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

These are 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, HeatTech 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.

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

Our Performance is your Peace of Mind
Solarline
Solar Geysers

**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 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

**SABS approved**
- Over-night energy loss
- Freeze resistant indirect system
- Energy rating
- Over-night energy loss

**11.4 Mj/day**
**17.8 Mj/day**

**Solar installation kit**
- Tempering valve
- 700 kPa T&P valve
- Solar relief valve
- Drain cock
- 1 x 5 L pre-mixed transfer fluid

**Solar Collector Panel**
- Thermal pipe lagging
- Heat transfer fluid feed to solar collector
- Mains water
- Drain cock
- Tempering valve
- Balanced cold water to taps
- Pressure control valve 400kPa

**Vacuum breaker**
- Expansion relief valve 100kPa
- Safety valve
- Thermal pipe insulation
- Heat transfer fluid feed to solar collector

**Solar Water Heater Indirect**
- Balanced cold water to taps
- Mains water
- Tempering valve
- Pressure control valve 400kPa

**Solar Water Heater Direct**
- Balanced cold water to taps
- Mains water
- Tempering valve
- Pressure control valve 400kPa
**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**

**INSTALLATION KIT**

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

**UNIVERSAL SOLAR PANEL**
- 1.5 m²
- 2.0 m²

**SOLAR INSTALLATION KIT**
- Tempering Valve
- 400kPa T&P valve
- Solar relief valve
- Drain Cock

**TRANSFER FLUID 5 L PRE-MIXED**
- Anti-freeze glycol
- Model dependent

**200 L solar & electric dual geyser**
Solarline 200 L
### 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>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (ltrs.)</td>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>IPX Rating</td>
<td>IPX4</td>
<td>IPX4</td>
<td>IPX4</td>
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<tr>
<td>Max Working Temperature (°C)</td>
<td>70</td>
<td>70</td>
<td>70</td>
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<tr>
<td>External Diameter (mm)</td>
<td>525</td>
<td>525</td>
<td>525</td>
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<tr>
<td>Prod Depth (mm)</td>
<td>930</td>
<td>1300</td>
<td>1680</td>
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<tr>
<td>Prod Height (mm)</td>
<td>550</td>
<td>550</td>
<td>550</td>
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<tr>
<td>Weight (kg)</td>
<td>38.5</td>
<td>53</td>
<td>69</td>
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<tr>
<td>Insulation Thickness (mm)</td>
<td>50</td>
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<tr>
<td>Insulation Type</td>
<td>Polyurethane</td>
<td>Polyurethane</td>
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<tr>
<td>Energy Rating</td>
<td>11.4 MJ/day</td>
<td>17.8 MJ/day</td>
<td>24.5 MJ/day</td>
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<tr>
<td>Standing Heat loss (kW/h)</td>
<td>1.21</td>
<td>1.94</td>
<td>2.26</td>
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<tr>
<td>Safety Valve (kPa)</td>
<td>400</td>
<td>400</td>
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<tr>
<td>Other Accessories</td>
<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, SL Glycol</td>
<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, SL Glycol</td>
<td>Safety Valve &amp; Drain Cock, 100kPa Relief Valve, Tempering Valve, SL Glycol</td>
</tr>
<tr>
<td>Inlet/Outlet Connection Sizes</td>
<td>3/4” (Female)</td>
<td>3/4” (Female)</td>
<td>3/4” (Female)</td>
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<tr>
<td>Inlet/Outlet Connection Distance (mm)</td>
<td>720</td>
<td>1100</td>
<td>1470</td>
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<tr>
<td>Anode Type</td>
<td>Magnesium</td>
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<td>Anode Dimensions</td>
<td>20x600</td>
<td>20x850</td>
<td>20x1000</td>
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<td>Heat Exchanger</td>
<td>Double Jacket</td>
<td>Double Jacket</td>
<td>Double Jacket</td>
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<td>Thermal Transfer Process</td>
<td>Thermosyphon Action</td>
<td>Thermosyphon Action</td>
<td>Thermosyphon Action</td>
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<tr>
<td>Collector Aperture Area (net)</td>
<td>1.5</td>
<td>2</td>
<td>2x1.5 (3m)</td>
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<tr>
<td>Resistance to Hail</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Resistance to Freezing</td>
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<td>Collector Hail Cover</td>
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<td>Fluid Channel Material</td>
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<tr>
<td>Closed-loop Transfer Fluid</td>
<td>Propylene Glycol / Glycol Mixture of no less than 30% to total closed-loop volume</td>
<td>Propylene Glycol / Glycol Mixture of no less than 30% to total closed-loop volume</td>
<td>Propylene Glycol / Glycol Mixture of no less than 30% to total closed-loop volume</td>
</tr>
</tbody>
</table>

### How to Contact Us

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

The HeatTech “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  

Visit us: www.heattech.co.za