

Technical data sheet Coolant / Diesel Fuel heat exchanger 1.1



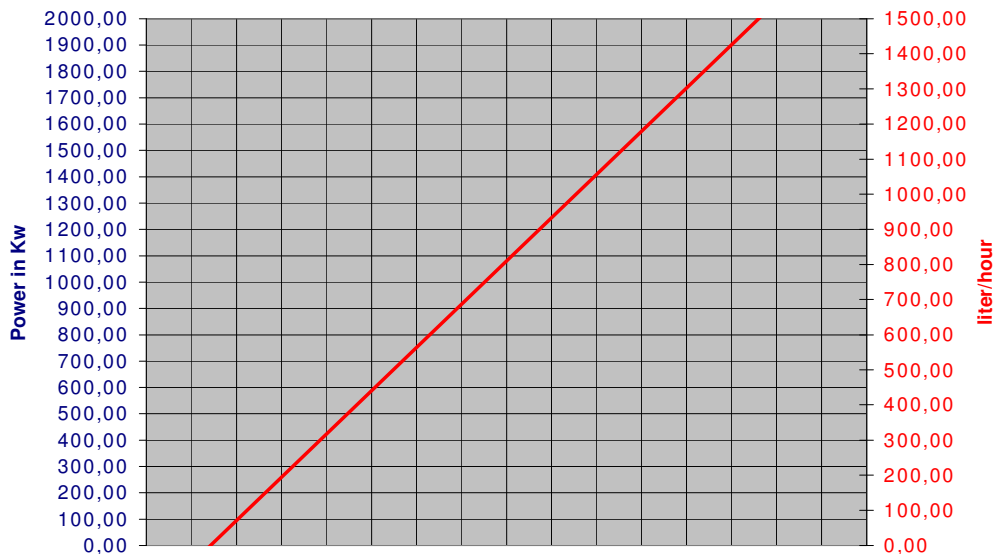
Heat exchanger

All in aluminium for years of trouble-free operation.
Resistant to shocks and corrosion.
Fully watertight body.
Designed to guarantee lowest pressure drop.

Maximum pressure drop is 0,03 bars

| Litres/Hour | Bar | Psi | KV | Pressure drop |
|-------------|-----|------|------|---------------|
| 500 | 1 | 14,5 | 3,16 | 0,02 |
| 1000 | 1 | 14,5 | 6,32 | 0,02 |
| 1500 | 1 | 14,5 | 7,75 | 0,03 |

Maximum diesel fuel flow rate



Diesel Fuel Temperature Regulating Device

Three-way thermostatic valve.

Limits the diesel fuel temperature.

Off temperature: from 30°C to 49°C (86°F to 120,2°F)

Specialy designed for a use with hydrocarbons.

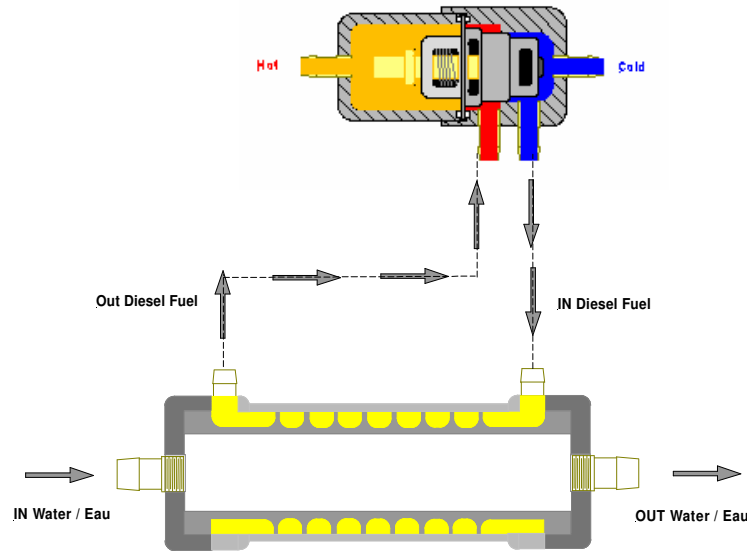
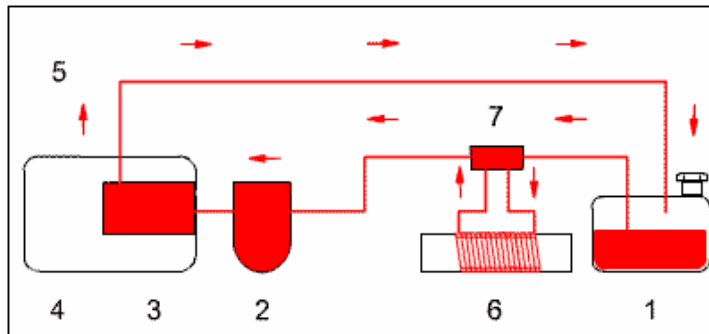


Diagram with the Carlor's heating Heat Exchanger connected in serie to the diesel fuel circuit.



1 Diesel fuel tank
2 Diesel fuel filter
3 Injection pump
4 Engine

5 Return circuit
6 Carlor's heating Heat Exchanger
7 Temperature regulating device

Product Reference

| Reference | Maximum flow rate | Interior diameter of the aluminium spirale | Inlet / Outlet diameter for diesel | Inlet / Outlet diameter for coolant |
|-----------|-------------------|--|------------------------------------|-------------------------------------|
| DFHE500 | 500 litres/hour | 10,5 mm | G 1/4" | G 3/4" |
| DFHE1000 | 1000 litres/hour | 16 mm | G 1/2" | G 3/4" |
| DFHE1500 | 1500 litres/hour | 19,5 mm | G 3/4" | G 3/4" |