

Product datasheet

KREBS® Hydrocyclones for saltwater conversion

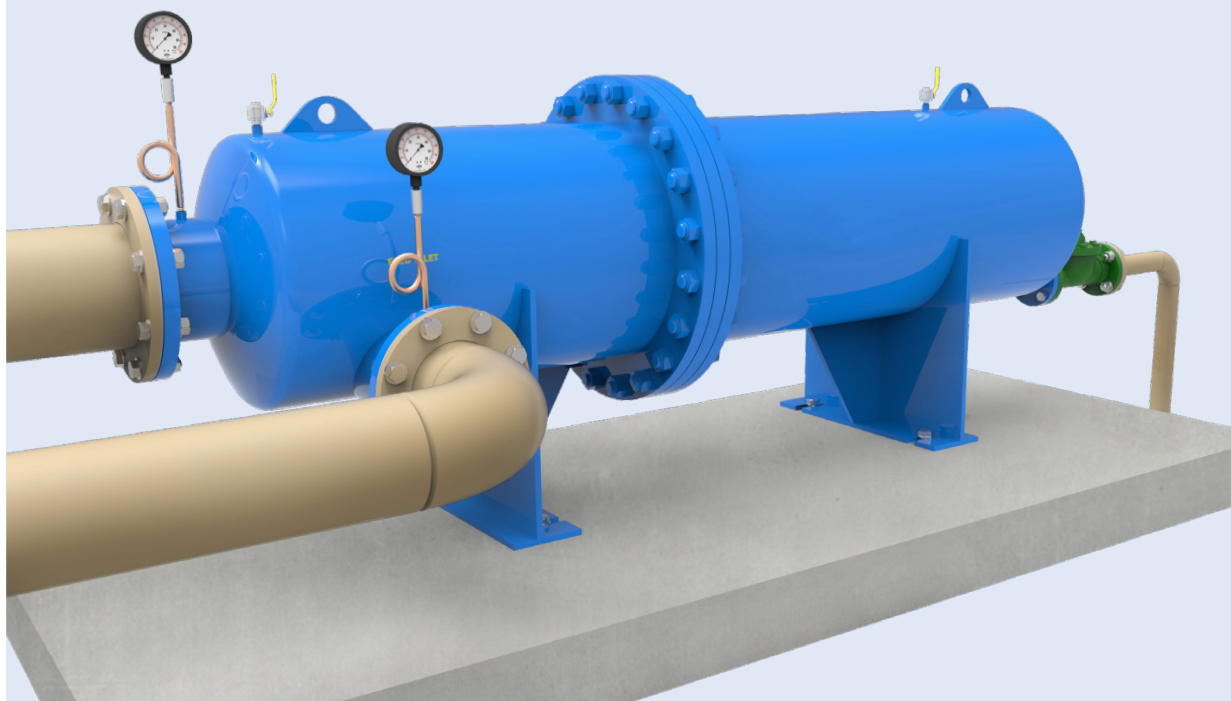
KREBS® cyclones and desanders are commonly used for brackish well water desanding to protect reverse osmosis units from sand. Our advanced design enables finer separation at high capacities in a compact footprint, giving you greater availability and lower costs.

KREBS CP Vessels comprise a system of compact, high-capacity, centrifugal separator cyclones, designed to efficiently separate fine solid particles from liquid. The image above shows the close packed cyclones in the vessel. Our (CP) vessels range from 13mm to 76mm (.5 to 3") in diameter (each cyclone).

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, to meet your needs
- Flexible design to meet your requirements

KREBS® DeSander KD and KS Series



We produce different types of cyclones and desanders to meet your specific requirements. Each type comes with a choice of sizes (from 2 – 30 in. diameter), internal fittings and linings. You can choose to leave your unit unlined, line it with vulcanized gum rubber, or line it with replaceable gum rubber liners, according to your budget and preferred life of the unit. For ease of installation, all our units can be mounted horizontally, vertically or at any angle in between.

KREBS® cyclones and desanders have an internal cone section that 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. This not only protects your equipment, but also saves you money on maintenance.

The water outlet can either be from the centre 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.

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.

Tucson, Arizona USA
Tel. +1 520 744 8200
E-mail: krebs@flsmidth.com

Neusiedl am See, Austria
Tel. +43 2167 3345
krebseurope@flsmidth.com

Queensland, Australia
Tel. +61 7 5519 5700
krebsaustralia@flsmidth.com

Western Australia
Tel. +61 8 6258 4800
krebsaustralia@flsmidth.com

Sao Paulo, Brasil
Tel. +55-15-3416-7400
krebsbrasil@flsmidth.com

Santiago, Chile
Tel. +56 2 2463 8350
krebschile@flsmidth.com

Beijing P.R. China
Tel. +86-10 8468 9100
krebschina@flsmidth.com

Chennai, India
Tel. +91 44 4748 1000
krebsindia@flsmidth.com

Manila, Philippines
Tel. +63-2-687-9251
Krebs-Philippines@flsmidth.com

Johannesburg, South Africa
Tel. +27 (0)10 210 4750
krebsafrica@flsmidth.com