

# Preheater SlimStartEco

The SlimStartEco is a complete coolant preheater with forced circulation, easy to install on a big variety of small engines.

## **Applications**

Generators sets, diesel engines, safety, marine, heavy equipment...

### The best of technology

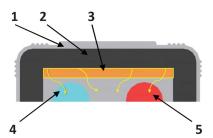
Self-regulating heating elements. Dry operation, without insulation breakdown hazard. No direct contact between fluid and heating elements. Withstands insulation tests in cold or hot conditions.

#### **Specifications**

Pump ITT-LOWARA ECO-B-15-1/65 (electronic switching motor). Very low consumption: 14 watts for a 600 L/h (158.5 gal/h flow rate). Built-in overheat and dry-operation safety device. Vertical or horizontal position.

- 100-240 Volts 50/60 Hz power supply
- Aluminum heating body
- Water inlet and outlet: G F½"

- Manual bleed valve
- Protective cover and internal insulation to further increase efficiency
- Safety thermostat
- Temperature range: 30-45°C

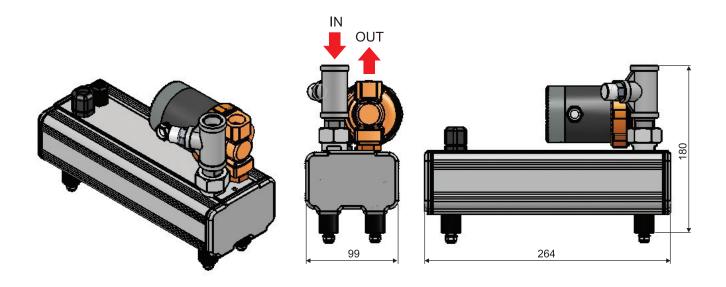


Cross-section view:

- 1. Aluminum cover
- 2. Insulation
- 3. Heating elements
- 4. Fluid input
- 5. Fluid output

All the components are certified CE, UL and CSA





Model	Power	Amperage/240 V	Voltage	Frequency
SlimStartEco 500	500 Watts (*)	2.5 A /240 V	100-240 Volts	50/60 Hz
SlimStartEco 1000	1,000 Watts (*)	5 A /240 V	100-240 Volts	50/60 Hz
SlimStartEco 1500	1,500 Watts (**)	6.5 A /240 V	100-240 Volts	50/60 Hz
SlimStartEco 2250	2,250 Watts (**)	10 A /240 V	100-240 Volts	50/60 Hz
SlimStartEco 3000	3,000 Watts (**)	13 A /240 V	100-240 Volts	50/60 Hz

<sup>(\*)</sup> Light vehicles, 3 L displacement engine, 10 L (2.6 gal) water capacity up to -15°C min. or 15 L (4 gal.) capacity up to +10°C (50°F) min.

#### (\*\*) With control thermostat.

# Types of engines and validation

Diesel, fuel, LPG engines.

Our power simulation software can help confirm your choices...

## **Energy gain**

The output automatically and proportionally decreases when the engine temperature increases, to reach the minimum power required to maintain the engine temperature.

#### **Accessories**

- 4 anti-vibrations pads M6
- 2 fixing brackets with screws M8 (Screws, nuts, washers)

A A B C D E F G

Pump ITT-LOWARA ECO-B-15-1/65

Demp A/S reserves the right to modify the technical specifications contained in this document without notice. No contractual document.

