



Espar Heater Systems

www.espar.com
inquiries@espar.com
U.S.: 800-387-4800 Canada 800-668-6676

Sales & Service



Espar Heater Systems

P/N: 601-222-0997

6435 Kestrel Rd. • Mississauga • Ontario • L5T 1Z8 • Canada

17370 N. Laurel Park Dr. • Suite 400E • Livonia • Michigan • 48152 • U.S.

DODGE

LOVERS this ones for you!

New!

From

Espar Heater Systems

...more heat than you've ever had before



Espar's D4W

HYDRONIC*

Water Heater

Independent fuel fired
heater for engine preheat,
cab preheat and
supplemental heat

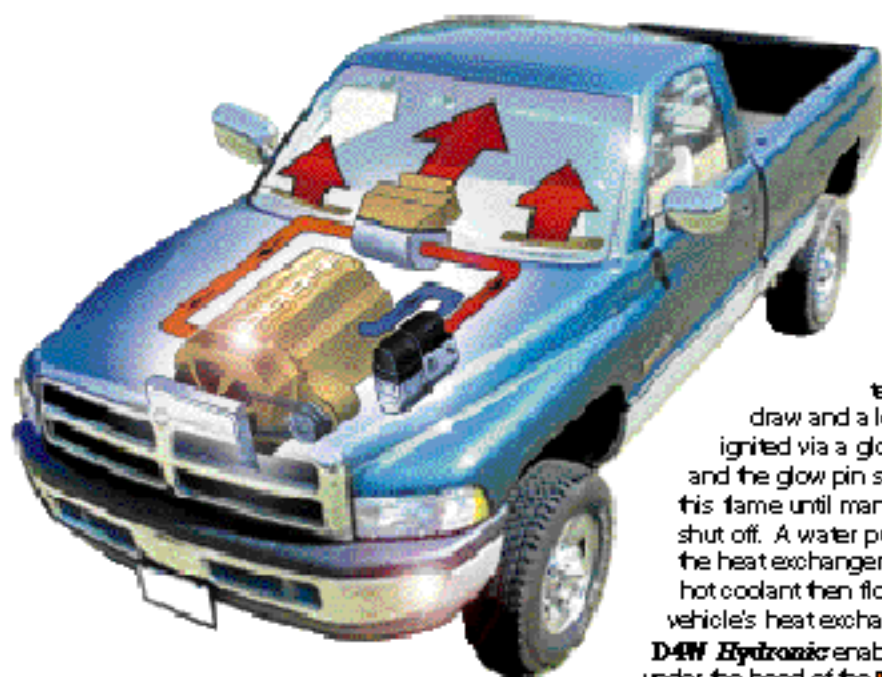


HYDRONIC

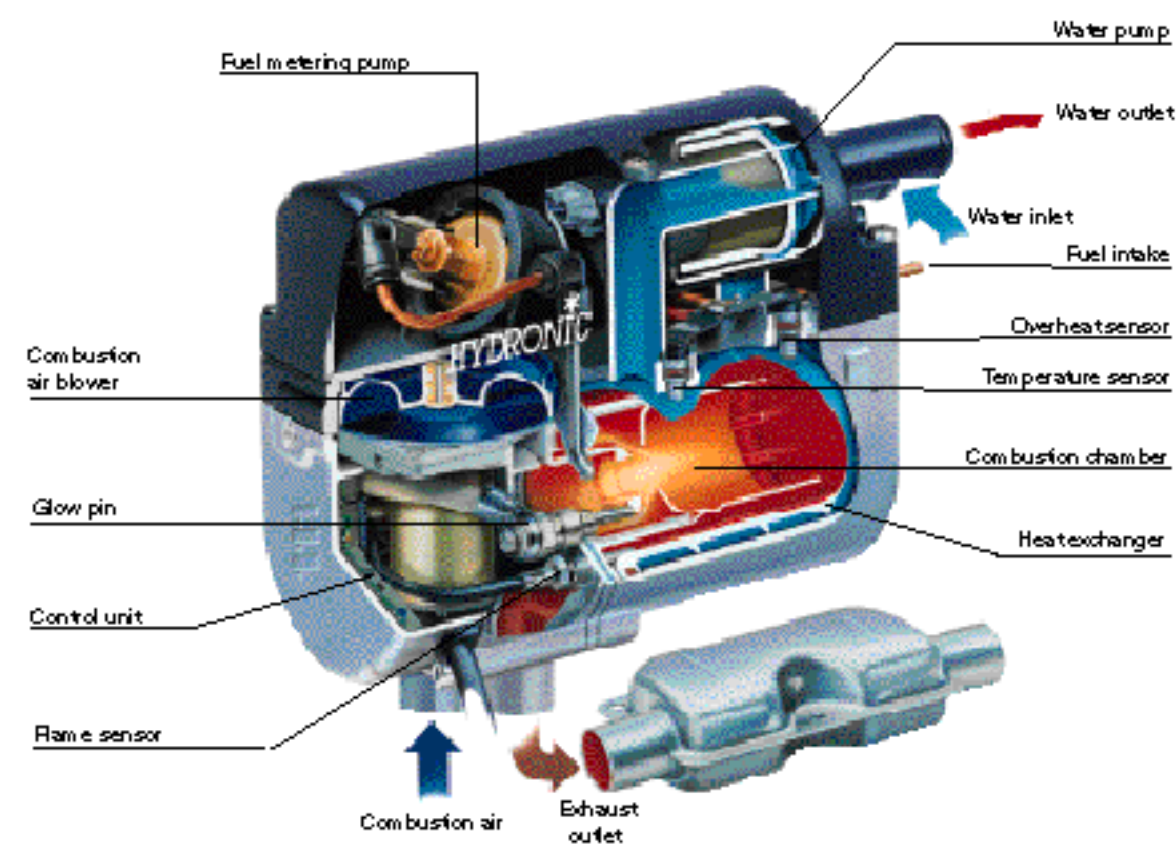
Water Heater for Diesel Engines



Espar's D4W Hydronic water heater offers an affordable heating solution for small trucks, particularly for **RAM** Ram users. Its compact size enables a simple installation and eliminates the need for electrical plug-ins. These features make it one of Espar's new and exciting products for the coming season.



How it works!
The D4W is connected to the engine's cooling system. With a minimum amp draw and a low fuel draw the heater is ignited via a glow pin, a flame is established and the glow pin shuts off. The heater maintains this flame until manually or automatically being shut off. A water pump circulates the water over the heat exchanger and heats the coolant. The hot coolant then flows through the engine and vehicle's heat exchanger. The small size of the **D4W Hydronic** enables it to fit nicely and neatly under the hood of the **RAM**. All major components, such as the electronic control unit, water and fuel pumps and all safety sensors are all integrated within the **D4W Hydronic** to minimize size and installation time.



- Benefits include:**
- engine preheat - safe, reliable cold weather starting with **no electrical plug-ins**
 - cab preheat - a warm cab & defrosted windows from the get go!
 - supplemental heat - additional cab heat for-on-the road with enhanced defogging

Preheat and Supplemental heat
The Hydronic provides engine preheat as well as interior heat when your vehicle is subjected to temperatures below (40° F) 4°C. Most people would prefer to get into a nice warm vehicle with defrosted windshield and windows before they put their key in the ignition. The new **D4W Hydronic** preheater from the Eberspacher group of companies has made that dream a reality. This heater is perfectly suited to attain the level of comfort and safety needed during the harsh winter months. This means no more scraping your windshield or waiting for it to clear while leaving your vehicle idling. With the **D4W Hydronic** you can just get in and go in comfort! Warm starts, reduce engine stress and wear and reduce battery demand. With a preheater you will have smooth starts every time. No more coughing and sputtering the engine when trying to start it. This means increased fuel efficiency and a cleaner environment.



Espar's 7 day timer
The 7 day timer enables you to preset your heater to come on at any time up to 7 days in advance, so, while your busy having breakfast, your heater is busy warming your vehicle and defrosting the windshield

Efficiency of today's engines
With modern technology, manufacturers have been able to build the most efficient engines to date including designing them so that there's no wasted heat. This means there's less heat available for the cab. That's why it makes sense to have an Espar on board to maintain cab comfort.

Affordable, Economical and Safe
As well as being an affordable purchase and simple installation, the **D4W Hydronic** heater is very economical to operate. With low fuel and electrical consumption, operating costs are minimal. To produce one hour of heat the D4W consumes approximately 1 cup of fuel. It is electronically controlled and operates on three different settings depending on the heat required, boost for fast heat up and high and low to maintain heat.

- Safety features include:**
- when fuel supply gets to a quarter tank the heater shuts off automatically
 - heater shuts off when a low voltage occurs enabling you to start your vehicle
 - overheating protection built in

	Heat Output BTU/hr (Kw)	Fuel Consumption gal/hr (L/hr)	Electric Consumption 12V model	Water Throughput	Weight
		Diesel 1, 2,			
Boost	13,700 (4.0)	0.13 (0.51)	3.3 amps	132 U.S. gal/hr	5.5 lbs.
High	11,300 (1.6)	0.11 (0.40)	2.9 amps	(500L/hr)	(2.5 kg)
Low	5,900 (1.6)	0.05 (0.20)	1.5 amps		

