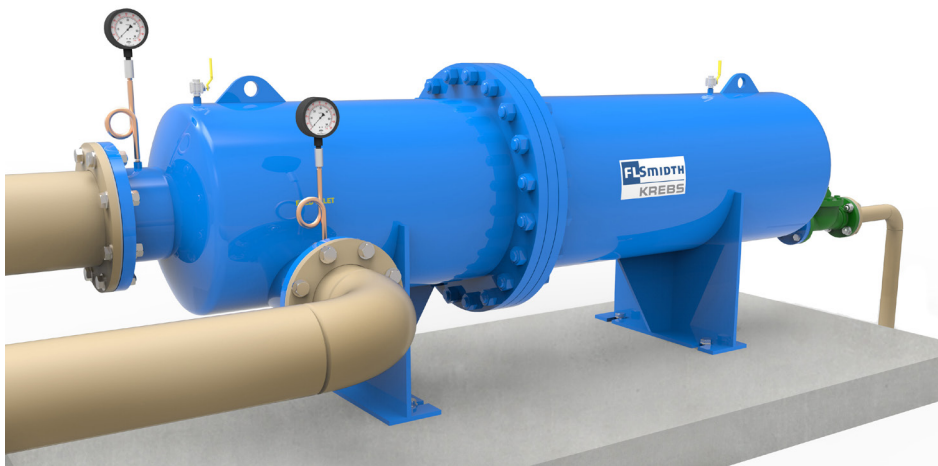
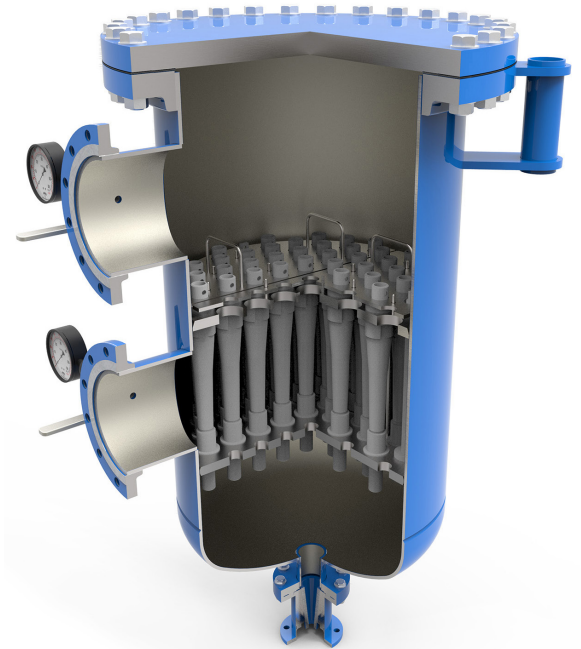


FLSmidth Krebs produces different types of Cyclones and DeSanders to meet the customer's specific requirements. Each type of Cyclone or DeSander comes in different sizes with different internal fittings to optimize the performance for every application. Sizes range from 2" diameter up to 30" diameter. Krebs offers units that are unlined, lined with vulcanized gum rubber, or lined with replaceable gum rubber liners depending on the budget constraints and customers preferred life of the unit. All our units can be mounted horizontally, vertically or at any angle in between. All of our units have an internal cone section which accelerates the rotational velocity of the water thus producing higher centrifugal forces as the diameter gets smaller which results in finer separations and/or more solids removal.

The water outlet can either be from the center of the top of the unit or tangential. Units can also be made with clockwise or counterclockwise rotation to ease installation depending on the piping configuration at the well site.

Krebs Cyclones and DeSanders are commonly used for brackish well water desanding as protection for reverse osmosis units from sand.

Standard materials of construction are carbon steel with gum rubber lining. Other materials of construction are also available as well as units that are designed and built to ASME code, Section VIII, Division I. For very fine separations down to about 5 microns, multiple numbers of small diameter alumina ceramic cyclones are installed in vessels.



FEATURES & BENEFITS

- ▶ Low capital cost and no moving parts
- ▶ Removes sand that could damage or plug up reverse osmosis units
- ▶ High capacity in a small footprint
- ▶ Efficient separation with relatively low power consumption
- ▶ Wide range of Krebs Cyclones and Desanders are available, 2" through 30" diameter
- ▶ Krebs Cyclones can be designed to any specification and from any alloy to meet the customer requirements

www.flsmidthkrebs.com

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