

Want to save up to **70%** of your water heating?

Calitec heat pump water heating: faster, cheaper, more reliable!



Are you paying too much for your hot water? Water heating in your home can account for around 30% of your power bill: Calitec Hot Water Systems doesn't just halve this, we reduce it to less than a third!

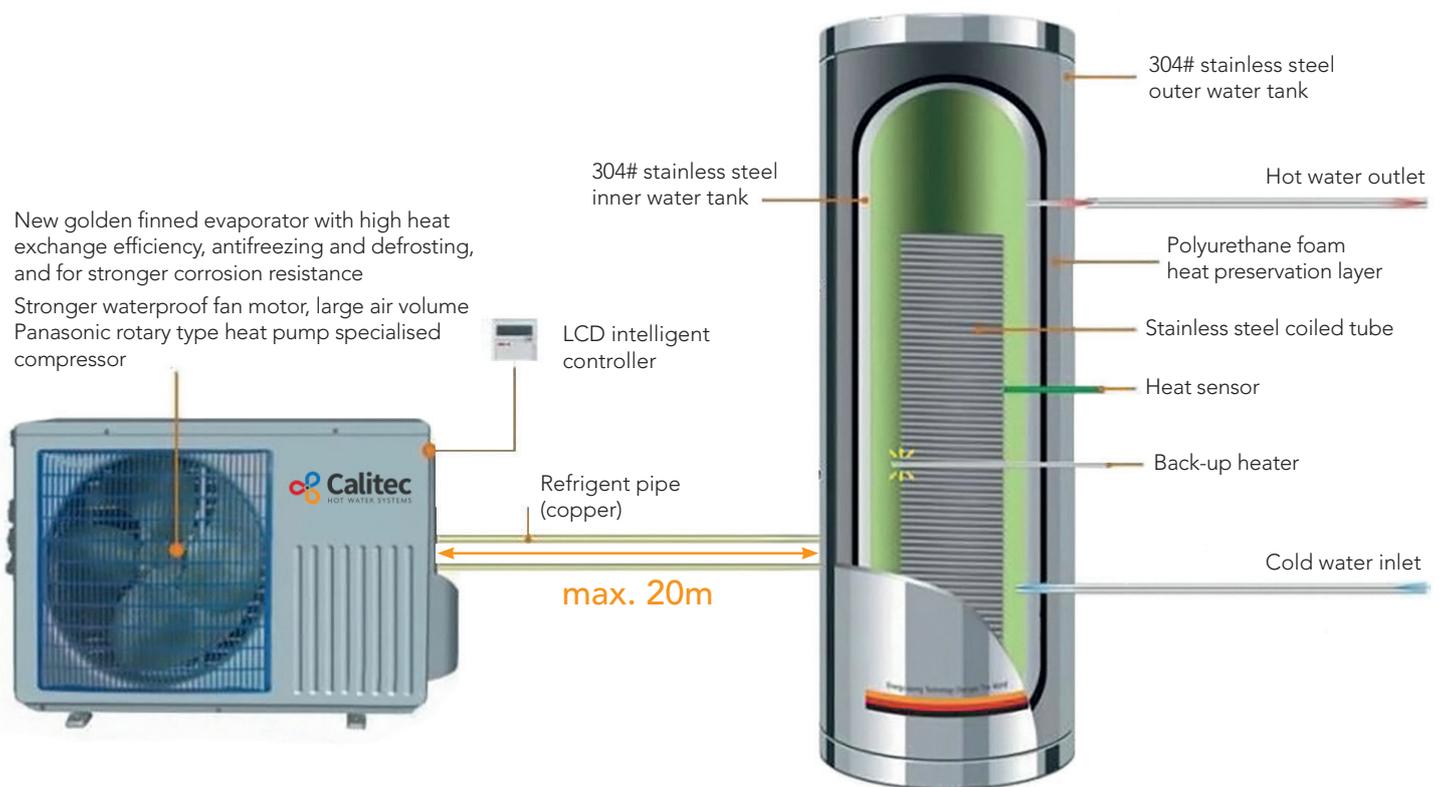
Calitec are the only Refrigerant Split System (RSS) providers in New Zealand: these systems are easy to install, they reduce your water heating costs and increase the speed and reliability of your hot water supply. Discover Europe's best kept secret – **Call Calitec today!**

Phone **0800 125 225** or visit **www.calitec.nz**



How does the Calitec Hot Water System work?

The Calitec Hot Water System is a Refrigerant Split System (RSS) with an outdoor heat pump compressor unit and a stainless steel hot water cylinder.



Heat pump outdoor unit

Our system uses heat pump technology and works using the same principle as an air conditioning unit or refrigerator. Ambient free energy from the atmosphere is captured and transferred in a refrigerant gas.

The heat of this gas is released in the coil inside the cylinder where it heats up the water, day and night, under all weather conditions and in all seasons.

The stainless steel hot water cylinder fits inside a standard hot water cupboard, and with a total possible length of up to 20 meters of refrigerant pipe between

Water cylinder indoor unit

the hot water cylinder and the outdoor compressor unit, we have a greater flexibility when placing the outdoor unit out of sight.

Calitec Hot Water Systems are fully certified and are provided with a 5 year warranty on the outdoor compressor unit and 20 year warranty on the stainless steel hot water cylinder, if installed through a qualified installer.

Calitec is the only supplier of refrigerant split system (RSS) hot water heaters in New Zealand.



How much will I save?

An average shower costs you around \$1. With heat pump technology we can heat up your water with 70% less energy - this means that same shower will only cost you \$30 cents.

Our **Calitec Hot Water System** is an excellent investment and will typically pay for itself in about 3 years.

Even the replacement of your old, standard electric hot water cylinders makes the switch worthwhile - although they are cheaper to buy new, they cost more than three times as much to run.

Cost comparison for hot water systems

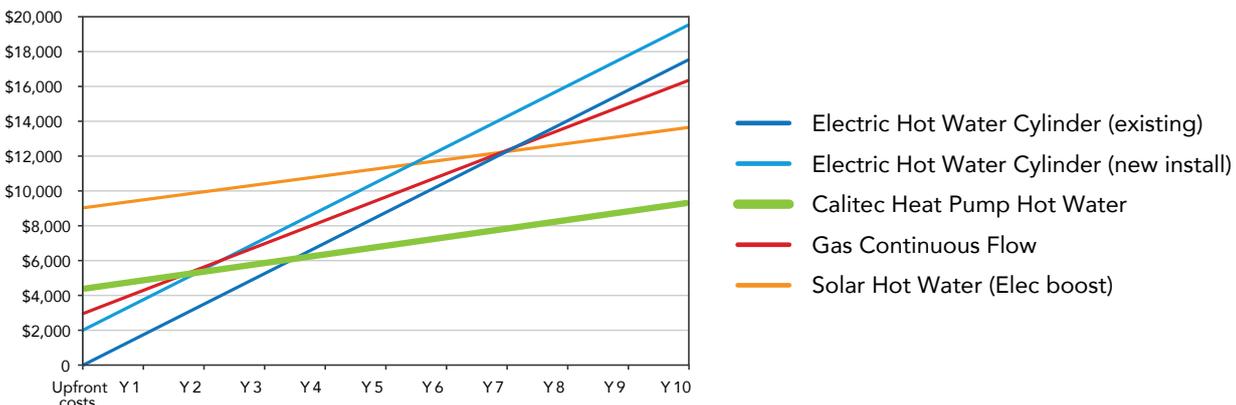
The graph below shows the total costs of a Calitec system - including purchase, installation and power use for the most common heating systems over 10 years.

This example is based on 4 showers per day (EECA calculation). It shows that when you retrofit your existing electric hot water cylinder for a Calitec Hot Water System you will break even in approximately 3.5 years.

And when you have to replace your (faulty) system or build new you start saving within 2 years, compared to any other water heating system!

Comparison for 4 showers per day

Eeca calculations



For more detailed graphs and comparisons please visit our website: www.calitec.nz



- Available in a 200L cylinder for households of up to 4 persons (\$2,990) and 300L cylinder for 4-plus person households (\$3,390)
- The complete installation cost for a retrofit is about \$1,500, depending on your specific situation
- The hot water cylinders are supplied with an electric back-up heater
- The Refrigerant Split System design gives you maximum flexibility, with the outdoor unit placed out of sight
- It's a set-and-forget system, intelligently controlled
- 5 year warranty on compressor unit and 20 year warranty on the Stainless Steel hot water cylinder

Model			DE-10W (200 litre)	DE-15W (300 litre)
Heating capacity		W	3400	4800
Power input		W	850	1200
Water production capacity		L/hr.	73	103
Max. rated current		A	7	8
Heat pump unit	Net weight	Kg	30	34
	Net size (L/W/H)	Mm	800x260x530	800x260x530
Water tank	Net size	Mm	ø 520X1600	ø 560X1814
	Water connection		G 3/4"	G 3/4"
Operation temperature range		°C	-10 to +45	-10 to +45
Maximum water temperature		°C	60	60
Noise outdoor unit		dB(A)	≤45	≤48

Your local contact:



0800 125 225 | www.calitec.nz