



# RHEEM MPI SERIES RHEEMPLUS<sup>®</sup> MAINS PRESSURE HEAT PUMP



SOLAR

300%  
EFFICIENT<sup>3</sup>

RATING

2 - 6

PEOPLE

325 L  
and 410 L

CAPACITY

5  
YEAR

WARRANTY<sup>1</sup>



## FEATURES

- **Concealed temperature control valve** – neat installation
- **Factory fitted temperature control valve** – no additional tempering valve required for installation<sup>2</sup>
- **Adjustable temperature control valve** – to allow 50°C water delivery at outlet
- **One person installation** – can be fully installed by plumbing trades
- **Multi-pass heating** – Heats the water by passing the water through the heat exchanger multiple times
- **Constant recovery** – Minimises energy use by heating at a 'constant', optimised rate
- **Energy efficient** – Cuts energy use and greenhouse gas emissions by up to 65%<sup>3,4</sup>
- **No Solar Panels** – No structural load on your roof and looks better too
- **Unique, back-up element** – Provides hot water regardless of the weather
- **LED Display** – Enables you to easily check the operating status of the water heater
- Whisper technology enables quieter operation
- Eligible for STCs, and State and Federal Government Rebates<sup>\*\*</sup>
- 5 Year Warranty<sup>1</sup>



## WHY CHOOSE RHEEM HEAT PUMP?

- Work day and night, as they don't rely on sunlight to operate
- Similar efficiency to traditional electric boosted solar systems
- Frost protected
- Offers a back-up element as standard, delivering hot water, even on the coldest winter nights



COMES ON STEADY, HOT AND STRONG

INSTALL A

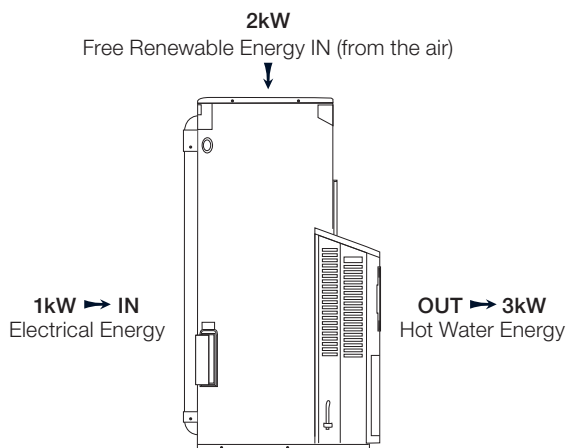




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## HOW IT WORKS

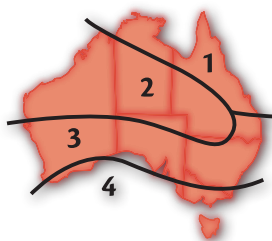
The MPI Series Rheem Heat Pump utilises the latest environmental heating technology to efficiently heat water. Free, renewable heat energy is absorbed and processed through a refrigeration system, resulting in hot water using a third of the energy of an electric water heater. These are similar savings to a solar water heater, but without needing panels mounted on your roof.<sup>3,4</sup>



## UNIQUE BACK-UP ELEMENT

Rheem Heat Pump models have a standard inclusion of a back-up element. Designed to activate only during very cold conditions, this feature ensures you have hot water, at the time you need a hot shower most.

## STCs



Small-scale Technology Certificates (STCs) are a financial incentive to encourage the installation of solar water heaters provided under a Federal Government operated scheme.

This map shows the climate Zones within Australia which will define the number of STCs allocated to an approved solar heat pump.

To claim your STC entitlement, simply complete the STC Assignment form. Visit [www.rheemsolarsavers.com.au](http://www.rheemsolarsavers.com.au) to find out how many STCs apply to Rheem MPI Series Heat Pump by zone and to download the STC Assignment form.

**Other Federal and State Government rebates may also apply.**

<sup>1</sup> **Warranty Conditions.** 5 years cylinder warranty, 3 years labour on cylinder, 2 years on sealed system including labour, 1 year on all other parts and labour. Applies to domestic installations only. Conditions apply. See the Rheem warranty set out in the Owner's Guide & Installation Instructions or view at [www.rheem.com.au/warranty](http://www.rheem.com.au/warranty). Amended warranty may apply where a government rebate has been received for the heat pump water heater. Phone 131 031 for details.

<sup>2</sup> 50°C factory pre-set models supply hot water to a maximum 50°C at all outlets in accordance with AS3498. Some applications may require tempering, refer to AS3500.4.

<sup>3</sup> Energy reduction of up to 65% based on Australian Government Approved TRNSYS simulation and apply when replacing an electric water heater with a Rheem Heat Pump water heater in zone 3.

<sup>4</sup> Rheem MPI-325 Heat Pump water heaters are recommended for connection to either 24 hour continuous tariff or extended off peak (min 16 hours/day). Rheem MPI-410 Heat Pump is recommended for connection to 24 hour continuous tariff. Any financial savings on an electricity account will depend on the tariff arrangement of the water heater being replaced. Maximum financial savings can be achieved only when the tariff for the electric water heater being replaced is 24 hour continuous. Consult your energy provider for more information on tariff details.

<sup>5</sup> MPI410 only recommended for Nth NSW & QLD.

\*Eligibility criteria apply.

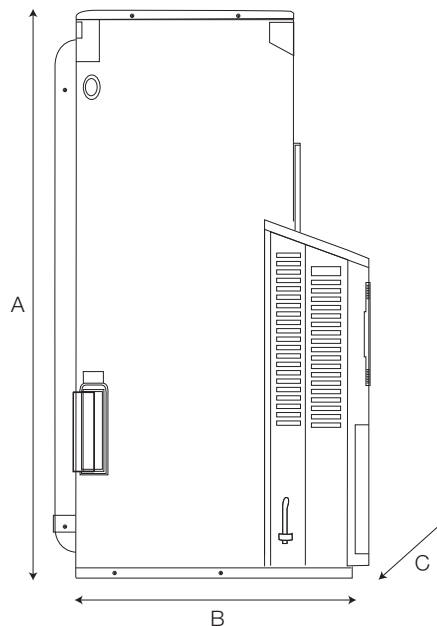
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## MODEL

Model no.	554325	554410 <sup>5</sup>	
Suitable for No. of People (moderate climate)	2 - 5	2 - 6	
<b>Dimensions</b>			
Height (A)	mm	1636	1842
Width (B)	mm	976	1044
Depth (C)	mm	638	686
<b>Weight</b>			
Heat Pump Module	kg	42	42
Tank - Empty	kg	90	112
<b>Technical</b>			
Storage Capacity	L	325	410
Power Input	Watts	800	800
Refrigerant		R134a	R134a
Element Sizes	kW	2.4 or 3.6	2.4 or 3.6
Boost Capacity	L	180	200
<b>Water Connections &amp; Settings</b>			
Inlet	RP	¾/20	¾/20
Outlet	RP	¾/20	¾/20
Tank Relief Valve Setting	kPa	1000	1000
ECV Setting	kPa	850	850
<b>Maximum Mains Pressure Settings</b>			
With ECV	kPa	680	680
Without ECV	kPa	800	800
Min. Water Supply Pressure	kPa	200	200



### Rheem Australia Pty Ltd.

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INSTALL A

