

# BC Series

## High-flow Sediment Filter Cartridges



Rainfresh BC series sediment filter cartridges are specifically designed for high-flow dirt removal applications such as high-flow UV pre-filtration, Point of Entry (POE) filtration, etc. They remove dirt, rust, sand, silt and other particulate matter from water.

The BC series filter cartridges are manufactured using 100% food-grade polypropylene in a string wound style. No additives or binders are used during the manufacturing process, resulting in a pure product that does not leech out extractables in during use.

The BC filter cartridges exhibit high dirt holding capacities and have excellent contaminant removal efficiencies at the rated micron size. Because of their large surface area and volume, they also exhibit excellent flow characteristics, making these filters an excellent choice for any high-flow water filtration application.

### BENEFITS

- Efficient sediment removal over long life
- Higher flow rates
- Low differential pressure
- Excellent filtration characteristics
- Universal Fit - Fits Big Blue<sup>®</sup> and other high flow filter housings

<sup>®</sup> - Big Blue<sup>®</sup> is a registered trademark of Pentair Inc & is not associated in any way with Envirogard Products Ltd.

### FEATURES

- Made up of premium grade polypropylene.
- Highly effective in reduction of particles at rated micron size.
- UNIVERSAL FIT – Fits Rainfresh, Big Blue<sup>®</sup> & other high-flow filter housings
- Large surface area and over 1" bed depth.
- Resistant to media migration even under high differential pressure.

### MODELS & SPECIFICATIONS

| Model | Micron Rating nominal | Length (Inch) | O.D (Inch) | I.D (Inch) | Fits Rainfresh Housing* | Cartridge Type                                              | Max Flow Rate | Max. Operating Temp |
|-------|-----------------------|---------------|------------|------------|-------------------------|-------------------------------------------------------------|---------------|---------------------|
| BC101 | 1μ                    | 10"           | 4 5/8"     | 1"         | BH010                   | High flow Polypropylene string wound depth filter cartridge | 20 GPM        | 100°F (38°C)        |
| BC1   | 5μ                    |               |            |            |                         |                                                             |               |                     |
| BC10  | 10μ                   |               |            |            |                         |                                                             |               |                     |
| BC3   | 25μ                   |               |            |            |                         |                                                             |               |                     |
| BC201 | 1μ                    | 20"           |            |            | BH020                   |                                                             | 40 GPM        |                     |
| BC205 | 5μ                    |               |            |            |                         |                                                             |               |                     |
| BC210 | 10μ                   |               |            |            |                         |                                                             |               |                     |
| BC225 | 25μ                   |               |            |            |                         |                                                             |               |                     |

\* - Also fits equivalent competitive high-flow filter housings. NOTE – For use with water only.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

### TESTING & CERTIFICATION

Component certified to NSF/ANSI 61 and CSA B483.1 for material requirements only.



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