

PP BIG EC Series

Designed for Efficient Sediment Reduction at High Flow Rates

Atlas Filtri® PP BIG EC with Full Media Section™ are double open-ended, high efficiency sediment cartridges with a 4.5" OD. Available in lengths of 10" and 20" and with filtration rates at 5 and 25 micron.

PP BIG EC Series are made of grooved melt-blown polypropylene media. The end-caps feature gray gaskets with Anti-microbial Product Protection Technology, preventing bacteria growth, which could result in gasket damage, affect tightening, and shorten the service time. The Full Media Section™ grooved exterior improves sediment retention, filtration surface, and flow rates.

PP BIG EC filter cartridges are designed for residential Point-of-Entry (POE) use, full-flow commercial and industrial applications, filtration and pre-filtration water treatment, water conditioning, softeners, media filters, and reverse osmosis.

Atlas Filtri is driven to providing our customers with the best available products to meet their filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.

Check out more about Atlas Filtri at www.atlasfiltri.com



FEATURES

- 4.5" OD melt-blown polypropylene grooved, with improved surface area.
- Double open-ended models SX with end-caps.
- End-cap gaskets with Anti-Microbial Product Protection.
- 1.10" ID Full Media Section™ design.
- Lengths of 10" and 20".
- 5 and 25 micron filtration rates.
- All polypropylene food-grade construction.

SPECIFICATIONS

Materials

Filter media: Polypropylene.
End-caps: Polypropylene.
Gaskets: SEBS with anti-microbial product protection technology.

Working conditions

Working temperature range:
- Min: 39.2°F (4°C)
- Max: 113°F (45°C)

PRODUCTS SPECIFICATIONS and PERFORMANCE

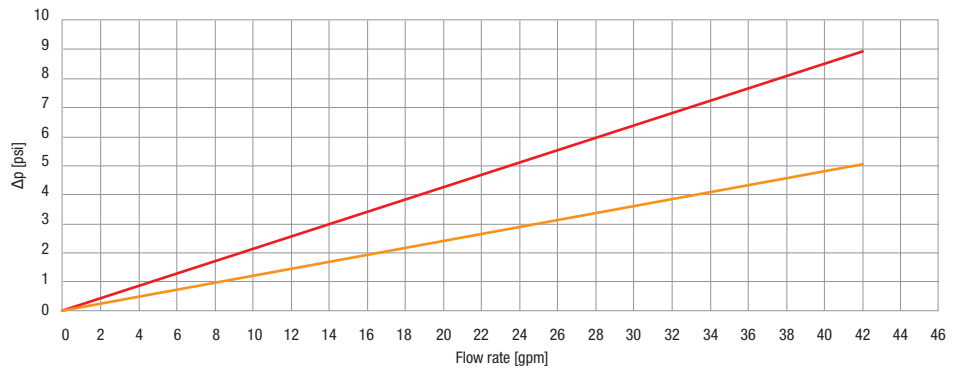
Listed PP BIG EC SX are standard double open-ended models.

PART NO.	MODEL	FILTER H	MICRON	MAX DIMENSIONS HxW	PRESSURE DROP@FLOW RATE
RA5706618	PP BIG EC 10 SX 5 mcr	10"	5	9.9" x 4.7" x 1.1" (250 x 118 x 27 mm)	4.5 psi @ 21 gpm (0.3 bar @ 79 lpm)
RA5706621	PP BIG EC 10 SX 25 mcr	10"	25	9.9" x 4.7" x 1.1" (250 x 118 x 27 mm)	2.6 psi @ 21 gpm (0.2 bar @ 79 lpm)
RA5706918	PP BIG EC 20 SX 5 mcr	20"	5	20.1" x 4.7" x 1.1" (510 x 118 x 27 mm)	9 psi @ 42 gpm (0.6 bar @ 159 lpm)
RA5706921	PP BIG EC 20 SX 25 mcr	20"	25	20.1" x 4.7" x 1.1" (510 x 118 x 27 mm)	5.1 psi @ 42 gpm (0.4 bar @ 159 lpm)

FLOW RATE vs PRESSURE DROP Δp

- Tests carried on 10" elements type PP EC 10 BIG.
- Testing mode: 68°F - 43.5 psi (20°C - 3 bar)

5 micron ———
25 micron ———



SUITABLE FILTER HOUSINGS

DP BIG series of housings fit to PP BIG EC filter cartridges (10" and 20")



See more models of DP BIG series of housings on www.atlasfiltri.com

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