

ReformTech

THE WORLD'S CLEANEST AUXILIARY HEATER!



**ULTRA LOW
EMISSIONS**

**HIGH
EFFICIENCY**

**ROBUST
PERFORMANCE**

**COMPETITIVE
PRICE**

PRODUCTS

ReformTech provides heaters for a diversity of applications. Choose between state of the art fuel fired heaters, catalytic heaters and electrical heaters.

Based on a unique technology platform of clean and catalytic fuel processing ReformTech develops clean and catalytic heater products. ReformTech's technology enables superior heating performance together with reduced emissions through new reactor design and catalytic combustion.

These low emission fuel operated heaters makes it possible to greatly improve the performance of diesel and gasoline powered heaters, which is getting more important as engines get more efficient and produce less excess heat.

For the next generation of hybrid and electrical vehicles ReformTech's novel heater technology helps enable a wide market acceptance by significantly prolonging the electrical range in cold weather while maintaining the green footprint (i.e. all scarce battery power can be used for propulsion and is not "wasted" on heating).

CATALYTIC HEATERS

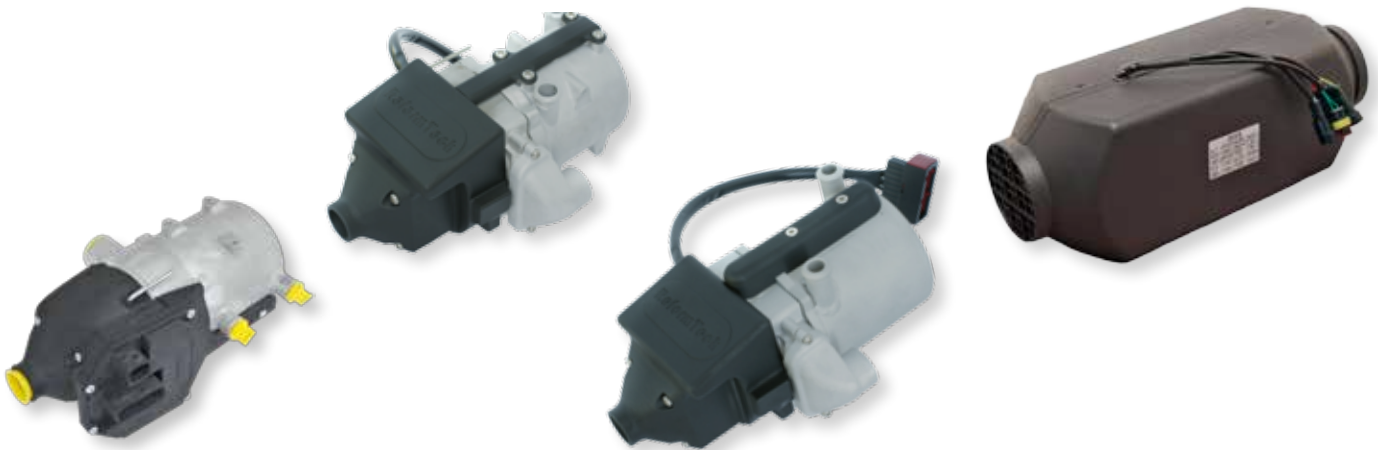
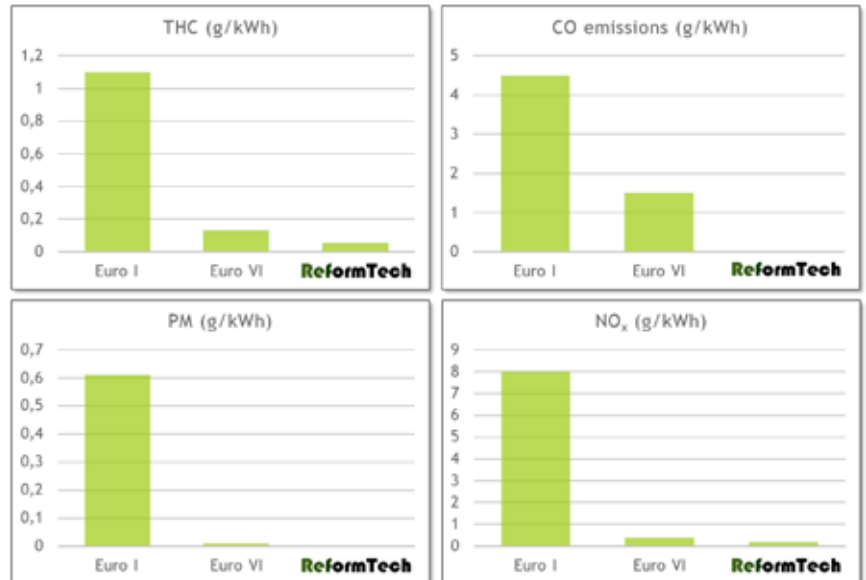
The catalytic heater utilizes a clean combustion over a catalyst, in which the fuel is directly oxidized to CO₂ and water at controlled temperatures. The reaction is silent and the catalyst makes it possible to nearly eliminate all poisonous emissions (NO_x, CO) and particulates.

CLEAN HEATERS

ReformTech has designed a unique set of clean heaters with high thermal efficiency and ultralow emission of particles, carbon monoxide (CO) and nitrous oxides (NO_x). The heaters are equipped with an innovative start-up design which allows the user with instant heat from the burner.

ReformTech's fuel driven heaters have many advantages:

- high efficiency
- very low dangerous emissions,
- low cost and robust performance
- modular and scalable design
- multifuel platform, both renewable & fossil



PRODUCT OVERVIEW/TECHNICAL FEATURES

	5kW	7kW	10kW	12kW
Heat output (kW)	2-5	3-7	3-10	5-12
Fuel	Diesel, Gasoline, Methanol, Ethanol, Bio-Diesel, LNG, Propane etc.			
Fuel consumption	Diesel, 0.2 - 0.5 l/h	Diesel, 0.3 - 0.7 l/h	Diesel, 0.3 - 1.0 l/h	Diesel, 0.5 - 1.2 l/h
Rated voltage (V)	12/24	12/24	12/24	12/24
Rated power consumption (W)	10 - 35	10 - 35	20 - 100	20 - 100
Air flow (m3/h)	10 - 25	15 - 35	15 - 50	20 - 60
Approx. dimensions (L x W x H in mm)	<200 x 100 x 100	<220 x 100 x 120	<300 x 150 x 200	<300 x 150 x 200
Weight (kg)	< 2,5	< 3	< 8	< 8
Particulate content out (ppm)	~0	~0	~0	~0
NO _x content out (ppm) (catalytic)	<20	<20	<20	<20
CO content out (ppm) (catalytic)	<5	<5	<5	<5

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