

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.

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



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

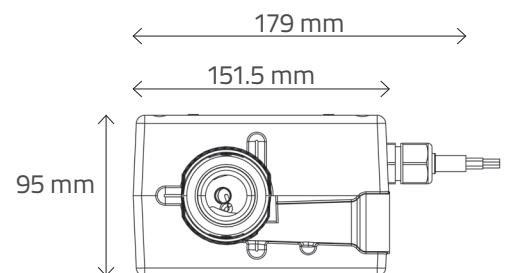
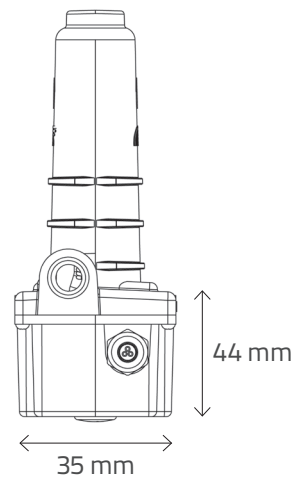
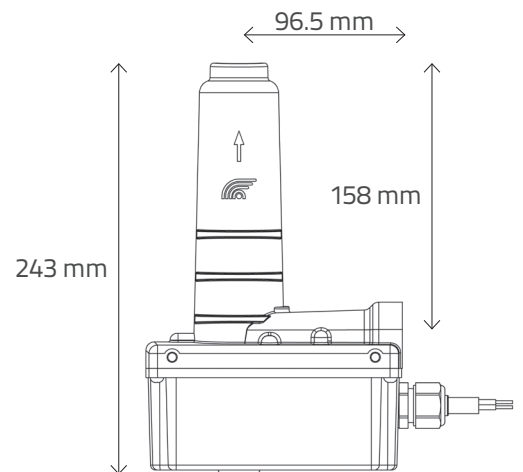
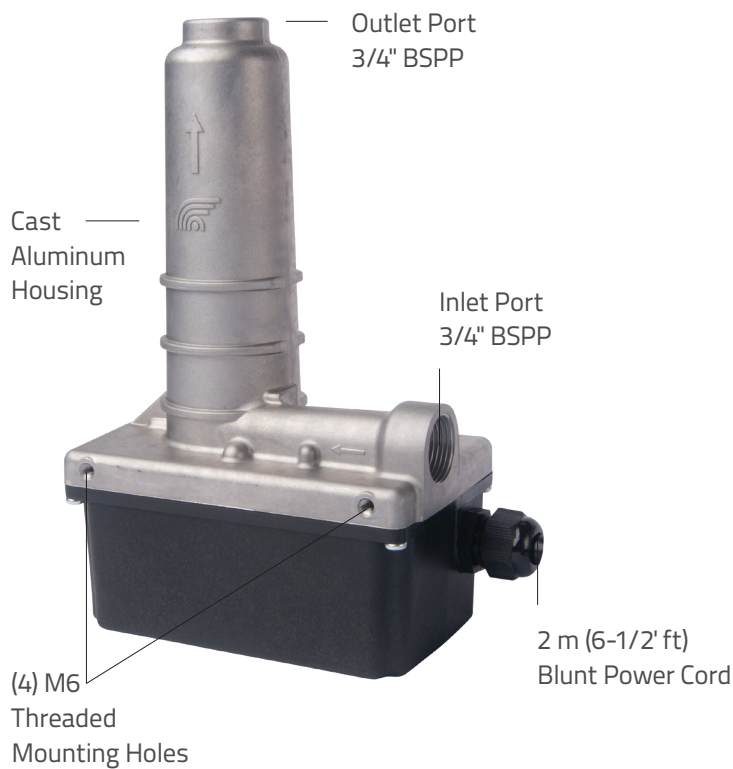
FEATURES

- 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

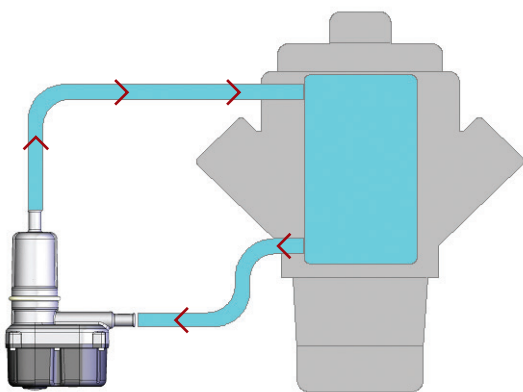
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INSTALLATION DIAGRAM



| PTI Europe Part Number | Hertz | Volts | Phase | Watts | Regulating Thermostat | Safety Thermostat | Cord Length | Plug Type | Certifications |
|------------------------|-------|-------|-------|-------|-----------------------|-------------------|-------------|--------------|----------------|
| THG23013000 32-40 M | 50/60 | 230 | 1 | 3000 | 32-40°C | 110°C | 2 m | Blunt 3-Wire | CE |
| THG23013000 35-50 M | 50/60 | 230 | 1 | 3000 | 35-50°C | 110°C | 2 m | Blunt 3-Wire | CE |
| THG23014000 32-40 M | 50/60 | 230 | 1 | 4000 | 32-40°C | 110°C | 2 m | Blunt 3-Wire | CE |
| THG23014000 35-50 M | 50/60 | 230 | 1 | 4000 | 35-50°C | 110°C | 2 m | Blunt 3-Wire | CE |

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