

Aquaplex* large diameter filter

for light commercial applications, using the Z.Plex* technology

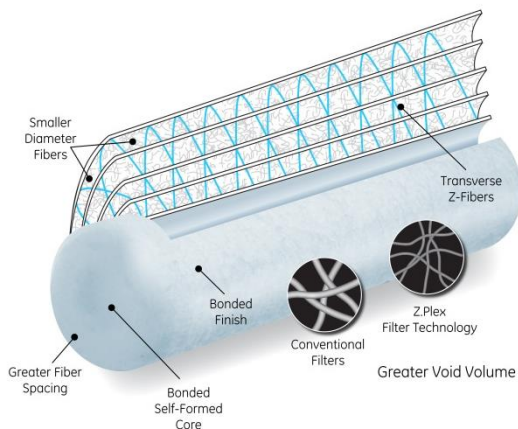


Figure 1: Aquaplex LD Filters

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: SUEZ 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.

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.

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

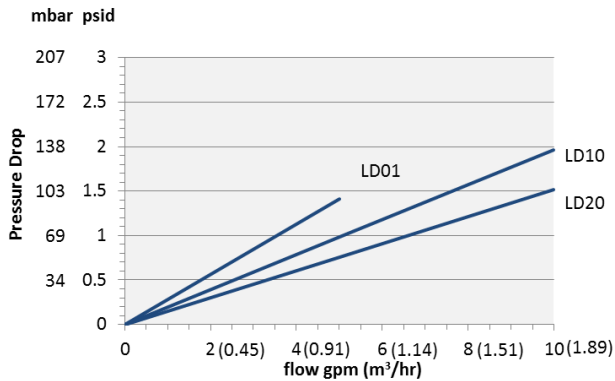
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- Large media area allows for high flow rates (Maximum recommended flow rate is 10 gpm for 10 and 20 microns, 5 gpm for 1 micron per 10-inch length. Maximum recommended change-out pressure drop is 25 psid.

Table 1: High Flow Rate at Low Pressure Drop¹



¹Data 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 SUEZ 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. SUEZ 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.

