

# MBB Large Diameter Filter



Figure 1: MBB Filters

## Description and Use

MBB Large Diameter Filters combine innovative depth filter technology, and quality to provide excellent filtration value in residential and light commercial applications.

## Expanding its Product Line

GE Water & Process Technologies continues to expand its product line meeting market demand with the introduction of our new large diameter MBB filter. Manufactured with our world-renowned Meltblown Microfiber 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 MBB 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

- True-graded density 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 25 microns and 5 gpm for 1, and 5 microns per 10-inch length. Change-outs recommended at 25 psid)

### 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
- Meets the requirements of the FDA Title 21 of The Code of Federal Regulations 174.5 and relevant subparts of 177.



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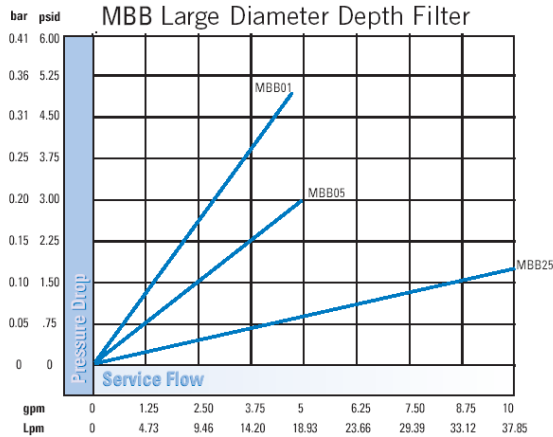
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## Proven Manufacturing Process

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

**Figure 2: High Flow Rate at Low Pressure Drop<sup>1</sup>**



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

## Ordering Information

When Ordering MBB Large Diameter Filter cartridges please select a micron rating and a length (Table 1).

**Table 1: Ordering Information**

Model Number	Part Number	Filter Type	Micron	Size (in/cm)
MBB55-25-10	3015155	Sediment	25	4.5 x 9.875 / 11.43 x 25.08
MBB56-25-20	3015156	Sediment	25	4.5 x 20 / 11.43 x 50.8
MBB57-05-10	3015157	Sediment	5	4.5 x 9.875 / 11.43 x 25.08
MBB58-05-20	3015158	Sediment	5	4.5 x 20 / 11.43 x 50.8
MBB59-01-10	3015159	Sediment	1	4.5 x 9.875 / 11.43 x 25.08
MBB60-01-20	3015160	Sediment	1	4.5 x 20 / 11.43 x 50.8

## Material and FDA Compliance

MBB Large Diameter 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.

## Important Notice To User:

The following is made in lieu of all other warranties expressed or implied. Manufacturer's and Seller's only obligation shall be to issue credit against the

purchase or replacement of the product proved to be defective in material or workmanship. Neither Manufacturer nor Seller shall be liable for any injury, loss or damage, direct or indirect, special or consequential, arising out of the use of, misuse, or the inability to use such product. The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill at their discretion and risk. Since conditions of use are outside GE's control, we can assume no liability whatsoever for results obtained or damages incurred through the application of the data presented. This information is not intended as a license to operate under, or a recommendation to infringe upon, any patent of or others covering any material or use. The foregoing may not be altered except by a written agreement signed by officers of the Manufacturer.

