

**BENEFITS :**

- ✓ 20%~75% increased mileage
- ✓ Increase fuel efficiency
- ✓ Save Fuel : 20%~75% reduction in fuel usage
- ✓ Generator investment: KE10 \$ – KE20 \$ - Fully Installed and guaranteed
- ✓ Reduce cost : average 1000 miles per month at 25mpg @ Local price per litre = Fuel cost per month x 50% average savings = Saving Amount
- ✓ Average fuel saving rates from customer feedback = 50%

**Aquareactor Features**

- Quality Design & Construction
- Easy and quick to install
- No Hole Plate design for No Current Leakage and best efficiency
- Titanium Plates not Stainless Steel
- Heat and corrosion resistant
- No component maintenance
- No consumable spare parts
- Optimised Current amperage
- Low water consumption
- 5 year or 100,000 miles warranty
- Auto circulating design increases efficiency by promoting gas production and system cooling
- MMO -TiO2 Anode plates maintain Clean water, create No rust or sludge and produce Pure Oxyhydrogen gas

**Model Types (Petrol OR Diesel)**

- KE10 - 1.0 to 2.5 litre engines
- KE20 – 2.5 to 4.0 litre engines
- KE30 - 4.0 to 7.0 litre engines

Phone : 82 2 822 0293  
 Email : [info@aquareactor.com](mailto:info@aquareactor.com)  
 Website : <http://www.aquareactor.com>

KE-20  
Aquareactor  
9 Plates –  
2500 to 4000 cc



WSB-2  
Water Reservoir  
1.2 litre



KE-10  
Aquareactor  
5 Plates -  
1000 to 2500 cc



**Reduce FUEL Consumption  
by 20% – 75%!**

You can now benefit from the latest technology breakthrough and reduce your fuel consumption by an average of 50% !

The KE series of HHO hydrogen/oxygen gas generators are easy to install, require no maintenance and will return your investment in a few months.

Contact us NOW for a quotation based on your actual car and mileage – Phone, email or complete your details in the box below and see exactly how much YOU can save.

**KE Series**

**Aquareactor Plates - MMO coated titanium substrate in Anode**

- Suitable for Petrol or Diesel engines from 1.0 to 7.0 litres –
- 5, 9 or 21 Electrodes - MMO coated Titanium plates in Anode
- A gas-out and a water-in hose from each gap of the plate
- A Water reservoir with bubbler and A EFIE O2 sensor included
- Size: 85 x 180mm(Generator), 90 x 230 mm(Water Reservoir)



Name \_\_\_\_\_ Contact No. \_\_\_\_\_

Vehicle Make \_\_\_\_\_ Year \_\_\_\_\_

Engine Size (cc) \_\_\_\_\_ Cylinders \_\_\_\_\_

Fuel Type \_\_\_\_\_ Monthly Mileage \_\_\_\_\_

Current MPG achieved \_\_\_\_\_

# How HHO Works



Electricity generated from the vehicle's alternator is used to split the H<sub>2</sub>O molecule into its fundamental hydrogen and oxygen elements. The added hydrogen is then fed into the vehicle's air stream and further improves the combustion efficiency OF THE EXISTING FUEL. It does NOT create another fuel which the engine burns but enables more efficient and effective combustion of the existing fuel.

The resultant gas from electrolysis is referred to as HHO.

HHO assists the combustion process; it does NOT make Fuel from water! The science behind HFI has been well documented. Electrolysis, itself, is well understood and it has been known for over thirty years (since a 1974 study by the Jet Propulsion Lab of the California Institute of Technology for NASA) that the addition of hydrogen to fossil fuels, burned in internal combustion engines, will increase the efficiency of the engine.

This concept has been validated by a number of papers published by the Society of Automotive Engineers (SAE). The concept is valid with any fossil fuel (diesel, gasoline, propane, natural gas) or bio-fuel (biodiesel, ethanol) though it is most effective in diesel engines.

Among other, more subtle effects, the presence of the hydrogen alters the initial stages of the early combustion dynamic, altering the kinetic chemical pathway which the combustion follows.

The net effect is to alter the time at which maximum heat energy is released relative to the power cycle, increasing the adiabatic efficiency of the engine (typically a modern diesel engine runs around 40% efficient - an increase of only 4% in the adiabatic efficiency results in a 10% decrease in fuel consumption!).

Note that the results are not simply caused by the displacement of a small amount of fossil fuel with an equivalent volume of hydrogen. Rather, the increase in efficiency is gained by getting more useful work out of the fossil fuel itself, resulting in less energy wasted in the form of heat, light and sound.

This is very important to note, because, just as perpetual motion cannot exist, you cannot get more out of a reaction than you put in. You cannot create more fuel (HHO) than the fuel that is used to create it. (Electricity ultimately provided from the petrol in your tank through the alternator).

The HHO fuel cell generates a gas which is known as HHO Gas — a mixture of hydrogen and oxygen. The HHO Gas is mixed with the air going to the air filter. As the fuel is ignited during the combustion process, the HHO Gas is used as an accelerant, making the combustion more complete and efficient.

## FAQ - Do I need to make changes to my engine?

No, the petrol or diesel engine is unchanged, except for the addition of HHO gas (hydrogen + oxygen) into the injection system and the ECU. The fuel generator is installed and calibrated automatically to maintain in-cylinder temperatures and pressures that are within those of the designed limits of the original engine.

## What results can I expect?

### Here are just a few of the benefits:

- Improved mileage
- Reduced fuel costs – 20% - 75%
- Significantly lowered emissions
- Oxygen added to the environment
- Increased engine power and performance
- Prevention of carbon build up
- Cleaner engines – no sludge

## What maintenance does it require?

No maintenance is required other than occasional top-up of distilled water.

## If there any effect on Manufacturers' Warranties?

There is no effect on any warranties provided by the vehicle manufacturers.



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