Which solution is right for you?

Application Selection Guide

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Other Filtration Solutions from LAKOS

- **SandMaster HD5/TMP**
  - Commercial grade separator for residential usage

- **Pump Protection Sand Separator SUB-K**
  - Submersible pump sand separator for low flows, sediments, and debris

For more information about these products, refer to the Residential Filtration Brochure (LS 447).

Solving “Solids-from-Liquid” Operating Challenges

Founded in 1972 and based in Fresno, California, LAKOS Separators and Filtration Solutions is a leading provider of solids separation and filtration solutions for a variety of applications. In the groundwater, residential, and irrigation markets, we distribute our products through technically trained resellers in more than 40 countries around the world. Our commitment to continuous innovation has resulted in a patented product range that continues to evolve to meet the world’s ever-demanding filtration needs.
The ILB Centrifugal Separator is designed for high flow rate applications. The trouble-free operation of the ILB keeps water clean and concentrates separated sand.

**Factors and Benefits:**
- Centrifugal Separator patented technology
- No screens or filter elements to clean or replace; no routine maintenance
- Low and steady pressure loss
- No routine maintenance

**Features:**
- Modular manifold design for easy installation and system expansion
- Modular centrifugal separator and sand discharge system

- Integration of LAKOS Stainless Steel Systems set the industry standard for industrial sand filtration.
- Provides higher sand and water separation efficiency.
- Centrifugal sand separation.
- Stainless steel construction.
- No screens or filter elements to clean or replace; no routine maintenance.
- Low and steady pressure loss.
- Stainless steel media tanks.
- Modular manifold design for easy installation and system expansion.
- For more technical information, refer to LAKOS form LS-623.

**Flow Rate:**
- 3–290 U.S. gpm (0.7–66 m³/hr)

**Pressure Range:**
- 150 psi (10.3 bar)

**Innovative patented design. No moving parts to wear out or replace.**

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**Centrifugal Separators**

**ILB/ILS**

- **Flow Range:** 3–290 U.S. gpm (0.7–66 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**Sand Separators**

**ILB**

- **Flow Range:** 200–4,310 U.S. gpm (65–988 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**Sand Separators**

**ILS**

- **Flow Range:** 200–4,310 U.S. gpm (65–988 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**Sand Media Filter**

**PROII**

- **Flow Range:** 50–2,400 U.S. gpm (1.3–545 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**Sand Media Filter**

**SST**

- **Flow Range:** 50–2,400 U.S. gpm (1.3–545 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

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**MEDIA TANKS**

**Carbon Steel Media Tanks**

- **Flow Range:** 50–2,400 U.S. gpm (1.3–545 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**Stainless Steel Media Tanks**

- **Flow Range:** 50–2,400 U.S. gpm (1.3–545 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

**OPEN SOURCE WATER SOLUTION**

**Pump Intake Screen**

- **Flow Range:** 100–3,180 U.S. gpm (2.7–722 m³/hr)

**Water Well Sand Damage Control**

**PPS**

- **Flow Range:** 100–3,180 U.S. gpm (2.7–722 m³/hr)

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**BACKWASH REDUCTION SYSTEMS**

**BRS**

- **Flow Rate:** 50–2,400 U.S. gpm (1.3–545 m³/hr)
- **Max Pressure:** 150 psi (10.3 bar)

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**FOR SAND, SEDIMENT, AND OTHER SOLIDS**

**FOR ORGANICS AND OTHER FINE PARTICLES**

**FOR SANDY WELLS**