

# Haier

# Monoblock Heat Pump Water Heater

Significantly more efficient than electric water heaters.



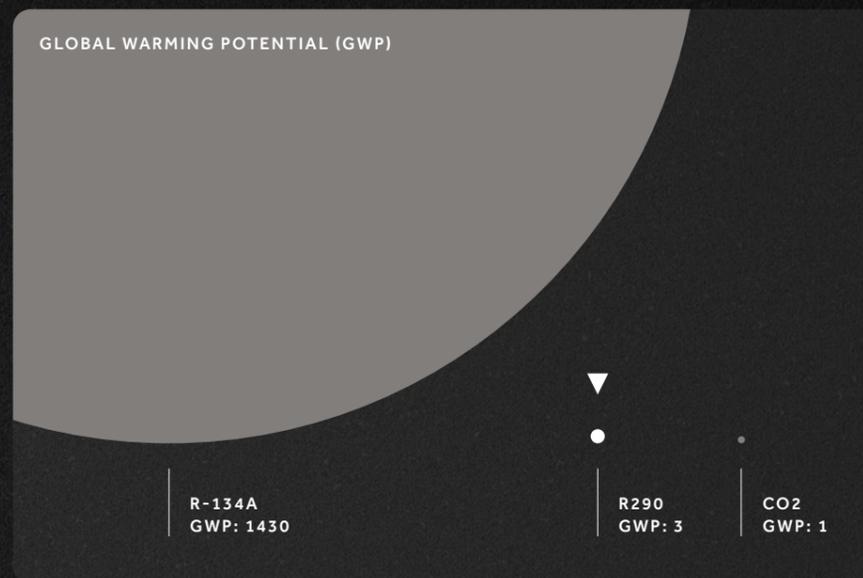
# Key Features Monoblock

200L, 250L



## Respect for the Planet

Highly efficient compared to electric resistance or gas water heaters, complements Solar PV systems, runs only on electricity, and uses the natural refrigerant R290.



## Lower Running Costs

The heat pump technology results in a 70-79% reduction in electricity used to heat the same volume of water compared to an electric-resistance water heater.\*

## Expansive Operating Range

Performance in most New Zealand climates from -7°C to 45°C ambient air temperature.

LOWEST OPERATING RANGE

 -7°C

HIGHEST OPERATING RANGE

 45°C

## Adapts to Your Life

Use the SmarthQ™ app on your smartphone to easily select from five modes to best suit your needs, allowing you to adjust heating to lower-cost periods, minimise energy use when you're on holidays, or prioritise solar energy to reduce grid-supply if you have Solar PV.



\* Energy savings of 70-79% are based on Haier Monoblock 200L and 250L when compared to a standard electric storage water heater in Zones 1 to 5 in AS/NZS4234.

## Respect for the Planet

With lower operating costs compared to electric resistance water heaters, Haier's Heat Pump Water Heaters help reduce how much carbon is generated in heating water for your home. This is achieved by using highly efficient heat pump technology, use of low GWP refrigerant and the ability to run entirely on electricity.



### Reduced Running Costs

The heat pump technology results in a 70-79%\* reduction in electricity used to heat the same volume of water compared to an electric-resistance water heater, which is likely to lower your electricity bill, saving you money every year.

### Low GWP Refrigerant

Our Heat Pump Water Heater uses R290 which has a GWP of 3. Many heat pumps use R134A. R290 has a global warming potential that is 476 times lower than R134A. As many refrigerants are strong greenhouse gases, the use of refrigerants with low global warming potential (GWP) is seen as a way to minimise the effect of refrigeration systems on global warming.

### Eco Mode

Eco mode optimises the benefits of Solar PV and lower cost, time-of-use electricity.

The solar optimisation mode (PV) and time-of use mode (HC) receive a communication signal from an energy management control system (if you have an existing Solar PV system). Alternatively, a timer is used to set heating to the low cost periods of a time-of-use tariff.

### Solar PV Ready

Surplus solar energy generated by your Solar PV system can be stored in the tank.

In PV mode, the Heat Pump Water Heater receives a signal from the Solar PV system, notifying it that generated energy is available to use. It uses the available Solar PV energy to heat water at up to 75 degrees, storing it for later use.

\* Energy savings of 70-79% are based on Haier Monoblock 200L and 250L when compared to a standard electric storage water heater in Zones 1 to 5 in AS/NZS4234.

## Efficient Design

Designed to make installation as simple and familiar as possible. The inner tank has been designed to minimise heat loss, protect from corrosion, and is thoroughly tested for durability.



### Easy Installation

Requires the same installation procedure as an electric storage water heater. If located in the same position, there's minimal need for additional valves or pipe layout changes, making it easy to swap from an electric resistance water heater.



### Longevity

Using patented technology with a triple layer protection creates a long lasting, acid and alkali corrosion resistant inner tank. The inner tank is tested to over 160,000 cycles to ensure durability over the expected lifetime.



### Quiet Operation

With an operating noise level of 43dBA at a distance of 1m, the Haier Heat Pump Water Heater is quiet.

## Connected Home

Built in Wi-Fi module and SmartHQ™ allows control of the appliance from anywhere. Change between five user modes at the tip of your fingers by opening SmartHQ™ on your smartphone.



# Specifications

## Monoblock Heat Pump Water Heater

Model HP200M1-U1



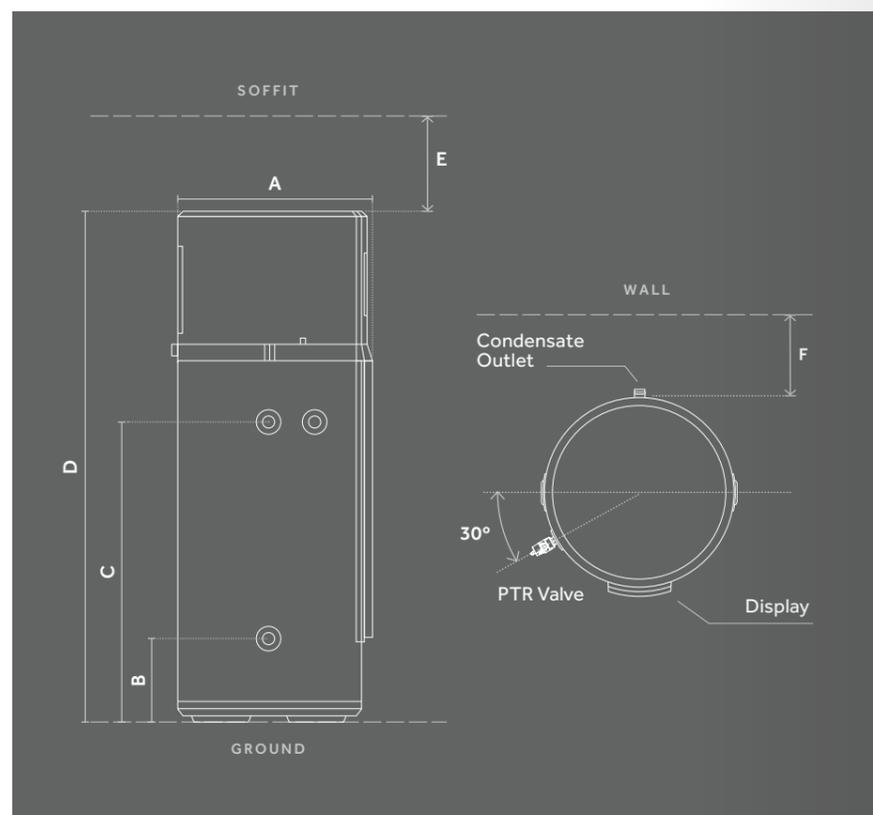
Model HP250M1-U1



## Installation Dimensions and Clearances\*

	HP200M1-U1	HP250M1-U1
A	630	630
B	267	267
C	979	1272
D	1658	1951
E*	300	300
F*	>100	>100

UNITS IN MM



\* Installation Clearances to soffits. Note: This appliance must be installed in a location where it can be quickly and easily drained and moved to a location with 1000mm clearance above the appliance. This is so the anode to be removed for checking and replacing during the 5 yearly service.

Model	HP200M1-U1	HP250M1-U1
<b>Tank</b>		
Total water capacity	195L	246L
Rated voltage/ frequency	220-240V/50Hz	20-240V/50Hz
PTR setting	700kPa	700kPa
Ingress protection	IPX4	IPX4
Hot & cold inlet connections	¾" RP	¾" RP
PTR connection	¾" RP	¾" RP
COP* @ 20°C/15°C	4.49	4.48
Power input of electric element	1.5kW	1.5kW
Rated power input of heat pump	0.43kW	0.43kW
Maximum power input of heat pump	0.75kW	0.75kW
Maximum power input of the appliance	2.25kW	2.25kW
Average heating capacity by heat pump	2.0kW	2.0kW
Default temperature setting	60°C	60°C
Heating range (with element)	35°C – 75°C	35°C – 75°C
Heating range (heat pump only)	35°C – 65°C	35°C – 65°C
Refrigerant type / weight	R290/0.34kg	R290/0.34kg
Noise	43dB(A)	43dB(A)
Ambient temperature range	-7-45°C	-7-45°C

### Dimensions and connections

Product dimensions	600 x 630 x 1658mm	600 x 630 x 1951mm
Product weight (empty)	91kg	106kg

\* Performance (20°C/15°C Ambient air temperature, 15°C - 55°C water temperature)  
 \* The COP was measured under test conditions with an ambient air temperature of 20°C/15°C (Dry Bulb/Wet Bulb) and heating of the water from 15°C to 55°C during water heater operation.  
 \* The noise level was measured at 1 m from the water heater during a Noise Test conducted to Standard GB/T 23137 in a hemi-anechoic chamber within a laboratory

# Warranty

## Warranty

With a warranty of up to 7 years on the cylinder, you have peace of mind.

		Cylinder	Other Components
Domestic Use	Parts	7 Years	5 Years
	Labour	5 Years	5 Years
Commercial Use	Parts	1 Year	1 Year
	Labour	1 Year	1 Year

# Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. As the top global major appliances brand for over a decade, Haier's products are designed to enable better living through innovation\*.

### Year History

FOUNDED IN CHINA  
IN 1984



### Experience

OPERATING IN  
160 COUNTRIES



### Quality

10 R&D CENTRES  
GLOBALLY



### Service

NATIONWIDE  
SUPPORT

## Heating and Cooling Expertise

Haier is the world's largest manufacturer of electric hot water systems. We have been making hot water products since 1986 and during that time have sold over 200 million systems around the globe. Haier has been manufacturing efficient electric heat pump systems since 2010 and have sold over 5 million units during this time.

Founded in China in 1984, Haier has consistently prioritised understanding its customers' unique needs. This customer-centric approach has fueled the development of smart home appliances that blend technological innovation with functionality. Haier's unwavering focus on smart ecosystems has propelled it to the forefront of the industry, making it the world's leading brand of connected air conditioners in 2022 with an impressive market share of over 33% in volume sales\*\*.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Major Appliances category is the sum of dishwashers, home laundry appliances, large cooking appliances, microwaves and refrigeration appliances. Volume sales refers to sales in retail channel, builder merchants and construction channel.  
\*\* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.