

A COST EFFECTIVE ALTERNATIVE TO SOLAR THERMAL & HEAT PUMPS



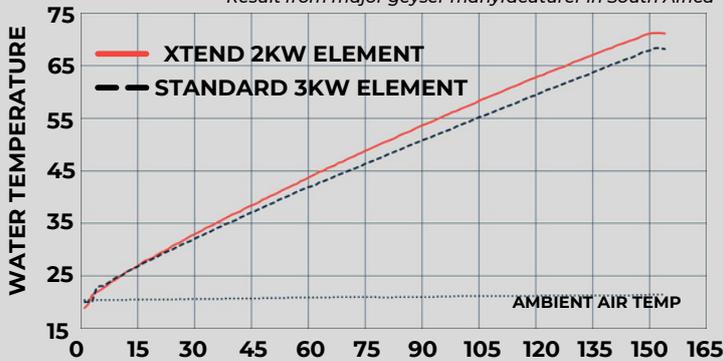
XTEND ELEMENT BENEFITS

- > 25% ENERGY SAVING
- > IDEAL FOR HARD WATER
- > 3-YEAR WARRANTY
- > SOLAR PV READY
- > SIMPLE TO INSTALL
- > DRY BURN PROTECTION



XTEND 2kW vs Standard Spiral 3kW heat up curve in 150L B rated geyser

**Result from major geyser manufacturer in South Africa*



Xtend is **NOT** an expensive element, it's a cost effective alternative for reducing water heating costs

WATER HEATING METHOD	ENERGY SAVINGS	INSTALLED COST	PAYBACK PERIOD	ANNUAL MAINTENANCE
HEAT PUMPS	50-70%	R20-30K	5-7 YEARS	HIGH
SOLAR THERMAL	50-70%	R20-30K	5-7 YEARS	MEDIUM
XTEND PLUS TIMER	30-40%	R3600	1-2 YEARS	ZERO / LOW
XTEND ELEMENT	15-30%	R3000	1-2 YEARS	ZERO / LOW
STANDARD ELEMENT	0%	R1200	N/A	MEDIUM

BENEFITS BREAKDOWN

ENERGY SAVING

- > 25% energy savings compared to resistive elements
- > Element pays for itself through savings

LONGER LIFE

- > Durable marine grade 316 stainless steel casing
- > Tested to 21600 cycles (equivalent to 10+ years usage)
- > 3 year product warranty
- > Dry burn tested to 5000 cycles

PV SOLAR READY

- > More hot water per kWh
- > Lower instantaneous draw

Where can XTEND be applied?
What sectors can benefit?

ANYONE WITH A GEYSER BENEFITS FROM XTEND

- >> Applications – Mines; Farms; Staff Housing; Student Accommodation; Guest Houses; Lodges; New Builds, Apartments, Flats and any residential home with a geyser

IDEAL FOR HARD WATER AREAS

- > Lower operating temperatures (270°C) than resistive elements (500°C) which reduces precipitation of solids out of the water
- > PTC elements have a very low watt density which aids in reducing scale build up
- > The heat is dissipated by the areas without scale build-up and the element continues to function optimally

SIMPLE TO INSTALL

- > Installation same as with standard element geysers
- > No additional parts required

SAFE AND CERTIFIED

- > Dry burn tested to 5000 cycles
- > SABS tested to SANS 514



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