

ARIES

HIGH CAPACITY TWIN BED

DEIONIZATION

PRO SERIES, LAYERED BED, DROP-IN CARTRIDGE

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 Twin Bed Deionization cartridges use ResinTech® are made up of strong acid cation (SAC) and weak base anion (WBA) resins in a two-bed, layered cartridge. While not yielding the resistivity of mixed-bed DI cartridges, “High Capacity” twin bed cartridges are an ideal alternative to mixed bed cartridges providing moderate ionic reduction without the corrosive characteristics.



HIGHLIGHTS

- Extended Service Life
- Fits Standard Residential & Industrial Sized Housings
- Oversized Cartridge for Maximum Media Fill
- Lot Control Traceability
- Made in the USA

APPLICATIONS

- Light Commercial
- Light Industrial

SPECIFICATIONS

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

Revision 1.0

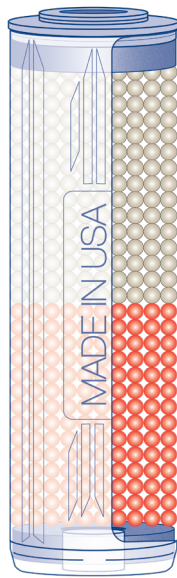
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DIMENSIONS	MAX FLOW		ΔP @ MAX FLOW		PART NUMBER
	gpm	lpm	psi	kPa	
2.5 x 10 in. (Slim Line)	0.2	0.8	<5	<35	AF-10-4223
2.5 x 20 in. (Slim Line)	0.5	1.9	<10	<70	AF-20-4223
4.5 x 10 in. (Big Blue)	0.5	1.9	<5	<35	AF-10-4223-BB
4.5 x 20 in. (Big Blue)	1.0	3.8	<10	<70	AF-20-4223-BB

CAPACITY IN GRAINS as CaCO ₃	CAPACITY BY VOLUME				PART NUMBER
	200 ppm TDS		5 ppm TDS		
500	42 gal	160 L	1700 gal	6450 L	AF-10-4223
1000	84 gal	320 L	3400 gal	12850 L	AF-20-4223
1250	105 gal	400 L	4250 gal	16100 L	AF-10-4223-BB
2500	210 gal	790 L	8500 gal	32200 L	AF-20-4223-BB

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



COMPONENTS

- Gasket - TPE
- End Caps - PP/ABS
- Pads - PET
- Body - PP/ABS
- Media - ResinTech® CG8-H
- ResinTech® WBMP-OH



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