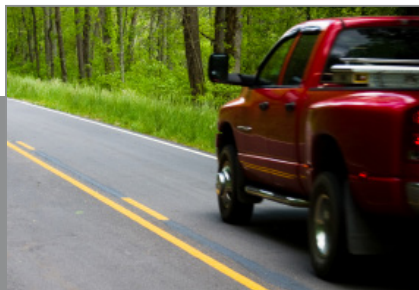


THE RIGHT CLIMATE FOR EVERY REQUIREMENT





AUTOMOTIVE HEATING SYSTEMS

COMFORTABLE TEMPERATURES ON THE GO

If you want ideal interior temperatures, reduced idling time, and a break in fuel and maintenance costs, then Espar can offer you a customized solution. Our portfolio boasts a wide range of engine or cab preheaters for cars, light trucks, and commercial vehicles, each specially designed to suit the needs of your vehicle.

Our intelligent heating systems make for a comfortable interior no matter the challenge. An Espar heater can keep the windshield clear in the winter, preheat the vehicle, and ensure a warm engine start, protecting both the motor and the environment. Heaters can be factory installed or retrofitted on any vehicle. And since Espar works together globally with 4000 certified component partners and specialized dealers, you can count on Espar wherever you are.



BENEFITS OF AN ESPAR HEATER:

- 100% CARB compliant
- Low fuel and power consumption
- Reduces fuel costs, engine wear and tear, and emissions
- Quick return on investment
- Delivers high power output and improves efficiency
- Easy to program for set-and-forget operation
- Eliminates electrical plug-ins

AUXILIARY HEATERS FOR LIGHT TRUCKS

Espar offers a full line of specially designed heater kits for Dodge Ram, Ford Powerstroke, and Chevy/GMC Duramax applications. These kits are CARB certified, reduce fuel and maintenance costs, as well as virtually eliminate engine idling and emissions.

ENGINE PREHEATERS

| | |  |  |
|---|----------------------|--|--|
| | | HYDRONIC D5 SC | HYDRONIC D5 E |
| Heat Output (kW / BTU) | Boost High Low | — 5.0 / 17000 2.4 / 8200 | 5.2 / 17755 5.0 / 17100 2.1 / 7170 |
| Fuel Consumption (l/hr / gal/hr) | Boost High Low | — 0.62 / 0.16 0.27 / 0.07 | 0.64 / 0.17 0.61 / 0.16 0.26 / 0.07 |
| Fuel Metering Pump | | Internal or External | External |
| Electrical Consumption (amps) (12V shown, 12V or 24V available) | Boost High Low | — 4.2 1.9 | 3.3 3.1 1.0 |
| Coolant Pump | | Internal | External |
| Weight (Kg/lbs) | | 2.9 / 6.4 | 2.4 / 5.3 |

TAKE FULL ADVANTAGE OF YOUR HEATER BY COMBINING IT WITH AN ESPAR CONTROLLER

Espar's new Digi-Max D1000, Multi-Max F1000, and Multi-Max F2000 take auxiliary heater controls to the next level of intelligence, enabling drivers, technicians, and fleet managers to take quick, accurate, and precise action even in the most extreme climates.

