




**duoheat**

# *Dual-Purpose* Water Heating

- 
- **HIGHLY VERSATILE**
  - **ENERGY EFFICIENT**
  - **EASE OF OPERATION**
  - **ENVIRONMENTALLY FRIENDLY**

 **HOT WATER HEAT PUMPS LTD**

Advancing Water Heat Pump Technology

**SINCE 1980**

[www.waterheating.co.nz](http://www.waterheating.co.nz)



# versatile

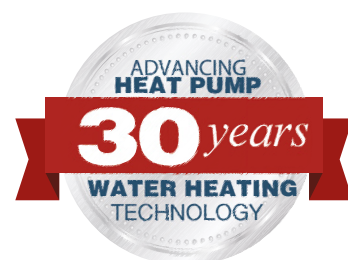
If you're looking for a quality heat pump water heater that offers more than one single function, then look no further. Hot Water Heat Pumps Ltd has designed and developed the DuoHeat range of multi-purpose heat pump water heaters.

## duoheat

DuoHeat dual-purpose heat pump water heaters eliminate the need to invest in two separate heat pumps and can be used across multiple applications including pool heating, underfloor heating and/or domestic hot water.

### WHY CHOOSE A DUOHEAT HEAT PUMP WATER HEATER?

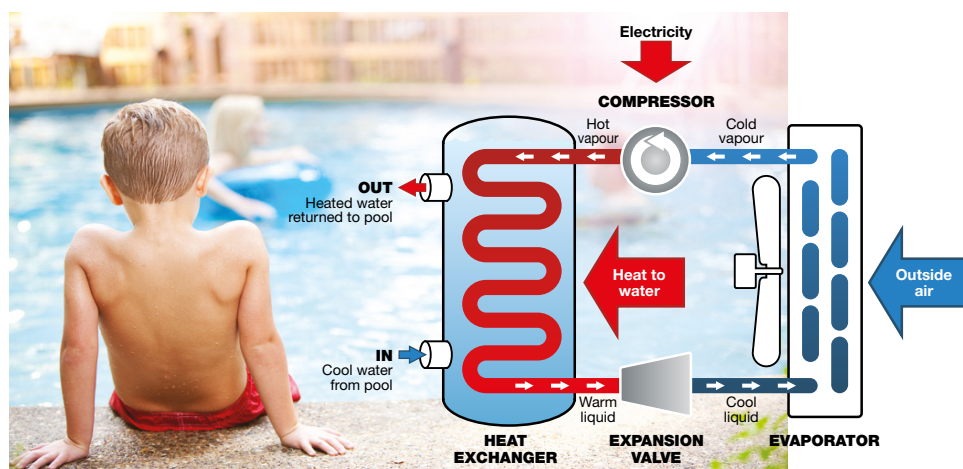
Duoheat heat pump water heaters operate with two heat exchangers keeping the different bodies of water (applications) separate while being able to maintain two different water temperatures e.g. it can maintain a swimming pool at 28°C and heat your domestic hot water to 60°C. With a Duoheat unit you can eliminate the need for two or three separate heat pump water heaters, reducing the overall area the equipment is using and reducing the amount of service and maintenance required. Duoheat heat pump water heaters heat each heat exchanger directly with the refrigerant for maximum efficiency unlike equipment that uses a water-to-water exchange, reducing the efficiency of the system as it produces water hotter than what is required to produce a lower water temperature.



### HOW DOES A HEAT PUMP WATER HEATER WORK?

Powered by electricity, a DuoHeat heat pump extracts the 'free heat' from the ambient air which is then efficiently transferred to the water which requires heating.

It works in a similar way to a fridge, but in reverse. EECA, the Government's Energy Efficiency Conservation Authority has listed heat pumps as one of the most energy efficient forms of heating in New Zealand.



*Experience the best in heat pump water heater technology.*

# reduced footprint

## DUOHEAT APPLICATIONS

DuoHeat heat pump water heaters can be used in the following dual-purpose applications:

Swimming pool + Spa pool	Swimming pool + Domestic hot water	Swimming pool + Underfloor heating	Underfloor heating + Domestic hot water	Swimming pool + Air heating
--------------------------------	--	--	---	-----------------------------------

## HEAT PUMP WATER HEATER BENEFITS

DuoHeat offers all the standard benefits of Hot Water Heat Pump Ltd Performance Plus products:

- Energy efficient
- Environmentally friendly
- Low running costs
- Consistent and reliable performance from -10°C to 45°C
- Designed and built in New Zealand from local and quality imported parts



## ADDITIONAL DUOHEAT ADVANTAGES:

DuoHeat also offers the following additional benefits:

- Eliminates the need to invest in two or three separate units
- Provides a greatly reduced overall footprint
- Reduces equipment redundancies
- Lowers capital investment over two separate units

The DuoHeat logo, featuring the word "duoheat" in a lowercase, sans-serif font. The "duo" is in green and the "heat" is in black.

**Talk to us today about how a DuoHeat heat pump water heater can benefit your property**



0800 33 66 33



**HOT WATER HEAT PUMPS LTD**

Advancing Water Heat Pump Technology

SINCE 1980

## BACK UP AND SERVICE

When you install a DuoHeat heat pump water heater, you can be assured of unprecedented after-sales service. We provide free telephone and email support on all products, for the life of the product, even if you're outside of the warranty period. With regular maintenance, your DuoHeat product from Hot Water Heat Pumps Ltd will provide you with a lifetime of service.



## WARRANTY

All of our DuoHeat heat pump water heaters carry a comprehensive two year parts and labour warranty, including the compressor, evaporator coil, heat exchanger and refrigeration systems. The titanium tube with the heat exchanger is covered against corrosion for 30 years.



## SAFETY FIRST

All of our heat pump water heaters are fitted with protection systems to prevent damage in the event of a malfunction. These include refrigeration safety switches; high and low pressure. In the case of our swimming pool and domestic heat pumps, our flow switches ensure the heat pump cannot operate without water flow. If a problem is identified, the unit automatically shuts down before damage can occur. Optional drain tray heaters are added for under floor heat pump water heaters for places like Wanaka. Electronic reverse cycle de-ice control is a standard feature on all Performance Plus heat pumps.



## CLEAN AND GREEN

As heat pumps use renewable energy in the form of the air, they are safer and cleaner to run than units that run on fossil fuel. Their CO2 emissions can be lowered by up to 70% compared to gas and diesel burners.



## PROUDLY KIWI OWNED

Hot Water Heat Pumps Ltd is a Kiwi-owned company with over thirty years' experience in the industry, and is recognised internationally for innovation, quality, and reliability. Engineered and built in New Zealand, DuoHeat heat pump water heaters have been designed to cater for your specific dual-purpose water heating requirements. Your local authorised dealer will be able to recommend the DuoHeat system which will best meet your needs.

## NATIONWIDE AUTHORISED DEALERS

Contact your local authorised distributor to find out more about the advantages of our DuoHeat products.

Visit the Hot Water Heat Pumps website to find an authorised dealer in your area.

Authorised Dealer:

### Hot Water Heat Pumps Ltd

3 Corban Avenue, Henderson, Auckland 0612

PO Box 21 586, Henderson, Auckland 0650

Phone 09 838 9444 Fax 09 838 6223 Email [info@waterheating.co.nz](mailto:info@waterheating.co.nz)



[www.waterheating.co.nz](http://www.waterheating.co.nz)



0800 33 66 33