

## ARIES ULTRA HIGH PURITY DI (LTOC)

PRO SERIES, MIXED BED, DROP-IN CARTRIDGE

DEIONIZATION  
ULTRAPURE WATER

The process used for removal of all dissolved salts from water is referred to as deionization or demineralization. Deionization requires the flow of water through two ion exchange materials in order to affect the removal of all salt content.

Aries Ultra High Purity LTOC Deionization cartridges contain media virtually devoid of any remaining TOCs. They are engineered to provide a resistivity of between 14-18 MΩ and are ideal for laboratory applications and other processes where any impurity can impact measurement and results.



### HIGHLIGHTS

- Resintech® MBD-10-LTOC
- Ability To Produce Resistivity >14 Megohm
- Fits Standard Residential & Industrial Sized Housings
- Oversized Cartridge for Maximum Media Fill
- Lot Control Traceability
- Made in the USA

### APPLICATIONS

- Light Commercial
- Light Industrial
- Medical

### SPECIFICATIONS

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

Revision 1.0

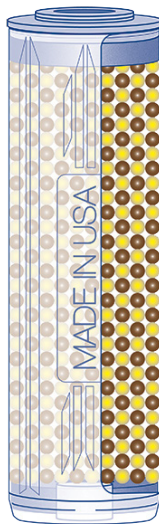
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DIMENSIONS	MAX FLOW		ΔP @ MAX FLOW		PART NUMBER
	gpm	lpm	psi	kPa	
2.5 x 10 in. (Slim Line)	0.4	1.5	<5	<35	<b>AF-10-4011</b>
2.5 x 20 in. (Slim Line)	0.8	3.0	<10	<70	<b>AF-20-4011</b>
4.5 x 10 in. (Big Blue)	0.8	3.0	<5	<35	<b>AF-10-4011-BB</b>
4.5 x 20 in. (Big Blue)	1.2	4.5	<10	<70	<b>AF-20-4011-BB</b>

CAPACITY IN GRAINS as CaCO <sub>3</sub>	CAPACITY BY VOLUME				PART NUMBER
	200 ppm		5 ppm		
500	36 gal	140 L	1450 gal	5500 L	<b>AF-10-4011</b>
1000	72 gal	270 L	2900 gal	11000 L	<b>AF-20-4011</b>
1250	90 gal	340 L	3625 gal	13700 L	<b>AF-10-4011-BB</b>
2500	180 gal	680 L	7250 gal	27450 L	<b>AF-20-4011-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® MBD-10-LTOC



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