

# FUEL CONDITIONING SYSTEM

---For Gasoline, Diesel and Natural Gas---

[www.magnatek.in](http://www.magnatek.in)

## THE BENEFITS

### More Complete Combustion

MagnaTek's fuel conditioning system fractures the hydrocarbon chains in fuel, much like an axe breaking up a log, thus allowing for more complete combustion.

### Reduced Fuel Consumption

More complete combustion results in the generation of more energy from the same amount of fuel.

### Improved Operating Efficiency

Attracts and dissolves previous carbon/varnish build up in lines, jets, injectors, valves, chambers/fireboxes for cleaner and more efficient operation.

### Reduction of Harmful Emissions

Because a higher proportion of the fuel is combusted, less is left to pollute the environment in the form of harmful hydrocarbon emissions.

## INSTALLATION & OPERATION

- No mechanical or electrical hookups
- No cutting of pipes
- No downtime or maintenance to operate

## HOW IT WORKS

All hydrocarbon fuels contain molecules that cluster as the fuel stands, ages, expands or contracts. As these clusters grow, two things occur:

1. The trapped molecules are concealed so that they do not burn completely. In other words, air which is required to burn the fuel, is not able to penetrate these clusters of molecules. As a result, complete combustion does not occur. These unburned molecules are either expelled into the atmosphere or retained inside the burner as residue, thereby reducing operating efficiency.
2. When clusters of molecules become large, they tend to slow in speed and gravitate toward the side of the fuel path. Ultimately they stop, attaching themselves and forming unwanted deposits which restrict the flow of fuel and which, subsequently, inhibit overall burner performance.

When **MagnaTek's** simple fuel activation system is attached properly on the natural gas line (no tools are required), the clusters of molecules that have formed are literally broken down. When the flow of the fuel comes in contact with the powerful magnetic energy field, the clusters of molecules are fractured and broken apart so complete burning of the fuel occurs.

