



SPGUK

STANDBY POWER | GENERATION UK LTD



With today's business environment, back-up systems are more important than ever and they must be ready to respond. So the fuel in the back up system must be pristine.

Since 2009, when the Western world moved to Ultra Low Sulfur fuels we have repeated fuel failures have become common. The shelf life of fuels has been shortened and new chemical processes that damage the fuel are seen with a much higher frequency.

Today's fuels absorb water and allows algae growth, chemical processes causing fuel degradation which will damage the engine.

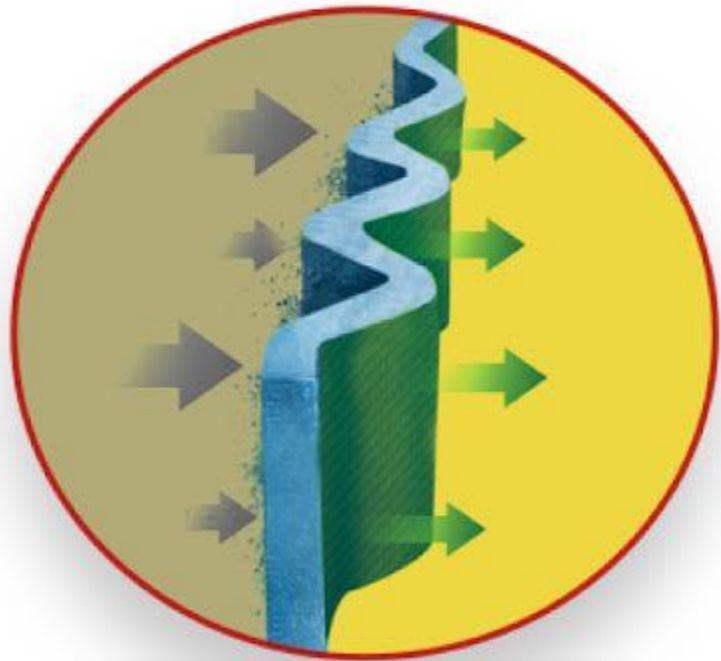
KBH POWER's fuel maintenance systems allow you to keep your fuel's quality in a excellent condition for years with minimal maintenance costs.

Our technology also gives you total control on what is going in your fuel tank so that you will never find your emergency system unable to support your needs



After 12 years treating fuel worldwide around the world, KBH Power is now launching a new automatic advanced fuel maintenance system that will keep your fuel and your fuel tank clean and your back-up system in great operating condition.

Our newly designed technology gives you a complete solution for your back-up system



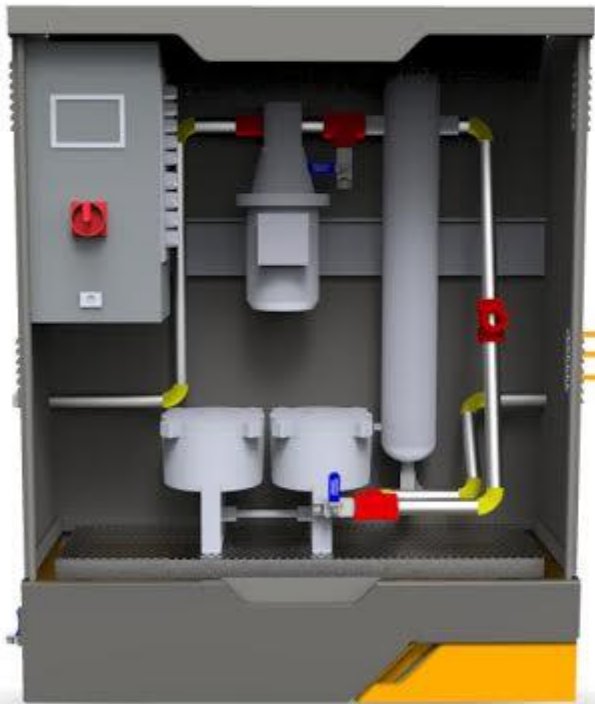
Our system uses two type of filters:

Initial filter:

This is a unique water separator that removes large sediment particles and frees water down to 500 ppm, with no disposables, just an automatic drain valve to get rid of accumulated water.

Secondary filter :

A depth filter that removes any solid or semi-solid particles down to 1 micron. This filter also removes water down to 50 ppm and gives the fuel a final polish. This filter has a huge surface area as well as great Dirt Holding Capacity (**DHC**).



Control

The system is managed by a **PLC** that controls the system timing, sensors and all system alarms. This PLC also allows communication to your main facility control system or to a **GPRS** wireless communication service.



Sensors

Active sensors – Pressure, capacity and flooding sensors will shut the system automatically in order to avoid damage.



Passive sensors – Water & particle sensors allow system operation but send alert output





System installation and maintenance is very simple and can be done by the client or by a local technician.

KBH POWER has created few short videos that show how to install, operate and maintain our system. We did our best to make it easy and simple.

A full Operating manual is also included with every system and placed in the cabinet's door with simple instructions for any need.





- ✓ Keep your fuel clean and good as a new fuel for many years.
- ✓ Gives you full control on your fuel's condition.
- ✓ Ensures your emergency system will support your needs when an electric power outage occurs.
- ✓ Eliminates tank cleaning and tank maintenance costs.
- ✓ Avoids fuel loses.
- ✓ Easy to install and maintain.
- ✓ Low maintenance costs .
- ✓ Real-time warning system.
- ✓ Heavy-duty design with full warranties.



Contact Us

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