ECP1-20

ECP50-BB

ECP20-20BB

ECP5-10

# ECP SERIES PLEATED CELLULOSE POLYESTER CARTRIDGES

• **Replaces CP and HFCP Series cartridges**

• **Special formulation of resin-impregnated cellulose and polyester fibers**

• **Provides higher wet strength than regular cellulose cartridges**

• **Minimal unloading and media migration**

ECP Series cartridges are manufactured from a special formulation of resin-impregnated cellulose and polyester fibers.

This unique blend of materials provides a higher wet strength than regular cellulose cartridges. It also provides high flow rates and dirt-holding capacity, while maintaining extremely low pressure drop.

The media is pleated around a polypropylene core for added strength and the ends are immersed in a thermo-setting vinyl plastisol. Embedding and sealing each end of the pleat block in this fashion fuses the components together forming a unified end cap and gasket.

ECP Series cartridge end caps feature a color-coding system for easy identification of micron ratings: Tan (1-micron), White (5-micron), Blue (20-micron), Yellow (50-micron).
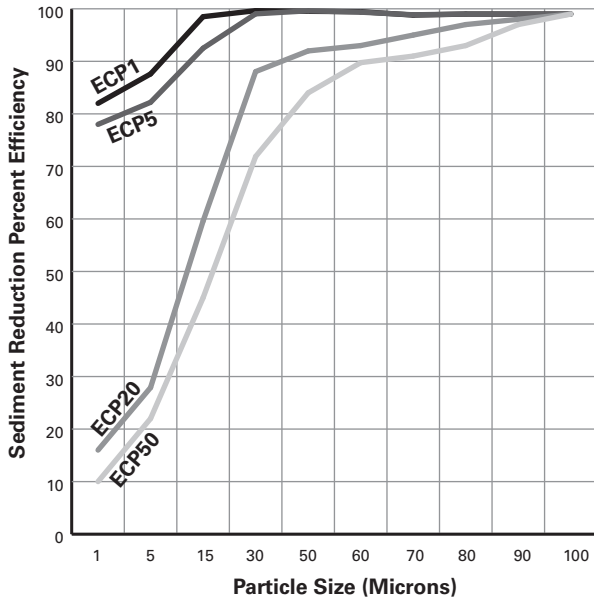
The new ECP cartridges contain more media surface area than most competitive cartridges. The standard 10" ECP cartridges contain six square feet of media, where most cartridges contain only 4.5 square feet. Additional ECP cartridges contain the following amount of media:
• Standard 20"cartridge – 12 $ft^2$
• 10"BB cartridge – 18 $ft^2$
• 20"BB cartridge – 36 $ft^2$

**PENTEK**®
Pentair Water

# ECP SERIES
## Pleated Cellulose Polypropylene Cartridges



| Model | End Cap Color | Maximum Dimensions | Micron Rating (Nominal) | Initial ΔP (psi) @ Flow Rate (gpm) |
|---|---|---|---|---|
| ECP1-10 | Tan | 2⅝" x 9¾" (67mm x 248mm) | 1 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP5-10 | White | 2⅝" x 9¾" (67mm x 248mm) | 5 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP20-10 | Blue | 2⅝" x 9¾" (67mm x 248mm) | 20 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP50-10 | Yellow | 2⅝" x 9¾" (67mm x 248mm) | 50 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP1-20 | Tan | 2⅝" x 20" (67mm x 508mm) | 1 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP5-20 | White | 2⅝" x 20" (67mm x 508mm) | 5 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP20-20 | Blue | 2⅝" x 20" (67mm x 508mm) | 20 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP50-20 | Yellow | 2⅝" x 20" (67mm x 508mm) | 50 | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| ECP1-BB | Tan | 4½" x 9¾" (114mm x 248mm) | 1 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP5-BB | White | 4½" x 9¾" (114mm x 248mm) | 5 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP20-BB | Blue | 4½" x 9¾" (114mm x 248mm) | 20 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP50-BB | Yellow | 4½" x 9¾" (114mm x 248mm) | 50 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP1-20BB | Tan | 4½" x 20" (114mm x 508mm) | 1 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP5-20BB | White | 4½" x 20" (114mm x 508mm) | 5 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP20-20BB | Blue | 4½" x 20" (114mm x 508mm) | 20 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| ECP50-20BB | Yellow | 4½" x 20" (114mm x 508mm) | 50 | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |

## Materials of Construction
- **Media**      Cellulose Polyester
- **Core**      Polypropylene
- **End Caps**      Vinyl Plastisol
- **Temperature Rating**      40ºF to 125ºF (4.4ºC to 51.7ºC)

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



**PENTEK**
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