



# PP BIG-BLUE SERIES

## (GRADIENT DENSITY CARTRIDGES)

HIGH-CAPACITY, DIRT HOLDING DESIGN



PP Big-Blue Cartridges are manufactured from 100% pure polypropylene and are sized for use in Big Blue Filter Housings.

Cartridges are designed for purity and will not impart taste, odor or color to the liquid being filtered. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

The PP Big-Blue advanced design combines selective final filtration with appropriate pre-filtration to achieve up to three times the dirt holding capacity of similar size sediment cartridges and even greater capacity than standard spun or string-wound cartridges. The larger diameter of the filter reduces the particle load, allowing it to operate at higher velocities. The effective filter depth is increased to a full 233%. This increased depth provides very high particulate reduction efficiencies and added loading capacity.

The design and performance characteristics of the PP Big-Blue Cartridges make them an excellent choice for all residential, rural, municipal and commercial applications.

### FEATURES/BENEFITS

Manufactured from pure 100% polypropylene  
Spun fibers form a gradient density from outer to inner surfaces

Designed for purity and chemical compatibility  
Nominal 1, 5,10 micron ratings Lengths: 10", 20"

### SPECIFICATIONS

Filter Media Polypropylene  
Temperature Rating 40-145°F (4.4-62.8°C)

### SPECIFICATIONS AND PERFORMANCE

MODEL#	MAXIMUM DIMENSIONS	RATING (NOMINAL)	INITIAL ΔP (PSI) @FLOW RATE(GPM)*
10"	4.50" x 9.88" (114 mm x 251 mm)	1,5,10,20,25 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
20"	4.50" x 20" (114 mm x 508 mm)	1,5,10,20,25 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

\*Based manufacturer's internal testing

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

UPDATE 2023



THE CENTRAL ISLAMIC COUNCIL OF THAILAND



OPTIMUS INTERTRADE