



## 12M BTU HOT OIL HEATER

Built for the food industry, this 12M Btu/hr hot oil heater features Enerquip's high-efficiency serpentine coil design, finned convection (economizer) section, recirculation pump, NEMA 4 control panel, fuel train, and 1,000-gallon expansion tank.

## 20M BTU HOT OIL HEATER

Built for an asphalt application, this project is a 20M Btu/Hr high-efficiency thermal fluid heater designed and built with Enerquip's serpentine coil. The system combines a radiant section, economizer, recirculation pump, NEMA 4 control panel, and fuel train.



## 6M BTU HOT OIL HEATER

This project is an AHE-600 high-efficiency hot oil heating system built for the energy industry. It has a maximum output capacity of 6M Btu/hr. and includes a finned convection (economizer) section and a serpentine coil radiant section.

## 8M BTU HOT OIL HEATER

This project is an AHE-800 high-efficiency hot oil heating system designed to warm asphalt for the roofing industry. It has a maximum output capacity of 8M Btu/hr. and includes a radiant serpentine coil and finned convection (economizer) section.

The system also has a 1,000-gallon expansion tank, recirculation pump, control panel, and fuel train.



## 2.1M BTU HOT OIL HEATER

This is one of two hot oil heating systems designed for the chemical industry, with 2.1M Btu/hr. maximum output capacities. They were built with finned convection (economizer) sections and high-efficiency serpentine coils. The systems also came with a 400-gallon expansion tank.



## LOW NOX 8M BTU HOT OIL HEATERS

This is one of two of hot oil heaters designed to melt rubber in an industrial belt process. They were built with our serpentine coil technology and have a max capacity of 8M Btu/hr each. They also came with a 2,000-gallon expansion tank and elevated stand. The units' burners were upgraded to low NOx at <30ppm level, with a flue gas recirculation loop built in.

Enerquip has thermal fluid heaters in service with NOx levels of less than 9 PPM total NOx, and less than 50 PPM Co. We believe using flue gas recirculation is the most efficient way to achieve the lowest NOx level, but we also use burner models that can achieve 9PPM NOx without a flue gas duct.



## WASTE HEAT ECONOMIZER

This project spotlight is an asphalt preheater designed for the roofing industry. The preheater uses waste flue gases to heat asphalt products flowing through its coils, reducing the heating load on the customer's primary asphalt heater. The coils are seamless pipes with welded helically wound fins, providing more surface area for enhanced heat transfer and efficiency.



## EXHAUST STACK

This project spotlight is a custom exhaust stack extension for an existing heater setup. It's 24" wide, 30 feet high, with elbows to fit into the customer's pipes, and an expansion joint.

Need something custom for your setup? From surge tanks to exhaust stacks and pump stands, we can design and fabricate various carbon steel and stainless steel process components.



## SERPENTINE COIL

Why do we build with serpentine coils?

- ✓ Even heat distribution
- ✓ Less coil degradation
- ✓ Longer tube life
- ✓ Higher operating oil temperatures
- ✓ Easy maintenance



**Let us design a custom solution for your production process. Call us, today!**

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