Nitrate Reduction Filter Cartridge (Inline)

PRO SERIES, SINGLE BED INLINE CARTRIDGE

Nitrates are naturally occurring compounds that are formed when organic matter decomposes in nature. Nitrates are colorless, odorless and tasteless compounds and cannot be detected unless water samples are laboratory tested. The primary inorganic nitrates that may contaminate drinking water are potassium and ammonium nitrate both widely used in lawn and garden fertilizers. Most nitrogenous materials in natural waters tend to convert to nitrate so all sources of combined nitrogen; particularly organic nitrogen and ammonium should be considered as potential sources of contamination. The EPA defines maximum contaminant level (MCL) allowed in drinking water to be 10 mg/L NO3-N or 45 mg/NO3. Certain populations should monitor nitrate levels to insure they do not suffer any ill health effects. Aries Inline Nitrate Reduction filters use ResinTech® SIR-100-HP resin. Its unique functionality offers twenty-five times greater nitrate affinity than standard strong-based anion resins. This cartridge reduces nitrates efficiently with low leakage, and eliminates the possibility of nitrate dumping upon exhaustion. Available with Quick Connect connectors in 6" and 12" lengths. Aries Inline filters cartridges are designed for low-flow, point-of-use filtration.

FEATURES & BENEFITS

- Highest capacity nitrate removal
- Eliminates nitrate dumping
- ResinTech® SIR-100-HP
- Fits standard residential & industrial size housing
- Oversized cartridge for maximum media fill
- Quality produced & made in the USA
- WQA gold seal certified

APPLICATIONS

- Nitrate Removal

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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ORDERING GUIDE

SKU	Dimensions (D x L)	Capacity
IFB-06-3610-QC	2.0in. x 6.0in [5cm x 15cm]	150 gal (568 L)
IFB-12-3610-QC	2.0in. x 12.0in [5cm x 30cm]	300 gal (1136 L)

* Industry standard sizing includes 2.5" **Slim** and 4.5" **BB** size.

PHYSICAL SPECIFICATIONS

Cartridge Type	Inline
Number of layers	1
Media	SIR-100-HP
Body/Tube	ABS
End Caps	ABS
Pads	PE

PERFORMANCE SPECIFICATIONS

Micron Rating (µ)	25.00
Operating Pressure Range	5-125 PSIG
Operating Temp Range	40-100°F
Maximum Flow Rate	0.2

Safety Data Sheets (SDS) are available at resintech.com

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