

# LAKOS® LQ CARTRIDGE FILTER HOUSINGS

## PROVEN PERFORMANCE

Lakos LQ filters provide unsurpassed performance. Our unique design offers extended filter life, increased dirt holding capacity and reduced maintenance costs.



## FEATURES

- Patented Up-flow design with tangential entry - prevents air entrapment
- Electropolished 304 stainless steel housing
- Fail-Safe lid closure, rated for 150 psi
- Three sizes for greater media surface area
- CPVC standpipe (standard) - stainless steel optional
- Extensive choice of cartridge micron ratings and media, including carbon block
- Available Lakos cartridges: polyester, polypropylene, string wound, poly mesh, carbon, anti-microbial, and cellulose phenolic
- Made in USA



LQ-1-10

LQ-1-30

LQ-1-20

## APPLICATIONS

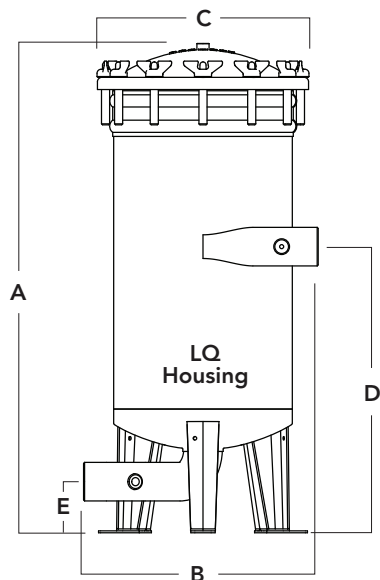
Commercial/Residential  
Drinking Water  
Cooling Tower Filtration  
Desalination Pre-filtration  
(316 and coated options)

Surface Water Treatment  
Rule (SWTR) LT2  
Process Water  
Whole House Filtration

Industrial Waste Water  
Treatment  
Reverse Osmosis  
Pre-filtration  
Small Community  
Compliance LT2

Well Water  
Ground Water  
Remediation  
Ground Water Under  
Direct Influence  
(GUDI)Cosmetics

# LAKOS® LQ CARTRIDGE FILTER HOUSINGS



LQ-1-10



LQ-1-20



LQ-1-30

## ORDERING INFORMATION

FILTER MODEL	A Filter Height	B Width	C Diameter	D Inlet Height	E Outlet Height	Pipe Size NPT	Drain Size NPT	Floor Space	Service Ht.	Shipping Wt. lbs.	Carton Size In.
LQ-1-10	19-1/2"	14-3/8"	13"	12-3/4"	3-7/16"	2"	1"	15" x 15"	35"	40	14x16x21
LQ-1-20	29-7/8"	14-3/8"	13"	17-3/4"	3-7/16"	2"	1"	15" x 15"	51"	52	14x16x38
LQ-1-30	40-1/2"	14-3/8"	13"	23-5/8"	3-7/16"	2"	1"	15" x 15"	72"	64	14x16x42

## SPECIFICATIONS

Electropolished 304 stainless steel

Standpipe - CPVC

Temperature - 140°F (60°C) max. Up to 250°F (121°C) with optional stainless steel standpipe and high temperature cartridges installed

Wing nuts - brass

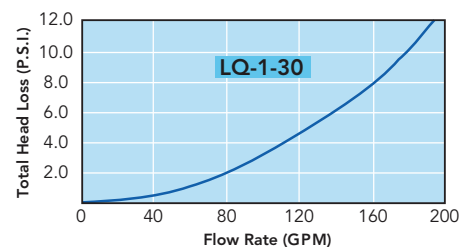
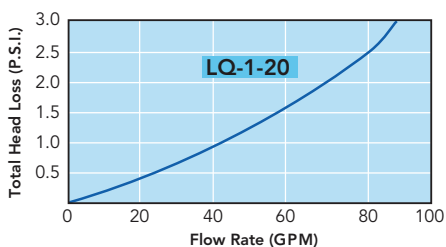
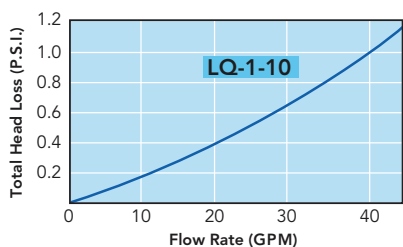
Rim gaskets - EPDM  
(Buna-N, Viton available)  
BSP optional

Gauge sample ports (1/4"), inlet and outlet

Pressure - 150 psi (10 bar) max.

All stainless steel housings are 304; 316 available upon request. Stainless steel standpipe for high temperature also available.

## PRESSURE DROP



The total head loss data shown above was developed by NSF International and indicates pressure drop with Lakos LQ filter housings and 20 micron filter cartridges in clean water. For additional information, please refer to the "Installation & Operation Manual" for Lakos Cartridge Filters.

Note: This publication is to be used as a guide. The data within has been obtained from many sources and is considered to be accurate. Lakos does not assume liability for the accuracy and/or completeness of this data. Changes to the data can be made without notification. Temperature, Pressure, Flow Rates, Differential Pressures, Chemical Combinations and other unknown factors can affect performance in unknown ways. Limited Warranty: Lakos warrants their products to be free of material and workmanship defects. Determination of suitability of Lakos products for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. The end user/installer/buyer shall be liable for the product's performance and suitability regarding their specific intended applications. End users should perform their own tests to determine suitability for each application.