TWIN BED DEIONIZATION

PRO SERIES, LAYERED BED, DROP-IN CARTRIDGE

DEIONIZATION

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 Deionizaton 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, twin beds cartridges are ideal for consistent, low-grade deionization.

HIGHLIGHTS

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

SPECIFICATIONS

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

APPLICATIONS

- Light Commercial
- Light Industrial

Revision 1.0

MADE IN AMERICA

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

CORPORATE HEADQUARTERS 1801 Federal Street Camden, NJ 08105 USA PHONE 856.768.9600 EMAIL info@resintech.com WEB resintech.com

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-10-4202**
2.5 x 20 in. (Slim Line)	0.5	1.9	<10	<70	**AF-20-4202**
4.5 x 10 in. (Big Blue)	0.5	1.9	<5	<35	**AF-10-4202-BB**
4.5 x 20 in. (Big Blue)	1.0	3.8	<10	<70	**AF-20-4202-BB**

CAPACITY IN GRAINS as $CaCO_3$	CAPACITY BY VOLUME				PART NUMBER
	200 ppm TDS		5 ppm TDS		
400	36 gal	140 L	1360 gal	5150 L	**AF-10-4202**
800	72 gal	270 L	2720 gal	10300 L	**AF-20-4202**
1000	90 gal	340 L	3400 gal	12850 L	**AF-10-4202-BB**
2000	180 gal	680 L	6800 gal	25750 L	**AF-20-4202-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 (50%)
  - ResinTech® SBG2-OH (50%)

PERRY JOHNSON REGISTRARS, INC.

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