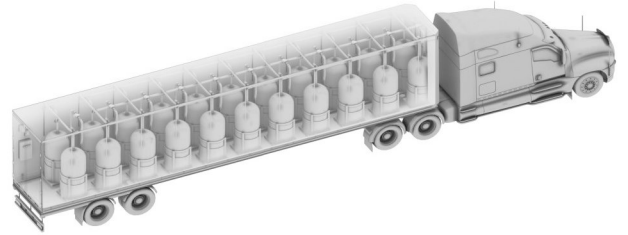




EXPANSA

Mobile Water Services

HP-6004 Mobile DI Trailer



Expansa provides reliable and operator friendly trailer-mounted Deionization (DI) Systems for a wide range of industrial applications. Each self-contained trailer includes up to 22 FRP Vessels containing up to 650 cuft of mixed bed resin. All systems contain all necessary instrumentation and equipment for automatic operations including remote monitoring capabilities.



Operator Friendly System

Each DI Trailer contains two trains for multiple operational configurations and includes auto-shutdown controls for out of spec product.



Efficient Design

Each DI Trailer uses lightweight FRP vessels with aluminum bases to maximize resin loading capability.



Advanced Controls

Our asset monitoring solution includes access to Expansa-analytics. This cloud-based remote monitoring and data acquisition system is designed to enhance the customer experience.



Zero Downtime

Mobile Water Systems can be used for unplanned or planned maintenance, long term water requirements, or other activities that change the plant water balance.

Ancillary Equipment

Expansa also offers a full range of support equipment and accessories as part of our turnkey solutions. This includes pre-treatment, booster pumps, hoses, tanks, cleaning systems, consumables, and operations and maintenance services.

Technical Specifications

Dimensions	53' L x 13' 6" H x 8.5'	Service Connections Inlet/Outlet/Drain	All connections are SS150# Flange. 4" / 4" / 4" / 2"(flush)
Weight	Shipping Weight: 43,000lbs Operating Weight: 90,000 lbs	Pressure Relief	2.5" Fire Hose
Flow (gpm)	450 @ 40-80 psi	Standard Resin Loading Ratios	60% Strong Base Anion 40% Strong Acid Cation
Inlet Pressure (psi) Max/Min	100 / 30	Outlet Conductivity (uS/cm)	< 0.1
Inlet Turbidity (NTU)	< 2	Outlet Silica (ppb)	< 10
Electrical Requirements	120V / 1ph / 60 Hz / 15 amp	PLC Remote Com	AB Compactlogix eWON Flexy 205
Control Panel	NEMA 4X	Instrumentation	cond/resistivity and flow (signet) pressure, temp (IFM) Optional Silica (Waltron)

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Disclaimer

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