

Simple Installation • Reduced Maintenance and Energy Costs • Superior Design

# BriskHeat®

## Hopper Heating Systems

Eliminate Bridging, Pluggage, Condensation, and Corrosion

Meets  
IEEE  
1069  
Standard

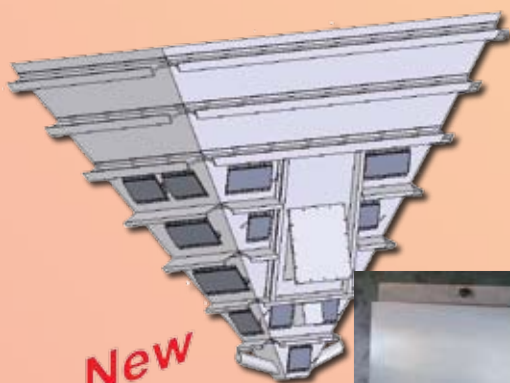


Ideal for

- ▶ *ESP (Electrostatic Precipitator) Hoppers*
- ▶ *Baghouse Hoppers*
- ▶ *Most Material and Dust-Collector Hoppers*

## BriskHeat Offers You a Choice

### Metal Clad Heaters



**New  
and  
Improved!!**



- ▶ *Temperatures up to 800°F (427°C)*
- ▶ *Simple Stud-Welding Installation*

### Silicone Rubber Heaters



- ▶ *Temperatures up to 450°F (232°C)*
- ▶ *Easy Adhesive Installation*
- ▶ *Hazardous-Area Rated Available*

The Experts You Can Trust: Over 60 Years of Industrial Heating Experience

**Your Heating Specialist since 1949**

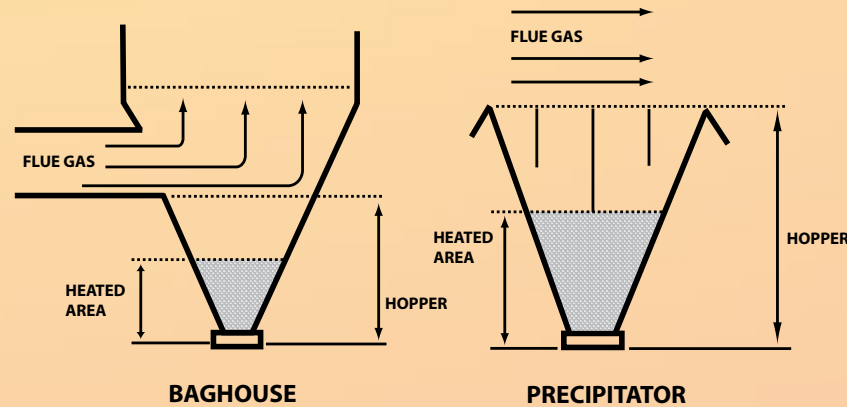
**[www.BriskHeat.com](http://www.BriskHeat.com)**



# Hopper Surface Heating Systems

BriskHeat Hopper Surface Heating Systems maintain elevated temperatures above moisture and acid dew points using a proven combination of:

1. Modular hopper surface heaters
2. Flexible heating tapes for throats, poke tubes, and manways
3. Temperature control and installation hardware



## 1 Hopper Modular Surface Heaters

Our modular design provides the:

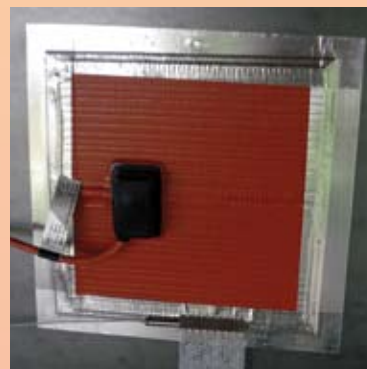
- Easiest and lowest cost-of-installation
- Most cost-effective and energy-efficient heat possible across a large surface area



**Metal Clad**

**Advantages:**

- Higher temperatures: Up to 800°F (427°C)
- Minimal surface preparation time



**Silicone Rubber**

**Advantages:**

- Lowest profile and best surface contact
- No welding or mechanical attachments necessary
- Hazardous-area-rated model available



- ▶ **Reduced installation cost**
  - Exclusive one-piece design is easier-to-install and handle
- ▶ **Patented 360° grounded multi-stranded heating element**
  - Maximum uniformity, durability, and safety
  - BriskHeat® exclusive core technology
- ▶ **Heaters never corrode or rust**
- ▶ **5-year warranty**



## 2 Poke Tube, Throat, and Manway Heaters

Extremely flexible heating tapes that easily install around challenging components like throats, poke tubes, and manways.



## 3 Temperature Control and Installation Hardware

Choose from a wide range of temperature control options to meet your application and precision needs. All control systems are configured-to-order to meet your unique environmental requirements.

### Bulb-and-Capillary



Proven design

### Digital with Thermocouple



Enhanced control accuracy and easy-to-read digital display

### Individual Modular PID Control



**Centipede®**

Best temperature control

- Decreases maintenance and downtime
- Reduces energy costs by up to 40%

# The **BriskHeat**® Commitment

BriskHeat has an entire team of heating experts assigned to each application to provide:

- Thermal calculations
- Wiring diagrams and installation drawings
- Maintenance manuals and support
- Your 100% satisfaction



## Over 60 Years of Expert Advice and Customer-Driven Solutions



Freeze Protection

Gas / Vacuum Bake-Out

Composite Curing

OEM Equipment



Flow / Viscosity Control

Process Temperature Control

Semiconductor Processes

Custom Heat and Controls



Condensation Prevention

Hazardous Areas

Laboratory Apparatus

Containers / Vessels



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1-800-848-7673 (U.S. & Canada)

1-614-294-3376 (Worldwide)