

PENTEK® WP-BB SERIES

POLYPROPYLENE STRING-WOUND CARTRIDGES

DESIGNED FOR A VARIETY OF APPLICATIONS REQUIRING SEDIMENT REDUCTION



Pentair® Pentek® WP-BB Series Cartridges are manufactured in 10" and 20" lengths and in 4.5" diameters from a durable polypropylene cord that is wound around a rigid polypropylene core. The WP-BB Cartridges are an economical solution to reduce fine sediment including rust, sand and scale particles.

The material in the WP-BB Cartridges is a fibrous polypropylene media wound in a precise pattern around a polypropylene core, providing greater surface area to maintain high flow rates. The WP-BB Cartridges are manufactured using an anti-static agent during the winding process to reduce the electrical charges produced during the winding process.

These string-wound cartridges are capable of withstanding temperatures up to 165°F (73.9°C), and will accommodate flow rates between 10 and 65 GPM with minimal pressure drop.

WP-BB Series Cartridges are suitable for a wide range of sediment applications including municipal and well water, and are bacteria and chemical residence so they can be used with many industrial fluids.

Note: The anti-static agent used in the WP-BB Cartridges may cause some foaming during start up of a new cartridge. If foaming is an application issue, we recommend using the WPX-BB Series.

FEATURES/BENEFITS

String-wound design reduces fine sediment from a variety of fluids	Nominal 0.5, 1, 5, 10, 25 micron rating
Economically priced	Lengths: 10", 20"

SPECIFICATIONS

Filter Media – fibrous polypropylene fiber cord	Temperature Rating – 40-165°F (4.4-73.9°C)
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SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*
WP5BB97P	355212-43	4.5" x 9.88" (114 mm x 251 mm)	0.5 micron	<5 psi @ 10 gpm (<0.3 bar @ 38 Lpm)
WP1BB97P	355213-43	4.5" x 9.88" (114 mm x 251 mm)	1 micron	<4 psi @ 15 gpm (<0.3 bar @ 57 Lpm)
WP5BB97P	355214-43	4.5" x 9.88" (114 mm x 251 mm)	5 micron	<3 psi @ 20 gpm (<0.2 bar @ 76 Lpm)
WP10BB97P	355215-43	4.5" x 9.88" (114 mm x 251 mm)	10 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
WP25BB97P	355216-43	4.5" x 9.88" (114 mm x 251 mm)	25 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
WP1BB20P	355222-43	4.5" x 20" (114 mm x 508 mm)	1 micron	<6 psi @ 30 gpm (<0.4 bar @ 114 Lpm)
WP5BB20P	355223-43	4.5" x 20" (114 mm x 508 mm)	5 micron	<6 psi @ 40 gpm (<0.4 bar @ 151 Lpm)
WP25BB20P	355225-43	4.5" x 20" (114 mm x 508 mm)	25 micron	<5 psi @ 40 pm (<0.3 bar @ 151 Lpm)

*Based on manufacturer's internal testing.

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



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