

# Aquatrex\* Large Diameter Filter



Figure 1: Aquatrex Filters

## Description and Use

Aquatrex\* Filters combine innovative depth filter technology, quality cost effectiveness to provide excellent filtration value in residential and light commercial applications.

## Expanding its Product Line

GE is continuing to expand its product line to meet current market demand with the introduction of our new large diameter (LD) filter. Manufactured with our world-renowned Meltblown Microfibers Technology, the engineered gradient density feature of this cartridge provides exceptional dirt-holding capacity and unequalled life compared to our equivalent rated standard filters. The LD filter, with its three to eight times greater dirt-holding capacity and life, will reduce change-out frequency, adding more value in applications where high capacity and infrequent change-outs are desired.

This product is ideally suited to be used in AMETEK's Big Blue and Keystone's Blue Giant housing units. (Big Blue is a trademark of US Filter/Siemens. Blue Giant is a trademark of Metpro Keystone Filter Division.) The LD filter has pure FDA compliant polypropylene construction, and is manufactured using ISO 9001 certified process.

## Typical Applications

- Whole House Filtration
- Spa and Pool Filtration
- Restaurant and Food Service
- Water Filtration

## General Properties

### High Dirt-Holding Capacity

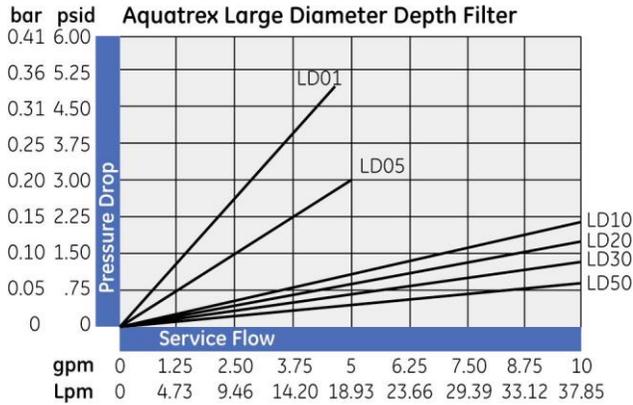
- Unique dual-graded density design of the extended media captures particles throughout entire filter depth
- High dirt-holding capacity means longer life and fewer change-outs, which translates into money saved
- Precision final filter results in consistent high-performance filtration
- Large media area allows for high flow rates (Maximum recommended flow rate is 10 gpm for 10, 20, 30, and 50 microns, 5 gpm for 1, and 5 microns per 10-inch length. Change-outs recommended at 25 psid)



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**Table 1: High Flow Rate at Low Pressure Drop<sup>1</sup>**



<sup>1</sup>Data based on 10" length filter with clean water

### Pure Polypropylene Construction

- Thermally-bonded microfibers for positive dirt retention
- High-purity polypropylene media has no wetting agents, solvents, antistatic agents or binders
- Wide chemical compatibility
- Temperatures to 150°F (65°C)
- Meets the requirements of the FDA Title 21 of The Code of Federal Regulations 174.5 and relevant subparts of 177.
- Tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only.

### Proven Manufacturing Process

- Automated, consistent manufacturing process ensures reliable performance and repeatable results
- Large diameter filter manufacturing is ISO 9001 certified assuring continuous product quality

## Ordering Information

When Ordering GE LD filter cartridges please select a micron rating and a length (Table 2). Example: LD 10-9.875

**Table 2: Ordering Information**

Type	Micron Rating	Cartridge Length
LD	01 = 1 µm	9.875 In (25.1 cm)
	05 = 5 µm	
	10 = 10 µm	20 In (50.8 cm)
	20 = 20 µm	
	30 = 30 µm	
	50 = 50 µm	

Inside Diameter = 1 inch (2.5 cm)  
Outside Diameter = 4.75 inches (12.1 cm)

### Material and FDA Compliance

Aquatrex large diameter cartridge filters are made from thermally-welded blown microfibers of polypropylene. GE certifies that the resin used for manufacturing the filter media of this product meets the requirements of the Food and Drug Administration (FDA) Title 21 of the Code of Federal Regulations (CFR) 174.5 and relevant subparts of 177.

