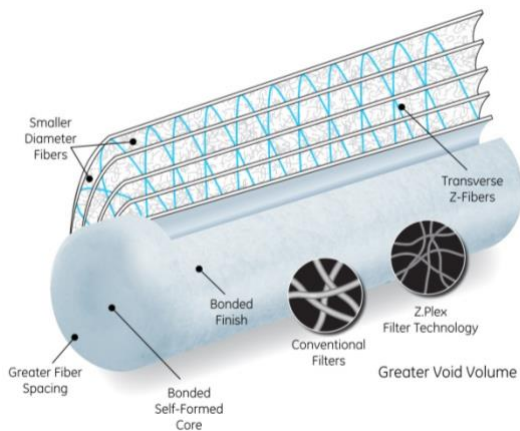


# Aquaplex\* Large Diameter Filter

## FACT SHEET

For light commercial applications, using the Z.Plex\* technology



This product is ideally suited to be used in AMETEK's Big Blue+ and Keystone's Blue Giant+ housing units. The LD filter has pure FDA compliant polypropylene construction, and is manufactured using ISO 9001 certified process.



Figure 1: Aquaplex LD Filters

### Description and Use

Aquaplex Filters combine Z.Plex innovative depth filter technology of quality cost effectiveness to provide excellent filtration value in residential and light commercial applications.

**Expanding Its Product Line:** Veolia is continuing to expand its Z.Plex product line with the introduction of our new large diameter filter. The engineered gradient density feature of this cartridge provides exceptional dirt-holding capacity and unequalled life compared to our equivalent rated standard filters. The Aquaplex 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.

### Typical Applications

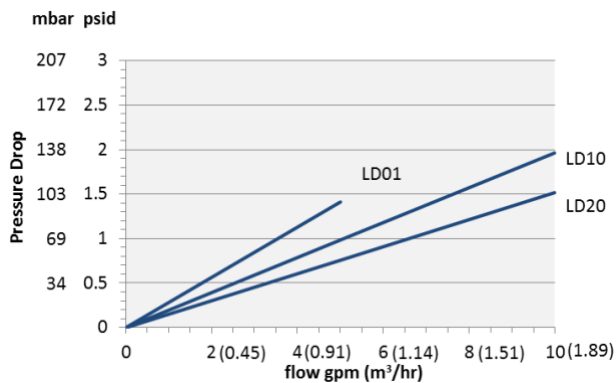
- Whole House Filtration
- Spa and Pool Filtration
- Restaurant and Food Service

## 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 and 20 microns, 5 gpm for 1 micron per 10-inch length. Maximum recommended change-out pressure drop is 25 psid.

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)

### 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 Veolia Aquaplex.Z LD filter cartridges please select a micron rating and a length (Table 2). Example: Aquaplex.Z LD 10-9.875

Table 2: Ordering Information

Type	Micron Rating	Cartridge Length
Aquaplex.Z LD	01 = 1 µm	9.875 in (25.1 cm)
	10 = 10 µm	20 in (50.8 cm)
	20 = 20 µm	

Inside diameter = 1 in (2.5 cm)

Outside diameter = 4.5 inches (11.43 cm)

### Material and FDA Compliance

Aquaplex.Z LD cartridge filters are made from thermally-welded blown microfibers of polypropylene. Veolia certifies that the resin used for manufacturing the filter media of this product meets the requirements of:

- 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.
- Article 3 of the EU Regulation No. 1935/2004/EC and may be used in all the EU Member states in full compliance with the EU Plastics Regulation No. 10/2011.
- NSF 61 criteria

**Veolia Water Technologies**

Please contact us via:

[www.veoliawatertechnologies.com](http://www.veoliawatertechnologies.com)

