

# Hot Water, Efficiently



**Midea**

Hot Water Heat Pumps  
(Split Configuration)



# Make savings appear out of thin air with a Midea heat pump

USES UP TO  
**65%  
LESS  
ENERGY**

Harvest the free energy from our plentiful air to heat your water with the advanced Midea heat pump from Chromagen. This renewable energy water heating technology uses up to 65% less energy than a conventional water heater, whilst providing reliable hot water all day and night.

## Features



### Highly Efficient

Produces significantly more heat energy than the power input; saving on purchased energy



### Tank-Wrapped Condenser Coil

For efficient heat transfer & preventing water contamination



### Auto Disinfection

Periodically heating the water beyond its set temp to prevent the growth of bacteria and legionella



Built in Frost Protection



Wide Operating Range



Low Operating Noise



App Control

## Smart Technology

Heat pumps utilise an ingenious technology to efficiently transfer thermal energy directly from the surrounding air and into the water, and so do not rely on direct sun or fossil fuels to provide an energy source.



### Did you know?

A heat pump is like an energy multiplier. From 1 kW of power input, it can create over 4 kW's of output heat. That's a performance efficiency of a remarkable 400%. Whereas conventional electric storage water heaters can only convert 1kW of input power into a maximum of 1kW of output heat.

## Heat Pump Selection

### Condenser

**HPC026**

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**2.6kW**  
Capacity



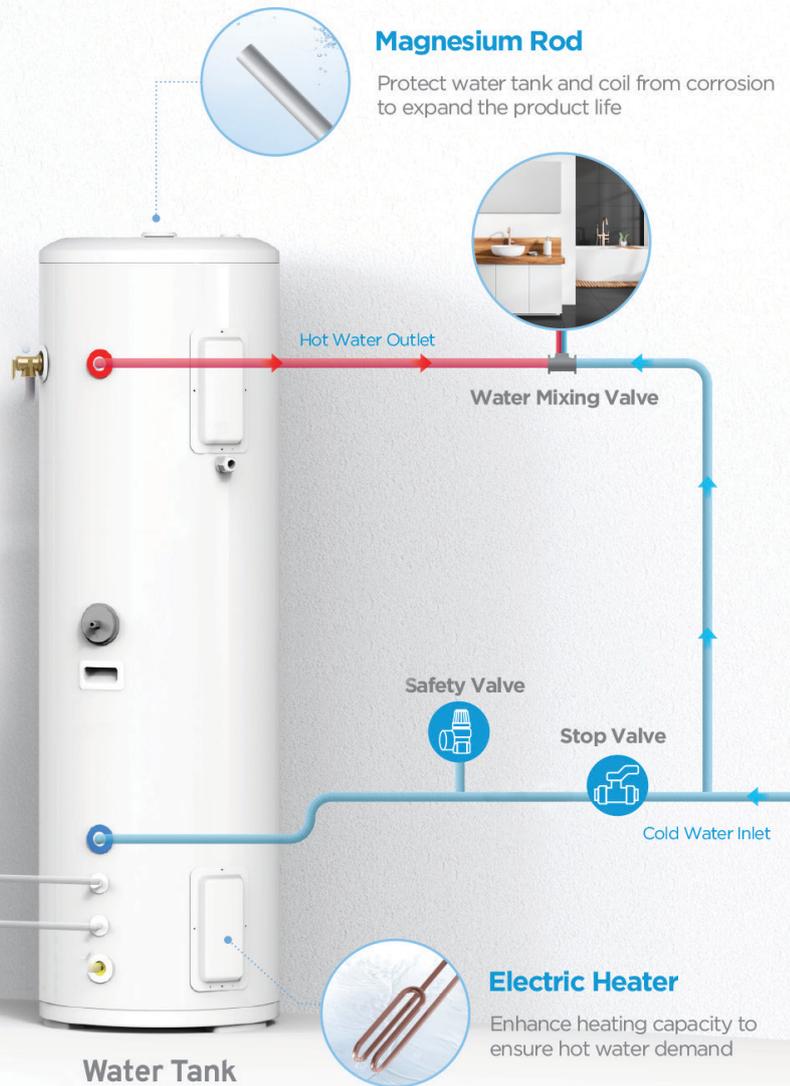
### Water Tanks

<p><b>HPT200S</b></p> <hr style="width: 50%; margin: auto;"/> <p><b>200L</b> Capacity</p> <p><b>1kW</b> Element</p> <p>Suits <b>2-4</b> Persons*</p>		<p><b>HPT300S</b></p> <hr style="width: 50%; margin: auto;"/> <p><b>300L</b> Capacity</p> <p><b>1kW</b> Element</p> <p>Suits <b>4-6</b> Persons*</p>
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To be used as a guide only - based on typical usage of 45 litres of hot water per person throughout the day.

## How it Works

1. A fan draws in air, containing heat energy, across the evaporator of the condenser
2. The evaporator turns the liquid refrigerant into a gas
3. The compressor pressurises the refrigerant into a hot gas
4. The hot gas inside the condenser is pumped to the water tank where it heats the water inside the coil-wrapped tank
5. The refrigerant reverts back to a liquid after heating the water returning to the condenser and continues to the evaporator for the process to start again



Condenser

Water Tank

## Product Specifications

General	Model Number	MHW-F26WN3/ MT-200R26E20	MHW-F26WN3/ MT-300R26E20
	Operating Temperature Range	-15°C - 46°C	
	Max water temperature	60°C	
	Heating Capacity (Heat Pump)	2600W	
	Heating Capacity (Element)	1000W	
	Max. Current	8.7 Amps	
	Outdoor resistance class	IP24	
Refrigerant	Refrigerant Type / Quantity	R134a / 900g	
	Refrigerant Piping	6.35mm / 1/4 inch	
	Gas Side	9.52mm / 3/8 inch	
	Max Refrigerant pipe length	20 metres	
	Max Height difference	10 metres	
Condenser	Product Dimensions (L x W x D)	804 x 327 x 555mm	
	Noise Level (Sound Pressure)	54 dBA	
	Weight	29kg	
	Air Side Heat Exchanger	Hydraulic aluminium fin + inner grooved copper tube	
	Power Supply	220-240 V / 50 Hz / 1 Phase	
	Power Input	1000W	
Tank	Volume	200 Litres	300 Litres
	Cylinder Type	Vitreous Enamel	
	Product Dimensions	Ø505 x 1665mm	Ø580 x 1735mm
	Weight (Empty)	73kg	96kg
	Relief valve pressure (kPa)	1000	1000
	Power Supply	220-240 V / 50 Hz / 1 Phase	

## Residential Warranty

**5 Year**  
Tank Cylinder  
(3 Year Labour)

**3 Year**  
Compressor  
(1 Year Labour)

**1 Year**  
Electronics,  
Parts & Labour



Hot Water Solutions by  
  
**Chromagen**<sup>TM</sup>  
 Solar & Energy Solutions

**chromagen.com.au | 1300 367 565**

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