Steam Generators for Rail Tank Car Heating

Railcar heating or tank car heating is a necessary task for unloading or transloading railcars. This is a year-round problem as many liquids need to be heated to a high temperature to be able to efficiently unload them such as oil, caustic soda, corn syrup, molasses, etc. As the temperature gets colder, a wider range of liquids and chemicals are affected and need to be heated in order to unload them.

The recommended method by railcar providers for this process is to use a low pressure steam generator. Sioux has been designing and building low pressure steam generators since 1939. Sioux units are rugged, compact, and easy to operate. Sioux offers many different mounting options along with the capability for customization upon request.

Steam-Flo® Steam Generator for the Rail Industry

The Sioux Steam-Flo® is excellent for railcar thawing and railcar heating to unload crude oil, fats, or any other substance that might freeze during transportation and is ideal for degassing petroleum tank cars prior to welding and repair.

- Produces 370-1,725 lbs. (167.8-782 kg) per hour of saturated steam in minutes.
- The Steam-Flo® provides continuous, unlimited steam.
- Simple 2 position switch operation.
- Easy to maintain and built to last.
- The vessel is registered with the National Board of Boiler and Pressure Vessel Inspectors, meets requirements of CSD-1 of the ASME Code, and is built to Section IV of the ASME code.
- Sioux’s LowNox Steam-Flo® meets California’s South Coast Air Quality standards!
RAIL TANK CAR HEATING

**CUSTOM APPLICATIONS**

Sioux offers a variety of custom options including customer specified components, electrical system or setup, self-contained units, and open or enclosed trailer packages. Sioux can build these custom packages to accommodate your exact needs, so you can rest assured you will have the right equipment on site at your remote location. Sioux trailers, like all Sioux equipment, are built to last a lifetime with the highest quality materials available. Sioux trailers are industrial grade and made of structural steel tubing and channel iron. Solid steel construction gives the trailer structural support and increases the durability over the life of the equipment.

**What makes Sioux different?**

Since 1939, Sioux has been helping customers in a wide range of industries solve challenging problems by engineering and manufacturing innovative, application-specific equipment. Proven durability and reliability make Sioux the best value for long-term demanding applications.

**Reliability Guarantee**

Sioux offers the only 20-year reliability guarantee in the industry which includes same day shipment of stock parts orders and lifetime parts department support. See details in forms 308 and 847.

**Conservative Design**

Sioux amply sizes components such as motors, pumps, burners, or engines to ensure that they do no run into their service factor, meaning they do no run to maximum capacity, thus extending the life of the components and the machine.

**Safety**

In additional to dependability and simple operation, operator safety is a top design consideration for all Sioux products.

**Factory Testing**

Every Sioux machine is thoroughly tested in our on-site testing facility before it leaves the factory. Every machine is also given an unique serial number giving Sioux the ability to offer lifetime parts and service support.

**A Well-Deserved Reputation - The Best**

Sioux machines are constructed to provide long life and trouble-free service in the industrial workplace, and include standards features that are often considered options on competitive models. These features may initially cost a little more, but provide equipment that runs better, lasts longer, is safer to operate and over the life of the equipment, provides superior return on your investment.

For more information call us TOLL-FREE at (833) 763-8833.