

# Service Deionization FRP-36 Vessels

## An Economical Solution to Meet Your High Purity Water Needs

Service Deionization (SDI) from Siemens Water Technologies is a safe and economical way to obtain consistent, high purity water from your tap water supply. And, with SDI, no major capital expenditure is needed.

## Ease of Use – Dependable and Reliable

Portable tanks consisting of activated carbon and ion exchange resin connect directly to your tap water supply. When the resin vessels exhaust, our local, factory-trained and certified technicians replace them with freshly regenerated vessels, so you always have a constant supply of high purity water without the need to house chemicals in your facility.

## FRP-36 Vessel

The FRP-36 vessel is ideal for polishing applications where high volume, high quality purified water is necessary, such as the biopharmaceutical, power generation, university and hospital, beverage, and electronic markets, as well as for larger industrial applications. It is also a solution for dechlorination pretreatment to reverse osmosis equipment.

## FRP-36 Service Deionization Vessel

- Competitive cost – same great performance
- Same reliable technicians delivering tanks
- No major capital investment
- Easily moved in and out of your facility
- No moving parts or maintenance required
- Other sizes available



[Data Sheet](#)

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### Operating Specifications

Min Service Flow	20 gpm
Max Service Flow	100 gpm
Min Pressure Drop	2 psig
Max Pressure Drop	12 psig
Max Operating Pressure	80 psig
Min Operating Temperature	35° F/2° C
Max Operating Temperature	95° F/35° C
Regenerated Resin Capacity	36 (FT <sup>3</sup> )
Floor Area	42" L x 42" W
Height	99" H
Shipping Weight	2400 lbs
Operating Weight	3500 lbs

### Materials of Construction

Vessel	FRP
FRP Lining Materials	Virgin polyethylene

### Connection Sizes

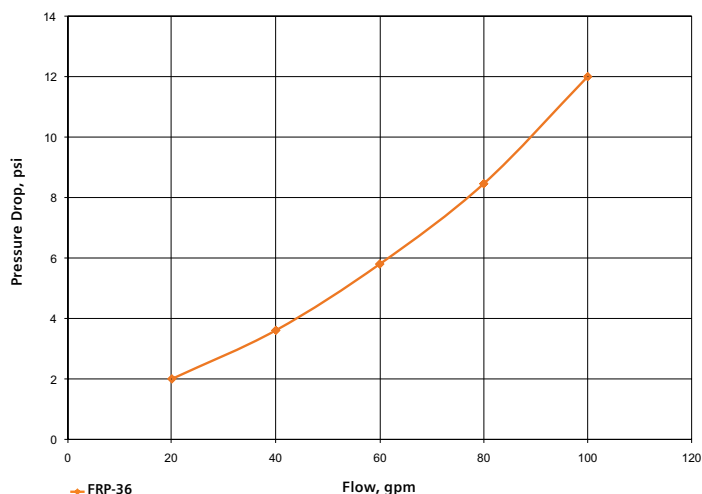
Influent	3" Male Camlock
Effluent	3" Male Camlock
Resin Fill	1" Shurlock
Resin Slurry	1" Shurlock

### Total Commitment to Quality

There are no shortcuts in our quality control. Proper regeneration is critical for optimal performance, exchange capacity, total volume output and low operating costs. All regeneration chemicals and materials must meet Siemens quality specifications.

- Each component has specific operating criteria with process monitored
- Materials double checked for quality with results recorded in the batch record
- Each service unit chemically sanitized before refilling
- Comprehensive document control prevents process changes without notification and approval
- The processed resin batch number is recorded for each tank so traceability is ensured

### FRP-36 Flow vs. Pressure Drop



### Full Service

Peak performance requires the highest quality servicing and access to accessories and spare parts when needed. We maintain the industry's largest inventory of spare parts and can maintain your system with a comprehensive service contract that includes our water service expertise keeping you up and running – consistently and efficiently. In addition to delivering vessels, our technicians can also install and maintain your equipment. We can offer a high quality, economical product, backed by the largest local service network in the water industry.

We guarantee fast reliable service whenever you need it and with our 24/7 toll-free customer hotline and a full team of technical specialists, help is always just a phone call away.

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