

Rinnai



Enviroflo S

5kW Split Electric Heat Pump



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The Rinnai Enviroflo S 5kW Split Electric Heat Pump delivers reliable, energy-efficient hot water for Australian homes. Featuring a Japanese-made 5kW heat pump and Australian-made storage tanks, it's built to perform with long-lasting durability and efficiency.

Available in 250L and 315L capacities, the Enviroflo S 5kW Split Electric Heat Pump is designed to meet a range of household sizes and hot water demands. The split system design separates the heat pump from the storage tank, offering flexible installation options that suit a variety of site layouts and simplify maintenance.

Using R32 refrigerant, the system achieves excellent energy efficiency while aligning with modern environmental standards.

It also operates quietly and handles water pressures up to 1000kPa, ensuring dependable performance across different plumbing systems.

Constructed with high-quality materials to withstand demanding conditions, the Enviroflo S 5kW Split Electric Heat Pump is a smart and sustainable choice — blending Japanese innovation with locally made quality to deliver an ideal hot water solution for Australian households.



Energy efficient



Low emissions R32 refrigerant



Available in 250L & 315L capacities



Quiet operation down to 45dB(A)



At Rinnai, we're all about comfort

For over 50 years, Rinnai has supplied Australian homes with a range of appliances that help people lead comfortable, safe and efficient lifestyles.

Being driven to create comfort means that we really care about our products and your experience from start to finish. We're focused on developing products with the latest technology and our level of quality is second-to-none, so you can rest assured knowing Rinnai will deliver.

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).

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Features and Benefits

Design & Installation



Choice
Standard and hard water anode water tank options available.



Multiple Capacities
Available in 250L and 315L 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.



Powered By Quality
Our Enviroflo S 5kW Split Electric Heat Pump tanks are designed and built right here in Australia, paired with a high-quality Japanese-made heat pump you can rely on for lasting performance.



Compact Design
With its small footprint, our heat pump fits neatly into tight spaces, making it ideal for homes with limited installation areas without compromising on performance.

Performance & Efficiency



Energy Efficient
Using up to 75% 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 (Heat Pump/Economy/Hybrid/Element/Boost/Vacation).



Stratified Hot Water Storage
Our advanced stratified storage technology delivers hot water more quickly and continuously, reducing the chance of running out when you need it most.

Sustainability



Environmentally Sustainable
R32 refrigerant, known for its high energy efficiency and lower Global Warming Potential (GWP) than older refrigerants.

Technology & Control



Built in Wi-Fi
The built in Wi-Fi module allows for convenient control from anywhere with the Rinnai Link App.



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 5kW 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.

Technical Information

Model	Volume	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Sizing Guide
HPTS250VM24 HPTS250VM24H	250L	1477	674	605	1248	1126	210	593	Up to 5 People 2 Bathrooms 4 Bedrooms
HPTS315VM24 HPTS315VM24H	315L	1770	674	605	1541	1419	210	754	Up to 6 People 3 Bathrooms 5 Bedrooms

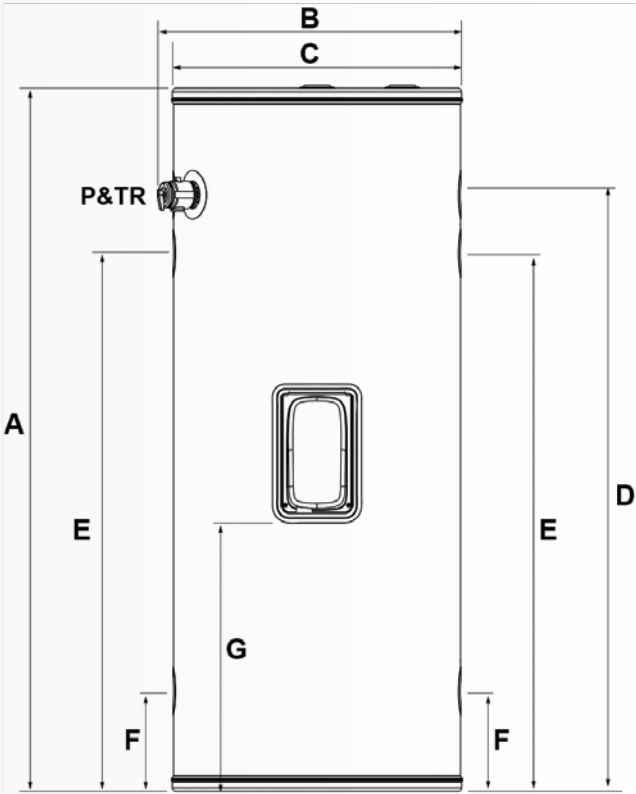
Heat Pump Specifications

Model	Enviroflo S 5kW Split Electric Heat Pump
Product Code	SHPR50
Storage Capacities	250 / 315L
Heating Capacity	5.0kW
Back-Up Element	2.4kW
Operating Ambient Range	-10 to 45 °C
Refrigerant	R32
Sound Level	45-48 dB(A)
PTR Valve Setting	1000kPa
Height	675mm
Width	755.5mm
Depth	250mm
Weight	28kg (empty) / 34kg (filled)
IP Rating	IPX5
Coefficient Of Performance (COP) (32°C Ambient 18°C cold water inlet):	5.5

Tank Specifications

Product Code	HPTS250VM24 HPTS250VM24H	HPTS315VM24 HPTS315VM24H
Heat Pump	SHPR50	SHPR50
Storage Capacities	250L	315L
Element	2.4kW	2.4kW
Package Weight	70kg	82kg
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)	

H = A tank with a hard water anode



How Our Split Heat Pumps Work



The Rinnai Enviroflo S 5kW 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 fully welded copper wound exchanger located inside the heat pump, where it safely transfers its heat to the water.



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			

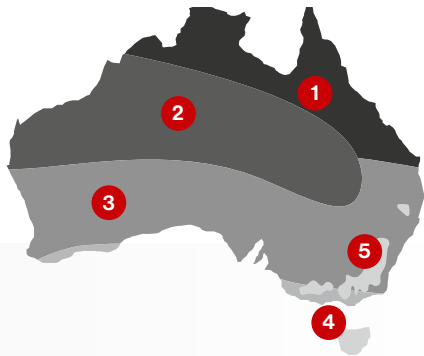
*For full details visit www.rinnai.com.au

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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										
KSHP250M24R50	15	16	19	20	20	13	13	16	17	17
KSHP250M24R50H	15	16	19	20	20	13	13	16	17	17
KSHP315M24R50	15	16	19	20	20	13	13	16	17	17
KSHP315M24R50H	15	16	19	20	20	13	13	16	17	17

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 5kW 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 5kW 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			
KSHP250M24R50	SHPR50	HPTS250VM24	250L
KSHP315M24R50	SHPR50	HPTS315VM24	315L
Hardwater Anode			
KSHP250M24R50H	SHPR50	HPTS250VM24H	250L
KSHP315M24R50H	SHPR50	HPTS315VM24H	315L

	Order Code	Description
Accessory	SHP5WCB	Weatherproof SHPR50 Controller Box

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

TOTAL HOME COMFORT


HOT WATER


HEATING


COOLING

