

7M BTU ASPHALT HEATER

This project spotlight is an asphalt preheater built with Enerquip's high-efficiency serpentine coil and integrated economizer section. It has a maximum heat load of 7M Btu/hr. and was designed for outdoor installation with NEMA 4 panels and controls. The burner has an 18:1 turndown ratio on natural gas and a 4:1 turndown on #2 fuel oil, providing flexibility in operation.



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.

SHELL AND TUBE ASPHALT HEATERS

This set of 30" x 240" industrial U-tube heat exchangers were made to heat asphalt on the shell side using hot thermal oil in the tubes. They have a six-pass design, carbon steel construction, and an exterior bead-blasted and primed finish. They were designed to TEMA B guidelines and are ASME Code stamped.



4M BTU ASPHALT HEATER

This project spotlight is an asphalt heater built with Enerquip's high-efficiency serpentine coil and integrated economizer section. Looking to reduce their natural gas consumption, the customer chose to replace their outdated hot oil heater and exchanger from another supplier, with Enerquip's high-efficiency asphalt heating system. In addition to designing and manufacturing the equipment, Enerquip provided engineering support to the customer during the preliminary study phase to determine the overall fuel savings.



The heater has a maximum heat load of 3.8M Btu/hr. and was designed for the outdoors with NEMA 4X panels and controls. The mod motor and shutoff valves were specially rated for a 24VDC power supply. The burner has a 10:1 turndown ratio on natural gas, providing flexibility in operation.



FINNED HOT OIL TANK HEATING COILS

This project features 12 sets of helical finned tank heating coils. Hot oil flows through the coils in a serpentine fashion, efficiently heating the tank contents. Made of schedule 80 carbon steel, the fins offer 12x greater surface area than bare pipe alone. This efficiency reduces the amount of pipe required to heat the tank, leading to cost and time savings during installation.



2.5M BTU ASPHALT HEATER

This project is a 2.5M Btu/hr. asphalt heater built with Enerquip's high-efficiency serpentine coil. Designed for roofing industry, the heater recirculates asphalt products. Asphalt is pumped through the serpentine coil to keep it warm and pliable for production. The heater has a finned convection (economizer) section for added efficiency.

7M BTU ASPHALT HEATER

This project is a 7M Btu/hr. asphalt heater built with Enerquip's high-efficiency serpentine coil and integrated economizer section. Asphalt flows through the tubes to keep the product pliable for production.



AWO: 2007



AWO: 1710

4M BTU ASPHALT HEATER

This project spotlight is a 3.4M Btu/hr. asphalt heater built with Enerquip's high-efficiency serpentine coil and designed for the roofing industry.

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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