

## ARIES NITRATE REDUCTION

NITRATE REDUCTION

PRO SERIES, SINGLE BED, DROP-IN CARTRIDGE

Nitrates are colorless, odorless and tasteless compounds that occur naturally when organic matter decomposes in nature. Potassium and ammonium nitrates occurring in drinking water as a result of their pervasive use in lawn and garden fertilizers. High levels of nitrate can turn skin to a bluish or gray color and cause more serious health effects like weakness, excess heart rate, fatigue, and dizziness.

Aries nitrate reduction cartridges 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.



### HIGHLIGHTS

- Highest Capacity Nitrate Removal
- Resintech® SIR-100-HP
- Fits Standard Residential & Industrial Sized Housings
- Oversized Cartridge for Maximum Media Fill
- Lot Control Traceability
- Made in the USA

### APPLICATIONS

- Drinking Water
- Post RO - POU

### CERTIFICATIONS

- WQA Gold Seal  
- Meets NSF/ANSI Standards 42, 61, & 372

### SPECIFICATIONS

- Nominal Rating of 25µ
- Max Pressure of 125 psi (850 kPa)
- Max Temperature 100°F (38 °C)

Revision 1.1

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DIMENSIONS	MAX FLOW		$\Delta P$ @ MAX FLOW		CAPACITY*	PART NUMBER
	gpm	lpm	psi	kPa		
2.5 x 10 in. (Slim Line)	0.2	0.8	<5	<35	500	<b>AF-10-3610</b>
2.5 x 20 in. (Slim Line)	0.5	1.9	<10	<70	1000	<b>AF-20-3610</b>
4.5 x 10 in. (Big Blue)	0.5	1.9	<5	<35	1250	<b>AF-10-3610-BB</b>
4.5 x 20 in. (Big Blue)	1.0	3.8	<10	<70	2500	<b>AF-20-3610-BB</b>

\*Throughput is dependent upon water chemistry. Results may vary.



### COMPONENTS

- Gasket - TPE
- End Caps - PP/ABS
- Pads - PET
- Body - PP/ABS
- Media - ResinTech® SIR-100-HP



**WE ARE PROUD TO BE  
ISO 9001 : 2015 CERTIFIED**



### COMPONENT

Filter cartridge Certified to NSF/ANSI Standard 42 and NSF/ANSI Standard 61 for material requirement(s) only. Filter cartridge Certified to NSF/ANSI Standard 372 for low lead compliance.

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