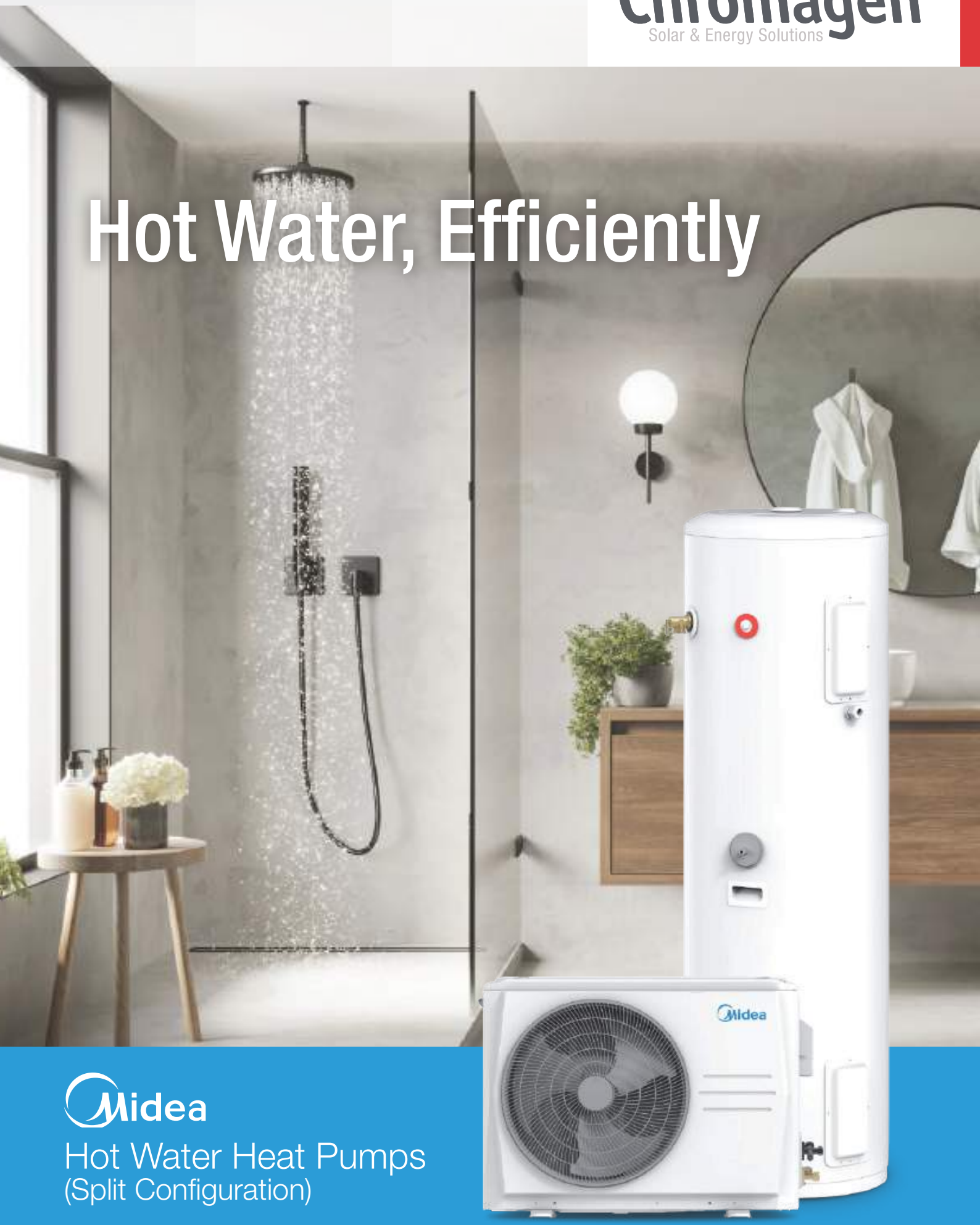
Chromagen™
Solar & Energy Solutions

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

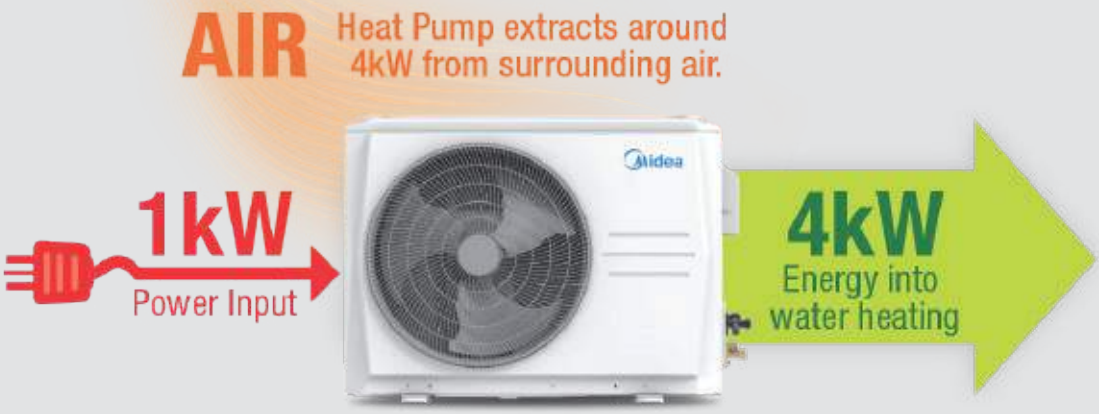
Built in Frost Protection

Wide Operating Range

Low Operating Noise

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%. Where as 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

2.6kW
Capacity

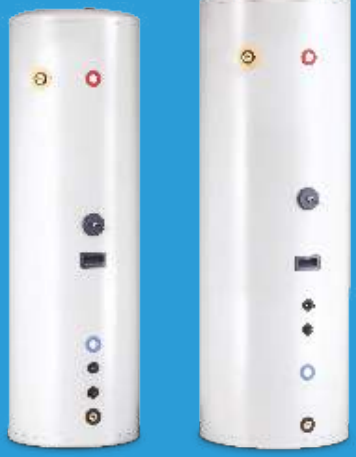
Water Tanks

HPT200S

200L
Capacity

1kW
Element

Suits
2-4
Persons*



HPT300S

300L
Capacity

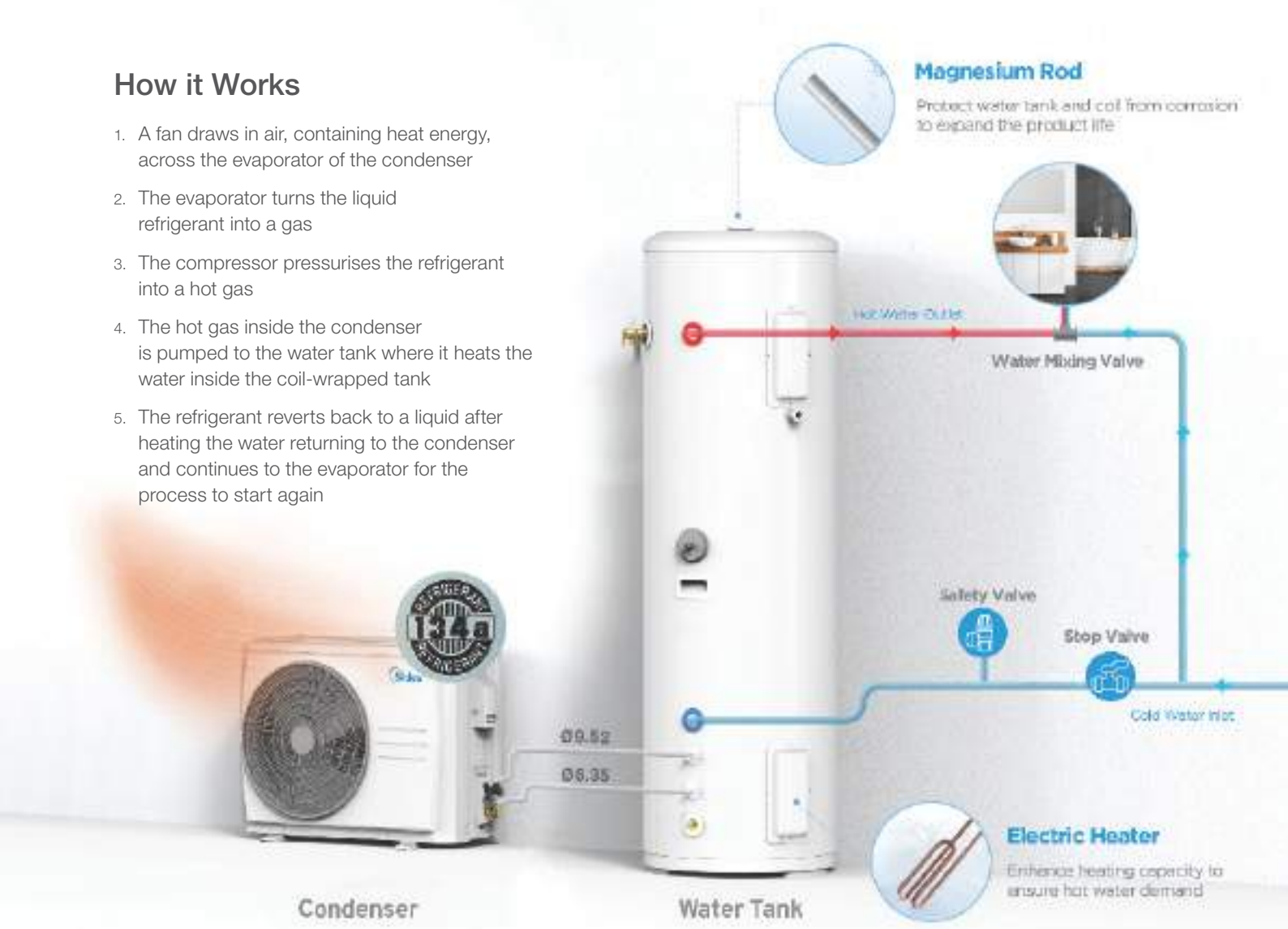
1kW
Element

Suits
4-6
Persons*

To be used as a guide only - based on typical usage of 45 litres of hot water per person thoughout 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



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

Additional warranties apply for Solar Victoria customers, please refer to separate warranty details online at chromagen.com.au/warranty.

WaterMark AS/NZ 3498 Lic. WMKA21792

Certified Product Australian Standard AS/NZS 2712 Lic. SMKP21791

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