

# Rinnai



## Enviroflo S

7kW Split Electric Heat Pump



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The Rinnai Enviroflo S 7kW 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 7kW Split Electric Heat Pump 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 7kW Split Electric Heat Pump 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 7kW Split Electric Heat Pump is an ideal choice for homeowners seeking a reliable, energy-efficient, and environmentally sustainable 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 and 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 Tanks

The Enviroflo S 7kW Split Electric Heat Pump 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 Sustainable

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.



### Automated

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



### Auto Disinfection

Auto disinfection preventing the potential growth of legionella.

## 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.

# 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

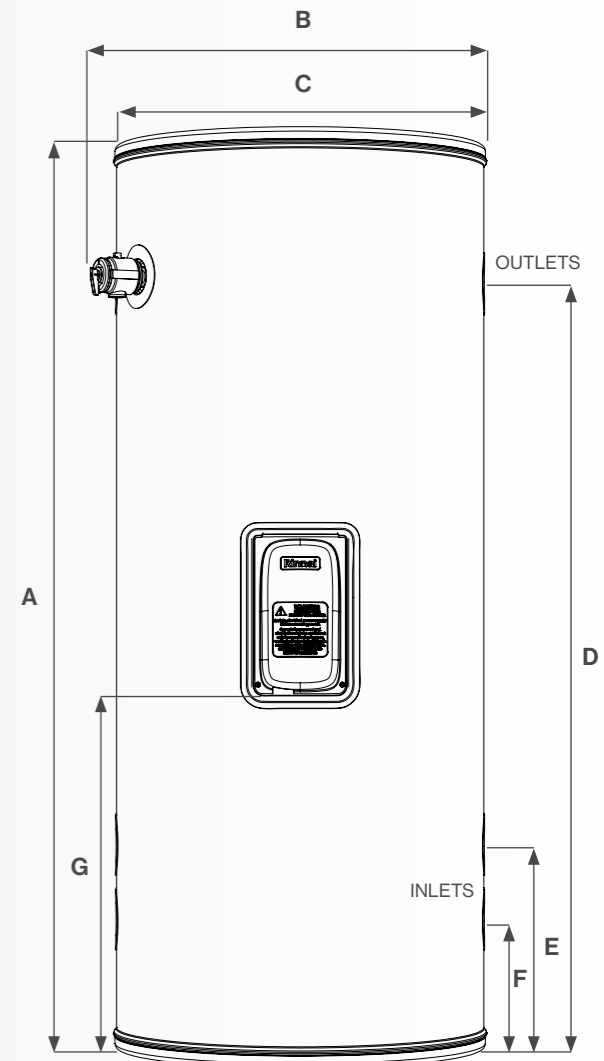
H = A tank with a hard water anode

## 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 7kW Split Electric Heat Pump
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



\*Energy saving based on a Rinnai Enviroflo S 7kW Split Heat Pump 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.

# How Our Split Heat Pumps Work



The Rinnai Enviroflo S 7kW Split Electric Heat Pump 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.

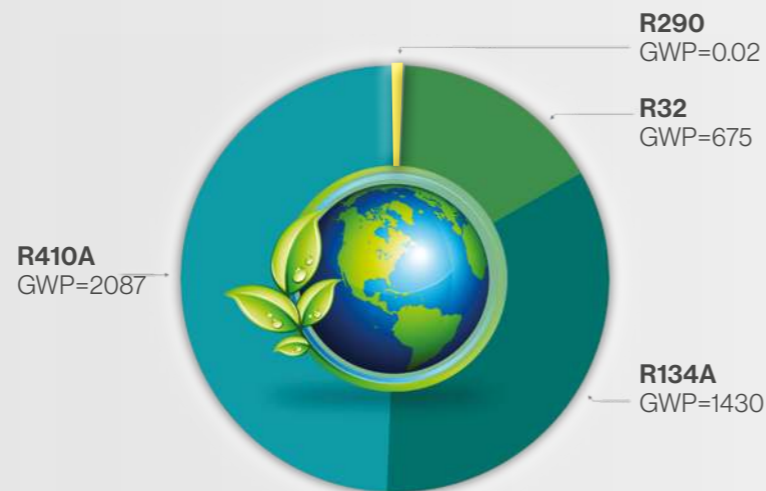
## 4. Transfers Heat to the Water

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	1 Year
	Labour	5 Years	5 Years	
Commercial Use	Parts	1 Year	1 Year	
	Labour			

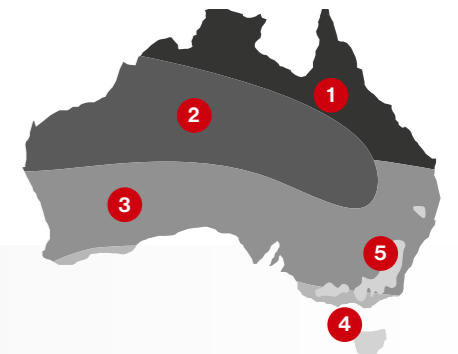
\*For full details visit [www.rinnai.com.au](http://www.rinnai.com.au)

## 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, 8.00am to 5.00pm AEST).  
13 43 73

# 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 <sup>st</sup> to Dec 31 <sup>st</sup> 2025					STCs from Jan 1 <sup>st</sup> to Dec 31 <sup>st</sup> 2026				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>Heat Pump</b>										
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 7kW 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 an Enviroflo S 7kW 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
<b>Standard Anode</b>			
KSHP250M24L70	SHPL70	HPTB250VM24	250L
KSHP315M24L70	SHPL70	HPTB315VM24	315L
KSHP400M24L70	SHPL70	HPTB400VM24	400L
<b>Hardwater Anode</b>			
KSHP250M24L70H	SHPL70	HPTB250VM24H	250L
KSHP315M24L70H	SHPL70	HPTB315VM24H	315L
KSHP400M24L70H	SHPL70	HPTB400VM24H	400L

## Rinnai Australia Pty Ltd

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For further information  
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[rinnai.com.au](http://rinnai.com.au)

### TOTAL HOME COMFORT



HOT WATER



HEATING



COOLING

# Rinnai