WHAT IS THE BEST HEATER FOR YOUR APPLICATION?

Select the appropriate circulation heater based on the total wattage needed for your application. Wattage based on:
- Engine Size (L)
- Minimum Ambient Temperature
- Coolant Temperature Rise
- Warm Up Time

FEATURES
- Regulating Thermostat
  35-50°C (95-122°F)
  34-40°C (93-104°F)
- Safety thermostat 110°C (230°F), for overheat protection
- Cast aluminum housing
- 3/4" BSPP threaded fluid connectors
- Compact design
- 2 m (6-1/2’ ft) power cord
- Integrated mounting holes

BENEFITS
- Engine starts at full load
- Reduction of fuel consumption
- Reduces engine wear & stress on hoses & fittings
- Lower emissions during startup

APPLICATIONS
- Diesel Gensets
- Gas Gensets
- Industrial Engine Applications

THERMOGEN
A passive heating system based on natural convection that circulates coolant without a mechanical pump. Thermosiphon heaters are installed at the lowest point in a system, warm the coolant, and thermal convection circulates the coolant within the system.

phillipsandtemro.com
### THERMOGEN

#### INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>PTI Europe Part Number</th>
<th>Hertz</th>
<th>Volts</th>
<th>Phase</th>
<th>Watts</th>
<th>Regulating Thermostat</th>
<th>Safety Thermostat</th>
<th>Cord Length</th>
<th>Plug Type</th>
<th>Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>THG23013000 32-40 M</td>
<td>50/60</td>
<td>230</td>
<td>1</td>
<td>3000</td>
<td>32-40°C</td>
<td>110°C</td>
<td>2 m</td>
<td>Blunt 3-Wire</td>
<td>CE</td>
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**Outlet Port**: 3/4" BSPP

**Inlet Port**: 3/4" BSPP

**Blunt Power Cord**: 2 m (6-1/2' ft)