



XTEND

E L E M E N T S



Mobile-friendly Brochure



Energy Efficient



Long Lasting



Inverter Friendly

www.xtendelements.co.za

XTEND elements are:



Energy Efficient

*25% is average savings compared to standard resistive elements



Long Lasting

Stainless steel tubing protects element making them ideal for hard water applications



Inverter Friendly

Due to their low wattage, they work well with Solar PV

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Energy Efficient



Xtend achieves 25% energy savings by using PTC technology to dynamically match power consumption to the rate of heat transfer, maximising efficiency and minimising losses.



Saves an average family 1000 units of electricity / year *

**150L Hot Water Daily*

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Side by Side

XTEND is NOT an expensive element, it's a cost-effective **UPGRADE** for reducing water heating costs

	STANDARD	XTEND
Feature		
Energy Saving	✗ 0%	✓ 20–25%
Power Draw	3000W 4000W	2000W 3000W
Heating Method	Coiled Wire	PTC Ceramic
Casing	Metal Alloy	316 Stainless Steel
Dry Burn Protection	✗ No	✓ Yes
Handles Scale	✗ No	✓ Yes
Warranty	6–12 months	3 years
Serviceable	✗ No	✓ Yes
Moves to New Geyser	✗ No	✓ Yes

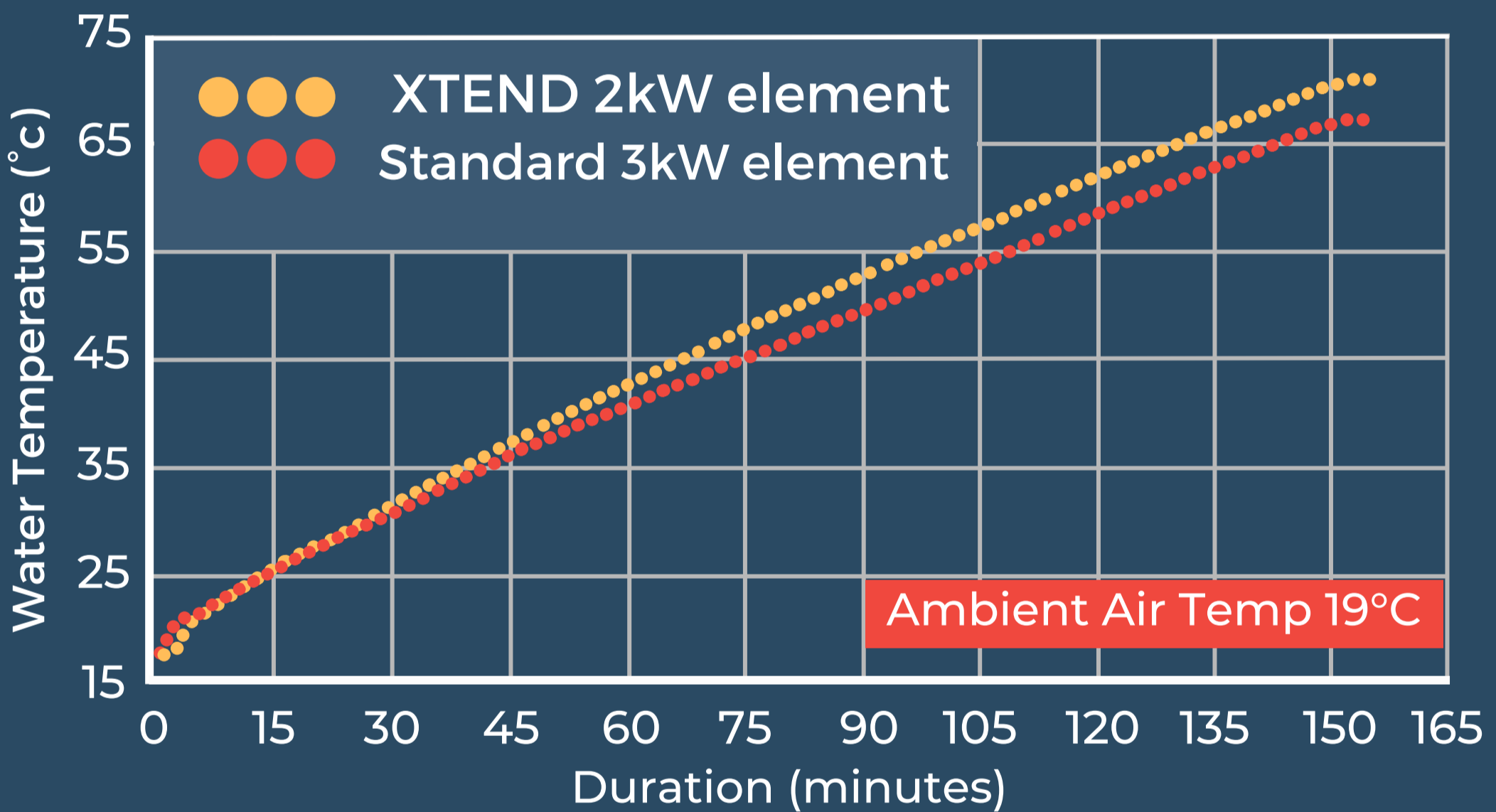
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XTEND vs Standard

2kW XTEND Element vs 3kW Standard Resistive Element Heat Up Curve in 150L, Kwikot B Rated Geyser

*Results from major geyser manufacturer



- Heat up temperatures over time are very similar
- Discharge temperatures by volume are very similar
- As Xtend is 2kW and the standard element is 3kW, the savings are clear.



[Test Details](#)



Long Lasting

XTEND elements are designed for hard water

- Stainless steel and PTC design cause slower limescale build-up and no loss of efficiency
- Can be serviced to remove limescale for optimal performance over time
- Will not burn out if geyser is empty (dry burn protection)



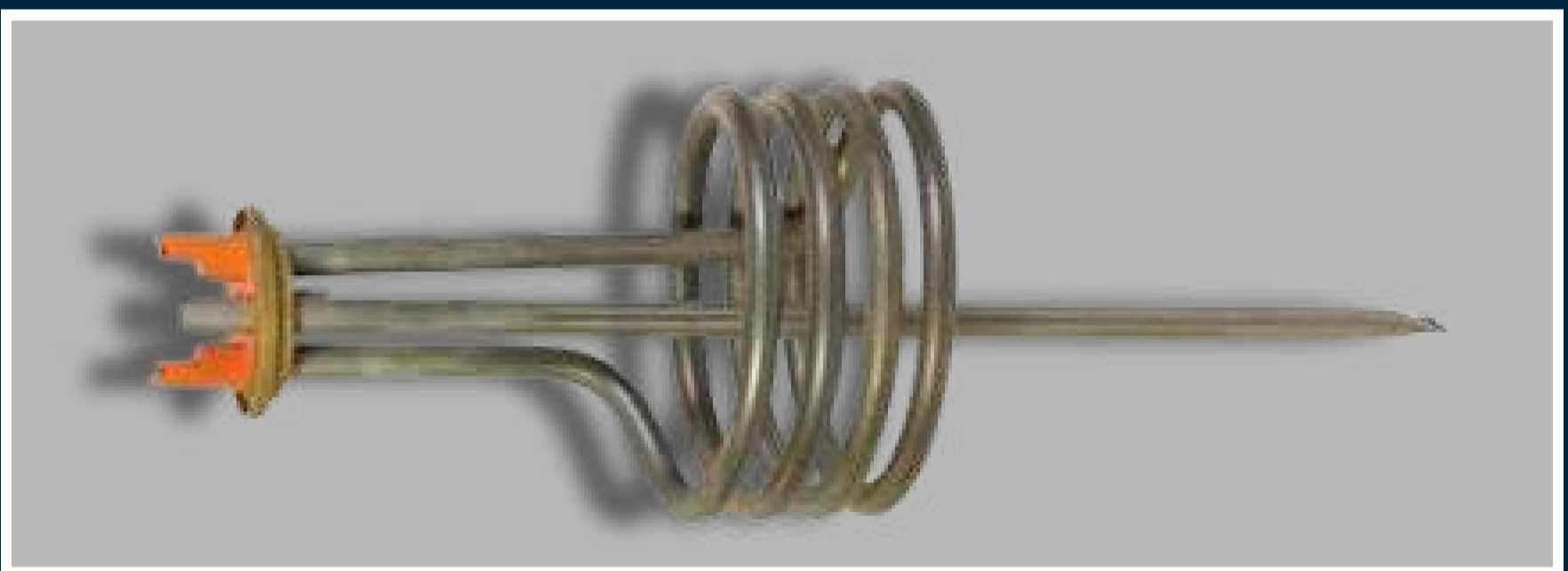
BEFORE CLEANING



AFTER CLEANING

Over time hard water damages standard elements

As the limescale builds up the element has to work harder to achieve the same result, costing more to run, and will eventually burnout if the scale build up is excessive



NEW



USED



Inverter Friendly

- 2kW instead of 3kW for similar rate of heating
- Lower load on inverter and more power for other loads
- Easier on your battery for the morning showers

XTEND converts your geyser from a power hungry challenge to an efficient energy store for spare power

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Switch and Save

Simple installation,
retrofits most geysers

- Fitment is the same as with a standard resistive element
- No additional parts required for flange models (80% of market)

** Screw-in models require separate thermostat port*

Which Size?

150L

2kW XTEND Element

replaces

3kW Standard Element

200L

3kW XTEND Element

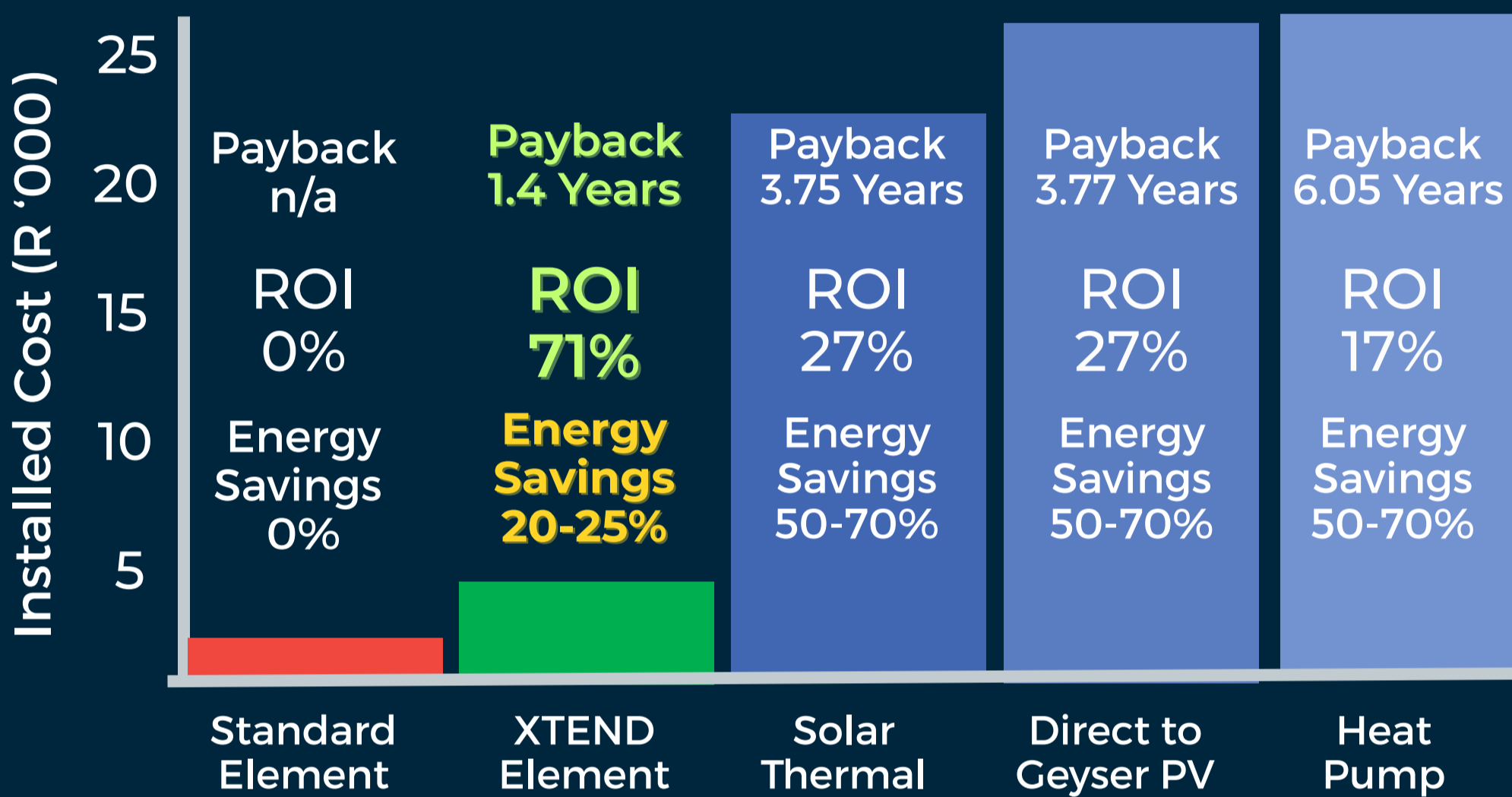
replaces

4kW Standard Element



Xtend v Alternatives

XTEND is in a **NEW**, affordable category compared to other water heating solutions



A standard element is the most expensive way to heat water, especially if scaled-up.



Whole geyser energy systems save the most energy, but they are expensive.



Xtend elements are the simplest, most affordable option, with the shortest payback period.



They are also a great add on for the top end systems, improving the efficiency when the element is used.

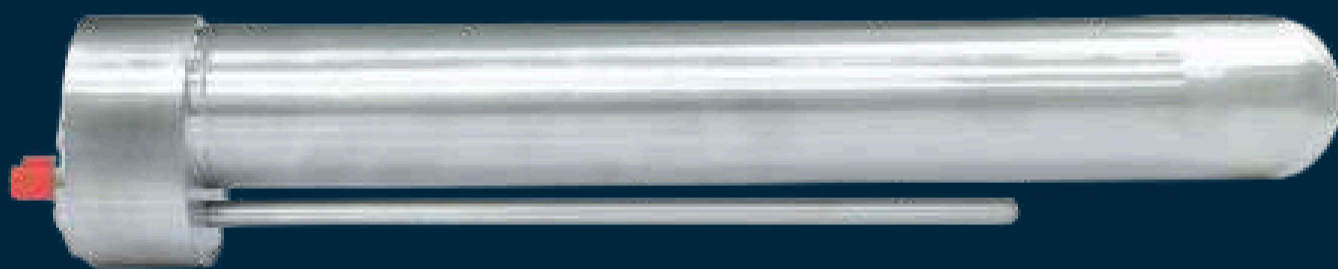


XTEND Products

A 2kW XTEND element replaces a 3kW standard element (150L geyser) with similar heat-up curve, while a 3kW XTEND element replaces a 4kW standard element (200L+ geyser).

XTEND elements come in two fitting types:

- 50mm Flange (most common)
Brands: Kwikot, Arniston (Heattech) & Builders Wearhouse geysers



2kw (150L) and 3kw (200L+) models available

- 35mm Screw-In / Boss
Found in older geysers

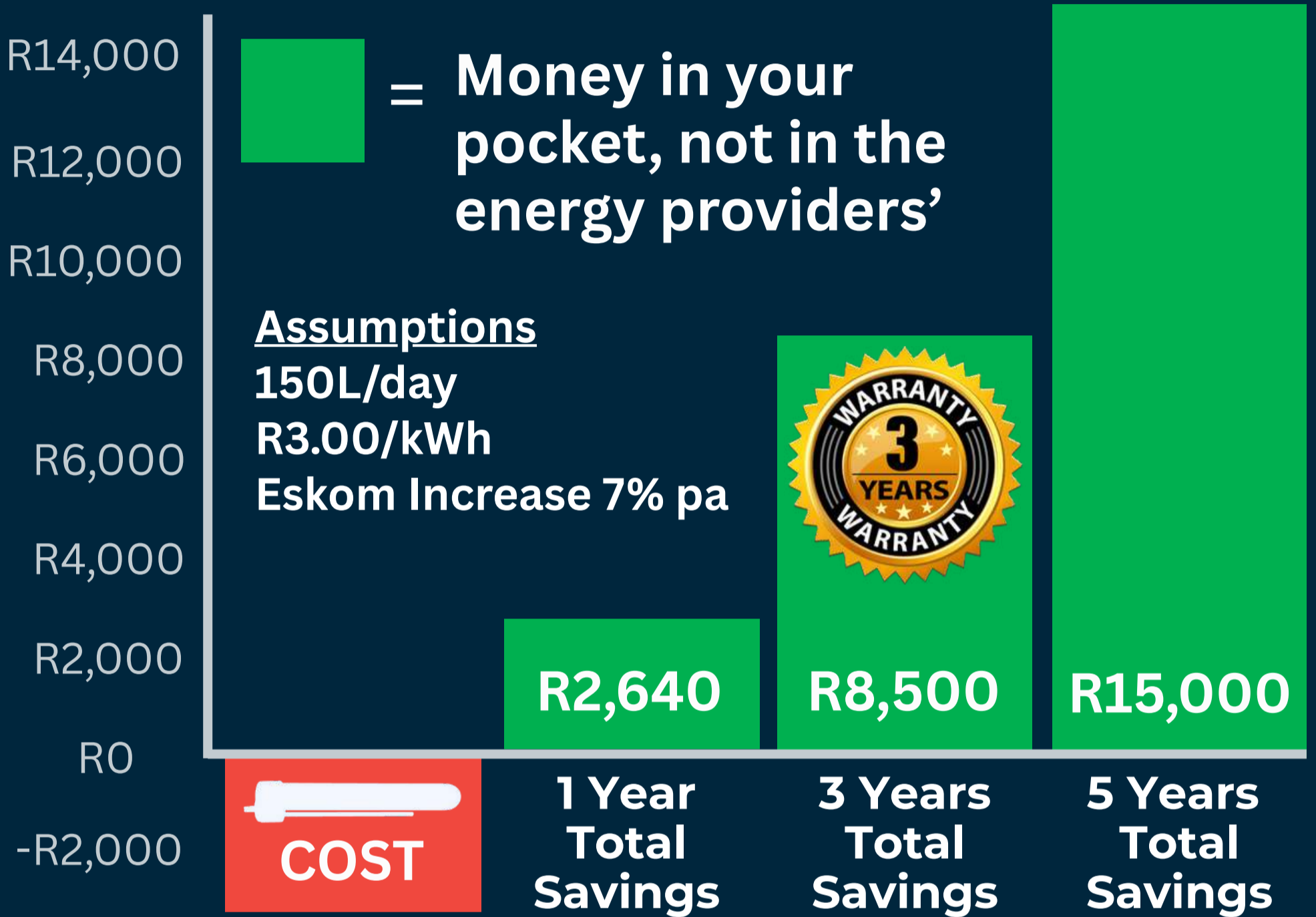


2kw (150L) and 3kw (200L+) models available

 [Tech Specs](#)



Financial Benefits



XTEND elements reduce the cost of hot water. Affordably.

- Immediate energy savings
- 12 month payback period (150L daily hot water usage)
- Reduced replacements increases savings



XTEND Warranty

XTEND elements are covered by a 3-year warranty, with certain limitations:

- Water quality and conditions being equivalent to SANS 241 (South African National Standard for drinking water).
- Borehole water with high iron levels is not covered. While XTEND elements perform exceptionally well against limescale, iron is highly corrosive and may damage the marine-grade stainless steel tubing.



[Read More](#)





Geyser Warranty

Installing an XTEND element into your Kwikot geyser does not invalidate your geyser warranty

- Kwikot (Haier) will attend to leaking related claims
- Kwikot (Haier) will **not** attend to no hot water related claims
- Kwikot (Haier) will **not** attend to electrical related claims



[View Letter](#)

What our customers are saying:



Hans-Peter



Great product, efficiency in power consumption. Installed it 5 years ago and still going strong. I can highly recommend it.

GoGreen Plumbers



Great Energy ⚡ Saving Elements. Easy installation. We have installed over 200 elements. Many Happy Customers. Thanks Xtend for this quality product.

Mike



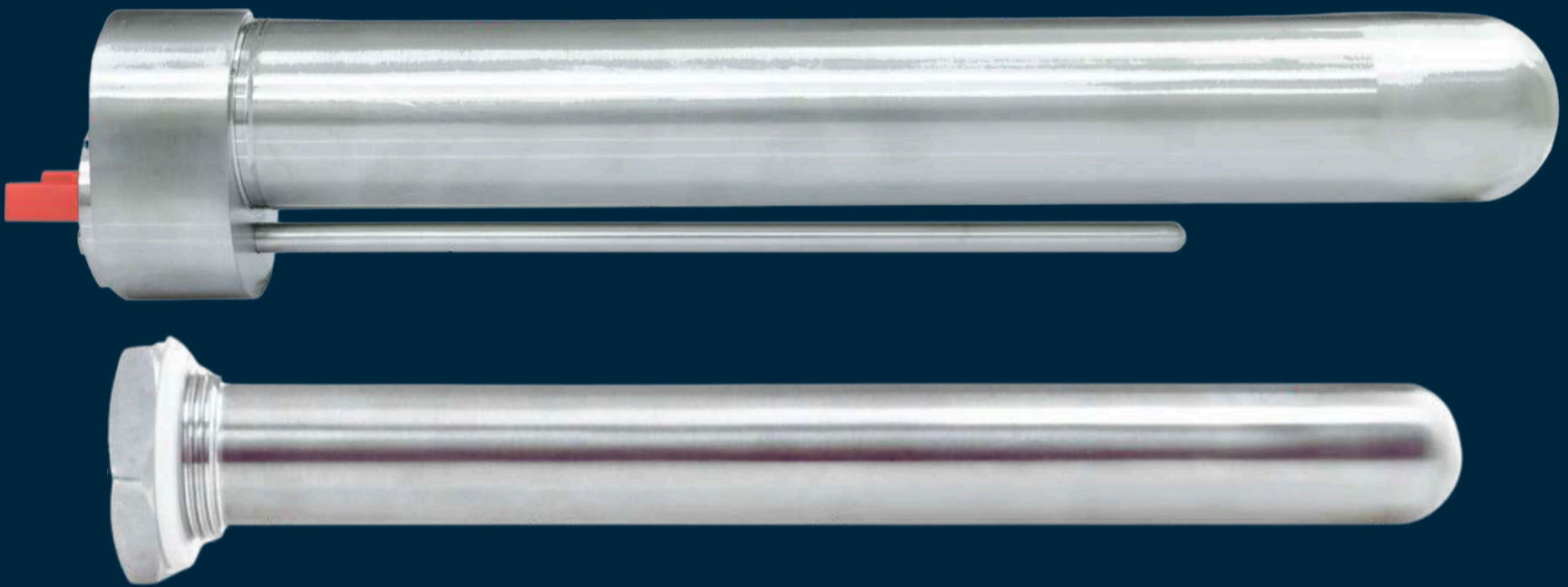
A must-have product especially for hard water which i have in my geyser for 3 years without any issues.

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Heat Water for Less



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www.xtendelements.co.za

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