

Commercial / Industrial Fuel Treatment Systems

Data Sheet

- **Reduce fuel consumption**
- **Reduce CO2 emissions**
- **Achieve government emissions standards**
- **No external power source required**
- **Affordable, cost effective**

In the 21st Century, the high cost of gasoline, diesel, marine fuel, natural gas and propane gas make it incumbent on all companies, governments and individuals to reduce energy costs.

Magnetizer fuel treatment systems are a cost effective and responsible solution to this increasingly expensive problem.



Added to the problem of high costs, and in some cases, scarcity of fuels are the rising concerns of environmental pollution and global warming.

Governments around the world are imposing stricter standards of compliance with CO2 emissions. Again, Magnetizer has the answers for these escalating concerns. A low purchase cost, ease of installation and immediate results have put Magnetizer in the lead in this scientific arena.

Benefits

- **Efficient burn of fuel**
- **Reduction of CO2 emissions**
- **No External power required**
- **Environmentally safe and user friendly**
- **Non-invasive installation**

Applications

- Gas fired boilers
- Heating systems
- Gas and diesel vehicle engines
- Diesel locomotives
- Marine engines



Technical Principles

Magnetic fuel treatment is a non-linear phenomena, meaning that very specific magnetic intensities are required to optimally treat alkane (linear chain) fuel and aromatic (benzene ring) fuel. Designs requirements involve not only discrete magnetic intensities for fuel treatment, but also magnetic dwell time and magnetic permeability of the fuel conduit in order to obtain stoichiometric fuel combustion.

From a spectromagnetic analysis of the combustion of natural gas (methane) it has been determined that magnetic fields have the ability to increase the luminal intensity of the 360 nanometer ultraviolet spectra. This increase in spectral activity parallels an increase in combustion efficiency. Combustion efficiency, of course, is directly proportioned to reduction of emissions as well as reduction of fuel required to produce a desired combustion event.

Visit technical papers at magnetizer.com and browse to "Introduction to the Magnetic Treatment of Fuel" for more info.