Webasto
Feel the Drive

Thermo Top Pro 120/150

Next generation of high-performance water heaters for more comfort, safety and reliability



The Thermo Top Pro 120 (12 kW) and 150 (15 kW) constitute a new generation of water heaters in the high-performance segment. They are each available as 12 and 24 volt variants and are ideally suited for use in construction and agricultural machinery, small to mid-sized buses, electric buses (as range extender at cold temperatures) and trucks.

Thanks to its efficient burner design as well as the intelligent diagnostic and safety system the heater fits in perfectly with the current times. Several sensors monitor exhaust gases as well as the coolant temperature and transmit these values to the control unit. New is the automatic altitude adjustment as basic equipment which ensures full heating performance up to 3,500 meters above sea level.

Key benefits at a glance:

- Proven technology for a wide range of applications
- Automatic altitude adjustment up to 3,500 m above sea level as standard
- Various safety and diagnostic features
- Easily accessible connections
- Compact design
- Powerful coolant pump U4850
- Approved for paraffinic diesel fuels (HVO, GTL)
- Suitable for use in vehicles for transporting hazardous materials (ADR)

In addition to this the heater is also ready for use under extreme conditions such as minus 40 degrees Celsius. Moreover, its compact size relating to its performance simplifies the installation in confined spaces.
The powerful coolant pump U4850 is part of the basic scope of delivery and provides a high volume flow as well as a good pressure resistance. It comes with an intelligent self-protection function and communicates with the heater's control unit permanently. So, the diagnostic process offers both an analysis of the heater and performance data of the coolant pump. The result: Simple diagnosis and quick maintenance in the workshop. Unlike with the basic scope of delivery, the "CPoff" version, which is only available in 24-volt variant, enables customers to also use their individual coolant pump. It is recommended though to use the basic version as the heater is designed for the U4850 which makes it the perfect combination.

Truck | Bus | Off-Highway | Specialty vehicles

Technical specifications

	Thermo Top Pro 120	Thermo Top Pro 150
	Diesel	
ECE approval number ECE R 122 (heating)	E1 00 0480, E1 00 0481	
ECE approval number ECE R 10 (EMC)	E1 05 7735	
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, Diesel B20-B30 DIN EN 16709, Paraffinic fuel (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	
Automatic altitude compensation (m)	3,500	
Coolant pump U4850		
Volume flow against 0.56 bar (l/h)	1,500	
Dimensions L x W x H (mm)	118 x 80 x 104	
Weight (kg)	0.7	

* Information about further fuels on request

Scope of delivery basic

- Heater
- Coolant pump U4850, incl. brackets
- Splash guard (for combustion air intake)
- Fuel connectors
- Technical documentation

Scope of delivery CPoff

(without coolant pump and without its control**)

- Heater
- Splash guard (for combustion air intake)
- Fuel connectors
- Technical documentation

Installation kit

- Wiring harness heater/coolant pump/vehicle fan
- Exhaust kit
- Coolant hose
- Fuel hose and filter
- Mounting material

**Further details regarding the CPoff variant, please see workshop manual
***Please see our product catalog for further controls

Recommended control elements***

UniControl



- Mounted via unversial DIN slot
- Quick and intuitive operation thanks to large TFT display and multifunction button
- Individual operating time between 10 - 120 minutes or continuous heating
- Instrument lighting (terminal 58) & Ignition plus (terminal 15, for ad hoc continuous heating)
- Suitable for use in vehicles for transporting hazardous materials (ADR)

MultiControl HD



- Mounting on vehicle dashboard via adhesive pad or mounting frame
- Quick and intuitive operation thanks to large TFT display and multifunction button
- Individual operating time between 10 - 120 minutes or continuous heating
- Cover panel dimensions (L x W) 68 x 48 mm

Rocker switch ON/OFF



- Operation indicator and fault display by blink code
- Cover panel dimensions (L x W): 23 x 23 mm (drilling hole 20 mm, necessary)

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Contact details

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