



BlueMoon Filtration Presents the new FST-93

A filter designed to remove relevant Sulphur/ Mercaptan components from

PROPANE (LPG)/ NATURAL GAS

BlueMoon, after extensive fuel cell filtration testing activities, has created a patented design that incorporates filter media in a stainless steel multi-stage filter design to remove unwanted sulphur compounds from Propane and Natural Gas. The sulphur filtration system is critical to Solid Oxide Fuel Cell lifetimes but can be a big investment of time, expertise and gas analyzer equipment for any one fuel cell company to do themselves.

Remember the number of hours (useable life) of the filter can be reduced by using dirty fuel, so buy from a reputable supplier that provides a quality product. The BlueMoon filter will not only capture the unwanted sulphur, but also other contaminants, such as heavy oils or ends, moisture, mill scale, ultrafine particulate (brown or black dust), etc. No other filter has a 2500 hour lifetime and can ensure that fuel cells get critically clean fuel supply. We can even provide filter setups for 5000+ hours or for larger gas flow rates. These long lifetimes provide reduced site visits, longer unattended runtimes & fuel cell lifetimes and lower Total Cost of Ownership (TCO).

FST-93 (2500 hour Lifetime - Sulphur Filter – down to 5 PPM (5000 PPB))

	<p>Specifications: Length - 12", Width- 3", Inlet & Outlet 1/4" NPT female Material - Stainless Steel, End caps – welded in place Delivered in a sealed 4 mil plastic bag (open at time of use) for long shelf life</p> <p><i>Coming soon:</i> sensor showing level of sulphur contamination and indicator to change filter.</p> <p>Call for your initial Trial Filter asap.</p>
--	--

Volume Discounts are Available
Patents Pending

Sulphur Removal (Testing Results):

	<u>Before Filter</u>	<u>After Filter</u>
Methylmercaptan	87	0
Ethylmercaptan	4746	0
Dimethylsulfid	13	81
Diethylsulfid	371	0
Tetrahydrothiophen	44	0
Methylethylsulfid	45	6

Contact: Sirius Integrator, John@siriusintegrator.com, a manufacturing representative for Bluemoon for this offering at 855-747-4874 for your trial filter unit and more information about the FST-93 Bluemoon Sulphur SOFC enabling Filtration Systems.