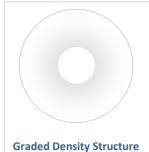# HP1
High Performance Sediment Filter Cartridge

Rainfresh HP1 cartridge is a melt-blown depth filters designed for efficient removal of particulate matter and fine sediment from water. These new generation cartridges provide an efficient, cost effective filtration solution for residential, food & beverage, pharmaceutical, electronics and other applications.

HP1 is constructed from 100% adhesive-free polypropylene micro-fiber media bound by a compact melt-blown process to form a true graded density depth filter. This unique construction results in larger void volume that provides excellent flow characteristics with low pressure-drop and high efficiencies. The graded density structure enables larger particles to be trapped towards the periphery while smaller particles are progressively trapped towards the core. This structure generates a high dirt-holding capacity for the cartridge.

Graded Density Structure
Progressively tighter towards the core for maximum dirt holding

BENEFITS

- **High efficiency**
- **Higher flow rates**
- **Graded density structure for better dirt-holding capacity**
- **100% food-grade polypropylene media**
- *Universal Fit* – Fits most standard 10" housings

SPECIFICATIONS

	Cartridge Type	Length (Inch)	O.D (Inch)	I.D (Inch)	Micron Rating	Max Flow Rate	Max. Operating Temp
HP1	Double Open End with Polyethylene end gaskets	9.75" (247 mm)	2.65" (67 mm)	1.10" (28 mm)	1μ nominal	8 GPM (30 LPM)	100°F (37.8°C)

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

TESTING & CERTIFICATION

Component certified by CSA International to NSF/ANSI 61 and CSA B483.1 for material requirements only. Certification does not extend for use with competitive housings.