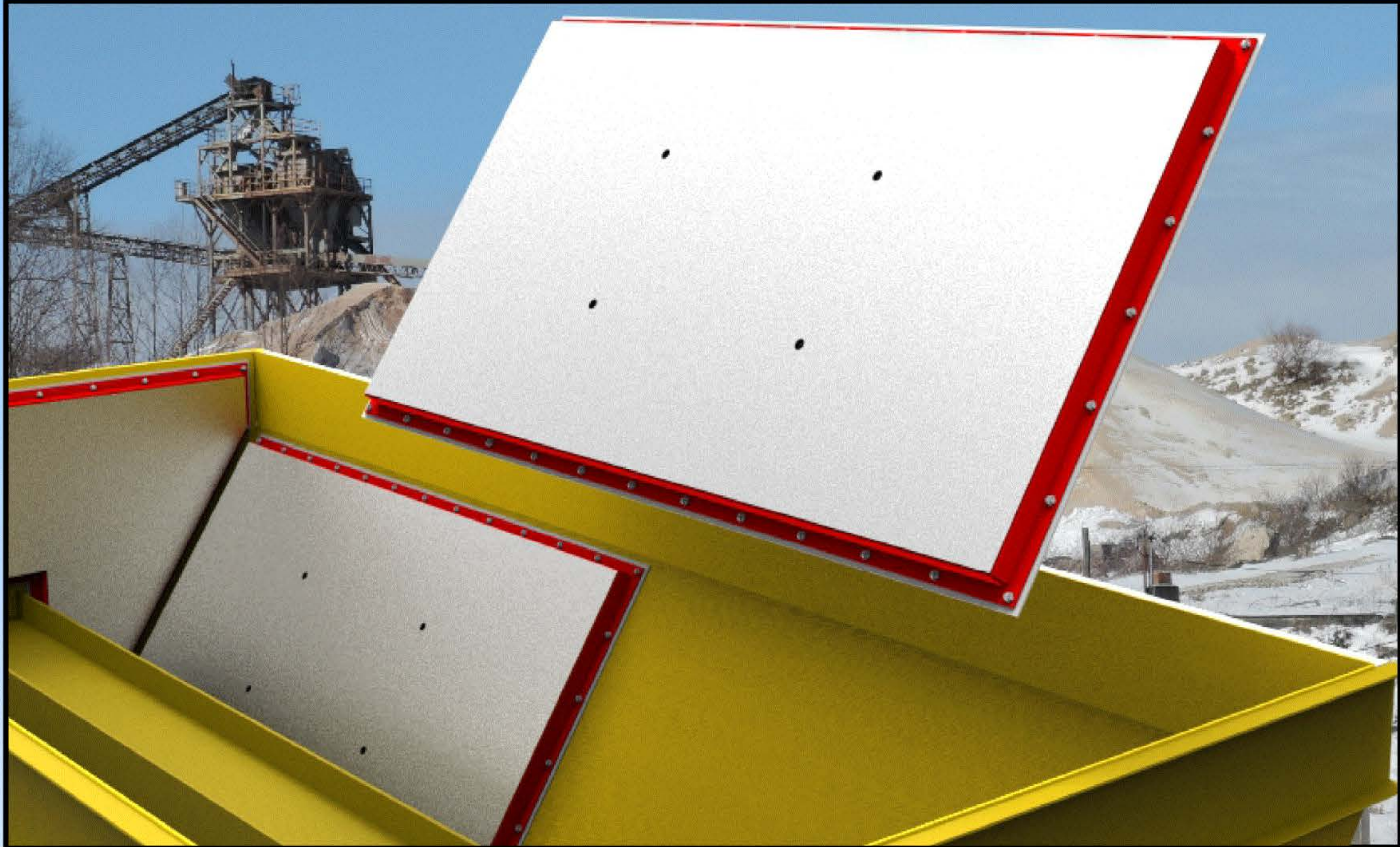




Drop In Heated Liners



Eliminate Freezing



For Bins and Hoppers

Electrically heated wear liners custom fabricated to fit your exact application.

Save as much as 90% on fuel costs compared to heating makeshift enclosures.

Eliminate major construction costs and confined spaces associated with enclosures.

AR 400 Face can be overlaid with additional wear plate, ceramic, UHMW, etc.

5 Year warranty on replaceable heating element.

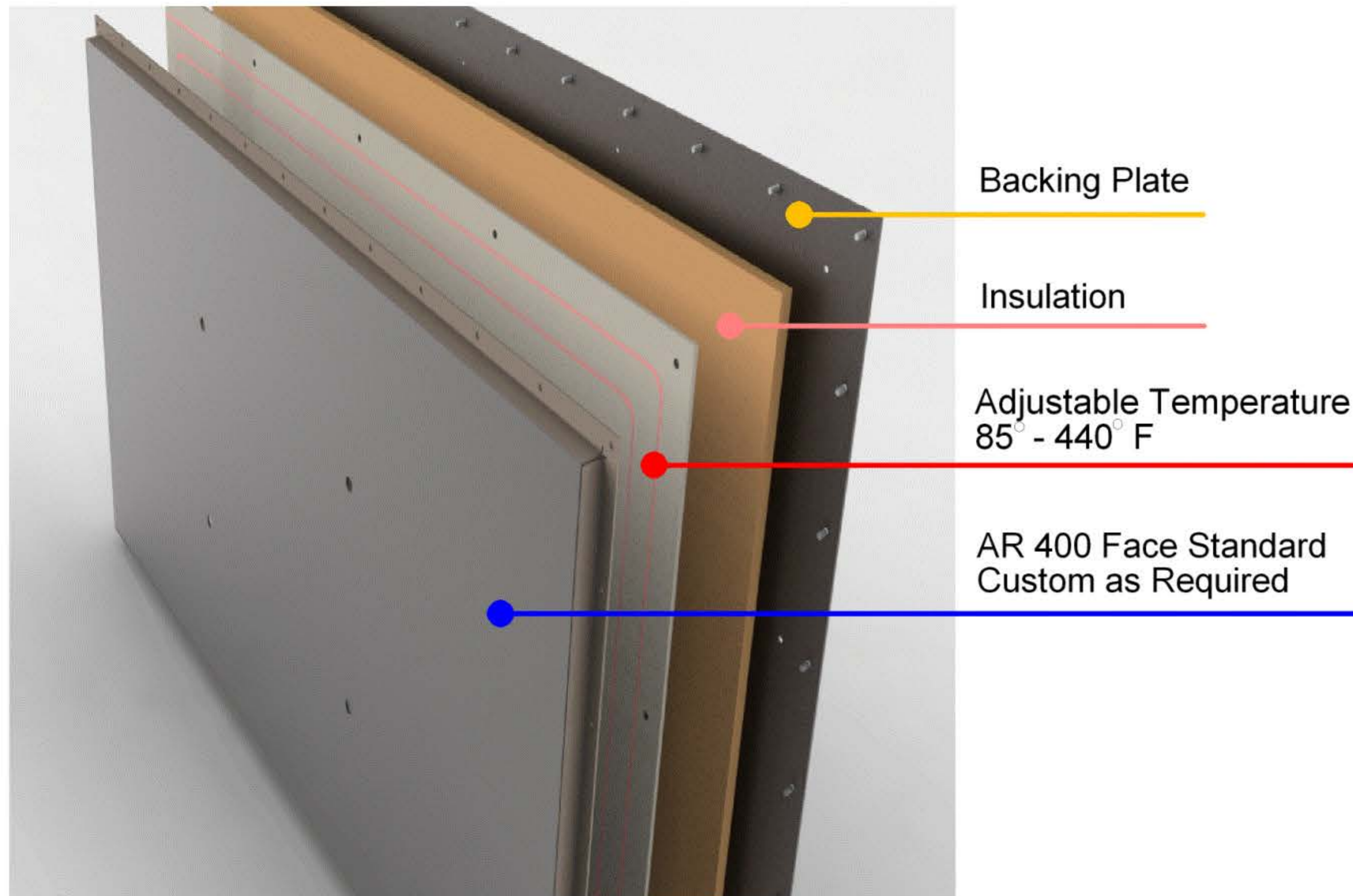
**Thermostat controlled,
set it and forget it!**



Heaters for conveyor belts and related components... Since 1984

The HTR Liner System™

Specifications



120 - 240 - 480 Volts AC

12 - 24 - 48 Volts DC

25 - 100 Watts per sq. ft.
(50 watts standard)

Available for Class 2 Div. 2
applications

Not affected by water

Not affected by impact*

5 Year warranty on
replaceable heating
element

The HTR™ Advantage

The HTR Liner System™ is the most energy efficient method of preventing material from freezing to bin and hopper walls.

Ease of installation. The liner is stitch welded in place. Should it be necessary to replace the heating element, the outer shell can be removed leaving the base plate welded in place.

Each liner is custom made for your bin or hopper. The surface must be covered as completely as possible. The HTR™ liners are typically fabricated to come within 1" of the edge of the existing wall.

Additional wear plates including ceramic, stainless, hardened steel, UHMW, Tivar, etc. do not affect heat transfer.

The HTR Liner System operates at 50 watts per square ft. for most applications. It is available with higher or lower watt ratings as required.

The standard liner is 2 1/2" thick with insulation. This can be reduced to 1" and the insulation can be affixed to the outside of the hopper if necessary.

The electrical connection is through the back of the liner, requiring a penetration through the hopper wall for most applications. The connection can be made through the side (edge) of the liner if necessary, requiring guarding of the electrical cable/conduit that will be inside of the hopper.

Used in conjunction with available electric blankets and additional equipment, material can remain in the hopper for indefinite periods without fear of freezing.

Thermostat controlled, set it and forget it operation.

* The standard panel has a 1/4" AR-400 face that can be overlaid with any wear liner required. Heavier AR and additional internal design is required for heavy impact applications. Specify the material size and weight when ordering to determine if thicker plate and additional internal structure is required.