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Product datasheet

KREBS® DeSanders for potable water treatment

Our KREBS® DeSanders are fully customisable to make them as unique as your needs. Simplify your potable water treatment process with a KREBS® DeSander.

Protect downstream equipment with proven, reliable protection

Our DeSanders provide a finer separation and remove more solids than other separation systems on market. And it works with no moving parts so it has minimal maintenance requirements. Increase your profit margin when you let our technology get more out of your process for less.

Benefits

- Low capital cost
- No internal moving parts
- High abrasion resistance
- Efficient separation with low power consumption
- High capacity in small footprint

Features

- Wide range of DeSander sizes, materials and customised features to match your specific needs
- Custom-designed to meet your temperature, pressure and corrosion resistance requirements

Get equipment that is as unique as your needs

Customisation for improved separation

The diameter of the unit, pressure drop across the unit and configuration of the internal cone affect the amount of water that the unit can handle as well as the sharpness of the separation and the size of the solids that can be separated. A larger unit can handle more water but the separation will be coarser than a smaller diameter unit will make. Our product specialists work with you to optimise the selection of the unit to best take care of your needs.

Designed to last longer

Even when dealing with something as seemingly uniform as potable water treatment, the ideal materials of construction and lining depend on factors that are specific to your process and local requirements. The amount and properties of solids being removed, operating conditions, local requirements and other factors must be considered to select the optimal materials for your process.

Our standard material of construction is carbon steel, but we have a wide range of options to get the best fit for your process. We can offer equipment that is made in accordance with ASME code section VIII, division I specifications. The units can be unlined, have a vulcanised gum rubber lining or use replaceable gum rubber liners. As with other design decisions, our separation specialists are available to help you determine the optimal combination of materials.



Common horizontal arrangement of our KREBS® KCSS DeSander with a grit pot

We optimise your water treatment performance by installing a DeSander that is designed and manufactured to your precise needs.

Flow Rates for KD and KCSS DeSander Models

KD	KCSS	FLOW (gpm)	FLOW (m ³ /hr)
W2U	----	8 - 15	1.8 - 3.4
W3U	----	15 - 40	3.4 - 9.0
W4U	W40	37 - 80	8.4 - 18.0
W6U	W60	60 - 130	13.6 - 29.4
W10	W100	110 - 250	25.0 - 56.8
W16	W150	220 - 620	50.0 - 140.9
W20	W200	520 - 1,300	118.2 - 295.5
----	W260	850 - 2,200	193.2 - 500.0
W30	W300	1000 - 3,500	227.0 - 795.0

Configured for easy installation

We believe that replacing one piece of equipment should not cause problems for the rest of your process. Every DeSander that we sell is configured to fit easily into your existing or planned operation. They can be mounted at any angle from horizontal to vertical, with a water outlet position at the top of the unit or tangential. Horizontal mounts are a popular choice, especially in residential areas, because it makes the units easy to conceal.

Our units connect easily to your desired piping because the internal fittings are customisable. We can build the equipment for clockwise or counterclockwise rotation to accommodate any pipe configuration needs that you have the optimal combination of materials.

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