

Apricus+

all in one | R290

HOT WATER | R290 HEAT PUMP



ALL-IN-ONE + R290 HEAT PUMP

The Future of Hot Water



JUNE 2026



solar works
SOLAR • GAS • PLUMBING

Kapiti Coast | 021 168 5062 | solarworks.co.nz

ALL-IN-ONE + HEAT PUMP

THE FUTURE OF HOT WATER



270L

STORAGE VOLUME

6 PEOPLE

MAXIMUM CAPACITY

70%*

ENERGY SAVINGS

6 YEAR

WARRANTY

75°C

MAX TEMP

* Tested according to Victoria Energy Efficiency Target Regulations, Australia; For Zone 5 (high country Victoria & Tasmania)



REDUCES ENERGY COST: 70% running cost saving compared with electric hot water cylinder or gas hot water.



NATURAL REFRIGERANT: R290 (propane) has extremely low global warming potential compared to traditional refrigerants.



MADE FOR THE COLD: Unlike other refrigerants, R290 still performs well in cold temperatures, delivering piping-hot water when you most need it.



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



SMART TOUCH [optional upgrade]: Adjust the unit's settings to your needs, using the free phone app, or touch screen controller.



EFFICIENT: Unlike traditional refrigerants, R290 can reach 60°C using the refrigeration cycle alone, without the use of an electric element.

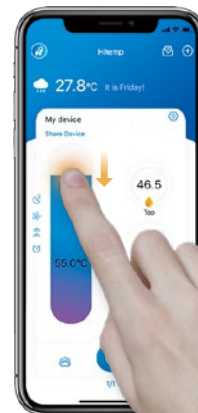


ALTERNATIVE TO GAS: The heat pump cylinder is installed outdoors, saving space inside your house. And it eliminates the hassle of changing gas bottles, all while reducing your monthly bills.



**UPGRADED
PRODUCT**

**HIGHER
OUTPUT
FASTER HEATING
GREATER
SAVINGS**



Smart Heat Pump
with multiple controller options



HiTemp



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ALL-IN-ONE+ HEAT PUMP

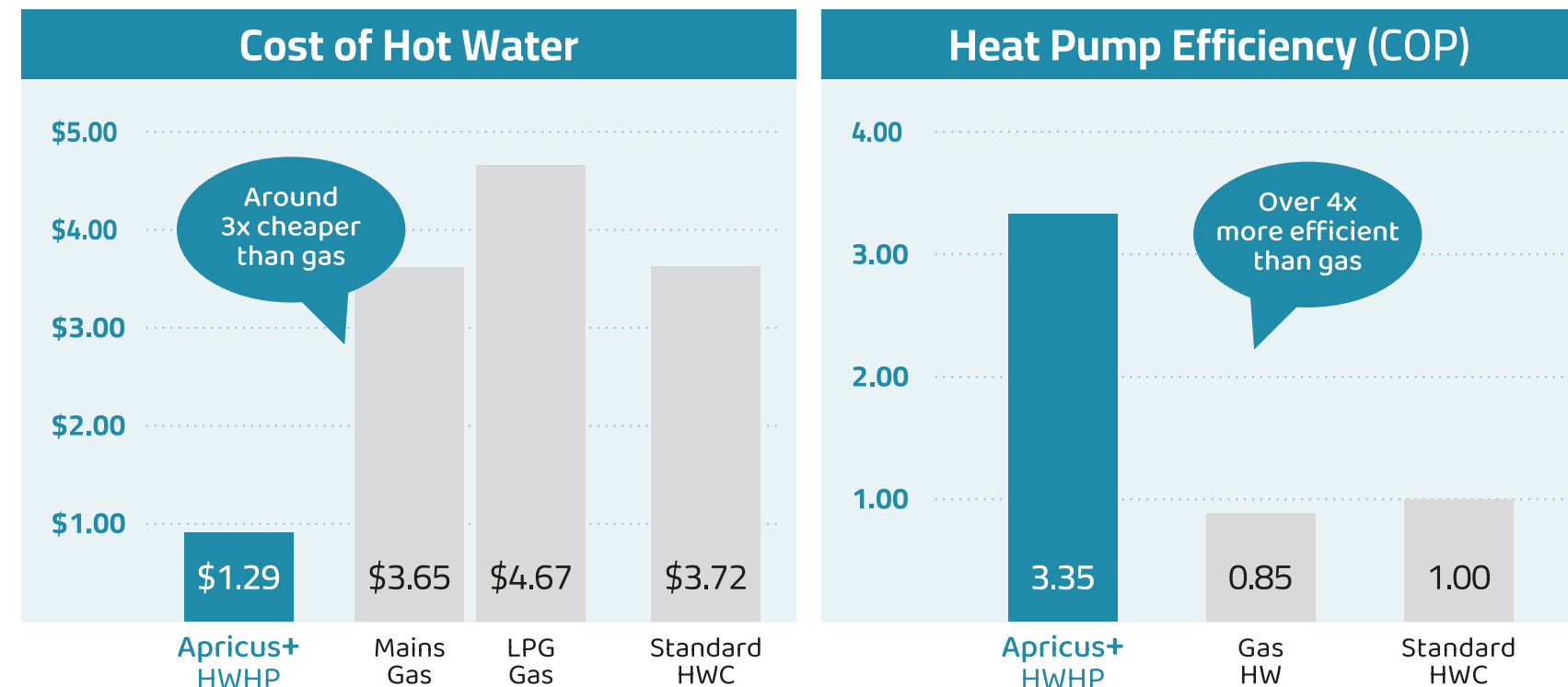
THE SMART HEAT PUMP THAT SAVES YOU MONEY EVERY DAY



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COMPARATIVE RUNNING COSTS

Apricus All-in-One+ vs Gas Water Heater vs Standard Electric Hot Water Cylinder



Around
3x cheaper
and **over 4x**
more efficient
than a gas hot
water system

**70% ENERGY
SAVING**

COMPARATIVE COSTS AND EFFICIENCY	Apricus+ all-in-one R290 HEAT PUMP	MAINS GAS INSTANT HW	LPG GAS INSTANT HW	STANDARD HOT WATER CYLINDER
COST OF HOT WATER (Electricity at \$0.30, LPG at \$0.32 (\$195/45kg), Mains gas at \$0.25)	\$1.29	\$3.65	\$4.67	\$3.72
HOT WATER AVAILABLE (L)	270	270	270	270
EFFICIENCY (COP)	3.35	0.85	0.85	1.00
TOTAL ENERGY USED (kWh)	3.7	14.6	14.6	12.4
ENERGY SAVINGS (comparable %)	-70%	+18%	+18%	0%

BASIS FOR CALCULATIONS

- Start temperature = 15°C
- End temperature = 60°C
- Time to heat from cold = 3 hrs
- Total heat required = 12.4 kWh (th)

TEST STANDARDS

- Test data according to standard NZS 4305:1996 – Energy efficiency – Domestic type hot water systems.
- Day to day conditions will vary, so heat pump performance will vary.
- Assume using a Full 270L HW cylinder (approx. daily hot water use for five people).



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ALL-IN-ONE + HEAT PUMP



SPECIFICATIONS

Model: KL-270

Refrigerant	R290
Volume	270 L
Rated Heating Capacity	4.0 kW
COP 20°C/15°C	4.5
Heating Time for 15°C to 55°C (air temperature 15°C)	3.48 hours
Electric Heater	1.0 kW
Operational Temperature Range	-5 ~43°C
Standard Water Temperature	60°C
Maximum Water Temperature	75°C
Water Tank	Enamel
Water Tank Rated Water Pressure	850 kPa
Quantity of Refrigerant	480 g
Moisture Resistance	IPX4
Rated Power Input	2.38 kW
Rated Current Input	9.9 A
Power Supply	~240 V/50 Hz
Net Dimensions (dia./H)	640 x 1,985 mm
Empty Weight	123 kg

OPERATIONAL MODES

MODE	ELECTRICITY USE	RUNNING COSTS
Intelligent	🌱🌱	💰💰
Eco	🌱	💰
Vacation	🌱	💰
High	🌱🌱🌱	💰💰💰

1 Large heat transfer contact surface improves heat transfer efficiency.

4 Condensate is discharged from the unit.

5 Magnesium anode protects the water tank from corrosion.

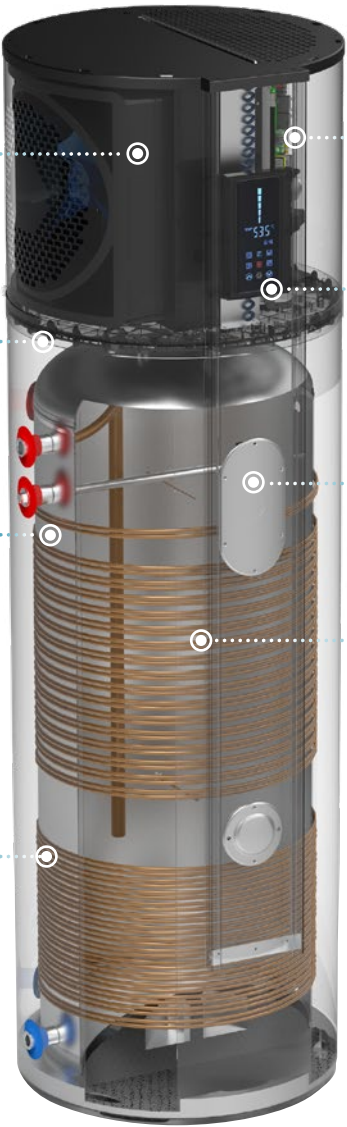
8 Efficiently transfer heat from refrigerant to water.

2 Brushless DC motor is conducive to efficient and stable operation.

3 Smart control of heat pump operation modes.

6 The overheat protector protects the unit against excessive water temperatures.

7 Electric heater helps the water temperature rise rapidly.



WARRANTY

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



CYLINDER CONTROLLER 6 years 1 year



Seismic cylinder restraint kit



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