



HOT WATER | CO₂ HEAT PUMP

RECLAIM CO₂ HEAT PUMP

THE FUTURE OF HOT WATER



Contact H2Flow Plumbing Ltd, trusted installer.

h2flowplumbing.co.nz | 03 341 2001



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THE FUTURE OF HOT WATER

300L

STORAGE VOLUME

6 PEOPLE

MAXIMUM CAPACITY

75%

ENERGY SAVINGS

6 YEAR

WARRANTY

63°C

WATER TEMP



REDUCES ENERGY COST: 75% energy saving compared with electric hot water cylinder or gas hot water. Only \$1.12 per day average* for all your hot water.



NATURAL REFRIGERANT: CO₂ refrigerant with lowest Global Warming Potential of one and zero Ozone Depletion.



MADE FOR THE COLD: Single pass water heating which always heats water to 63°C no matter the weather. CO₂ refrigerant loves the cold.



CONTROLLER: Utilise the on-board timers to maximise the benefit and savings from your solar PV system, or Hour of Power free electricity.



ONE PRESS BOOST BUTTON: Runs the heat pump for instantaneous water heating for up to six hours to provide quick hot water any time.



EFFICIENT & QUIET: Heat pump only operation, no electric element required. The quietest heat pump in the market.



ALTERNATIVE TO GAS: The heat pump is installed outdoors, saving space inside your house. And it eliminates the hassle of changing gas bottles, all while reducing your monthly bills. Outdoor or indoor cylinder options.

*Daily power use of 4.5 kWh monitored for family of five people using a Reclaim heat pump over one year in Rotorua. Energy cost calculated at \$0.25 / kWh.



Separate Outdoor Compressor and Controller

Indoor or Outdoor Cylinder

WARRANTY

Our extensive warranty gives you peace-of-mind knowing that all system parts are covered. All spares parts are held in New Zealand.



CONTROLLER	6 years
HEAT PUMP	6 years (domestic installations). 3 years (commercial installations)
CYLINDER	6 years
LABOUR	1 year from date of installation.



Contact

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PRODUCT SPECIFICATIONS



HEAT PUMP

Power input at 19°C air temp*	0.916 kW
Thermal output at 19°C air temp*	4.7 kW
COP at 19°C air temp*	5.24
Refrigerant	CO ₂ (R744)
Output water temperature**	63°C**
Power supply	240 V / 50 Hz
Circuit (max)	10 Amps
Average sound pressure level	37 dB @ 1.0 m
Ambient temperature operation range	-10 to 43°C
Dimensions	675H x 825W x 300D (mm)
Weight	48 kg
Rain resistance	IPX4
Water port connections (inlet/outlet)	1/2" BSP / 12.7 mm
Warranty	6 Years

*Tested to AS/NZS 5125: 2014 - Heat pump water heaters.

**Replacement CPU allows for up to 75°C output water temperature.

HOT WATER CYLINDER

FLEXIBLE CYLINDER OPTIONS

You can choose a Reclaim cylinder or any standard 300L stainless steel cylinder

Capacity & dimensions	300L 610W x 1780H (mm)
Casing	Sandstone Grey, powder-coated zinc alum, outdoor cased
Heat loss & thermal conductance*	2.02 kWh / 24 hr 1.53 W/K. Lowest heat loss in NZ for 300L
Insulation	66 mm polyurethane, zero ozone depletion
Manufactured in	Auckland
Warranty	6 Years
Electric element	Optional 3kW - emergency back up operation only



Version 1
Standard Controller



Version 2
Wi-Fi Controller

PERFORMANCE AT DIFFERENT AIR TEMPERATURES

SEASON	AMBIENT TEMP. (°C)	COEFFICIENT OF PERFORMANCE
Summer	26	6.4
NI Annual Average Temp.	14	4.5
SI Annual Average Temp.	12	4.2
Mild Winter	5	3.3
Cold Winter	-1	2.4
Very Cold Winter	-5	1.9

NOTE: Test conditions at a range of ambient air temperatures, inlet water at 15°C

SMART CONTROLLERS

FLEXIBLE OPTIONS

Choice and control for every day savings

OPTION	PROGRAMME	BEST MODE FOR
24 HOURS	Continuous	Commercial / high water use
PV DAYTIME	10.00 am to 4.00 pm	PV panels / warmer days
OFF-PEAK Mode 1	10.00 pm to 7.00 am	Off-peak tariffs
OFF PEAK Mode 2	12.00 am to 6.00 am	Night rates
DOUBLE TIMER	2 periods, any time	Free hour/s of power / PV

- Available for iOS and Android mobile phones
- Connection to Wi-Fi and mobile app is optional
- Full functionality of the controller can be attained manually, or via the free Reclaim Energy app.
- Phone app only available with Version 2 Wi-Fi controller



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