

Expand your ROI with the FINALFILTER™

H₂ Fuel Cells rely on ultra-high purity hydrogen for a high ROI, and efficient operation. Catalysts used in fuel cells are expensive and easily damaged by volatile sulfur compounds such as hydrogen sulfide (H₂S). Sadly, the current paradigm uses electrolysis to produce hydrogen with by-products that can contaminate the integrity of the H₂ Fuel Cell reducing their lifetime to about 5 years of typical 24/7 forklift use.

H₂ Final Filter, Inc. manufactures the SULFUR MAGNET™ and recommends using a FINALFILTER™ placed in-line and as close as possible to the fuel intake to remove impurities in the fuel gas, the fuel line, and the fuel tank for the same reason petroleum powered vehicles have fuel filters located just before the motor.

The SULFUR MAGNET™ is the most tenacious sorbent of contaminants for cleaning hydrogen and other fluids. An independent third party found it reduced H₂S from 1.902ppm to under 200ppt, the limit of detection. This is much cleaner than the current World standard of 4ppb volatile sulfur content and would dramatically raise the ROI of H₂ Fuel Cell ownership.

Hydrogen is the solution to stop global climate change via CO₂ avoidance. And Standard H₂, Inc. has the inexpensive solution to make the highest purity hydrogen from water & methane without CO₂ production.