

COOLANT HEATERS | SAVE MONEY AND THE ENVIRONMENT

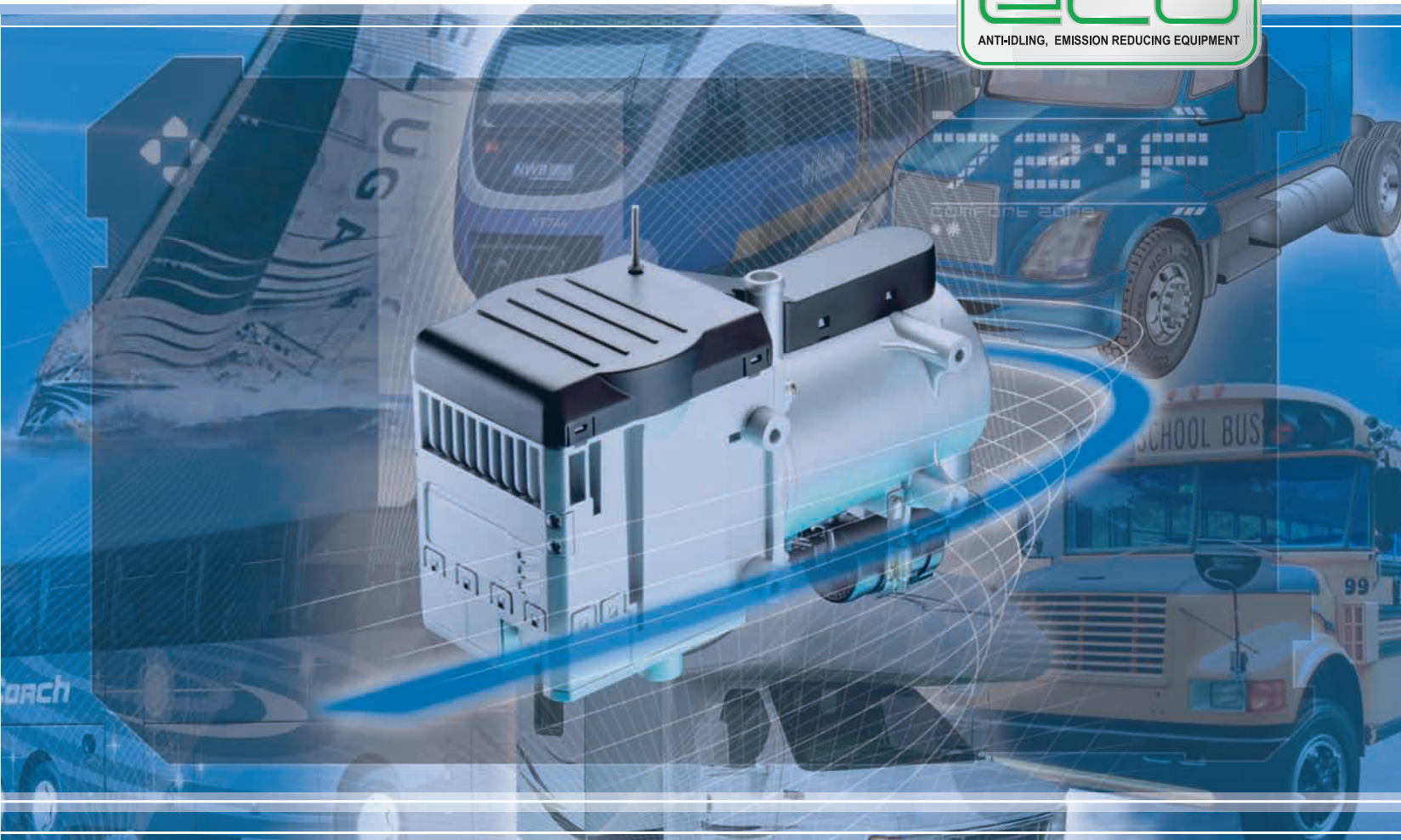


CLIMATRANS INC.

[www.climatrans.com](http://www.climatrans.com)

Eastern Canada

## HYDRONIC M-II



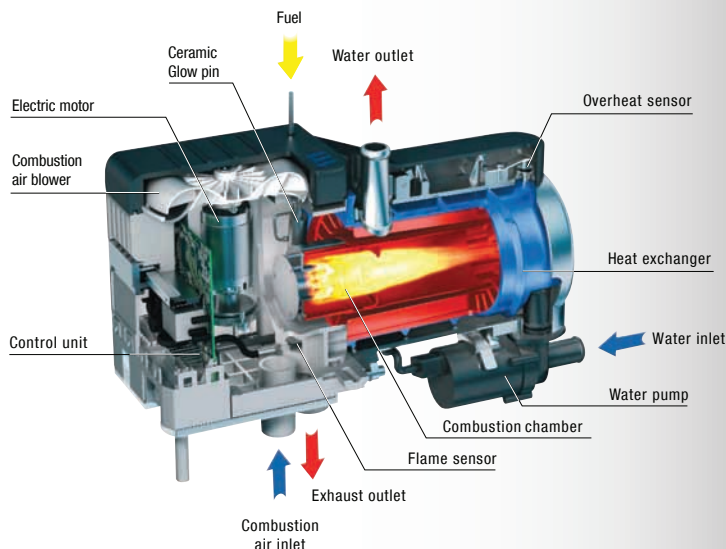
A WORLD OF COMFORT



## HYDRONIC M-II

### COOLANT HEATER

This series of heaters is powerful, compact and light weight but rugged in design making it ideal for providing engine, fuel and hydraulic pre-heat for off-road equipment. It is also ideal for providing both engine and supplemental cabin heat for buses and boats.



HYDRONIC COOLANT HEATERS		HYDRONIC M8 (Biodiesel)	HYDRONIC M10	HYDRONIC M12
Heat Output 12V BTU/hr (kW) 24V		5,120 (1.5) 27,300 (8.0)	5,120 (1.5) 32,437 (9.5)	4,100 (1.2) 41,000 (12)
Fuel Consumption 12V U.S. gal/hr (l/hr) 24V		0.24 (0.90) 0.05 (0.18)	0.32 (1.2) 0.05 (0.18)	0.40 (1.5) 0.04 (0.15)
Electrical Consumption 12V		2.9 - 4.6 amps	2.9 - 7.2 amps	2.8 - 11 amps
Weight		13.7 lbs. (6.2 kg)	13.7 lbs. (6.2 kg)	13.7 lbs. (6.2 kg)

### SIMPLE, EFFICIENT & CONVENIENT!

The M series heaters have automatic altitude compensation and multiple operating speeds for reduced amp draw.

The coolant heaters can be boxed for protection against the elements. These units are bio-diesel compatible and are ideal for off-road and non-mobile equipment as well as school buses.

HYDRONIC coolant heaters can preheat the engine, indirectly heat the cab and provide auxiliary heat for fuel and hydraulic tanks and other service fluids. The M-II represents the latest in fuel operated coolant heater technology.

The M-II series of heaters is available in one size with the option of four power levels.

- Output control in small increments (1.2 - 12 kW)
- Ceramic glow pin
- Electrically commuted motors for combustion air, fan and water pump
- Heater can be mounted in different positions and angles for installation flexibility
- Biodiesel-compatible (8 kW version) up to 100%
- EPA verified/CARB compliant for use anywhere in North America



(800) 387-4800

(905) 670-0960

www.espar.com

inquiries@espar.com