



Science.
Applied to Life.™

High Flow Water Filtration System BEV Series

DESCRIPTION



NSF/ANSI Std. 53
Health Effects

NSF/ANSI Std. 42
Aesthetic Effects



- High flow series model with single cartridge;
- Improve the taste, appearance and consistency of beverages;
- Revolutionary Integrated Membrane Pre-Activated Carbon Technology (IMPACT) dual-zone media cartridge construction combines a nylon membrane in series with premium activated carbon to provide superior throughput and cartridge life, and effectively reduce up to 99.99% of common water-borne bacteria as tested by 3M Purification Inc. (apply for model BEV140, BEV160 and BEV190 only);
- Built-in bacteria inhibitor intended to reduce fouling of media;
- Effectively eliminate particulate, chlorine and odor, cyst and bacteria;
- Complied with NSF/ANSI Standard 53 Health Effects and Standard 42 Aesthetic Effects;
- SQC™ (Sanitary Quick Change) encapsulated cartridge design allows for fast and easy cartridge change-outs with a 1/4 turn, requiring no contact with the filter media
- Patented valve-in-head simultaneously shuts off and vents water, allowing for simple and virtually trouble-free cartridge change-outs without the need to shut off the upstream feed water;
- Manufactured from FDA CFR-21 compliant materials.

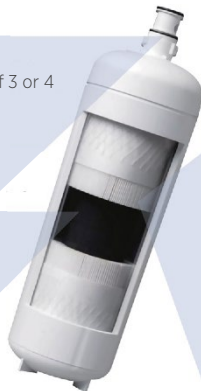
INTEGRATED MEMBRANE PRE-ACTIVATED CARBON TECHNOLOGY (IMPACT)

Integrated

- One cartridge accomplishes the job of 3 or 4 cartridge system
- Polypropylene housing
- Fast and easy cartridge change-outs with SQC design

Pre-activated Carbon

- No activation steps are required
- Polycarbon block releases virtually no carbon fines
- More than 4 times the chlorine taste and odor reduction capacities



Membrane

- Patented pharmaceutical-grade microporous membrane
- Reduce cryptosporidium and giardia cysts
- Enhance plated membrane has four times the surface area of competitor
- Progressive particle separation to enhance cartridge sediment-holding capacity

| | |
|---------------|--------------------------|
| E. Coli | Reduction rate >99.9989% |
| P.fluorescens | Reduction rate >99.9999% |

PHYSICAL SPECIFICATIONS

- System includes a head assembly with integral mounting bracket, pressure gauge and a single cartridge filter;
- Filter cartridge is O-ring seal type;
- System operating pressure range in 25-125 psi (kPa) and operating temperature range in 4.4-37.8°C;
- Filter cartridge requires no pre-activation;
- Filter head of BEV system comes with water pressure gauge indicates cartridge status;



VH3-BSP valve-in filter head with water pressure gauge.

(for model BEV120, BEV130 and BEV140)



NH3-BSP inlet shut-off valve filter head with water pressure gauge.

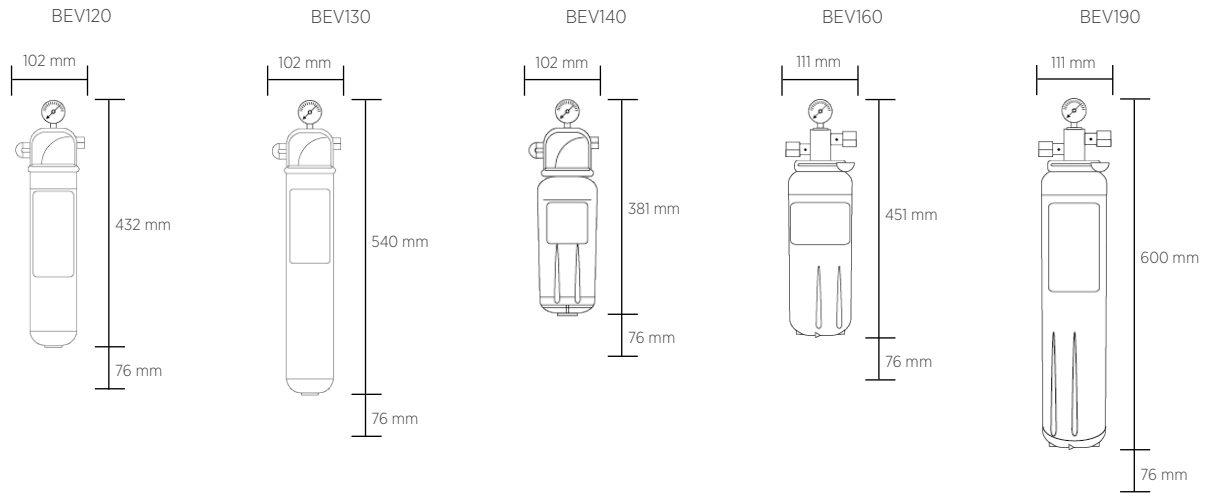
(for model BEV160 and 190)



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Water Filtration System BEV Series

PRODUCTS SPECIFICATIONS



| Model | Reduction claims | Micron rating | Flow rate | Capacity | Water inlet/outlet | Dim. (mm) | Weight | Cartridge change | Cartridge model |
|--------|---|---------------|---------------------|-------------------------|--------------------|------------|---------|-------------------------|-----------------|
| BEV120 | Sediment, chlorine, odor cyst | 0.5 | 1.5 gpm (5.7 lpm) | 9,000 gl (34,069 ltr) | 3/8" NPT | 432 H Ø102 | 1.44 kg | At least every 6 months | HF20 |
| BEV130 | Sediment, chlorine, odor cyst | 0.5 | 1.67 gpm (6.3 lpm) | 14,000 gl (52,996 ltr) | 3/8" NPT | 540 H Ø102 | 1.75 kg | At least every 6 months | HF30 |
| BEV140 | Sediment, chlorine, odor cyst, bacteria | 0.2 | 2.1 gpm (7.9 lpm) | 25,000 gl (94,635 ltr) | 3/8" NPT | 381 H Ø102 | 2 kg | At least every 6 months | HF40 |
| BEV160 | Sediment, chlorine, odor cyst, bacteria | 0.2 | 3.34 gpm (12.6 lpm) | 35,000 gl (132,489 ltr) | 1/2" NPT | 451 H Ø111 | 1.9 kg | At least every 6 months | HF60 |
| BEV190 | Sediment, chlorine, odor cyst, bacteria | 0.2 | 5 gpm (18.9 lpm) | 54,000 gl (204,412 ltr) | 1/2" NPT | 630 H Ø111 | 2.6 kg | At least every 6 months | HF90 |

Notes: 1. It is recommended the filter cartridge should be replaced every 6 months in order for the products to give the best performance; 2. The above filtration systems are to be used only with cold water; 3. Do not use with water that is microbiologically unsafe or unknown quality without adequate disinfection.