

# Jumbo 34 Deionization Units



**Jumbo SDI** service exchange deionization units from Aquapure Technologies are ideal for high quality immediate water demands. These skid mounted ion exchange units are designed to treat flows ranging from 20 to 120 gpm per unit. Jumbo SDI units have quick disconnects and can be installed and placed in service quickly using flexible hoses.

## Simplicity of Operation

Regenerated off-site, these portable units do not use any hazardous chemicals and do not generate any wastewater.

- No Moving Parts – Preventive and/or reactive maintenance is minimized.
- No Replacements – No media, membranes, resin, cartridge filters, stacks or controllers to replace.
- No Chemicals – No bisulfite, no dispersants, no cleaners or regenerants such as salt are needed.
- No Maintenance – All required troubleshooting is provided by Aquapure at no additional charge.
- No Callouts – All system required callouts are handled by Aquapure.
- NO ENVIRONMENTAL – This is a Zero Discharge Solution. There are no waste streams such as: MMF Backwash, RO Concentrate, Softener Regenerated Backwash, EDI Concentrate. All dissolved solids are handled by Aquapure.

## **Versatility**

With their rugged design, small footprint and ability to treat high flow rates, these tanks are ideal for many applications. The durable steel construction enable Jumbo SDI 34 Units to treat water up 100°F, and are ideally suited to:

- Reverse Osmosis Polishing Systems
- Condensate Polishing Applications
- Emergency Polishing Needs
- Temporary Water Treatment

Jumbo Sdi Units can be configured in parallel or series to provide for a variety of flow rates. They are serviced and exchanged by Aquapure Technicians, or shipped to your location via common or preferred carrier. Quick connect fittings make exchanges quick and easy. Our regeneration facilities and experienced service personnel ensure that you receive an uninterrupted, consistent supply of treated water that meets your quality and quantity requirements.

## **Quality Control**

Aquapure Technologies prides itself on delivering a high quality product. Each Jumbo 34 is individually tested before being shipped.

- Tanks are cleaned and inspected before being filled.
- High quality resins are used in each Jumbo 34.
- Tanks are pressure checked at 90 psi to guard against leaks.
- Tanks are quality checked to 14 Meg-Ohms.
- Control procedures are recorded.
- Tanks are delivered with a signed quality control checklist.

## Jumbo 34

Vessel Size	36" dia. X 55" Side Shell
Media Volume (cubic feet)	34
Service Flow Rate (gpm) Min./Max.	20/120
Pressure Drop (psig) @ 77 Degrees F	APROX. 15 @ 100 GPM
Resin	SAC/SBA/MB
Exchange Capacity (Kgr)	750/420/306
Dimensions (WxDxH)	36" x 48" x 86"

Operating Pressure (psi) Min. Max.	20/100
Operating Temperature (F) -Max.	100
Service Connections	2" SS Camlocks
Vessel Specifications Type Internal Lining	Carbon Steel Epoxy 233H
Piping /Internals	Sch. 80 PVC
Weight (lbs) Shipping/Operating	2200/2500

- Media - Strong Acid Cation (SAC); Strong Base Anion (SBA); Mixed Bed (MB); Activated Carbon (ACR)

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Information in this literature contains general descriptions. Actual operation may change as specific operations may vary with each customer.

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