# APPLICATION DATA SHEET SILENTFLOW® BIN DISCHARGER

THE YOUNG® INDUSTRIES, INC.

## CUSTOMER INFORMATION

Company: _____

Name: _____

Title: _____

Address: _____

_____

Email: _____

Phone: _____

## MATERIAL INFORMATION

Materials: _____

Bulk Densities: _____

Particle Size: _____

Material Flowability: _____

☐ Hygroscopic ☐ Abrasive ☐ Hazardous ☐ Friable

☐ Toxic ☐ Corosive ☐ Heat Sensitive

Is the material combustible? ☐ Yes ☐ No

If so please fill out the information below:

Additional information to comply with NFPA 69 for combustible powders:

KST: _____ Pmax: _____

Pred: _____

## CONSTRUCTION REQUIREMENTS

*Note: Transflow® fluidization media is 316S/S construction

Other Product Contact Surfaces: ☐ Carbon Steel ☐ 316S/S ☐ 304S/S ☐ Other _____

## CONICAL BIN DISCHARGER DATA

Inlet Size: _____" Diameter

Discharge Size: _____" Diameter

Cone Angle (From Horizontal): _____°

*Note: 45° degree and 60° Silentflow® cones are standard

Is there a height limitation? If so, list the required height of cone _____"

Is mating flange for hopper required? ☐ Yes ☐ No

## RECTANGULAR BIN DICHARGER DATA

Inlet Size: _____"Long x _____"Wide

Discharge size: _____" ☐ Round Flange ☐ Square Flange

Discharge Height (If Known): _____"

If height is not known, what hopper angle is needed (from horizontal)? _____°

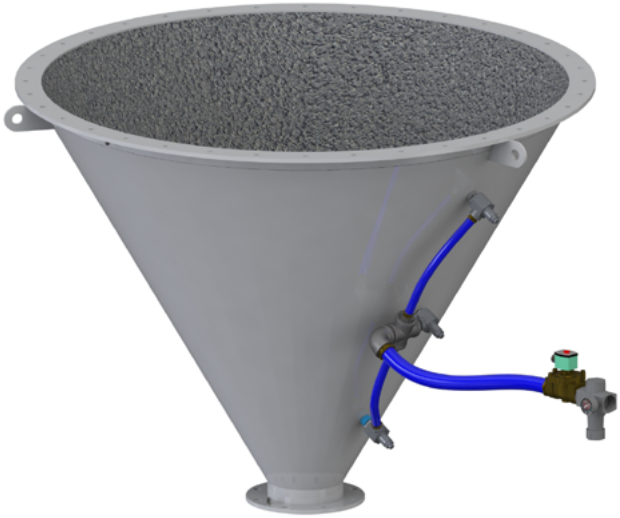
Is mating flange for hopper required? ☐ Yes ☐ No

## FLUIDIZING CONTROLS

☐ Manual On/Off Shut Off Valve

☐ NEMA 7,9 Solenoid 110 Volts ☐ NEMA 4 Solenoid 24VDC

Additional Requirements:



Thank you for filling out this Application Data Sheet. Young Industries Application Engineers will provide you with a detailed proposal for the equipment you requested. We custom engineer the equipment to meet your requirements.

## Application Drawing (Optional)