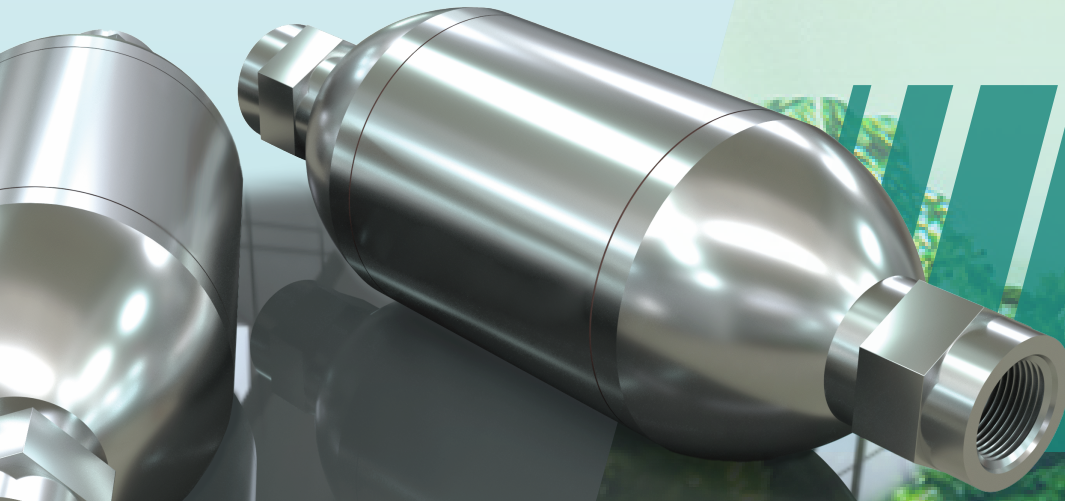




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TARSHEED ENERGY SAVING SOLUTIONS CO. LLC

PRODUCT BRIEF

TARSHEED ENERGY SAVER (T.E.S) DEVICES



ABOUT TAR SHEED

Tarsheed Energy Saving Solutions LLC is the first company of its kind in the United Arab Emirates that is specialized in providing **T.E.S (Tarsheed Energy Saver)** patented devices that reduces fuel consumption and helps eliminate harmful emissions that result from incomplete combustion.



OUR VISION :

To be the leading energy saving solutions company in the middle east.



OUR MISSION :

To provide our customers with the best cost-effective solution, optimized to their operations and consumption.



OUR VALUES :

To create a better tomorrow by reducing fuel consumption and harmful emissions and in turn, protecting the environment.



TES DEVICES (TARSHEED ENERGY SAVERS)

Our Tarsheed Energy Saver **T.E.S** is a unique and patented invention, precisely manufactured using cutting edge technologies. The device works to improve the fuel quality, leading to savings in fuel consumption and reduction of harmful emissions.

T.E.S are made from a white aluminum shell and a core of expensive super alloys consisting of several rare precious metals, such as titanium, platinum, and palladium. The devices work for a range of different fuels (Petrol, Diesel, Gas, Etc.) and different sizes exist for different fuel flows.

HOW IT WORKS

Hydrocarbons have intermolecular forces that hold molecules of the fuel together creating molecule clusters. The bigger the hydrocarbon molecules, the stronger these forces are.

T.E.S device works to break these forces. This happens when the fuel reacts with the core of the device which neutralizes these forces and splits the molecule clusters into single ones. This in turn increases the surface area for reaction with the oxygen in the combustion chamber, and helps achieve a more complete combustion.

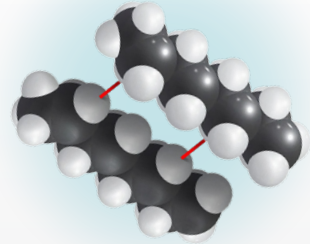


Figure (1) : Intermolecular forces

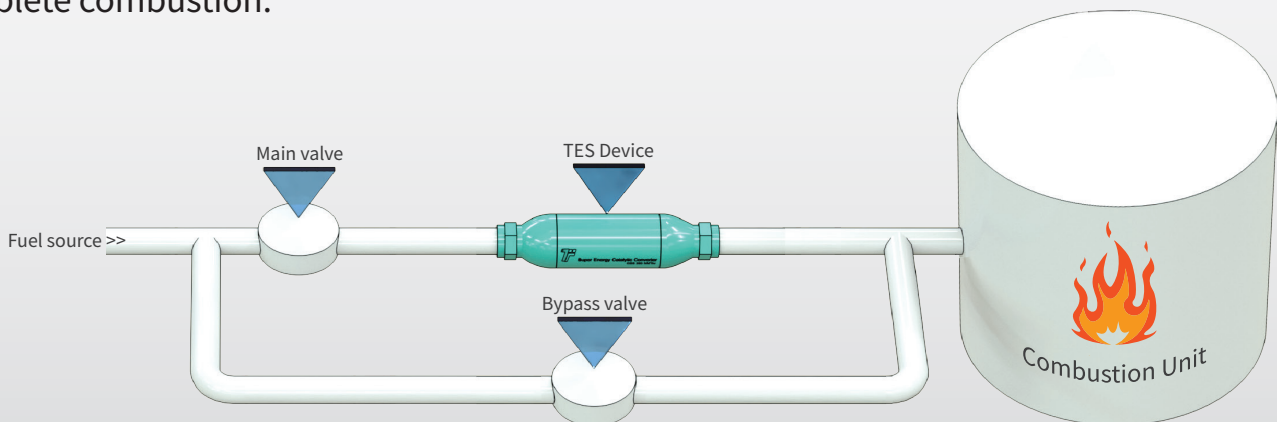


Figure (2): Typical installation arrangement with bypass

BENEFITS OF TES DEVICES

Guaranteed benefits of our high-end quality products:



SAVES MONEY

TES devices are made to Improve the fuel efficiency to achieve complete combustion and save around **15~30%** fuel energy.



REDUCES EMISSIONS

TES devices are engineered to reduces exhaust gas and carbon monoxide emissions by achieving near maximum combustion efficiency. which in turns the exhaust emissions are approaching zero or in very low level.



LOWERS MAINTENANCE & OPERATION COSTS

By reducing exhaust gas and carbon monoxide emissions, carbon will not deposit on the combustion units which leads to reduced maintenance and operation costs and higher efficiency.



PRODUCT RANGE

Our **TES** devices were specially engineered to offer fuel saving and harmful emissions reducing solutions to the main fuel consuming industries/sectors, such as:



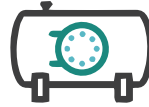
Restaurants



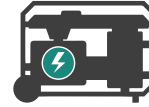
Factories



Gas Furnaces



Steam Boilers



Generators



Vehicles



And More..

A SOLUTION FOR YOUR NEEDS

As different industries / applications require different solutions, we aim to provide our customers with the optimum solution that fits their needs while being cost effective.



PRODUCT CATEGORIES

X Series (High Flow)



Fuel application:

- Diesel
- Heavy oil
- Gasoline
- Natural gas

Models:

- TES-X-200
- TES-X-107

X Series (Normal Flow)



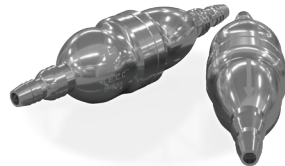
Fuel application:

- Diesel
- Heavy oil
- Gasoline
- Natural gas

Models:

- TES-X-21
- TES-X-15
- TES-X-9.6

NG Series



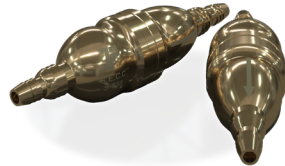
Fuel application:

- Natural gas

Models:

- TES-NG-3.3

G Series



Fuel application:

- Gasoline

Models:

- TES-G-0.66

TECHNICAL DATASHEETS

Click / Scan QR code to download technical datasheets / supporting documents for all **TES** products.



START SAVING

Click / Scan QR code to fill an inquiry form and start saving with us today!

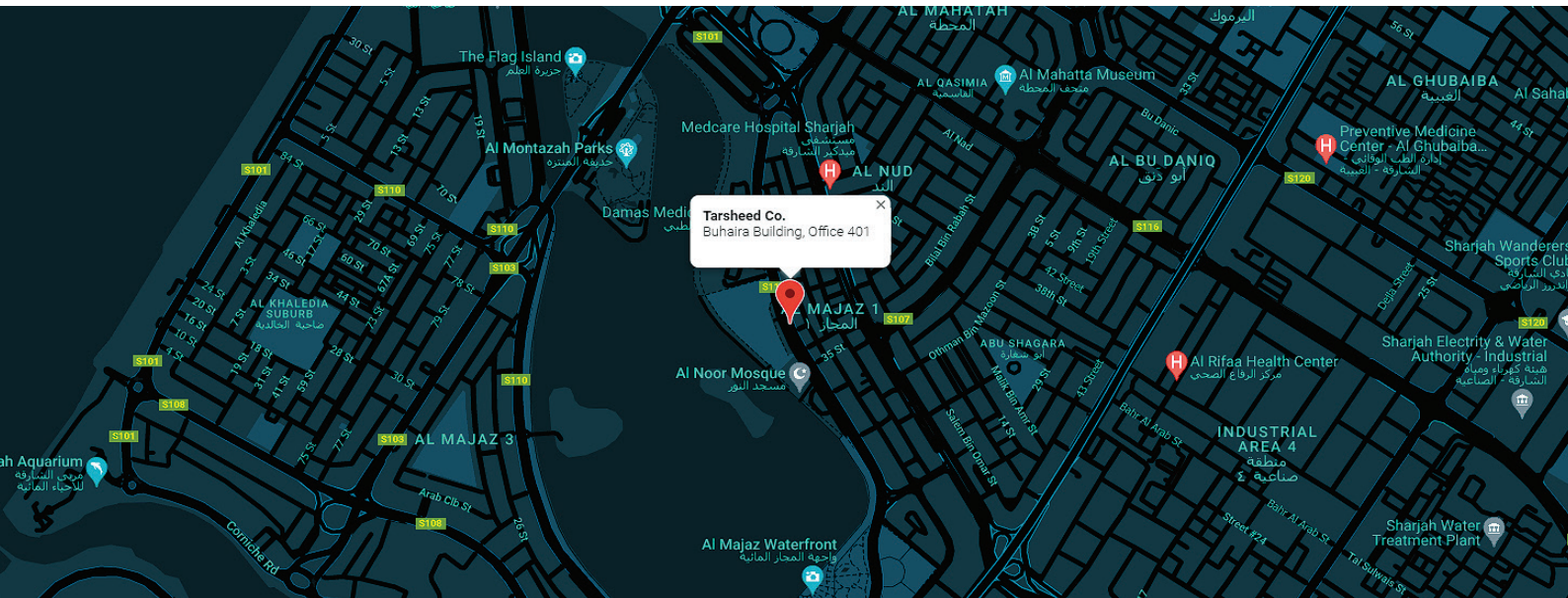
FOR FURTHER INFORMATION/CLARIFICATIONS

Please contact us on any of our contact channels listed below.

It is our pleasure to assist our customers and we will respond to you as soon as possible.



How can we help ?



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