

Steam Generators for Rail Tank Car Heating



RAILCAR 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!



Sioux has been
designing and building
low pressure steam
generators since 1939



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?

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.

Conservative Design

Sioux does not undersize components such as motors, pumps, burners, frames or engines, which is common elsewhere.

Proven Performance

Sioux machines are dependable in the field. Combining high quality components with over 75 years of custom manufacturing experience and extensive engineering design capabilities allows Sioux to provide the industrial workplace with the best equipment for continuous operation.

Simple Operation

Sioux machines are designed to be simple to install, operate, and maintain.

Safety

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

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.



SIoux CORPORATION

One Sioux Plaza • Beresford, SD 57004-1500 USA
Tel: (605) 763-3333 • Toll Free: (888) 763-8833
email@sioux.com



Form #415-18