dB(A)





Features and Benefits

Design & Installation



Multiple Capacities

Available in 250L, 315L & 400L capacities to suit your hot water needs.



Quiet Operation

Operates quietly down to a low 45dB(A), quieter than the average noise level of a household dishwasher.



Choice

Standard and hard water anode water tank options available.



Locally Made

The Enviroflo S tanks are proudly designed, engineered and built in Australia.

Performance & Efficiency



Energy Efficient

Using up to 70% less energy to heat your water than a standard electric storage tank.*



Reliable

Inbuilt electric boost element to ensure you always have a reliable supply of hot water.



Versatile

Multiple operating modes (Standard/ECO/Hybrid/Electric/Vacation).



Off-Peak Compatible

Option to run only at off-peak times, when the electricity cost is lower.

Sustainability



Environmentally Focused

High efficiency R290 refrigerant with a low GWP of just 0.02.



PV Compatible

Can be networked with solar PV for enhanced efficiency and savings.

Technology & Control



Built in Wi-Fi

The built in Wi-Fi module allows for convenient control from anywhere.



Auto Disinfection

Auto disinfection preventing the potential growth of legionella.



Automated

Auto restart function means in the event of a power outage it will automatically restart once the power is re-instated.

Climate Readiness



Adaptable for All Climates

Operates in ambient air conditions ranging from -10°C to 45°C.












Defrost Control

Built-in anti-frost function to protect the evaporator in colder climates.

*Energy saving based on a Rinnai Enviroflo S Split Electric Heat Pump (7.0kW) when compared to a standard electric water heater of the same capacity during peak winter load in Zone 3 and 4 based on AS/NZS4234. Savings will vary depending on location (Zone 1-5), type of water heater being replaced, hot water consumption and associated fuel tariffs.

Technical Information

| Model | Volume | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Sizing Guide |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| HPTB250VM24 HPTB250VM24H | 250L | 1477 | 674 | 605 | 1248 | 332 | 210 | 593 |  Up to 5 People  2 Bathrooms  4 Bedrooms |
| HPTB315VM24 HPTB315VM24H | 315L | 1770 | 674 | 605 | 1541 | 332 | 210 | 754 |  Up to 6 People  3 Bathrooms  5 Bedrooms |
| HPTB400VM24 HPTB400VM24H | 400L | 1840 | 744 | 675 | 1587 | 359 | 237 | 793 |  Up to 8 People  3.5 Bathrooms  5 Bedrooms |

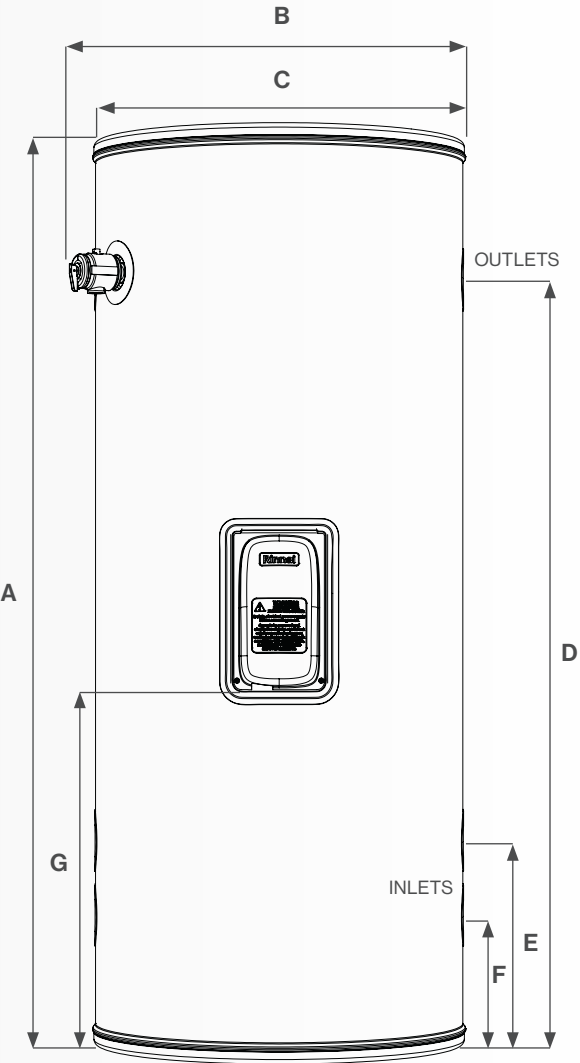
H = A tank with a hard water anode

Tank Specifications

| Product Code | HPTB250VM24 HPTB250VM24H | HPTB315VM24 HPTB315VM24H | HPTB400VM24 HPTB400VM24H |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Heat Pump | SHPL70 | SHPL70 | SHPL70 |
| Storage Capacities | 250L | 315L | 400L |
| Element | 2.4kW | 2.4kW | 2.4kW |
| Package Weight | 70kg | 82kg | 96kg |
| PTR Valve | 1000 kPa | | |
| ECV | 850 kPa | | |
| Max Inlet Pressure with ECV | 680 kPa | | |
| PLV with ECV | 500 kPa | | |
| Max Inlet Pressure without ECV | 800 kPa | | |
| PLV without ECV | 500 kPa | | |
| IP Rating | IPX4 | | |
| Tank Colour | Dune | | |
| Water Connection | Rp 3/4 (20mm) | | |

Heat Pump Specifications

| Model | Enviroflo S 7.0 |
|---|------------------|
| Product Code | SHPL70 |
| Storage Capacities | 250 / 315 / 400L |
| Heating Capacity | 7.0kW |
| Back-Up Element | 2.4kW |
| Operating Ambient Range | -10 to 45 °C |
| Refrigerant | R290 |
| Sound Level | 45-52 dB(A) |
| PTR Valve Setting | 1000kPa |
| Height | 690mm |
| Width | 1047mm |
| Depth | 375mm |
| Weight | 66kg |
| IP Rating | IPX4 |
| Coefficient Of Performance (COP) (32°C Ambient, 18°C Cold Water Inlet) | 9.2 |



How Our Split Heat Pumps Work



The Rinnai Enviroflo S uses advanced heat pump technology to heat your water using energy from the air, not direct electricity. This makes it a highly efficient, low-emission solution for everyday hot water use.

Here's how the system works:

1. Air is Drawn In

A quiet efficient DC fan draws in ambient air across the evaporator coil in the external compressor unit. Even in cool conditions, the system can extract usable heat from the air.

2. Heat is Captured

The evaporator transfers thermal energy from the air into the refrigerant, which turns into a warm gas as it absorbs heat.

3. Compressor Boosts the Heat

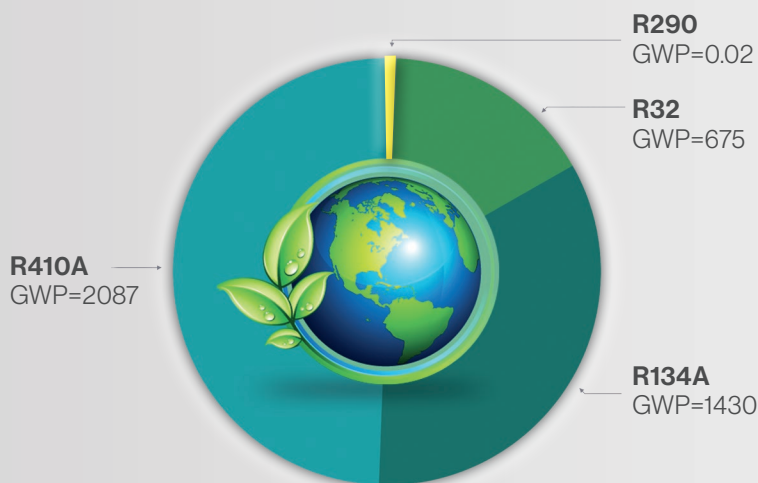
The refrigerant gas is compressed, rapidly increasing its temperature. This is the core of the heating cycle, converting low-level heat into usable energy.

4. Transfers Heat to the Water

The hot refrigerant flows through a double wall heat exchanger located inside the heat pump, where it safely transfers its heat to the water.

R290 Refrigerant

This sustainable and non-toxic refrigerant has a zero Ozone Depletion Potential (ODP) and a GWP of just 0.02, which is 50 times less than CO₂. As such, it easily outperforms other heat pumps that typically use refrigerants with high GWP values.



Warranty

| | | Cylinder* | Compressor * | Parts * |
|----------------|--------|-----------|--------------|---------|
| Domestic Use | Parts | 10 Years | 5 Years | 1Year |
| | Labour | 5 Years | 5 Years | |
| Commercial Use | Parts | 1 Year | 1 Year | |
| | Labour | | | |

*For full terms & conditions visit www.rinnai.com.au

We're at your service

The National Customer Care Centre provides first class service and maintenance of your system, ensuring it's running at its highest efficiency - so you can enjoy the Rinnai experience for many years to come.

Operating 5 days a week (Monday to Friday)

1300 555 545

Government Grants



Federal Small-Scale Technology Certificate (STCs)

Enviroflo’s innovative design allows it to be eligible for Grants through the Federal Government’s Small-Scale Renewable Energy Scheme, generously covering a proportion of the up-front costs of purchasing and installing the system. These grants are called Small-Scale Technology Certificates (STCs) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location, see the map above for your geographic zone locations.

Government Grants

| Certified System Code | STCs from Jan 1 st to Dec 31 st 2025 | | | | | STCs from Jan 1 st to Dec 31 st 2026 | | | | |
|-----------------------|--|--------|--------|--------|--------|--|--------|--------|--------|--------|
| | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 |
| Heat Pump | | | | | | | | | | |
| KSHP250M24L70 | 15 | 15 | 18 | 20 | 19 | 13 | 12 | 15 | 17 | 16 |
| KSHP250M24L70H | 15 | 15 | 18 | 20 | 19 | 13 | 12 | 15 | 17 | 16 |
| KSHP315M24L70 | 15 | 15 | 18 | 19 | 19 | 13 | 12 | 15 | 16 | 16 |
| KSHP315M24L70H | 15 | 15 | 18 | 19 | 19 | 13 | 12 | 15 | 16 | 16 |
| KSHP400M24L70 | 15 | 15 | 18 | 19 | 19 | 13 | 12 | 15 | 16 | 16 |
| KSHP400M24L70H | 15 | 15 | 18 | 19 | 19 | 13 | 12 | 15 | 16 | 16 |

Victoria

For Victorian consumers there are additional rebates available for replacing inefficient hot water systems with Heat Pumps. Victorian Energy Efficiency Certificates (VEECs) are offered for eligible installations on top of the Federal STC grants - making the conversion to a Rinnai Enviroflo S Split Electric Heat Pump the obvious low-cost choice.

New South Wales

For New South Wales consumers there are additional rebates available for replacing inefficient hot water systems with Heat Pumps. Energy Savings Certificates (ESCs) are offered for eligible installations on top of the Federal STC grants - making the conversion to a Enviroflo S Split Electric Heat Pump the obvious low-cost choice.

*The value of STCs and State Grants are a tradable, market driven commodity. Values are subject to daily variation and are valid as of 25.06.2025

Ordering Guide

| Order/System Code | Heat Pump Code | Tank Code | Tank Volume |
|------------------------|----------------|--------------|-------------|
| Standard Anode | | | |
| KSHP250M24L70 | SHPL70 | HPTB250VM24 | 250L |
| KSHP315M24L70 | SHPL70 | HPTB315VM24 | 315L |
| KSHP400M24L70 | SHPL70 | HPTB400VM24 | 400L |
| Hardwater Anode | | | |
| KSHP250M24L70H | SHPL70 | HPTB250VM24H | 250L |
| KSHP315M24L70H | SHPL70 | HPTB315VM24H | 315L |
| KSHP400M24L70H | SHPL70 | HPTB400VM24H | 400L |

Rinnai Australia Pty Ltd

ABN 74 005 138 769

100 Atlantic Drive,
Keysborough, Victoria 3173

For further information
call 1300 555 545 or visit
rinnai.com.au

TOTAL HOME COMFORT


HOT WATER


HEATING


COOLING

