

# Rinnai



## Enviroflo A Series

Energy Efficient Heat Pump



# Features and Benefits



## Energy Efficient

Innovative controller to maximise hot water availability while using more than 70% less energy.



## Reliable

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



## Auto Disinfection

Built in auto disinfection function to prevent the potential growth of legionella.



## Tough

850 kPa maximum water pressure rating.



## Versatile

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



## Convenient Wi-Fi Timer

Wi-Fi timer function to optimise running costs.



## Adaptable for All Climates

Ambient air conditions ranging from -7 to 43°C.



## Defrost Control

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



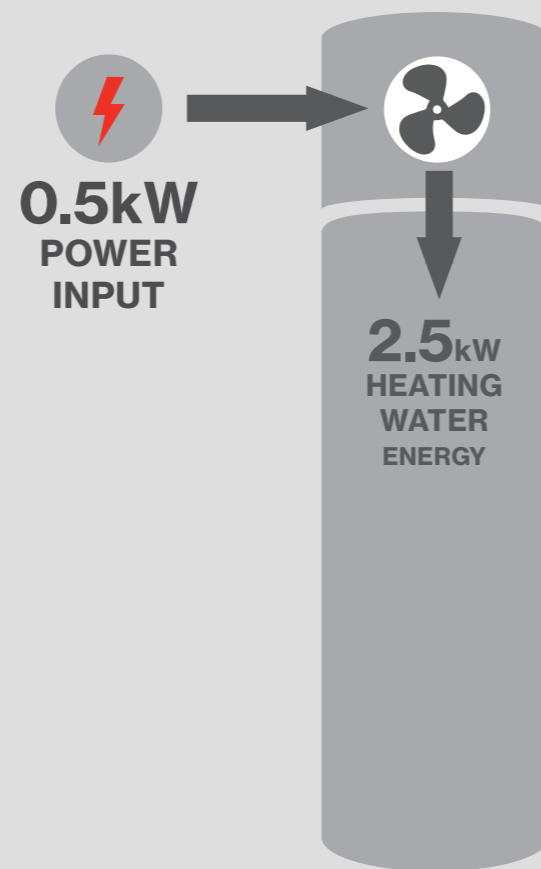
## Automated

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



## Quiet Operations

Quiet operation with integrated low noise design.



# Technical Information

Model	Description	A Diameter (mm)	B Hot Outlet (mm)	C Cold Inlet (mm)	D Height (mm)	Empty Weight (Kgs)	Sizing Guide
EHPT180VM	180L Enviroflo	570	1035	145	1730	100	

Technical Information		Value
Noise		48 dB(A)
Ambient Temperature Limits (for heat pump operation - element will operate beyond these limits)		-7°C - 43°C
Ingress Protection		IPX4
Storage Cylinder - Hot Outlet and Cold inlet Connections		ISO 71 ¾" RP
Storage Cylinder - PTR Valve Connection		ISO 71 ¾" RP
PTR Setting		850 kPa / 30 kW
ECV Fitted	Fit PLV if mains pressure exceeds	680 kPa
	Recommended PLV pressure rating	500 kPa
ECV Not Fitted	Fit PLV if mains pressure exceeds	800 kPa
	Recommended PLV pressure rating	500 kPa
Rated Input Electric Element (Factory Wired)		1.5 kW
Maximum Input Refrigeration Module (Factory Wired)		0.9 kW
Total Maximum Input		2.4 kW
Maximum Energy Output		5.5 kW
Power Supply		220 - 240 V AC, 50Hz
Maximum Current		11 Amps (15 Amp plug fitted)
Refrigerant Type / Mass		R134a / 1kg
COP (32.6°C Ambient 21.1°C cold water inlet)		7.5
Heat Pump heating capacity (32.6°C Ambient 21.1°C cold water inlet)		3.1 kW

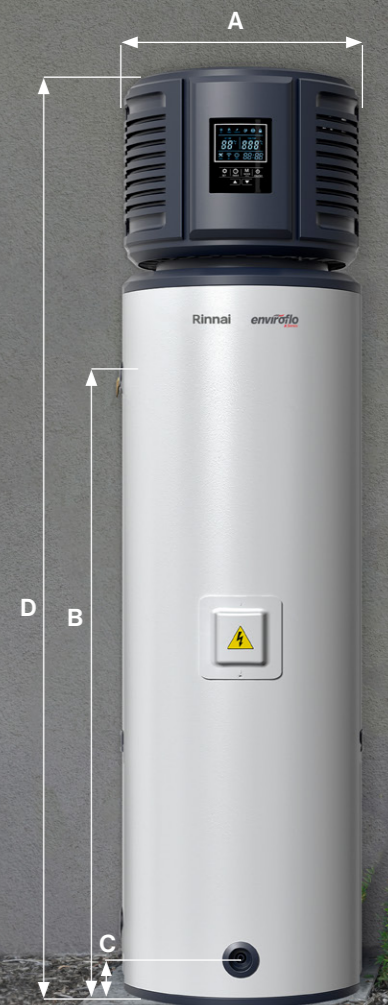
## Warranty

		Cylinder*	Refrigeration Components <sup>(1)</sup>	Other Components <sup>(2)</sup>
Domestic Use	Parts	5 Years	3 Years	1 Year
	Labour	3 Years	1 Year	
Commercial Use	Parts	1 Year	1 Year	1 Year
	Labour			

(1) Refrigeration Components include but are not limited to: compressor, condenser, expansion valve, heat exchanger, evaporator and associated pipe work.

(2) Other Components include but are not limited to: sensors, thermostats, valves, electric heating elements, anodes.

\* Inner Storage Cylinder



# Government Grants



## Federal Small-Scale Technology Certificate (STC's)

Enviroflo's innovative design allows it to be eligible for Grants through the Federal Governments 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 (STC's) 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.

Certified System Code	STCs from Jan 1 <sup>st</sup> 2023 to Dec 31 <sup>st</sup> 2023					STCs from Jan 1 <sup>st</sup> 2024 to Dec 31 <sup>st</sup> 2024				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
<b>Heat Pump</b>										
EHPT180VM	20	19	23	24	24	17	16	20	21	21

## State Grants

### 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 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 Rinnai Enviroflo 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 01/05/2022

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### TOTAL HOME COMFORT



HOT WATER HEATING COOLING

# Rinnai