



RAJKOT DIESEL MACHINES



FUEL POLISHING SYSTEMS

Our innovative systems prevent the contamination spreading by removing microscopic particles of bacteria, sediment and water.

The RDM range of Fuel Cleaning Systems offer a fuel cleaning solution with many of the features of the RDM range but is the more cost effective choice. These quality systems will clean your fuel automatically, removing water, bacterial infection, sludge, solid and semi-solid contaminants up to 10 micron. Designed and built by in-house mechanical and electrical engineers, these systems can be programmed to run automatically and will alarm to notify when a service is required.

DATA CENTRE BANKING MARINE CONSTRUCTION MEDICAL POLICE GOVERNMENT AGRICULTURE



Applications



SUITABLE FOR

Tank sizes upto 50,000 litres.
Cleaning 10 - 40 lit/min.



FUEL PROTECTION

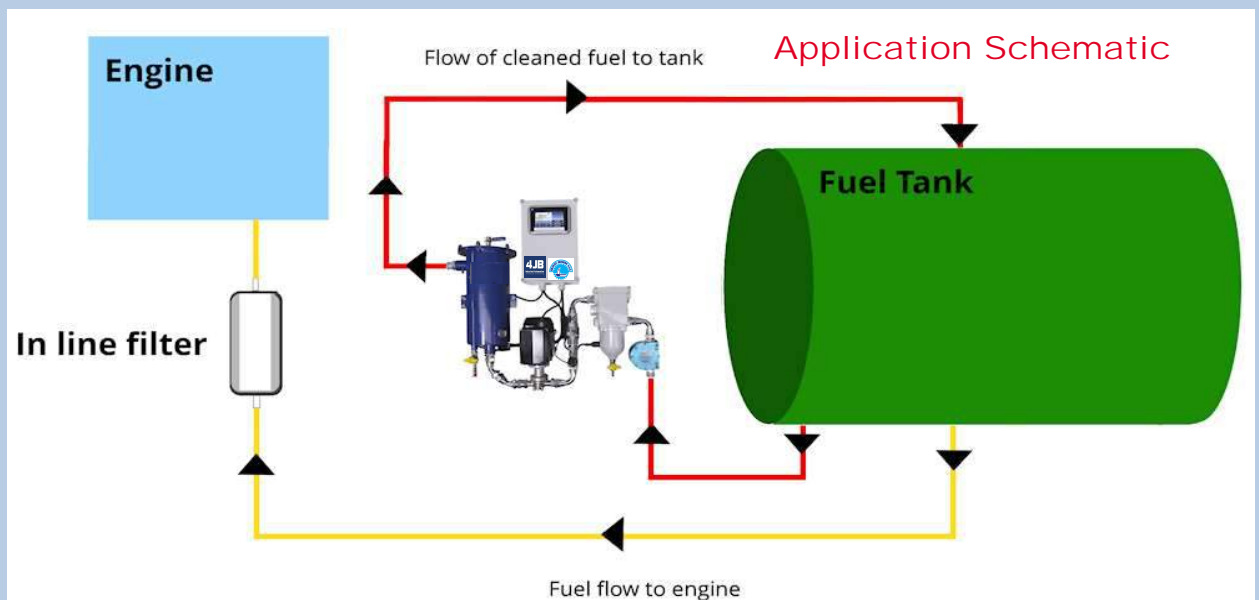
For data centres, marine, generators, hospitals, agriculture, government...



CONTROLLER

Manual and auto set up, BMS Inputs and Output.

RDM-FUEL POLISHING - CUSTOM DESIGN



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Web : www.rajkotdiesel.com - www.rajkotmarine.com - www.4jbautomation.com

Application Schematic

RDM-10

Up to 10 lit/min

0- 12,500

220vAC / 12vDC / 24vDC

Free water, particulate, bacteria to 10 Micron

Dimensions (Wall Mounted)-700 x 600 x 240mm

Port sizes - 3/4" BSP-P



RDM-25

Up to 25 lit/min

10,000 - 30,000

220vAC / 12vDC / 24vDC

Free water, particulate, bacteria to 10 Micron

Dimensions (Wall Mounted)-700 x 600 x 240mm

Port sizes - 1" BSP-P



RDM-40

Up to 40 lit/min

25,000 - 50,000

220vAC / 24vDC

Free water, particulate, bacteria to 10 Micron

Dimensions (Wall Mounted)-700 x 600 x 240mm

Port sizes - 1" BSP-P



PLC CONTROL

Easy to use,
manual and
auto set up,
BMS control

SENSORS

Trigger alerts when
filters need
to serviced

PUMP

FILTER

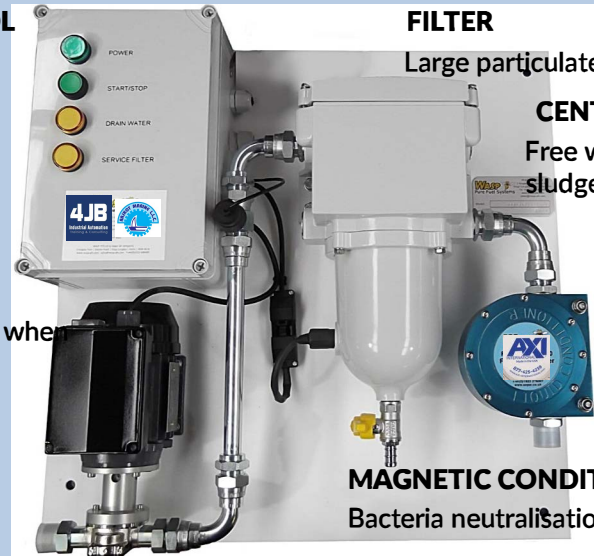
Large particulate removal

CENTRIFUGE

Free water and
sludge removal

MAGNETIC CONDITIONER

Bacteria neutralisation



Wall Mounted / Frame Mounted / Portable Buggy / Enclosure



Wall Mounted Type



Enclosure Type

Programme the system to clean on set days and time.



The cost of poor quality fuel is not just financial

In an Industry that relies heavily on back up generators in case of a power failure, it is essential stored fuel remains clean.

What is Fuel Polishing

Fuel polishing is the technological cleaning process which removes water and particulates from fuel stored for the medium to long term.

This process keeps fuel at optimum condition and helps prevent fuel related engine and generator failures.

How does it work?

There are many different stages to the fuel polishing process which follow one after the other in a specific sequence.

This ensures the water, sludge, sediment and other contaminants are removed from the fuel.

Easy-to-use control

Our easy to use but highly effective systems use the latest in touch screen technology to provide a graphical representation of the system. The full control system, can be programmed to run as per your requirements, while also providing monitoring information.

Innovative Technology

Technologies used are unique to state of the art of innovation technology. We have scientifically tested many mediums and designed our own filter stages to offer the best in fuel polishing.

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