

Thermo Pro 50 Eco

Light and powerful



The Thermo Pro 50 Eco is designed especially for use in light trucks and small to medium-sized commercial and special vehicles. Its compact dimensions and low weight enable it to be installed even in restricted space conditions. This means that the engine can be raised to the operating temperature even before starting, thereby saving fuel. The innovative control system ensures a pleasant temperature inside the vehicle, even when stationary and during breaks.

- Engine-independent heating mode for commercial vehicles with a 2.5 to 5 KW heating capacity
- Weighing just 2.2 kg, this is the lightest heater in its class
- A high-quality product with a service life of 3,000 hours
- Economical and with low emissions thanks to high efficiency
- New functions such as altitude compensation and residual heat utilization
- Available for retrofit and as original equipment



Trucks



Light-duty Vehicles



Off-highway



Defense



Special Vehicles

Technical data

Thermo Pro 50 Eco	
	Diesel
ECE approval number ECE R122 (heating)	E1 00 0334
ECE approval number ECE R10 (EMC)	E1 04 6271
Heating capacity, part load/full load (kW)	2.5/5.0
Fuel consumption, part load/full load (l/h)	0.3/0.65
Nominal voltage (V)	24
Rated power consumption without coolant pump, part load/full load (W)	28/46
Fuels	Diesel EN 590; Biodiesel with up to 30 % FAME DIN EN 14214; Heating oil (EL) DIN 51603; NATO fuels F34, F58, F63
Operating temperature range (°C)	-40 to +80
Dimensions L x W x H (mm)	218 x 91 x 147
Weight (kg)	2.2
Automatic altitude compensation (m)	3,500
Coolant pump U4847 Econ	
Volume flow against 0.14 bar (l/h)	500
Dimensions L x W x H (mm)	96 x 75 x 80
Weight (kg)	0.3

Scope of delivery

- Heater, coolant pump U4847 Econ, fuel pump DP42

Installation kit

- Heater cable harness, fuel pump cable harness, exhaust muffler, air intake muffler, fuel hose Da 5/Di 2/L 6000, molded coolant hose Di 20/Da/29/L 2200, flexible aluminum combustion air pipe Di 21.4/L 400, flexible stainless steel exhaust pipe D 22/L 1000, heater mount

Bedienelemente

- MultiControl HD
12/24 V, cover panel dimensions (L x W) 68 x 48 mm, installation depth: 15 mm, quick and intuitive operation thanks to a large TFT display and multifunction button, status display of operating states via multicolored LED, self-explanatory menu control for heating, ventilation and timer control, 3 preselectable on-times per day, programmable for 7 days in advance, internal temperature sensor/display of room temperature on display, diagnostic interface for W-bus heaters and Thermo Test



- Rotary switch with function indicator 12/24 V, switching current 15 amps, green light to indicate operation, with switch position plate and connection plugs



- Standard digital timer 12/24 V, integrated wake-up function 3 preselectable on-times per day, programmable 7 days in advance, continuous heating possible, in the case of DBW 2010/2016 and Thermo 230/300/350, operation is only possible in combination with relays, cover panel dimensions (L x W): 89 x 42 mm, installation depth including plug: 51 mm, limited availability due to end of production

