

Description

The standard Model C belt heater is used on slower moving belts or when space limitations prohibit the use of a Model A Belt Heater or the Model B Belt Heater. The rigid tube that connects the control unit to the combustion chamber is furnished in lengths up to 48", allowing the control unit to be located away from spillage areas.

The Model C Heater to eliminate material slide back is for installation on belts up to 350 FPM and up to 42" in width. This heater is installed under the belt as close to the material pickup point as possible. Considerations when selecting this model are spillage that may accumulate under the belt that may affect the operation of the heater, material being slung off of idler roll that may get into the combustion chamber and the enclosure blocking the catwalk. Available in standard (shown) or remote models.



Model C

Durability

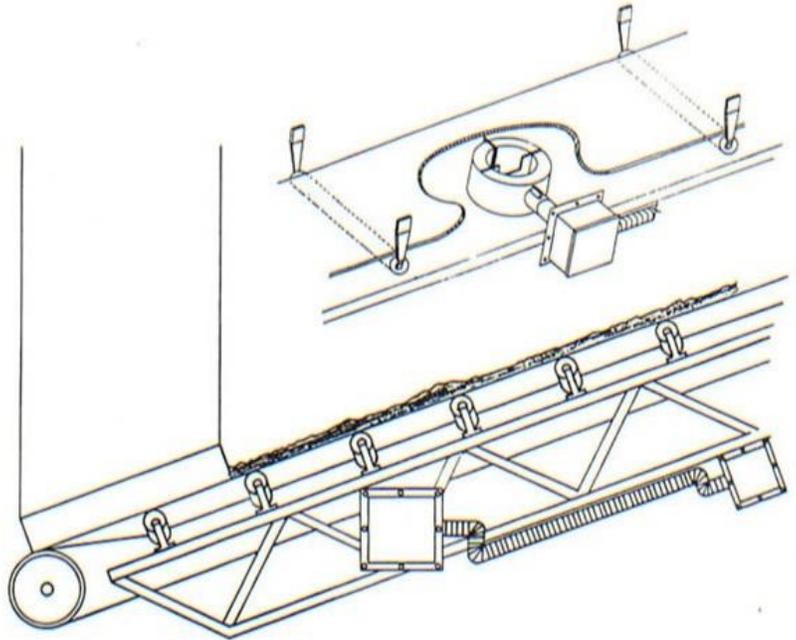
Constructed from grade 304 and 309 stainless steel, the patented Model C conveyor belt heaters are weather proof. They are sealed dust tight and not affected by the weather including rain, snow, ice, or moisture. They are designed to operate in dirty and dusty conditions by using a remote air filtering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

Safety

The safe operation of the Model C 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 the Model C Belt Heater systems.

Economical Operation

Model C 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. Economical operation is our hallmark.



Dependability

The Model C 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 svstem.

Material Slideback Model C

