DOCUMENTATION TECHNIQUE

Séparateurs et traitement des eaux

Caractéristiques, plans et instructions du fabricant.
Pour le choix de votre équipement et la préparation d'une demande de devis.

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LAKOS
FILTRATION SOLUTIONS

FILTRATION FOR MUNICIPAL WATER SYSTEMS



PROTECT YOUR WATER TREATMENT SYSTEMS

- Water Wells
- Surface Water Sources
- PFAS Removal Systems: GAC, ION Exchange and RO Membrane
- Wastewater



CENTRIFUGAL-ACTION SAND SEPARATORS

PWC



NSF Certified Liquid-Solid Separators

Features and Benefits:

- Filter performance rated to remove up to 98% of solids 74 microns and larger
- No moving internal parts to wear out, eliminating mechanical failure
- Continuous centrifugal filtration with no backwashing requirements
- Third-party tested for proven performance
- NSF/ANSI/CAN 61 Certified
- Flow Range: 240 – 4,000 US GPM



NSF

LAKOS PWC Sand Separators are NSF Certified. Scan QR Code to learn more about PWC Separators.

JSK



3M Scotchkote™ 134 Liquid-Solid Separator

Features and Benefits:

- Internally coated with 3M Scotchkote™ 134 — a one-part heat curable epoxy for superior protection against corrosive liquids such as sea water — providing the longevity of stainless, but in a carbon steel body
- Scotchkote™ is NSF 61 Drinking Water Safe Certified
- Filter performance rated to remove up to 98% of solids 74 microns and larger
- No moving internal parts to wear out, eliminating mechanical failure
- Continuous centrifugal filtration with no backwashing requirements
- Flow Range: 16 – 12,750 US GPM

3M

Internal Scotchkote™ 134 coating.



NSF

LAKOS JSK Sand Separators are NSF Certified. Scan QR Code to learn more about JSK Separators.

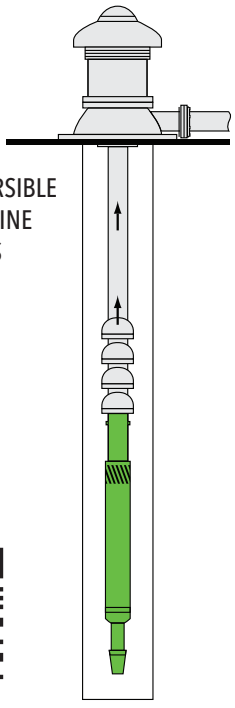
PPS



Well Water Pump Protection Separator

Features and Benefits:

- Controls sand from entering the pump inlet, before it can chew up impellers, bearings, and other pump components
- Extend the life of submersible and turbine pumps
- Reduce well sand intrusion in process water supply
- Flow Range: 100–3,180 US GPM



FOR SUBMERSIBLE AND TURBINE PUMPS

Scan QR Code to learn more about PPS Separators.

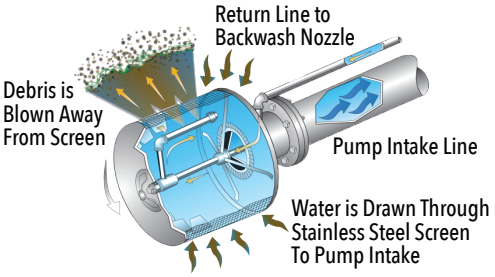
PC SCREEN

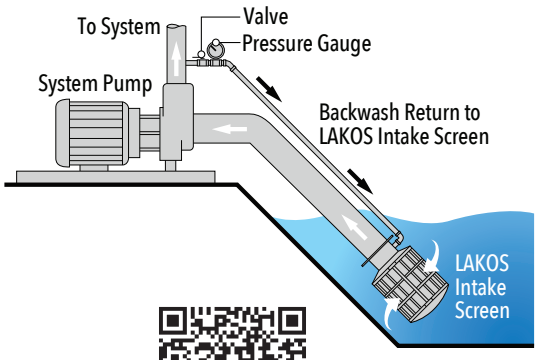


Open Water Pump Intake Screen

Features and Benefits:

- Protect pumps and other water system components from leaves, algae, moss, sticks, and other troublesome debris
- For source water from rivers, canals, lakes, etc.
- Save energy by maintaining pump efficiency
- Reduces maintenance by continuous cleaning
- Flow Range: 50–2,400 US GPM





Scan QR Code to learn more about PC Screens.

PURGE OPTIONS



Automated Solids Purge

Features and Benefits:

- NSF Certified stainless steel valve with flanged or threaded options
- Purge separated solids from LAKOS Separators at pre-determined intervals
- LAKOS Controllers provide options to control and adjust purge intervals and duration
- LAKOS Purge Valves are capable of handling all types of fine, fibrous, and mildly abrasive solids
- EFS: Electric Battery Backup Fail-safe Valves automatically closes the valve in the event of a power failure
- LAKOS Controllers feature solid state reliability, thus removing the need for routine maintenance

INDEPENDENT TESTING

ICWT International Center for Water Technology

LAKOS Separators have been independently tested and certified by an independent testing agency, the International Center for Water Technology (ICWT), confirming our separators' filtration performance and capability to remove troublesome particle matter from pumped water.

For over 30 years the internationally recognized ICWT/CIT Testing Laboratories have been providing independent, third party testing to a wide range of irrigation and other industries around the world.

ICWT has experience with hydraulics, pumps, filters, and valves. Fluid component testing provides manufacturers, distributors and end-users with accurate performance data for applicability assessment and enable product development. ICWT was recently certified by IAPMO R&T — North America's premier third party certification body for plumbing and mechanical products.

More information about the testing agency and testing process can be found at www.californiawater.org.

Scan QR Code to learn more about our Municipal Waterworks solutions.

LAKOS FILTRATION SOLUTIONS

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