



REFINEMENT LOOP MIXED BED RESIN SYSTEM

For water polishing used in hydrogen production

Parker's Refinement Loop Mixed Bed Resin System recycles solutions post the electrolyzer stack by effectively filtering contaminants introduced during the hydrogen production process. The system uses resin specifically designed to endure the thermal and chemical challenges presented in an electrolyzer while minimizing the build up of contaminants resulting in an extended service life. The system achieves a consistent water purity $>10 \text{ M}\Omega\text{-cm}$ ensuring optimal performance of the electrolyzer for many years.



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Features & Benefits

- Easily replaceable resin cartridges
- Minimal downtime $<15 \text{ min}$
- High efficiency, semi conductor grade resin for extended service life
- Real time resin life monitoring
- Variable flow control
- Electropolished 316SS for all wetted parts
- Maximized temperature operation up to 70°C

Applications

- Post electrolyzer water polishing

To maintain peak performance, always use genuine Parker replacement parts. We reserve the right to change our specifications or standards without notice.

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WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

