

## Thermo Top Pro 120 / 150

Greater performance and innovation in terms of customer comfort & safety



The Thermo Top Pro 120 and Thermo Top Pro 150 constitute a new generation of water heaters in the high-performance categories of 12 and 15 kW. The powerful heaters are each available in 12 and 24 V versions and are ideally suited for use in trucks, mini and midi-buses, construction vehicles and agricultural equipment.

The heaters feature an innovative burner concept and an intelligent diagnosis and security system. Sensors monitor the exhaust gases and coolant temperature and continuously transmit the values to the control unit. One of the new features in this performance class is the automatic altitude adjustment. On one hand, the automatic altitude compensation ensures full heating capacity at altitudes of up to 3,500 meters above sea level. On the other, the heater also functions at extreme temperatures as low as minus 40 degrees Celsius. The compact size and light weight enable easy installation of the water heater, even in confined spaces.

The new cooling pump 4850 provides a high volume flow and improved pressure resistance. Furthermore it does have an intelligent self-protection function and communicates to the ECU. The diagnosis process provides analysis of the heater as well as the cooling pump performances. The result: easy diagnosis and quick maintenance within the workshop.

- **Small, light and lean design**
- **100% paraffinic diesel fuel (incl. renewable fuels, such as HVO, and GtL)**
- **ECU and all connections on one side**
- **Easy to reach plugs for a fast installation**
- **Low noise emission**
- **Automatic altitude compensation up to 3,500 m NHN**
- **More safety and diagnostic functions**
- **New, powerful coolant pump 4850 to cover all your complex applications**
- **Suitable for use in vehicles for transporting hazardous materials (ADR)**



Truck



Light Vehicles



Bus



Rail



Off-Highway



Defense



Special Vehicles

## Technical data

Model overview	Thermo Top Pro 120	Thermo Top Pro 150
Heating Capacity (kW)	12	15
Fuel consumption (kg/h)	1.37	1.45
Nominal voltage (V)	12/24	
Rated power consumption without coolant pump U4850 (W)	80	100
Fuels	Diesel DIN EN 590, Heating oil (EL) DIN 51603,B30 DIN E 14212, HVO/GtL DIN EN 15940	
Operating temperature range (°C)	-40 to +80	
Dimensions L x W X H (mm)	470 x 200 x 200	
Weight (kg)	11	

Coolant Pump U4850	
Volume flow against 0.56 bar (l/h)	1,500
Weight (kg)	0.66
Dimensions (mm)	117.8 x Ø 80