

Ion Exchange Filter Elements

Deionization Cartridges

Pure Aqua's deionization cartridges provide solutions for a variety of applications that require the removal of ionic contaminants. Cartridges with mixed bed resins provide better than 16 megohm-cm quality water for ultra pure needs. DI cartridges are offered in standard, color changing, low odor, or low TOC mixed bed resins. Pure Aqua's deionization cartridges apply the technology and knowledge of ion exchange in each cartridge.



Applications

- Reverse osmosis post-filtration
- Commercial
- Industrial
- Car wash
- Pharmaceutical
- Semi-conductor
- Medical

2.5" Diameter

Part Number	Diameter	Length	Capacity (grains)	Estimated Gallons		Typical Effluent (resistivity)
				200 ppm (feed)	5 ppm (feed)	
DI-10	2-1/2"	9-7/8"	450	33	1,320	14-18 MΩ-cm
DI-20	2-1/2"	20"	900	66	2,640	14-18 MΩ-cm

4.5" Diameter

Part Number	Diameter	Length	Capacity (grains)	Estimated Gallons		Typical Effluent (resistivity)
				200 ppm (feed)	5 ppm (feed)	
DI-10-B	4-1/2"	9-7/8"	1,050	75	3,000	14-18 MΩ-cm
DI-20-B	4-1/2"	20"	2,350	170	6,800	14-18 MΩ-cm



Features & Benefits

- Easy installation
- High quality resin media
- High capacity
- Fits standard and slim housings
- Ultrasonic welding
- Durable construction
- FDA approved

Specifications

Material (body)	Polyester	
Material (cap)	ABS	
Material (pad)	Polyester	
Material (gasket)	EPDM	
Maximum temperature	38°C / 100°F (2.5" diameter)	32°C / 90°F (4.5" diameter)
Maximum flow rate	0.3 gpm / 0.6 gpm (2.5"x10" / 2.5"x20")	0.8 gpm / 1.5 gpm (4.5"x10" / 4.5"x20")
Maximum pressure	125 psi	
Cartridge packaging	Shrink wrapped	