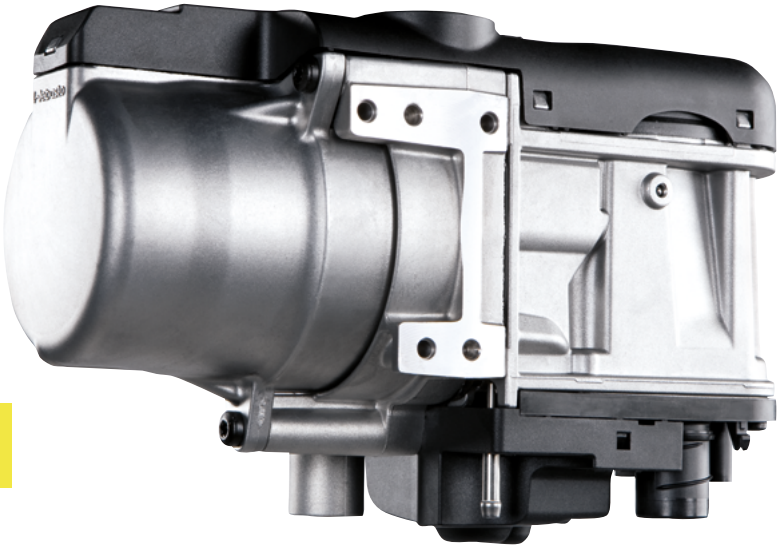
Webasto
Feel the Drive

Thermo Top Evo Smart

Versatility redefined: Enjoy extra warmth anywhere, anytime



New with LIN

Our all-rounders among parking heaters have been made more than future-proof with the Thermo Top Evo Smart: Future market requirements for passenger cars, recreational vehicles (RV), boats, and commercial vehicles have already been taken into account.

Easy system integration and cross-communication is key for this major product update. The heater is easy to integrate into vehicles thanks to wide range of supported communication types, i.e., analogue, LIN, CI and W-Bus – which gives installation partners huge flexibility boost. A set of universal installation kits have been created to reduce complexity and quantity of article numbers.

The Thermo Top Evo Smart heats with gasoline, diesel, and even modern biofuels without any power restrictions. Additionally, comfort heating is one of the major updates. It combines pleasant warmth, which is automatically regulated, with a quiet and efficient mode. Furthermore, the heater uses a partial load mode to reduce emissions and noise in comfort heating mode. With intelligent heating power control (1.8 - 5 kW), the device ensures efficient heating operation according to temperature conditions.
The heater is also certified according to the cybersecurity standard DIN 21434 – even for retrofitting.

Key benefits at a glance:

- Suitable for car, RV, marine and commercial applications
- Vehicle specific installation kits with universal scope of delivery are available
- Comfort heating function combined with a silent and efficient lower heating power mode at 1.8 kW
- Allows cross communication with different types of communication standards, i.e. LIN, CI, W-Bus
- Adapted for all modern and sustainable fuel types, i.e. gasoline, diesel and future-proof bio-fuels (HVO, E85 approved)
- Meets the new, high safety requirements according to cyber security standard DIN 21434, also for retrofitting

New RV features

The version of Thermo Top Evo Smart for camping vehicles can also be used in automatically controlled comfort heating mode, both in diesel and in gasoline vehicles.
The additional Altitude Kit, ensures use at altitudes of up to 3,000 meters. The Silent Kit is available for applications where the heater needs to be extra quiet.

Car | Light vehicles | Recreational vehicle | Marine | Specialty vehicles

Technical specifications

	Thermo Top Evo Smart 4 kW CAR AM		Thermo Top Evo Smart 5 kW CAR AM		Thermo Top Evo Smart 5 kW RV/HD	
Model overview	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0258		E1 00 0258		E1 00 0258	
ECE approval number ECE R10 (EMC)	E1 06 5627		E1 06 5627		E1 06 5627	
Declaration of comformity (CE)	CE		CE		CE	
Heating capacity (part load/full load) [kW]	1.8 / 4.0		1.8 / 5.0		1.8 / 5.0	
Fuel consumption (part load/full load) [l/h]	0.23 / 0.49	0.28 / 0.56	0.23 / 0.62	0.28 / 0.70	0.23 / 0.62	0.28 / 0.70
Nominal voltage (V)	12		12		12	
Communication	analog / W-Bus / LIN / CI-Bus		analog / W-Bus / LIN / CI-Bus		analog+blinkcode / W-Bus / LIN / CI-Bus	
Cyber security	ISO 21434		ISO 21434		ISO 21434	
Function	depending on control element up to 120 min		depending on control element up to 120 min		comfort heating	
Function (with optional kit)	high altitude up to 3000 m		high altitude up to 3000 m		high altitude up to 3000 m	
Rated power consumption, part load/full load (W)	12/21	15/21	12/33	15/33	12/33	12/33
Fuels	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15
Operating temperature (°C)	-40 to 60		-40 to 60		-40 to 60	
Dimensions L x W x H (mm)	218 x 91 x 147		218 x 91 x 147		218 x 91 x 147	
Weight (kg)	2.1		2.1		2.1	
Coolant Pump UP500						
Volume flow against 140mbar / 23° C (l/h)	450		450		450	
Dimensions length x diameter (mm)	89 x 53		89 x 53		89 x 53	
Weight (kg)	0.25		0.25		0.25	

Scope of delivery

- Core heater and product documentation for maximum flexibility to combine with standard kit or model specific application sets

Installation kit

- Universal installation material for water application with UP500, air flow material for burning and exhaust, fuel line including fuel pump
- Multiple vehicle specific installation kits available for older models on request

Control elements

ThermoConnect TCon2

Remote control Telestart T99

Remote control Telestart T100 HTM

MultiControl (RV Classic) (12V)

Rocker switch ON/OFF

Contact details

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