

Manufacturing Engineers to the Food Processing, Pharmaceutical, Plastic, Chemical, and Agricultural Industries

## Heating/Cooling Conveyor Questionnaire

To help our engineering staff recommend the best solution for your processing needs, please take a few minutes to fill out this questionnaire with as much information as possible. All information received will be held in strict confidence.

Contact name: \_\_\_\_\_  
 Company name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

1. Material description: \_\_\_\_\_
2. Material characteristics (*check all that apply*):  Powder  Slurry  Cake  Sticky  Abrasive  
 Free flowing  Toxic  Explosive  Friable  Other \_\_\_\_\_
3. Bulk Density of product in Weight per volume: \_\_\_\_\_
4. Will the material be in a dry, liquid or paste form? \_\_\_\_\_
5. Capacity required: lbs or kg per batch, lbs or kg/hour? \_\_\_\_\_
6. What is the desired capacity to be heated/cooled?: \_\_\_\_\_
7. What is the specific heat of the material to be heated /cooled? \_\_\_\_\_
8. Specify product temperature in and out \_\_\_\_\_
9. Specify distance to be conveyed \_\_\_\_\_
10. Product contact Material of construction? Carbon or stainless steel? \_\_\_\_\_  
 Weld and surface finish quality? \_\_\_\_\_
11. Non-Product contact Material of construction? Carbon or stainless steel? \_\_\_\_\_  
 Weld and surface finish quality \_\_\_\_\_
12. What type of media will be used to heat/cool? \_\_\_\_\_  
 steam pressure \_\_\_\_\_ psi water temperature \_\_\_\_\_ deg F
13. What Voltage is required? \_\_\_\_\_
14. How are you loading the unit? \_\_\_\_\_
15. Moisture in/ Moisture out? \_\_\_\_\_
16. Specify inlet and discharge heights \_\_\_\_\_
17. List any unique situations and/or specific problems you are experiencing? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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