

History

Carlor Engineering, ISO 9001 certified Belgian manufacturer, it is 15 years experience in the development of electric coolant heaters for all types of water-cooled engines. Carlor Engineering quickly became the leader in this field with the assets of a small company: reactivity, adaptation to market demand, quality and reliability.





TOPSTART

4 to 12kW

Preheating system with pump

The TopStart is an electric coolant heater for all types of water-cooled engines. It is universal, reliable, easy-to-install and maintenance-free.

The 4-12 kW heaters are suited for large industrial engines in both stationary (generator sets) and mobile applications (generator sets, diesel locomotives). The heater can be put into service a few hours before starting the engine, in order to keep the engine permanently at the required temperature. This ensures an easy full power start whatever the ambient temperature and avoids cold start mechanical damage.

The system has also following advantages: fuel savings, decreasing pollution, reduced engine wear, no more difficult cold starts, vehicle cab heater instantly operational.

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APPLICATIONS



Strong die-casted aluminium body 100% recyclable

- Very compact product with integrated circulating pump for quick and homogeneous preheating
- Integrated circulating pump saving electricity and improving the life cycle of engine components
- Heatingelement with top-quality shielding and low specific power, increasing its lifecycle and that of the coolant

Product benefits

- Control thermostat with high cutout power for an optimised life cycle
- Safety thermostat with manual re-set option to protect the heating element if water levels in the circuit are low or if the control thermostat fails
- High waterproofness
- Easy replacement of parts
- Two years warranty on labour and spare parts

