

TurboFlo* DI Vessels



Figure 1: TurboFlo DI Vessel

Reduce operating costs by standardizing on one Service DI vessel. TurboFlo* DI Vessels (Figure 1) become the clear choice when one considers the added costs associated with handling multiple Service DI vessels.

Each vessel is manufactured from high quality carbon steel and is lined with white food grade rubber and electroplated 316L stainless steel internals (not

PVC). This superior quality eliminates corrosion and reduces TOC and ionic leakage, delivering many years of ultra-reliable, high-purity service.

The GE TurboFlo DI Vessel can be easily incorporated into virtually any system for temporary or emergency service (see Figure 2). As an example of each vessel's versatility, TurboFlos are often called upon to provide customers with additional silica reduction during seasonal fluctuations or changes in municipal water quality to prevent fouling of their RO membranes. This is just one of many tools that GE utilizes to save customers money and reduce their capital expenditures.



Figure 2: TurboFlo Delivery Vehicle

The GE TurboFlo DI Vessel provides a seamless integration of products to meet a variety of filtration and deionization needs.

TurboFlo DI Vessels can be rented, purchased or leased directly from GE. Contact GE for further information on how the TurboFlo DI Vessel can be utilized.

GE provides clear solutions for demanding industrial applications that require consistent water quality and performance.



Find a contact near you by visiting www.gewater.com and clicking on "Contact Us".

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Benefits

- Reduce regenerate delivery and storage
- Eliminate on-site regenerations
- Ideal for zero-discharge
- Improve safety records reducing chemicals
- Engineered for UPW
- Provides high quality and low TOC throws
- Consolidation of vessels
- Quick exchanges

Typical Applications

- Mixed Bed Polisher
- Separate Anion/Cation beds
- Activated Carbon
- Softeners
- Emergency Service

Contact Us

For more information on TurboFlo DI Vessels contact us at 1-800-446-8004, visit our website or contact your GE representative.

Note: Product line manufactured by GE Mobile Water, Inc, 5900 Silver Creek Valley Rd, San Jose, CA 95138.

Table 1: Specifications

Design Data	
Minimum Flow	25 gpm (5.7 m ³ /h)
Peak Flow	250 gpm (57 m ³ /h)
Minimum Pressure Drop	1.2 psi (8.3 kPa)
Peak Pressure Drop	25 psi (172 kPa)
Operating Temperature	34-120 °F (1-49 °C)
Minimum Inlet pressure	15-90 psi (103-620 kPa)
Volume	42 ft ³ (1.2 m ³)
Materials of Construction	
Tank Exterior	150 psi (1034 kPa) ASME coded carbon steel
Tank Interior	3/16" thick rubber lined
Media	Mixed bed ion exchange resin, separate cation or anion resin, and activated carbon
Installation and Utility Requirements	
Vessel Dimensions	54" L x 42" W x 91.5" H
Inlet/ Outlet	3" (8 cm) camlock disconnect
Shipping Weight Estimate	4200 lb (1905 kg)
Operating Weight Estimate	5000 lb (2268 kg)
Features Included	
Forklift ports	
Sight glass at media height for inspection	
FDA approved rubber lining and electropolished	
316 stainless steel headers and laterals	