

Krebs Sand Stacking Cyclones



Krebs CycloStack™ attaches to the apex of the cyclone for automatic control of underflow discharge. CycloStack's urethane flap opens and allows solids to discharge while retaining the water within the cyclone. The CycloStack™ closes if there are no solids present.

Krebs Sand Stacking Cyclones with CycloStack®

Krebs Sand Stacking Cyclones are designed for use in solids dewatering applications. The Krebs CycloStack® along with an extended overflow pipe and siphon control assembly attaches to a standard Krebs Cyclone to minimize the moisture content in the cyclone underflow. The attachment provides a low cost way of automatically controlling the dewatering and discharge concentration of the cyclone underflow, allowing direct discharge of the underflow onto a conveyor belt or in a pile. This occurs even with fluctuating feed conditions.

help of the vacuum which is caused by the siphon created in the overflow pipe, the CycloStack® closes if there are no solids present. The CycloStack® improves the cyclone efficiency by constantly adjusting the apex diameter which virtually eliminates plugging and consequently allows attention-free operation.

Krebs Sand Stacking Cyclones provide a cost-effective means of dewatering and stacking sand, even with fluctuating feed conditions.

Krebs Sand Stacking Cyclones are reliable, easily installed, and operate automatically. The Krebs CycloStack® consists of a urethane flap which opens when solids are present and allows the solids to discharge while retaining water in the cyclone. With the

Dewatering cyclone with CycloStack® can be mounted on a tower, traveling boom, or above a conveyor to provide stacking convenience.

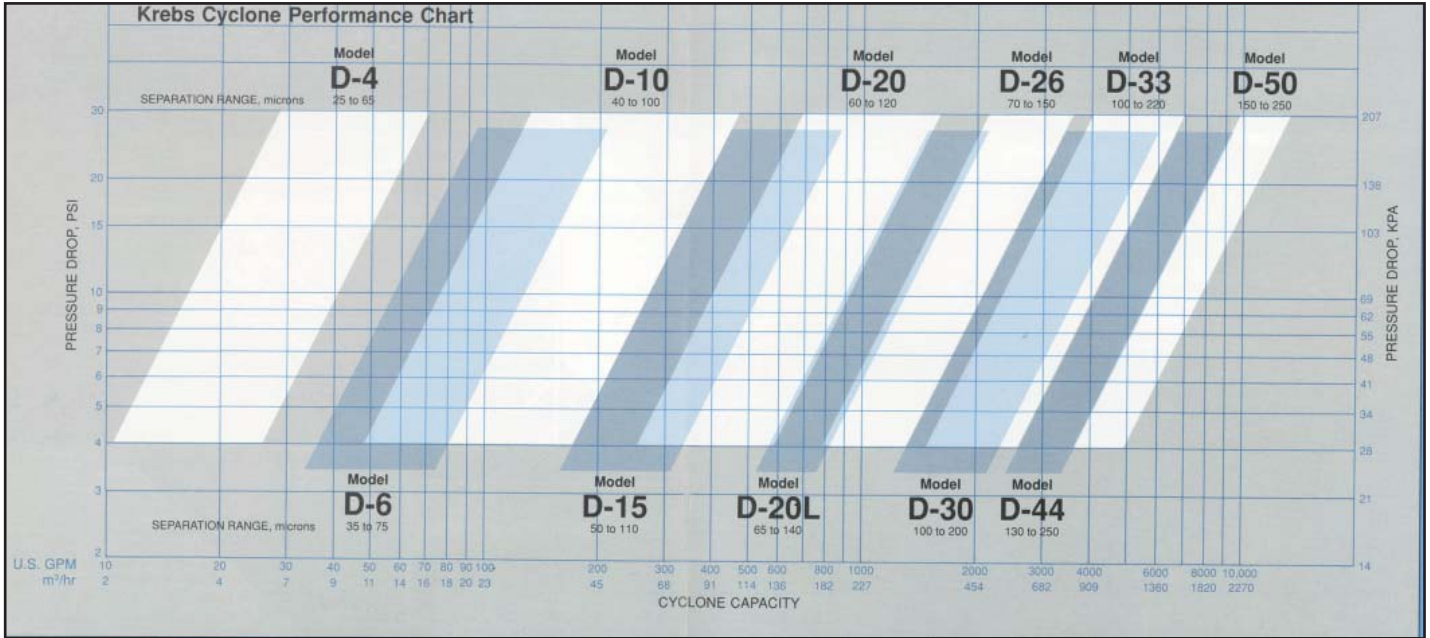
A low cost way to dewater cyclone underflow



The Krebs CycloStack® virtually eliminates plugging, allowing attention-free operation.

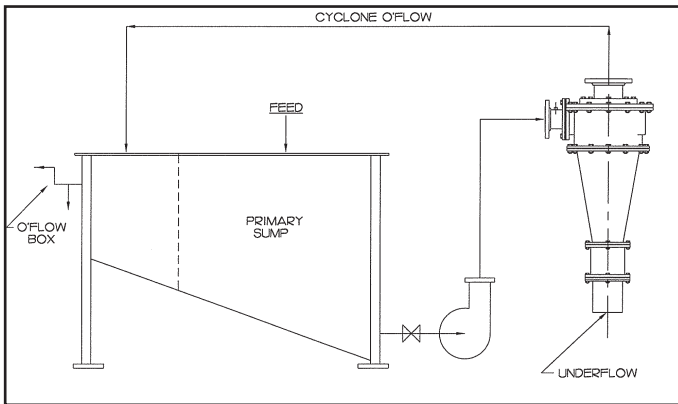


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Installation

The Krebs Sand Stacking Cyclones are often best installed in combination with a self-balancing sump. The cyclone overflow is returned to the sump to assure constant cyclone feed. The sump overflows and the pump is normally sized at 10% above the design flowrate.



Customer Service

At FLSmidth Krebs, we take pride in the service and support we offer our customers in technical assistance, parts inventory, and product quality. We are dedicated to delivering the highest quality equipment backed by the highest level of technical service and support.

Krebs' engineering staff specialize in all types of

separation and classification processes in a wide range of industries. You can depend on Krebs to provide responsive service and expertise when you need it.

Call for More Details . . .

Contact our applications engineering group for complete details on how a Krebs CycloStack® can provide a low cost way to dewater cyclone underflow.

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