

LAKOS® I L B SAND SEPARATORS

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Page 35b

ALL LAKOS SAND SEPARATORS WILL SHIP DIRECT FROM THE FACTORY TO YOU

LAKOS® ILB Centrifugal-Action Sand Separators for low flow Irrigation and Commercial Applications

Ideally suited for small system applications, side stream installations, and individual equipment protection.

Removes settleable sand, grit and other fine solid particles that settle in process water systems. Removes 98% of such particles 200 mesh/74 micron and larger. Heavier solids result in better results.

Centrifugal style of filtration is efficient and trouble free.

No filter screens or cartridges to clean or replace. No backflushing. No moving parts to wear out.

Easily automated for maintenance free operation.

Low and steady pressure loss (5 – 12 psi), remains steady with pump flow.

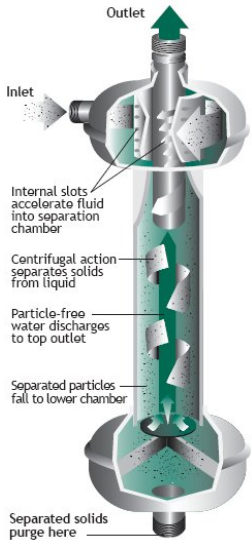
Flow ranges of 3 to 290 gpm.

Maximum system pressure is 150 psi.

Purge size is 3/4" NPT male.

Carbon steel body construction.

Patented.



How to determine sizing: Select proper model by the pump's actual flow rate.

Maintenance / Purging:

ILB Sand Separators must be purged regularly to remove separated solids from the temporary collection chamber.

All purge hardware should be installed prior to any elbow or turns in the purge piping.

Avoid uphill purging, which can clog the purge piping and hinder effective solids evacuation.

For best results, purging is recommended while the separator is in operation, utilizing system pressure to enhance solids evacuation.

Durable, reliable, automatic purging systems are available to eliminate routine maintenance. Frequency of purging and duration of purging are both programmable to accommodate the specific needs of virtually any application.

Be sure to include an isolation valve, prior to the automatic valve, to facilitate servicing of the automatic valve without system shut down.

How it Works

LAKOS ILB – Low Flow – Centrifugal Action SAND SEPARATORS – with Carbon Steel Shell

Part Number	Flow Rate	In/Out Size	Max Size Particles	Collection Capacity	Dry Weight	Price
ILB-0050	4 – 10 gpm	1/2"	1/4"	0.3 gal	14#	\$ 579.00
ILB-0075	10 – 20 gpm	3/4"	1/4"	0.3 gal	15#	\$ 627.00
ILB-0100	19 – 32 gpm	1"	1/4"	0.3 gal	27#	\$ 702.00
ILB-0125	28 – 48 gpm	1-1/4"	3/8"	0.3 gal	27#	\$ 757.00
ILB-0150	45 – 70 gpm	1-1/2"	3/8"	0.3 gal	27#	\$ 799.00