Our Performance is your Peace of Mind

Geysers - Solar Systems - Spare Parts
There are geysers, more geysers – and then there are Heat Tech Geysers. South Africa’s fastest growing, high performance, premium quality hot water solution that is fast becoming the country’s new benchmark in technology and engineering.

Only Heat Tech combines totally unique, state-of-the-art water heating systems with completely environmentally friendly performance and comfort.

Only Heat Tech offers you the harmony of strength and durability for long lasting performance. Benefits that will make the difference where it counts on the bottom line.

“Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skilful execution.”

William A Foster

Delivering peace of mind performance

The Plant

Heat Tech’s manufacturing facility is based in Sunderland Ridge, Centurion, with a manufacturing and warehousing space of 5 000 m², and a distribution centre of 3 500 m², both on a 21 000 m² site, which provides ample room for expansion. Heat Tech uses a combination of proprietary proven manufacturing methods and breakthrough systems that have set new benchmarks in geyser manufacturing standards and throughput.
Heat Tech geysers combine unique, state-of-the-art water heating systems and technologies with environmentally sound performance. This offers a unique balance of strength, durability and reliability.

Heat Tech not only gives the assurance of a fully guaranteed branded product that translates into more satisfied all round customers, but impacts on everyday comfort, where it really counts.

For efficient water heating solutions that turn up the heat on competition, trust Heat Tech the better branded choice.

**Superior heating performance**

The heating element positioned low in the cylinder means water is heated throughout and kept at a constant temperature for longer

**Quality assurance**

There is a 60 month warranty on the inner cylinder; 24 month warranty on TP Valve and Drain Cock and 12 month warranty on electrics

**Strong and durable**

Inner cylinder manufactured from 2 mm enamel quality steel

**Longer-lasting**

A durable, 250 micron enamel lining makes every geyser anti-corrosive and ultra efficient

**Eco-friendly**

Proud geyser manufacturer in South Africa to commercially use Eco-mate foam insulation

**Premium performance**

Our geysers are welded using best practice methods

**Cost-effective to run**

Heat Tech Geysers are designed to use less energy because of state-of-the-art components and insulation materials

**Peace of mind assurance**

Designed and made by industry experts means you can specify Heat Tech geysers with confidence. Plus, they’re manufactured specifically for the South African environment and water conditions

**Easy and convenient**

A dual mounting system makes for simple installation. Plus servicing is simplicity itself

**Easy to maintain**

A magnesium sacrificial anode is easy to access and to replace

**After-Sales Service**

The capillary network of Heat Tech technical assistance centres guarantees emergency and ordinary maintenance operations with the highest level of professionalism

**Meeting market demand**

Wide range and distribution all over South Africa make our geysers ideally suited for most applications

---

**12 Reasons Why you Should Trust only One Name in Geysers**

Manufactured to the highest quality standards, available nationwide with comprehensive back-up service facility, ease of installation and good bottom line potential make Heat Tech the preferred branded trade choice. In addition, Heat Tech exceeds most expectations based on its design, installation and performance features:

- Superior heating performance
- Quality assurance
- Strong and durable
- Longer-lasting
- Eco-friendly
- Premium performance
- Cost-effective to run
- Peace of mind assurance
- Easy and convenient
- Easy to maintain
- After-Sales Service
- Meeting market demand

---

* T&C’s Apply

---

**5 YEAR WARRANTY**

**THICK INNER STEEL TANK 2mm**

**250 MICRON ENAMEL Lining**

**Vertical Installation does not apply to the 50 L Trendline Model**

---

Heat Tech is a South African fast growing manufacturer of branded, premium quality geysers

Heat Tech is a South African fast growing manufacturer of branded, premium quality geysers
Energy efficient, environmentally safe, branded geysers in South Africa

HEAT TECH BRAND ADVANTAGES

APPROVALS / CERTIFICATIONS

- Fully SABS approved
- Meets SANS 151 specifications
- Certified by Jaswic
- Rated IPX4 against water splash

QUALITY & COMPATIBILITY

- Inner cylinder manufactured from 2 mm enamel quality steel
- Designed to work at 600 kPa
- Heat Pump & Solar Compatible
- Heat Tech geysers are designed and engineered for full integration with heat pump systems and solar panels

WARRANTY

- Heat Tech stands by the quality of its products and they are fully guaranteed with:
  - 5 year warranty on the Inner Cylinder
  - 2 year Manufacturers’ Warranty on the TP Valve and Drain Cock
  - 1 year warranty on Electric Components

ENVIRONMENTALLY-FRIENDLY TECHNOLOGIES

- Heat Tech is committed to compliance with and conciliation to industrial practices and procedures in respect of environmental issues and concerns. It uses polyurethane foam insulation to retain heat, deliver optimum efficiency and peak performance while being environmentally responsible.

 HEAT TECH GEYSER CROSS SECTION

1. Sacrificial Magnesium Anode: positioned in the middle of the cylinder for easy replacement and lower corrosion risk.
2. Heating Element: positioned in the cylinder lid for constant temperature and money saving efficiency.
3. Cylinder made from 2 mm coastal quality steel delivers high performance durability.
4. Extra thick insulation: there is a thick layer of high density polyurethane foam which guarantees excellent insulation.
5. Unique inlet and outlet connections makes for a quicker and easier installation process.
6. Cold Water Supply
7. Wall or Floor Mount
8. Stopcock
9. Electrical Cover
10. Flange Plate

6 | www.heattech.co.za www.heattech.co.za | 7
The popular Trendline slim design range provides the ideal solution for the end user looking for a top quality, peak performing, fully guaranteed water heating system that delivers on comfort, hidden “forget me” efficiency and measurable savings.

Thanks to innovative, superbly designed and engineered, eco-friendly polyurethane insulation, Trendline Geyser’s offer long-term annual energy saving performance, superb technical features together with size choice, safety and guaranteed peace of mind comfort. Trendline is compatible with heat pump and solar panel configurations.

While primarily satisfying domestic hot water delivery requirements, Trendline remains one of South Africa’s best selling geyser solutions.

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Trendline 50 L</th>
<th>Trendline 100 L</th>
<th>Trendline 150 L</th>
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<tr>
<td>Nominal Capacity (L)</td>
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<tr>
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<td>Insulation Thickness (mm)</td>
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<tr>
<td>Heating Element (°C)</td>
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<td>75</td>
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<tr>
<td>Insulation Thickness (mm)</td>
<td>22.5</td>
<td>22.5</td>
<td>22.5</td>
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<tr>
<td>Insulation Type</td>
<td>Polyurethane</td>
<td>Polyurethane</td>
<td>Polyurethane</td>
</tr>
</tbody>
</table>

QUALITY & DURABILITY
- Tough ultra efficient 250 micron high-tech, high performance enameling process
- Durable inner cylinder fabricated from 2 mm enamel quality steel
- 5 year Guarantee on inner cylinder
- Best practice welding technology

EFFICIENCY / ENERGY SAVING PERFORMANCE
- Efficient 2.0 or 3.0 kW heating power
- The heating element positioned low in the cylinder guarantees best performances
- Corrosion resisting sacrificial magnesium anode positioned in cylinder centre
- IPX4 rated against water splash
- Energy efficient, eco-friendly polyurethane insulation

DESIGN
- Versatile dual mounting capability - wall or floor
- Convenient, unique inlet or outlet connections
- Flexible, slimline design – for any kind of installation needs

COMFORT
- Convenient 50 L, 100 L or 150 L hot water capacity
- Outlet on top – alleviates airlock and irritating water hammer
- Designed and manufactured by South Africa’s leading industry experts
- Full manufacturer’s guarantee
- SABS approved, certification and compliance

MAINTENANCE
- Accessible, service simplicity – easy to reach
- Time saving – easy part replacement
Thanks to their compact shape, the **Highline** range of geyser are specifically designed to fit into limited or restricted spaces like a closet or into a cupboard. They are fully compatible with heat pump systems and solar panels and with their superior design and uncompromising quality, they deliver safe, large powerful capacity, peak hot water performance, double comfort and complete peace of mind.

Top of the range Highline geyser deliver on 7 points of technical brilliance, large capacity, energy saving yet double peak performance, flexibility and fitting and they are suitable for use in both large residential and commercial building applications.

### TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Highline 200 L</th>
<th>Highline 250 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity (L)</td>
<td>200</td>
<td>250</td>
</tr>
<tr>
<td>Installation</td>
<td>HOR/VERT</td>
<td>HOR</td>
</tr>
<tr>
<td>Mounting</td>
<td>Floor</td>
<td>Floor</td>
</tr>
<tr>
<td>Max Working Pressure (kPa)</td>
<td>600</td>
<td>400</td>
</tr>
<tr>
<td>Heating Element</td>
<td>Spiral</td>
<td>Spiral</td>
</tr>
<tr>
<td>Power (kW)</td>
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<td>4</td>
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<tr>
<td>Voltage (V)</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>IPX Rating</td>
<td>IPX4</td>
<td>IPX4</td>
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<tr>
<td>Max Working Temperature (°C)</td>
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<td>70</td>
</tr>
<tr>
<td>External Diameter (mm)</td>
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<td>525</td>
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<tr>
<td>Prod Depth (mm)</td>
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<tr>
<td>Prod Height (mm)</td>
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<tr>
<td>Weight (kg)</td>
<td>49</td>
<td>58</td>
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<tr>
<td>Insulation Thickness (mm)</td>
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<td>25</td>
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<tr>
<td>Insulation Type</td>
<td>Polyurethane</td>
<td>Polyurethane</td>
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<tr>
<td>Standing Heat loss (WkHr/24Hr)</td>
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<td>320</td>
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<tr>
<td>Safety Valve (kPa)</td>
<td>600</td>
<td>400</td>
</tr>
<tr>
<td>Other Accessories</td>
<td>Safety Valve &amp; Drain Cock</td>
<td>Safety Valve &amp; Drain Cock</td>
</tr>
<tr>
<td>Inlet/Outlet Connection Sizes</td>
<td>3/4” (Female)</td>
<td>3/4” (Female)</td>
</tr>
<tr>
<td>Inlet/Outlet Connection Distance (mm)</td>
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<td>1360</td>
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<tr>
<td>Anode Type</td>
<td>Magnesium</td>
<td>Magnesium</td>
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<tr>
<td>Anode Dimensions</td>
<td>20x4000</td>
<td>20x6000 &amp; 20x400</td>
</tr>
</tbody>
</table>

### QUALITY & DURABILITY
- Tough ultra efficient 250 micron high-tech, high performance welding process
- Durable inner cylinder fabricated from 2 mm enamel quality steel
- 5 year Guarantee on inner cylinder
- Best practice welding technology

### EFFICIENCY / ENERGY SAVING PERFORMANCE
- Powerful 4.0 kW heating element
- The heating element positioned low in the cylinder guarantees best performances
- Corrosion resisting sacrificial magnesium anode positioned in cylinder centre
- IPX4 rated against water splash
- Energy efficient, eco-friendly polyurethane insulation

### DESIGN
- Versatile dual mounting capability - wall or floor
- Convenient, unique inlet or outlet connections
- Flexible, compact design – for any kind of installation need

### COMFORT
- Large 200 L or 250 L hot water capacity
- Outlet on top – alleviates airlock and irritating water hammer
- Designed and manufactured by thought leading industry experts
- Full manufacturer’s guarantees
- SABS approved, certification and compliancy

### MAINTENANCE
- Accessible, service simplicity – easy to reach
- Time saving – easy part replacement
**Solarline Solar Geysers**

**KEEPING ELECTRICITY COSTS OUT OF HOT WATER**

**10 GOOD REASONS TO SELECT THE SOLARLINE RANGE**

1. **Advanced Technology**
   A revolutionary sealed jacket round the storage cylinder enables transfer fluid to flow from the collector panels around the outside of the storage cylinder and quickly transfers its heat to the water stored in the cylinder.

2. **Best Manufacturing Standards**
   The inner cylinder is manufactured from 2 mm enamel quality steel which means greater strength and high performance durability. 250 micron high tech/ high performance enamelling process means better performance and longer geyser life in any water conditions. The SABS mark is testimony that only the best materials, manufacturing techniques and systems are used.

3. **Heat Pump Compatible**
   Solarline geysers are compatible with most heat pump appliances and fittings.

4. **High Density, Heat Retention Eco-Friendly Insulation**
   Environmentally safe polyurethane insulating foam means your water stays hot for longer, at night and even in cloudy weather.

5. **Indirect Systems**
   Indirect have a longer lifespan than direct systems, because they can’t freeze up and crack pipes, even in the coldest conditions. The anti-freeze used is also non-corrosive.

6. **Proven Solar Energy Power**
   Designed to absorb more solar radiation, and transfer it more efficiently, the super-responsive solar collectors achieve maximum absorption of solar energy. Superior quality low iron glass is tough, providing enhanced performance, good protection, hail resistance and physical appearance.

7. **The Eskom Rebateable / IDM Programme**
   Eskom’s Integrated Demand Management programme allows solar heater owners, purchased from registered suppliers, to claim an incentive rebate from Eskom.

8. **Saving on Energy**
   Solar water heaters use much less energy and therefore produce significantly less greenhouse gases than conventional geysers.

9. **Long Life, Low Maintenance**
   The Solarline range is designed with longevity in mind. It has built-in design requirements for easy maintenance in even the harshest climate and water conditions.

10. **Quality Assurance/Guarantees**
    - 5 year warranty on Solar Collector Panel
    - 5 year warranty on the Inner Cylinder
    - 2 year warranty on T&P Valve
    - 1 year warranty on Element & Thermostat

* T&C’s Apply

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The Heat Tech Solarline range comprises of 100, 150 and 200 Litre tank sizes.

These are the automatic switching, dual solar and electric hot water heaters that will become the new benchmark in electricity saving solar geyser technology.

Solarline Geysers combine an indirect, high pressure full double jacket water heating system with long life, environmentally friendly performance regardless of weather conditions, 24/7, 365 days a year.

Solarline Geysers use natural sunlight to heat water, reducing electricity costs.

Best of all, Heat Tech provides the quality assurance of a fully guaranteed, SABS approved product that means favourable trade acceptance, more satisfied customers and maximum all round peace of mind.
**Solarline Solar Geyser**

**QUALITY**
- High pressure 400 kPa
- Maximum absorption of solar energy
- Double jacket around the storage cylinder
- Superior quality, hail resistant, low iron solar glass
- Easy installation on flat or pitched roof
- UV stable covers

**EFFICIENT / ENERGY SAVING**
- Reduced electricity consumption
- No overheating
- Low maintenance, long life
- High density, environmentally safe insulation

**COMFORT**
- Hot water 24/7, 365 days per year

**CAPACITY: 100 L**
- Indirect thermo system
- Heat pump compatible
- 400 kPa (high pressure)
- Hot water regardless of the weather

1. Geyser solar 100
2. 1.5 m² Universal Solar panel
3. Solar installation kit
   - Tempering valve
   - 400 kPa T&P valve
   - Solar relief valve
   - Drain cock
4. 1 x 5 L pre-mixed transfer fluid

**CAPACITY: 150 L**
- Indirect thermo system
- Heat pump compatible
- 400 kPa (high pressure)
- Hot water regardless of the weather

1. Geyser solar 150
2. 2 x 1.5 m² Universal Solar panel
3. Solar installation kit
   - Tempering valve
   - 400 kPa T&P valve
   - Solar relief valve
   - Drain cock
4. 1 x 5 L pre-mixed transfer fluid

**CAPACITY: 200 L**
- Indirect thermo system
- Heat pump compatible
- 400 kPa (high pressure)
- Hot water regardless of the weather

1. Geyser solar 200
2. 2 x 1.5 m² Universal Solar panel
3. Solar installation kit
   - Tempering valve
   - 400 kPa T&P valve
   - Solar relief valve
   - Drain cock
4. 2 x 5 L pre-mixed transfer fluid

**WATER INLET**

**WATER OUTLET**

**100 L solar & electric dual geyser**
Solarline 100 L

**150 L solar & electric dual geyser**
Solarline 150 L

**200 L solar & electric dual geyser**
Solarline 200 L

**Warranty**
- **5 YEAR** Warranty on the Inner Cylinder
- **2 YEAR** Warranty on the TP Valve and Drain Cock
- **1 YEAR** Warranty on the Electric Components

**Closed Syphon System**

**Split Syphon System**

* T&Cs Apply
### TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Solarline 100 L Geyser</th>
<th>Solarline 150 L Geyser</th>
<th>Solarline 200 L Geyser</th>
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<tr>
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<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, Glycol</td>
<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, Glycol</td>
<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, Glycol</td>
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<td>Inlet/Outlet Connection Sizes</td>
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<td>Propylene Glycol / Glycol Mixure of no less than 30% to total closed-loop volume</td>
<td>Propylene Glycol / Glycol Mixure of no less than 30% to total closed-loop volume</td>
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</table>

### INSTALLATION KIT

1. **GEYSER SOLAR RANGE**
   - Model Solarline 100
   - Model Solarline 150
   - Model Solarline 200

2. **UNIVERSAL SOLAR PANEL**
   - 1.5 m³
   - 2.0 m³

3. **SOLAR INSTALLATION KIT**
   - 100kPa expansion relief valve
   - Tempering valve
   - Safety (TP) Valve
   - Drain cock

4. **TRANSFER FLUID 5 L PRE-MIXED**
   - Anti-freeze glycol
   - Model dependant

---

**YEAR WARRANTY**

**400kPa**

**THICK INNER STEEL TANK** 2 mm

**Heat Pump Compatible**
After-Sales Service

Heat Tech “After-Sales Service”
Our mission is to provide “First Class, Countrywide Service” to all Heat Tech customers together with the delivery of a great experience. Our sole purpose is at least to meet and then to exceed customer expectations over the life cycle of the product.

Our Service Philosophy
We believe that service should represent a competitive point of difference and an advantage over competition. It should effectively support and consistently deliver positively against the company image and help to build brand loyalty from our customer base.

A capillary Network of Authorised Service Centres
These are appointed, professionally trained and updated on a continuous basis to ensure the highest level of technical competency, product knowledge and new innovations. This enables Heat Tech to provide the necessary, competent, fast, reliable service to meet and satisfy the needs of all its stockists, installers and customers.

Genuine Heat Tech Spare Parts
These are designed, built and tested to ensure the reliability and continued optimum performance of your Heat Tech product. Using our genuine, branded components, Heat Tech products should always be maintained in the best condition, compliant with regulations, safety configurations and delivering comfort and peace of mind.

SPARE PARTS

1. Pressure Control Value 600 kPa - Green
2. Pressure Control Value 400 kPa - Red
3. Vacuum Breaker - Green 22 CXC 600 kPa
4. Vacuum Breaker - Red 15 CXC 400 kPa
5. Drip Tray
6. Drain Cock
7. Safety Valve
8. Spiral Element 2 KW hard water
9. Spiral Element 3 KW hard water
10. Spiral Element 4 KW hard water
11. Spiral Element 4 KW hard water
12. Magnesium Anode
13. TSE Thermostat

HOW TO CONTACT US

The Heat Tech “Call Centre” is on call 7 days per week at customers’ disposal for any enquiries, product information, for repairs and for Warranty Claim requests.

Contact Details
Email Address:
info@heattech.co.za
service@heattech.co.za
After-Sales Service:
087 943 7470

OFFICE: 087 943 7471
CALL CENTRE: 087 943 7470
For repairs and warranty claims

Visit us:
www.heattech.co.za

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