

Water Separator

Filtration Products for Fuel Cell EVs



Hydrogen innovation products by Parker Filtration, Enabling Engineering Breakthroughs that Lead to a Better Tomorrow.

Fuel Cell's are considered a clean energy solution because the only by-product is heat and water.

The water generated on the cathode exhaust needs to be separated from the air to protect the compressor.

The water generated on the anode side needs to be separated from the hydrogen return loop so that it's not recirculated into the Fuel Cell where it can flood the gas diffusion layer and negatively impact the performance of the stack.

Parker Water Separator will remove the water generated by the Fuel Cell thus protecting the compressor on the cathode side and the Fuel Cell on the anode side.



- High Efficiency Water Separation
- Low Pressure Drop
- Automatic Drain System

Specification:

- Flow Rate: 2.000 – 10.000 sLPM
- Fluid Temperature: -40°C ~ 95°C
- Efficiency: <95%

Contact information:

Filtration Group - Racor Division R & D Office Stuttgart

Robert Jozsa – Product Manager Alternative Technologies
Email: robert.jozsa@parker.com



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