



The AMERIFLO heavy duty Diesel engine heat exchangers are designed with long life and durability in mind. All heat exchangers offered by Ameriflo are cast of heavy wall, class 30 cast iron. This is a drastic difference between the rest of the industry who uses an unserviceable, light wall, fabricated heat exchanger that is prone to leaking and can be damaged very easily. Casting the heat exchanger gives the system a much more durable solution to a very important part of the Diesel engine package. Optional metallurgy is available for sea water or brackish water applications.

To increase performance on several of the Diesel engines in the Ameriflo offering, oil coolers attached to the heat exchanger are also used. These heat exchangers are made of stainless steel and look great attached to the proprietary Vibration Isolation Cradle, a standard on EVERY Ameriflo Diesel engine package.

STANDARD FEATURES:

- Cast of Class 30 Cast Iron
- Heavy Wall For Extended Life
- Sacrificial Anode Standard
- Easy to Disassemble When The Need Arises for Service
- Mounted to the Vibration Isolation Cradle to Minimize Vibration
- Integral Oil Coolers to Increase Performance
- Optional Stainless Steel Construction for Sea Water & Brackish Water Applications





The heat exchanger is supplied cooling water by the pump assembly and circulated through the cooling loop that is integral to the Diesel engine. The heat exchanger has two sides to it, the external loop that was mentioned above and a sealed inner loop that circulates coolant through the Diesel engine block. Together, these two loops ensure that the Diesel engine runs at the correct temperature. A sacrificial anode is also supplied standard to provide cathodic protection for the entire heat exchanger package.

The cast heat exchanger is a substantial upgrade over a light duty, fabricated one offered by others in the industry. The major issue with other manufacturers design is that these lighter duty heat exchangers are mounted directly to the Diesel engine block. All vibration from the Diesel engine is transmitted directly to this heat exchanger drastically reducing overall life.

The Ameriflo design standardizes on this heavy duty cast iron version but mounts this heat exchanger to the standard Vibration Isolation Cradle. This cradle has integral vibration isolation mounts that isolates the Diesel engine block from the rest of the accessories needed for UL & FM fire protection. The isolation of the Diesel engine block significantly increases the overall life of the heat exchanger.

For special metallurgy applications commonly found in sea water applications, Ameriflo also offers all cast heat exchangers in a variety of stainless steels. This special metallurgy allows any Ameriflo pump and Diesel engine package to operate in these very challenging applications.

