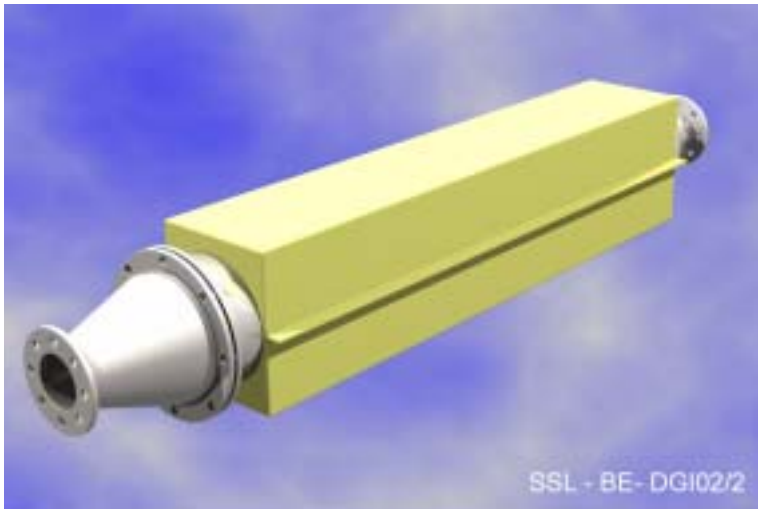


BetterEnergy

Energion™

Magnetic Fuel Treatment Systems

Technical Publication BEL 0010



- Minimum 5% saving on gas or fuel oils.
- Cleaner and more complete combustion.
- Reduced emissions
- Reduced downtime and maintenance.

The Energion™ range of Magnetic Fuel Treatment Units 15mm – 150mm

The Energion™ magnetic fuel treatment unit is designed and engineered to the highest standards and is installed into the fuel supply line before the burner.

Energion™ can be installed into gas or oil fuel lines and will achieve a minimum saving of 5% on fuel consumption and a pro-rata saving in emissions.

The 75mm – 150mm units are fitted with flanges to allow for easy installation. The 15mm – 50mm can be supplied with either flanges or BSP screwed couplings.

The Energion™ units are designed for installation into vertical or horizontal pipes. There are no moving parts and require no electrical supply.

The rugged design of the unit guarantees optimum long term reliability

The Energion™ can be used with high or low pressure fuel supplies and in the case of heavy fuel oils the unit will withstand up to 140°C and a steam pipe can be incorporate within the unit.

Materials

The main fuel flow channel is manufactured in stainless steel, and the outer casing in Steel. Throughout the manufacturing operation emphasis is on quality and this is reflected in the finished products.

Specialist Units / Installations

Each Energion™ unit is custom built. The company handles all the design, installation, monitoring and project management.

Each unit and installation is customized for the client after taking into account a number of factors including:

- fuel type and quality
- fuel temperature
- fuel pressure
- the time between magnetisation and combustion
- Monitoring complexity
- Possible installation of metering equipment and data readers \ loggers
- Complexity of installation (i.e. pipe schematics etc)

To quantify savings, BetterEnergy arrange for an independent company to visit the customer site prior to installation to set up a test protocol and agree this with both BetterEnergy and the customer. Following this the independent assessment company take fuel usage readings and monitor emission levels before and after installation of the system.

Once the Energion™ units have been fitted the independent company carry out a “post test” to independently verify the fuel savings.

Better Energy provide an all inclusive service comprising:-

- Design & specification
- Manufacture
- Installation and Commissioning
- Project Management
- Independent Monitoring
- Technical support & documentation

BetterEnergy offer the Energion™ system with 2 purchasing options both based on our guaranteed minimum saving of 5%.

Rental

The system can be installed on a rental basis with typical initial contract period being 5 years. Payments are based on a share of the 5% saving.

Purchase

The traditional capital expenditure purchase is frequently used where payback can be justified within 1 to 2 years

BetterEnergy will negotiate the contract most suitable for the client.

BetterEnergy Limited

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