

# **GREE** HEAT PUMPS



## *WHIO Inverter Hot Water Heat Pump*



Find out more at [www.greeac.co.nz](http://www.greeac.co.nz)





# *The Future of Hot Water Heating*

## ***Gree WHIO Hot Water Heat Pump***

Welcome to the future of hot water heating! Our state-of-the-art hot water heat pump is designed to provide you with unparalleled efficiency, reliability, and comfort.

The Gree WHIO Hot Water Heat Pump utilizes R290 environmentally friendly refrigerant, inverter technology and an external microchannel heat exchanger to heat water to 70°C without the need of a booster element.

The water tank comes in two sizes, 200 and 270 liters and these tanks are corrosion protected by crystal titanium enamel in blue and are tested for acid resistance and anti corrosion for 1080 hours.

With heating power of 2.3kW\*, while using just 0.426kW of energy, the Gree Integrated Hot Water Heat Pump offers class leading energy efficiency, and a COP of 5.40.

So, whether you are looking to upgrade your current system or install a new one, the WHIO hot water heat pump is the perfect solution for your home or business.

\*Note: Test conditions, Outdoor ambient 20/15°C (DB/WB), Water temp from 10°C to 55°C.







## Why choose the Gree WHIO Hot Water Heat Pump?

- Energy efficiency – save up to 70% using Gree inverter technology while able to achieve 70°C water.
- State-of-the-art design, inverter technology with a purpose designed compressor, electronic metering controls and solid-state relays and electronic components.
- Multi function operation, Wi-Fi and programmable operation to give the best level of energy efficiency, convenience and safety for your family.
- Durability, built with high quality materials at Gree's new factories in China, the Gree pump is built to last. It's resistant to corrosion and wear, ensuring years of trouble free operation and is backed by Gree NZ's comprehensive 7 Year warranty.
- Easy installation, the Gree WHIO hot water heat pump is designed for quick and hassle-free installation. It must be installed outside, so is perfect for replacing gas califont systems, making it a seamless upgrade.
- Eco-friendly, reduce your carbon footprint with Gree's energy efficient pump. It's designed to minimise environmental impact while maximising performance.



Series Name		WHIO TD200	WHIO TD270
Product Model		GRS-2.3Pd/TD200ANpH-K	GRS-2.3Pd/TD270ANpH-K
Range		Three or four people	Four or five people
Tank Capacity	l	206	270
Compressor Type		Inverter	Inverter
Heating Capacity (Heat Pump)	W	2300	2300
Power Input (Heat Pump)	W	426	426
COP (Heat Pump)	W/W	5.41	5.41
Water Temperature Range	OC	35-70	35-70
Ambient Temperature Range	OC	-7~45	-7~45
Refrigerant / GWP		R290 / 3	R290 / 3
Sound Pressure / Power Level	dB(A)	44 / 54	44 / 54
Diameter / Height	mm	663 / 1643	663 / 1924
Net Weight	kg	97	109
Warranty, Parts & Labour		7 Years	7 Years

### Notes:

- Product conforms to AS3498:2020 and AS/NZS 2712:2007
- Test conditions: Outdoor ambient 20/15°C (DB/WB); Water temperature from 10°C to 55°C
- Water quality shall comply with the local sanitation standard for domestic drinking water

# *Gree WHIO Hot Water Heat Pump*



## ***Gree WHIO Hot Water Heat Pump***

Gree's latest integrated hot water heat pump is the accumulation of 15 years of developing and producing R290 air conditioners and heat pumps.

The Gree WHIO range of hot water heat pumps are inverter driven, offering class leading energy efficiency and a COP of 5.40.

Backed by the team at Gree NZ, we are confident in our products development, performance and build quality that we offer a full 7 years, parts and labor warranty.

Upgrade your hot water system with the best in the industry, For more information and to learn more, contact Gree NZ today.



# Gree WHIO Features

## Intelligent Energy Saving

The use of Gree heat pump inverter technology enables us to save up to 70% of energy usage when compared to a standard hot water system. The Gree WHIO unit also features an intelligent energy saving mode, Sunflower. In the Sunflower mode the unit can select the best time of the day to heat the water to maximise energy efficiency. Energy conservation has improved by up to 10% under the Sunflower mode. Sunflower mode uses AI to select the warmest part of the day to operate.

## R290 Refrigerant

Dedicated use of R290 refrigerant is a long-term solution to global warming and ozone depletion.

R290 is considered a natural refrigerant and has a global warming potential of just 3 with an ozone depletion potential of zero.

R290 has a high energy efficiency and allows for water temperatures of up to 70°C.

## Gree+ Wi-Fi App

The Gree WHIO Hot Water Heat Pump can be connected to the Gree+ Wi-Fi App to realize remote control in mobile application.

## 7-Year Warranty

Gree's comprehensive 7-Year Warranty covers all parts and labour, we proudly stand behind what we make.

## Purpose Designed Compressor

The purpose designed compressor is dedicated to R290 refrigerant. It is smaller in volume, has a highly efficient permanent magnet motor and a diamond like adamas coating on the slider.

## Smart Wired Controller

The unit comes with a smart wired controller in the head of the heat pump. This can be relocated for convenient operation.

This controller also allows you to program in the sterilization function which can heat the water to 70°C to kill bacteria.

## Other Features

Other features include a holiday mode, no point in heating water when you are away, but a full tank of hot water upon arriving home and if water usage increases unexpectedly, there is a boost mode to help with recovery.





Gree are looking to become the world leader in domestic hot water production. They have invested 60 million USD into an intelligent production facility in Wuhu City. This smart factory features automatic production using advance manufacturing technologies, intelligent logistics and information management.

At the heart of the WHIO hot water heat pump are the compressor and the water cylinder.

The new R290 dedicated compressor has been designed and rigorously tested by Gree with an emphasis on high efficiency and low noise motors, high efficiency oil circuits and highly reliable pump design.

The crystal titanium enamel water tank in blue features a 3-layer composite enamel material and has undergone a 1080h acid resisting anti-corrosion test.

The tank has also been tested to 20kg/cm<sup>2</sup> in pressure tests and meets all applicable & standards.



Gree NZ supports  
BirdCare Aotearoa



For Installation and Sales:

For Parts and Warranty:



GREENZWIO-0425