

## Product datasheet

# KREBS® Hydrocyclones for Gas Scrubber recycle applications

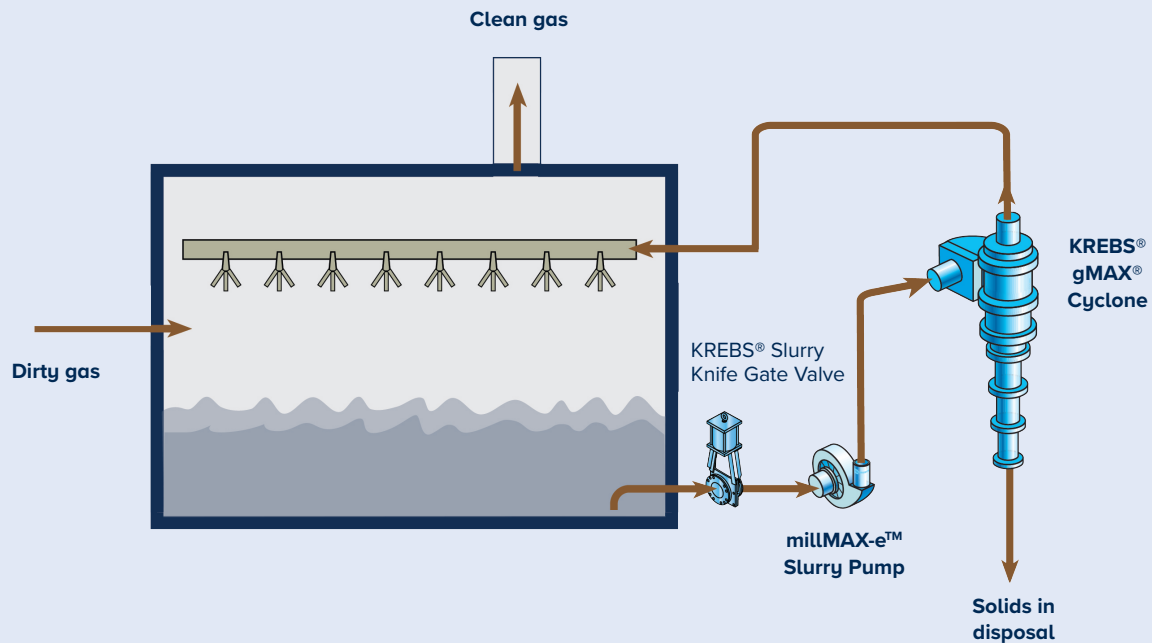
Prevent plugging and reduce wear on the spray nozzles in your scrubber with KREBS® gMAX® cyclones. These cyclones help reduce maintenance and chemical costs by removing solids from scrubber effluent before it reaches the spray nozzles. This not only reduces problems downstream in your process, but also protects the piping for the spray nozzles.

In most cases, only a single cyclone is needed. However, if the solids in the system are small, then a bank of small diameter cyclones can be used to recover the solids to the cyclone underflow.

### Benefits

- Low capital cost and no moving parts
- Protects downstream equipment from plugging
- Protects downstream equipment from wear
- High capacity in a small footprint
- Wide range of KREBS Cyclones are available to suit your needs, from 1 in. through 30 in. diameter.
- Reduces maintenance and chemical costs.

## Flow diagram of circuit used to remove solids from scrubber effluent



We are the world's leading manufacturer of hydrocyclone classification equipment. We have been serving the industrial and water treatment industries since 1952.

KREBS® hydrocyclones are used for solid/liquid separations in a broad spectrum of industrial applications, including scrubber effluent processes, basic chemicals, pulp and paper, water and wastewater treatment, and power generation.

We are constantly striving to make product improvements that will better serve current and future needs in all industries and various applications through the application of hydrocyclone and pumping technology.

We take pride in offering high level technical assistance, parts inventory and product quality through our Quality and Support

Service. Furthermore, we keep an extensive inventory to provide prompt shipments of spare parts. By guaranteeing the quality of the materials we use, we're able to improve hydrocyclone efficiency and reduce product wear, giving you lower cost and easier maintenance and operations.

KREBS® millMAX-e™ slurry pumps are ideally suited to feed cyclones and our KREBS knife gate valves are used in scrubbing applications.

Our Cyclones can be designed to any specification and from any alloy to meet your temperature, pressure and corrosion resistance requirements. For more information on any of our products please contact one of our global sales offices.

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