

# Cartridge Filters

Pleated Polyester Cartridge Filters and Polypropylene Housings



LAKOS Cartridge Filters remove fine sediments, rust, scale, organics and other particulates. They are ideally suited for small domestic, private and commercial water systems and many low volume irrigation applications. Easily installed wherever needed, these durable units protect such systems from the accumulation of troublesome sand, silt and clay. They also eliminate low concentrations of bothersome algae and other organic matter. The cartridges are easily replaced and may even be cleaned for re-use.

## Materials of Construction:



### Cartridge Housing

- **Housing:** Polypropylene
- **Cap:** Polypropylene (HFPP)
- **Button Assembly:** 300 series Stainless Steel, EPDM, and Polypropylene
- **O-Ring:** Buna-N



50 micron only

### Filter Materials

- **Filter Media:** Non-Woven Polyester
- **End Caps:** Vinyl Plastisol
- **Core:** Polypropylene

## Maximum Flow Range:      Maximum Temperature:

40 US gpm (9.1 m<sup>3</sup>/hr)

100° F  
37.8° C

## Maximum Pressure:      Micron Options:

10" Cartridge: 100 psi (6.9 bar)

30 microns  
50 microns

## Specifications:

### Filter Cartridge:

Part NO.	Model	Nominal Micron Rating	Length	Width
105943	CAR - 0030	30	9 3/4"	4 1/2"
105944	CAR - 0050	50	9 3/4"	4 1/2"

### Housings: 1-1/2-inch, female NPT inlet/outlet

Part NO.	Model	Length	Width
106401	CAR - 1500	13 5/8"	7 1/4"

## Features and Benefits:

- Pleated design maximizes dirt-holding capacity
- Versatile and reusable
- Durable polyester media is bacteria and chemical resistant
- Nominal 30 and 50 micron rating

## Limited Warranty

The LAKOS Cartridge Filter is warranted to be free of material or workmanship defects for one year from delivery date.

If a fault develops, notify us, giving a complete description of the alleged malfunction. Include the model number(s), date of delivery and operating conditions of subject product(s). We will subsequently review this information and, at our option, supply you with either servicing data or shipping instruction and returned materials authorization. Upon prepaid receipt of subject product(s) at the instructed destination, we will then either repair or replace such product(s), at our option, and if determined to be a warranted defect, we will perform such necessary product repairs or replace such product(s) at our expense. This limited warranty does not cover any products, damages or injuries resulting from misuse, neglect, normal expected wear, chemically-caused corrosion, improper installation or operation contrary to factory recommendation. Nor does it cover equipment that has been modified, tampered with or altered without authorization. No other extended liabilities are stated or implied and this warranty in no event covers incidental or consequential damages, injuries or costs resulting from any such defective product(s).

## Innovative Technology

LAKOS Separators and Filtration Solutions are manufactured and sold under one or more of the following U.S. Patents:

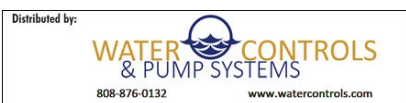
5,320,747; 5,338,341; 5,368,735;  
5,425,876; 5,571,416; 5,578,203;  
5,622,545; 5,653,874; 5,894,995;  
6,090,276; 6,143,175; 6,167,960;  
6,202,543; 7,000,782; 7,032,760 and  
corresponding foreign patents, other U.S.  
and foreign patents pending.

# LAKOS

**Separators and Filtration Solutions**

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## Additional Accessories



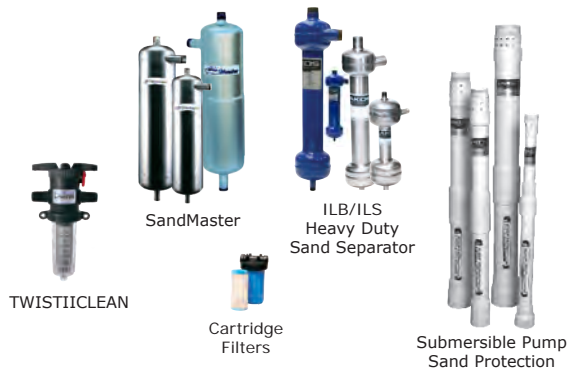
Optional Mounting Bracket



Optional Spanner Wrench  
for easy cartridge changing

Accessories	Part NO.	Model	Ship Weight
Aluminum Mounting Bracket	105529	CAR - 0088	1lbs
Spanner Wrench	108173	CAR - 0099	1lbs

## The Complete Family of LAKOS Residential Filtration Solutions



For more information, go to  
[www.LAKOS.com](http://www.LAKOS.com) and refer to LS-847