

### Description

The standard Model A belt heater is the most economical unit for the elimination of material slide-back on conveyor belts up to 42" wide and traveling up to 450 FPM. However, it cannot be installed within an enclosure containing coal dust or other flammable substances. For that application we recommend the Model B belt heater.

The Model A conveyor belt heater to eliminate material slide back is for use on belts up to 48" wide and 450 FPM. It can be installed in various positions as illustrated. This model is preferred when space permits. The advantage of using the Model A conveyor belt heater is that it is not subject to spillage that accumulates under the belt. In addition, the material is dumped onto the belt immediately after being de-iced, thus requiring less heat and fuel consumption. Available in standard (shown) or remote model.



## Model A

### Durability

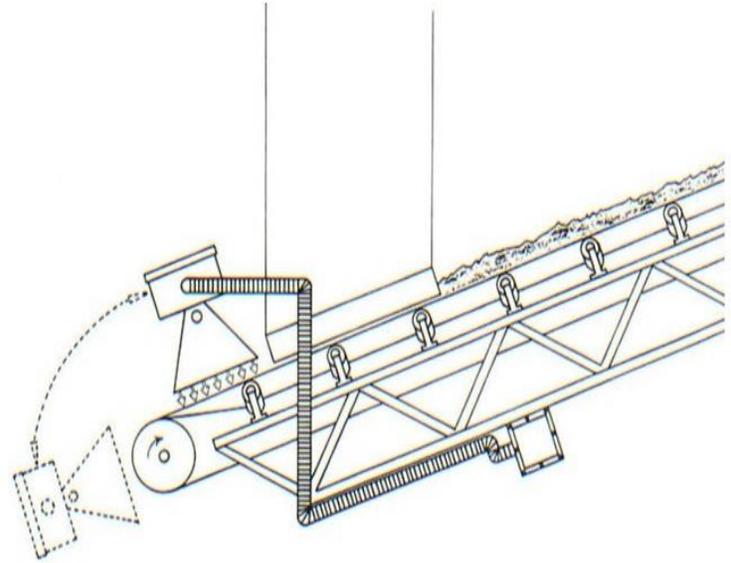
The patented Model A conveyor belt heaters are constructed from grade 304 and grade 309 stainless steel. They are sealed dust tight and not affected by the weather including rain, snow, ice, or moisture. They are designed to operate in dusty, dirty conditions by utilizing a remote air filtering system that can be located 40 feet or more from the installed unit.

### Safety

The safe operation of the Model A Conveyor Belt Heater systems is the most important concern. These units are designed to stop operating any time that the belt even begins to slow down. UL and CSA approved burners and controls used in commercial / residential heating systems assures a safe operating system. The open design does not collect spillage from the underside of the belt and the heaters do not retain heat after they stop. MSHA has test and endorsed the use of these systems.

**Economical Operation**

Economical operation is the hallmark of our conveyor belt heaters. Model A conveyor belt heaters will completely eliminate downtime due to frost and ice build up or accumulation when they are properly specified, installed and operated. This claim is backed by our 100% satisfaction guarantee. A typical 56" belt running at 500 ft per minute that is experiencing material slide back can be treated with this system using approximately 2.5 gallons of diesel fuel or 3.75 gallons of propane per hour. Larger belts require more, smaller belts require less. Initial acquisition cost and minimal fuel consumption is typically a fraction of lost revenues due to downtime or labor and consumable costs incurred using alternative methods of de-icing.



**Dependability**

The Model A conveyor belt heater systems typically will operate throughout the winter without any maintenance. They use of stainless steel in the construction and burners and controls used in time tested home / commercial furnaces, as well as components used in get aircraft engines make for a lasting and dependable system.

**Material Slideback Model A**

