



VORTEX GRAVITY VEE DIVERTER HANDLING PHENOLIC RESIN

Customer: Company policy dictates name cannot be used

Material: Phenolic resin

Application: Independently controlled gates for material flow

Challenge: Specifically engineer a valve to fit within a small amount of headroom

Valve: Vortex Gravity Vee Diverters
Model VA12-2CSS-60-NR-SB-X

Results:

Many times the creation of a new product will lead to the creation of additional new products. Such is the case with the Dual Cylinder Gravity Vee Diverter.

A Vortex customer always liked the features of the Gravity Vee Diverter. The idea of having independent controls for each side would give them the flexibility they needed in controlling the flow of material through the diverter. Unfortunately, the space needed to install the Gravity Vee was not available in their facility.

When the customer read about the new Vortex Dual Cylinder Roller Gate, he got in touch with a sales engineer at Salina to see if a Gravity Vee Diverter could be manufactured utilizing this concept.

Two VA12-2CSS-60-NR-SB-X Dual Cylinder Gravity Vee Diverters were designed and manufactured. This design shortens the length of each gate by 33%. The diverter was designed with sealed bonnets capable of being air purged to keep powder out of the chest area.

“It’s perfect for our application. This is the second time in the past 12 months that Vortex has supplied us with a specialized valve that adds to our company’s overall efficiency.”

Vortex manufactures many types of material handling valves to handle specific customer applications.

