

# Aquarian 170L

## Indoor/Retrofit

An all-in-one Aquarian 170L heat pump water heater delivers excellent value and savings for up to 5 person homes.

Benefit from the newest game changing combination of advanced technology, durability and affordable price.



Highly efficient water heating



Significant savings & quick payback



Stainless steel tank 10 year warranty



The **Aquarian** 170L all-in-one heat pump water heater provides outstanding value for low to medium hot water users (generally 2 to 5 persons).

Priced affordably and operating at about a third the cost of conventional water heating systems the Aquarian 170L is also capable of quick recovery for periods of high water use.

Custom designed durability and manufactured under strict quality control supervision, the AQ170L is priced to provide an affordable water heating solution for retrofitting and new homes across New Zealand.

Durable stainless steel construction & quality installation is backed by Energy Alternatives' 10 year tank and 6 year heat pump Limited Warranty.

Put simply, the **Aquarian** is the financial game changer for NZ water heating.

Cut the cost of your hot water and enjoy lower power bills!

Call now for a free consultation and quote, and/or visit [www.aquarian.co.nz](http://www.aquarian.co.nz)



# AQUARIAN

## Heat Pump Water Heaters

The hot water savings game-changer

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

# Aquarian 170L

## Technical Details

Combining high efficiency and durability.

Aquarian all-in-one heat pump water heater - ideal for retrofit to existing homes and new builds.

Standard	Tested to EN16147
HP Input power range	0.6-1.4kW
Rated heat capacity	2.8kW (HP) / 4.6kW (HP+Elec)
Water volume	170L
Power Supply	220V/60Hz
Refrigerant	R417a
Output water temperature	55 - 60 deg C
COP at dry bulb 20EN255-3	COP 4.18
COP at dry bulb 7 EN255-3	COP 2.56
Maximum current (HP)	3.6A
Auxilliary electric heater	2kW
Material of tank / exterior	Stainless Steel (SUS304)
Dimensions - height	1670mm (plus ducting)
Dimensions - width	568mm
Space required (mm)	750 W x 600 D x 2020 H
Ducting	Double ducted (150mm)
Air space required	28m <sup>3</sup>
Weight dry / flooded	90kgs / 280kgs
Noise level	15 - 45dB (External fan)

## Features

- Class A - low temperature operation
- Durable stainless steel tank
- Designed for retrofitting to existing New Zealand homes
- Easy to use program features for multiple operation times
- Designed for internal use, external fan- extremely quiet running
- Suitable for all but the harshest New Zealand conditions
- Designed to work with intake air temperatures from -10°C to 35°C
- Suitable for up to 5 person families (with water efficient homes)

## Requirements

- Air sourced from either ambient or ducted ceiling space
- Ensure air intake and outlet is to and from well ventilated spaces
- Provision for drainage can be drip to outside or to internal drain
- Electrical Supply - 10 amp dedicated circuit



# AUTHORISED AGENT