

BUILT FOR LONGEVITY

To keep your plant running smoothly and efficiently, rely on an industrial heating system from Purple Heat Exchangers.

We specialize in designing, engineering, and manufacturing complete, high-efficiency tank heating solutions for terminals across North America.

We provide customers with the highest quality tank heating solutions on the market. From heat exchangers to steam generators, we do it all.



STEAM GENERATORS

Thermal fluid steam generators are a perfect solution for customers requiring steam for their facility but don't want to spend the capital for a large scale boiler operation. When using a Purple Heat Exchangers hot oil heater in conjunction with an industrial steam generator and a High- Pressure Condensate Receiver (HPR), the overall efficiency of the system is unmatched.

SUCTION HEATER

Instead of heating an entire storage tank of products, suction heaters heat only liquid being pumped through them, increasing efficiency. Built to ASME code and code stamped, our suction heaters consist of custom designed tube bundles mounted inside a shell. Fluid flows through the open end and is heated by a heat transfer medium (hot oil, steam or other fluid), then exits the suction heater outside of the tank.



TANK HEATING COILS

Whether built with seamless tubes made of carbon steel or 316L stainless steel, our helically wound tank coils and bare coils are built for peak performance and designed to last for decades.

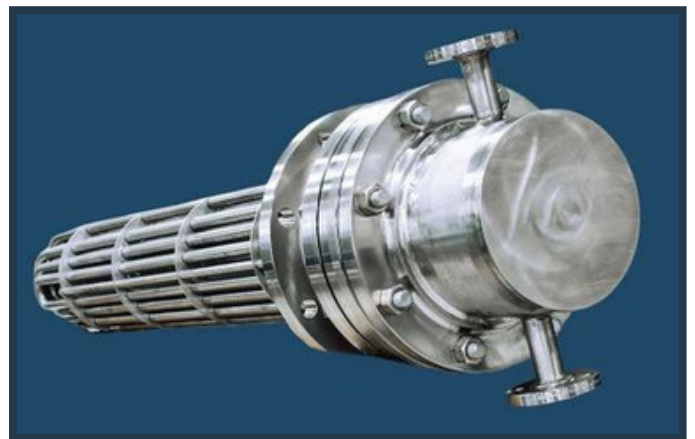


HEAT EXCHANGERS

Our shell and tube heat exchangers are engineered to handle a wide range of materials, from high viscosity asphalt to glycol/water applications. Our custom designed, high viscosity robust BEU style shell and tube exchangers are positioned on the exterior of storage tanks and heat materials using either hot oil or steam. They heat viscous fluids similarly to suction heaters, but are positioned on the outside of the tank.

BAYONET IMMERSION HEATERS

Immersed directly in fluids, bayonet immersion heaters efficiently transfer heat to large quantities of liquids, making them a cost-effective option for regulating the temperature of process solutions, oils, heat transfer fluids, and more. Because customization matters, our bayonet heaters can be built with carbon steel or 316L stainless steel. Their custom-designed tube bundle efficiently transfers heat, and comes with a mounting flange that is bolted to the side of the tank.



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