



THE  
CHEAPEST  
WAY TO  
HEAT YOUR  
WATER

exceed  
HOT WATER HEAT PUMPS

# YOU'LL GET IN HOT WATER, BUT NOT WITH YOUR POWER COMPANY

!

**INSTALLING  
EXCEED CAN SAVE  
YOU UP TO 66% ON  
YOUR HOT WATER  
HEATING\***

With Exceed's innovative Heat Pump Water Heating system you can say hello to cheap hot water, and goodbye to high power bills.



*\*Savings based on comparison with conventional electric hot water cylinder.*

# CHEAP TO RUN & EASY ON THE ENVIRONMENT

Exceed Heat Pump Water Heaters are the result of a two year development program and are designed to provide efficient water heating in New Zealand's climate conditions.

## WHY CHOOSE AN EXCEED HEAT PUMP WATER HEATER?

Up to 45% of your energy costs annually may be spent on water heating alone. Exceed's design makes it perfect for installation in new and existing homes as it can be connected to most types of water cylinders in good condition. They are recognised by the New Zealand government as being able to assist with our need to conserve energy.

## ENVIRONMENTALLY FRIENDLY

Heat Pump Water Heating is a new technology and is regarded as being the fifth generation of water heating. It surpasses coal, electric, gas and solar water heating. This gives energy savings and protection for our environment, whilst providing stable performance. Exceed Heat Pump Water Heaters are built to comply with Australian and New Zealand standards and are independently tested by an internationally recognised testing laboratory.

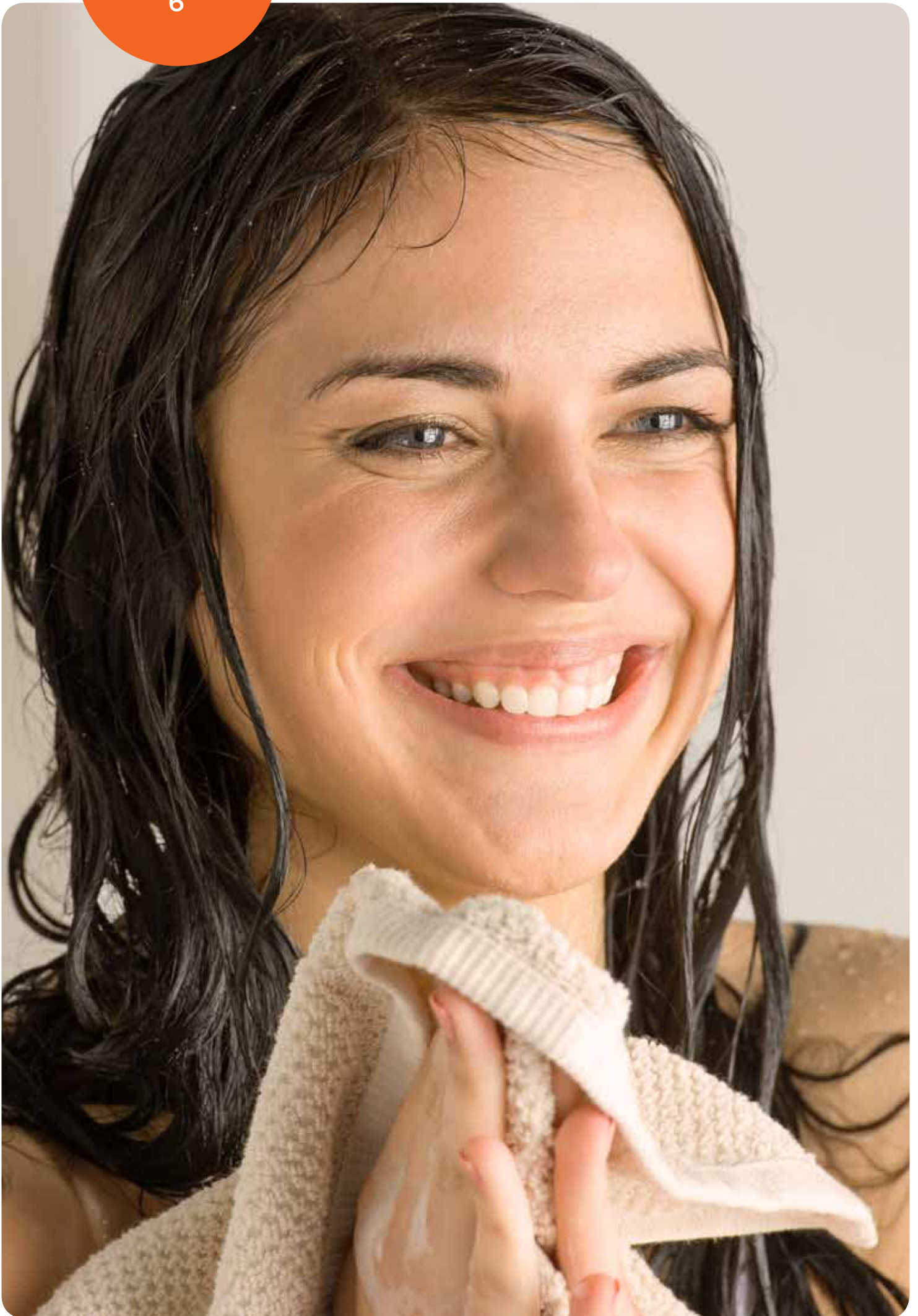
## THE BENEFITS

- Efficient water heating giving you savings of up to 66% on your water heating costs
- Lower purchase and installation cost than solar panel water heating systems
- Reliable hot water supply giving quick recovery for families using a lot of hot water
- Easy installation in new and existing homes. No building permit or structural alterations required
- Advanced technology designed and tested specifically for New Zealand climate conditions
- Safe double barrier heat exchange system complying with NZ Standard AS/NZS 2712
- Pay back period for EXCEED Heat Pump Water Heater may be only 5 years for some families
- Three Year Warranty.



*The Exceed Heat Pump Water Heater system is easy to use, with most functions available at the simple press of a button.*



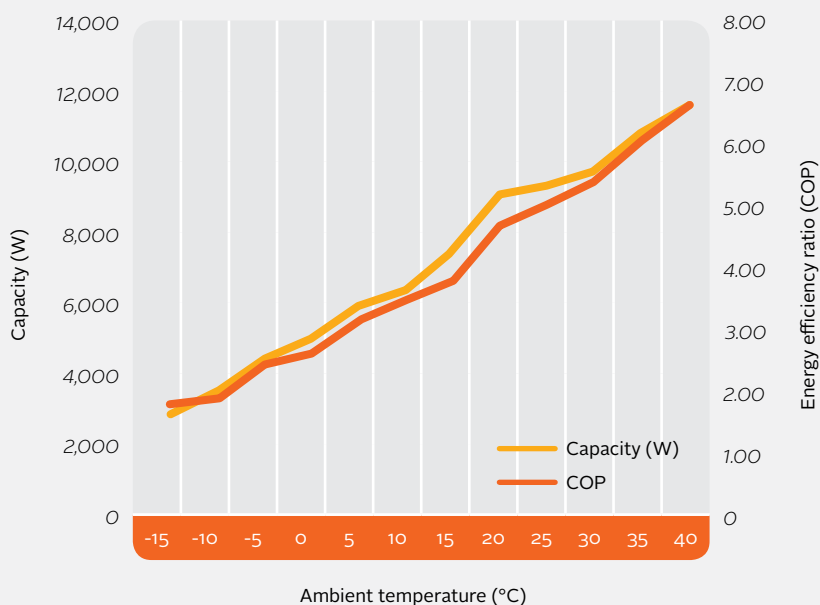
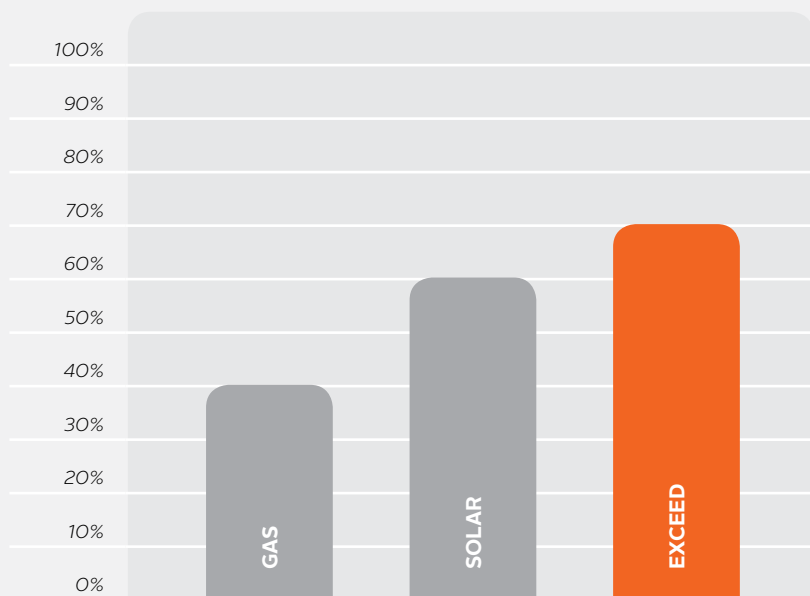


# EXCEED: THE FACTS



## COMPARATIVE SAVINGS AGAINST AN ELECTRIC WATER CYLINDER

Graph shows potential savings for different types of water heating when compared to an Electric Water Cylinder. Figures are based on the annual water usage of a typical family.

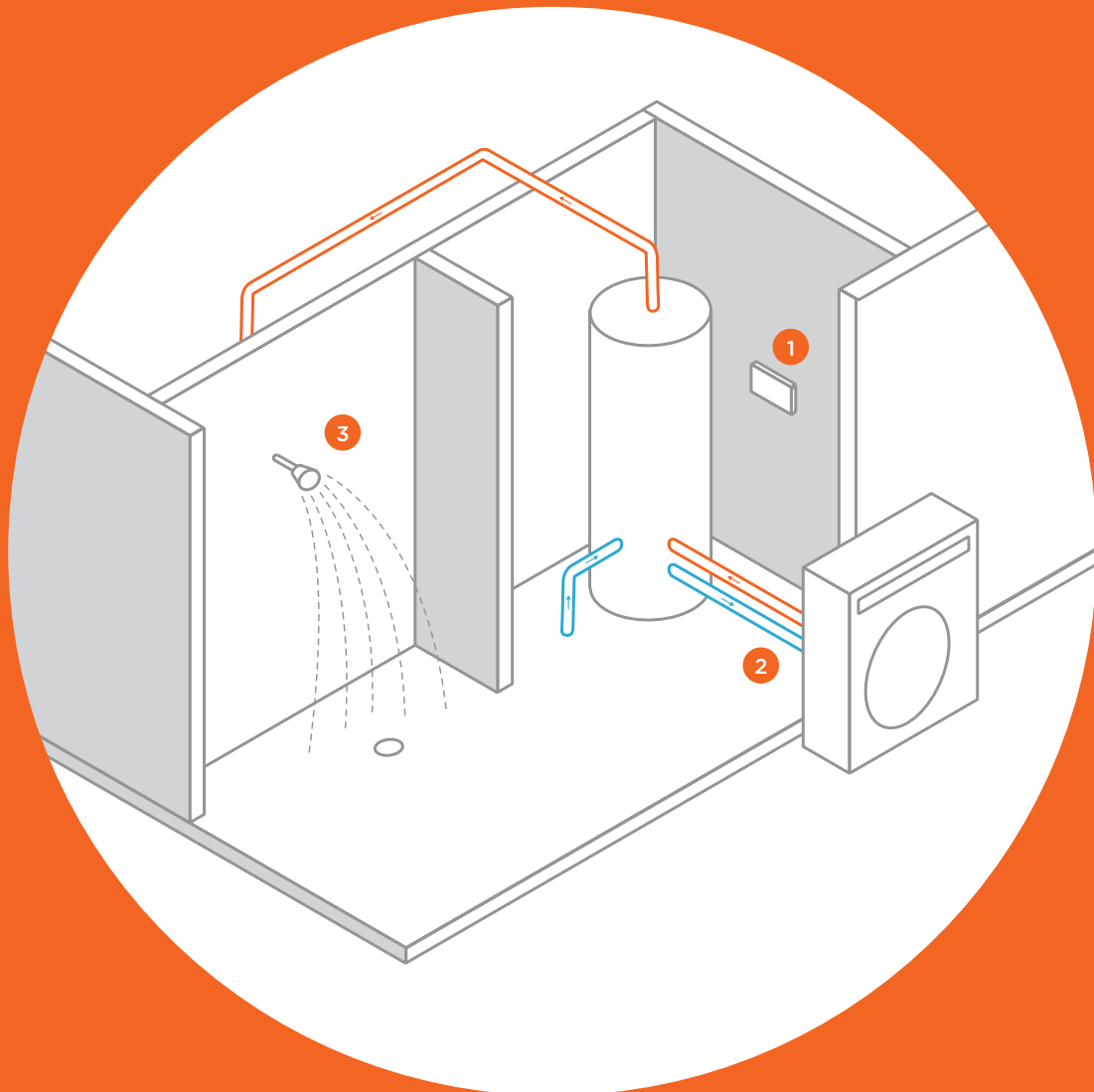


## CAPACITY AND ENERGY EFFICIENCY VS. AMBIENT TEMPERATURE

The graph at left shows the performance of the Exceed unit across a range of temperatures.

# HOW EXCEED WORKS

The Exceed system is simple to use, and is easy to install with a new build or retrofit to an existing building.





1



Set water temperature using the Exceed wall controller.

2



Exceed monitors the temperature of water in the hot water cylinder (HWC). When necessary, Exceed draws water from the HWC, heats it to the set temperature, then pumps it back.

3



Hot water is available to be used at showers, baths, taps etc.

# PRODUCT SPECIFICATIONS

Exceed's advanced technology has been designed and tested specifically for New Zealand climate conditions.

<b>Power supply</b>		Ph-V-hz	1 - 220~240 - 50
<b>Water heating</b>	<b>Capacity</b>	kW	7.2
	<b>Input</b>	kW	2.02
	<b>Rated current</b>	A	8.5
<b>Water tank volume</b>		L	180-500
<b>Outdoor noise level</b>		dB(A)	55
<b>Outdoor unit</b>	<b>Dimension (WxHxD)</b>	mm	840 x 940 x 324
	<b>Net weight</b>	kg	81
<b>Refrigerant type</b>		kg	R410A
<b>Max in diff. in level of the unit and tank</b>		m	3
<b>Ambient operating temperature</b>		°C	-10°C - 43°C
<b>Water pipe</b>	<b>Diameter, inlet pipe</b>	mm	DN20
	<b>Diameter, outlet pipe</b>	mm	DN20
<b>Water outlet temp.</b>		°C	40°C ~ 60°C

*The test conditions: outdoor temp. 20/15°C(DB/WB), inlet water temp. 15°C, outlet water temp. 55°C. The operation range:-10°C-43°C. 3. The specification may be changed for product improvement.*



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FOR MORE INFORMATION, GET IN  
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