www.pwr4less.com

IHP GEYSER®

ALWAYS HOT™

Heat Smarter. Live Better

In a market challenged by rising energy costs and unreliable grid infrastructure, the IHP Geyser® is redefining water heating across South Africa. This innovative solution delivers a sustainable and cost-efficient alternative, empowering property owners to optimize energy consumption while reducing operational expenses.

The Power4Less IHP Geyser® is a revolutionary leap in energy-efficient water heating, designed to slash electricity consumption by up to **85%** compared to conventional geysers.

Engineered with cutting-edge nano heat pump technology, it operates on just **0.6kW** of power and consumes only **1.8kWh per day,** delivering the same hot water experience at a fraction of the cost.

With an **A+ EU energy rating**, stainless steel construction, and smart app integration, it's built for durability, convenience, and sustainability.

Whether for residential or commercial use, the IHP Geyser offers monthly savings of up to **R2,200** and a break-even point within two years, making it not just a smart choice, but a strategic investment in South Africa's energy future

September 2025

POWER 4LESS
ALWAYS ON

pwr4less

Your geyser is the single largest consumer of electricity in your home!

With the revolutionary IHP Geyser® , you could save up to **R26 000** annually , without compromising on performance and comfort.

Upgrade from outdated power-drainer to a refined, energy efficient solution that's setting a new standard in water heating and taking the market by storm.

The IHP GEYSER® is an integrated system with a built-in micro rotary compressor. The complete system (200 / 300 Liter Geyser uses only 0.6kW of power and will heat your water within hours and keep the water hot for up to 48hrs.

- Burst proof
- Long lifespan - 10 year warranty*
- Quality manufacture
- Uses less than a kettle but we HOT!
- Locally and Internationally Certified!
- SMART App

*installed by an IOPSA trained and registered plumber

What do I come with ?

- 1x HYPAflo 600kPa Control valve (22mm)
- 2x Vacuum breakers(22mm)
- 1 x TP Safety Valve 600kPa (Male)
- 1x Drain Cock (Male)

Built to last. Designed to save.

Electric Geyser

- Currently a **150l** electric geyser uses a **3.5kW** electric element to heat water
- It takes approximately **3 hours** to heat water up to **55°C**
- Total power use per day:
  1 showers per day - 15kWh = 456kWh p/m
  456kWh x R3.91= R1,783.00 p/m

- A **200l** electric geyser uses a **4kW**
  2 showers per day - 20kWh = 608kWh p/m
  608kWh x R3.91= R2,377.00 p/m

Downsides:
- Leaks
- Rusts
- Bursts
- Burns out
- Short lifespan

1 year warranty

Solar Geysers

- A Solar water heater has a **2kW** electric heating element which comes on to reheat water at night, and during the winter months.
- The solar geyser needs direct sunlight to heat water efficiently. Cloudy weather or incorrect positioning of solar panels can reduce heating efficiency
- You end up using the **2kW** electric heating element at least 2 hours a day to supplement the hot water at night Even with this , your water temperature is never higher than **55°C**
- Installation between R12 000 - R25 000
- This is a total power use per day of:
  2kW x 2hrs p/d x 30 days
  = 120kWh per month
  120kWh x R3.91 = R469.20 p/m

Downsides:
- Leaks
- Rusts
- Freeze
- Cracks

1 year warranty

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- The IHP Geyser uses **0.6kW** to heat **200l** or **300l** of water. That is up to **85% less power usage**
- It takes approximately **3 hours** to heat water up to **65°C**
- Total power use per day = 1.8kWh per day
  54kWh per month
  54kWh x R3.91 = R211,14 p/m

Advantages:
- Efficient
- SMART
- Does NOT leak
- Does NOT burst
- Made from stainless steel - anti corrosive
- Has an electronic anode
- Long lifespan
- IPX4

10 year warranty

Gas Geysers

- A 200l Gas geyser water heater costs around **R15 000.00 ex. installation**
- **Monthly consumption for a 4-person household (average across winter and summer) : 18.56kg.**

Price per kg/kWh : R37.00 = +/- R706 p/m

- Benefits: quick heating, can function without power, takes little space

Downsides:
- Rusts
- Leaks
- Requires fine tuning for different seasons
- Sensitive to pressure variations
- Might require specific types of shower heads
- Requires safe storage and line for gas bottle
- Requires yearly assessments
- Savings note as significant when gas prices increases. and has a 2kW electric heating element which comes on to reheat water at night, and during the winter months

2 year warranty

FAQ's

Can the IHP Geyser® operate of solar ?

- ABSOLUTELY. The IHP Geyser® can be connected to a solar PV system, allowing it to run off renewable energy further reducing your electricity bill.

Can the IHP Geyser® operate of electricity?

- ABSOLUTELY. The IHP Geyser® is one of a limited number of heating systems that's can operate directly from the grid power supply (utility/Eskom) ,**OR** be powered via any PV system because it uses 0.6kW of power consistently.

How long does it take to heat up water if placed outside during winter?

- The heating time is determined by the ambient temperature. Generally 8 min per degree Celsius.
- If it is really cold, cold and the input water temperature is low, you can activate the booster heating system to accelerate water heating time.
- Note, that if the water in the tank is heated, it will remain hot for up to 48hrs.The tank has 3 layers of insulation that reduces heat loss from the preheated water.

What is costs of hot water and using a dishwasher in a restaurant environment?

- A dishwasher takes in cold water and uses an element to heat water to 55°C.
- This element is a 4kW element and in this environment runs approximately 4 times in a day for 90min at a time.
- A dishwasher energy usage is +/- 24kWh at a cost of R78.00 per day.
- Using the IHP Geyser® will reduce this cost to approximately R7.00 per day for washing dishes with hot water.

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Does the IHP Gevser® need to be installed outside , or can it be installed inside the roof?

- The IHP Geyser ® cannot be installed inside the roof because it needs clean air to operate the heat pump .

What sizes are available?

- The Power4Less IHP Geyser® comes in 200litre and 300litre models, making it suitable for small to large households.

Does the IHP Geyser® need to stand, or can it lie on its side like a normal geyser?

- The IHP Geyser® must stand upright . It cannot lie on its side, because it has a micro rotary heat pump built into the top of the unit that operates using the ambient outside air.

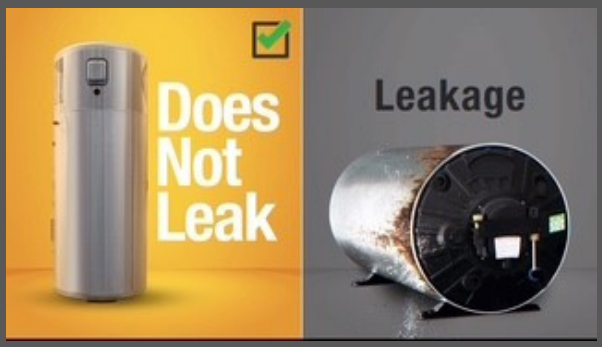
How often does the IHP Geyser® need to be serviced?

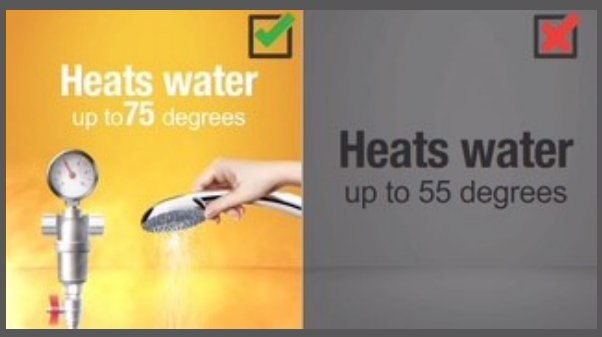
- A service is recommended every 18-24 months to ensure that the unit operates at peak conditions . Maintenance lengths may vary based on climate conditions and frequency of use.

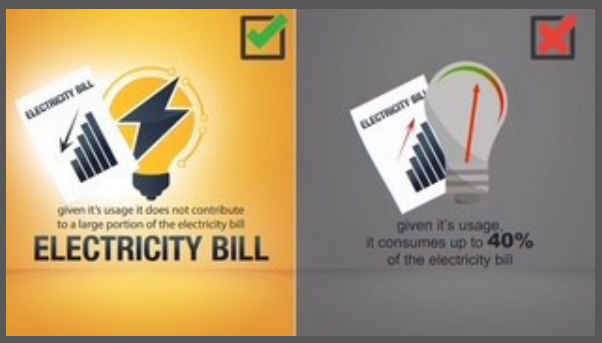
Is the IHP Geyser® certified ?

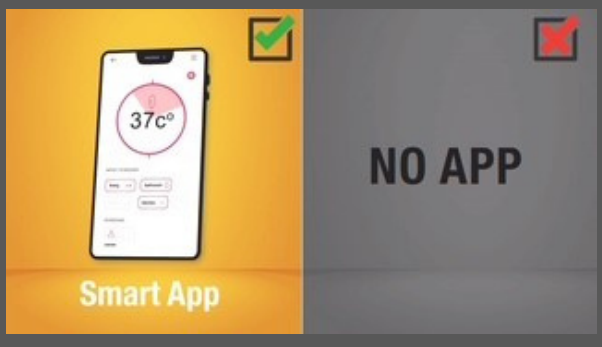
- The IHP Geyser ® is fully certified both locally and internationally:

- IEC/SANS 60335-2-21
- IEC/SANS 60335-2-40
- SANS 151
- IEC 62321-3-1:2013
- IEC 62321-6-:2015
- IEC 62321-8:2017
- EN16147:2017
- EU Energy Efficiency Rating of A+
- EU Certification for ROHS









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