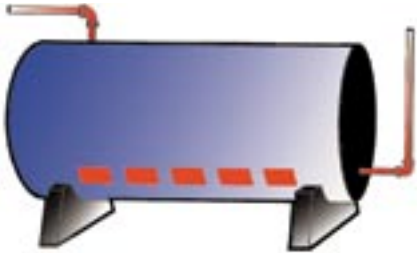


# The Ins and Outs of Large Tank Heating

Many processes have products flowing in and out of different types of large tanks and vats. Most often than not, these products need to be kept at or heated to a certain temperature to avoid slowing the process down. That is where large tank surface heating systems come into play. A surface heating system can be designed to fit your particular application. All we need to know is some basic information to give you the best recommendation.

## Step 1: What is the size of the tank being heated?

For example, a large cylinder tank may have the dimensions of 20 ft long with a diameter of 10 ft. It is also useful to note what type of material the tank is made out of (steel, plastic, etc) and if you plan on insulating it.



## Step 2: What is it like outside the tank?

Is the tank located indoors or outdoors? If outdoors, is it windy or does it get wet frequently? How cold does it get on a really cold day? The conditions around the tank affect the amount of heat needed.

## Step 3: What is inside the tank that needs heat?

Certain materials require certain temperatures to keep them flowing. Imagine the difference between keeping water flowing and sticky wax or molasses.



## Step 4: Call the heat consultants at 1-800-848-7673 for your recommendation

Once we have the information from the previous three steps, we will be able to give you the best recommendation to keep your processes flowing. Our engineers are trained to provide you with the exact amount of heat necessary, leaving you time to move on to your next project.

## What is included in a Tank Surface Heating System?

There are three basic components to a tank surface heating system: silicone rubber heating blankets, temperature controller, and necessary accessories.

1

### Silicone Rubber Heating Blankets

- Fits Across the Large Surface Area
- Uniform and Highly Flexible Heating
- Unsurpassed Durability Gives Long Life
- Patented Ground for your Safety
- 450°F (232°C) Maximum Operating Temperatures



2

### Bulb and Capillary Controller

- Automatic Control of Tank Heaters
- Choice of Metal or Plastic Enclosure (Rated NEMA 4X for Outdoor Use)



3

### Accessories

- Strain Relief/ Conduit Bracket-** Provides a strain relief for the blanket power leads and a mounting means for the electrical conduit
- Aluminum Adhesive Tape-** Maintains the heating pad in intimate contact with the surface to be heated while adhesive cures
- Heat Conductive Putty-** Used to fill any voids between blanket and surface being heated

Call **1-800-848-7673** for more information or a quote

**The Flexible Heating Solutions Leader**

[www.BriskHeat.com](http://www.BriskHeat.com)