

QL Fuel Decontaminator

(Diesel fuel)



DC 140



DC 500



DC 1000

QL Fuel Decontaminator

Diesel fuels often contain micro organisms, which is basically an organic compound. Micro organisms increase the acid level in the fuel. When temperature and water content is in harmony the microbes can grow uncontrolled giving you problems with a clogged fuel system and restricted fuel flow.

The engine is not receiving the fuel flow needed to operate properly and you might even risk that the engine stops suddenly. In severe cases there is also the possibility of heavy wear on injector nozzles and injection pump.

A simple solution

The QL fuel decontaminator offers a simple, environmentally friendly method of preventing growth of micro organisms in fuel. The return flow, already cleaned by the QL fuel decontaminator, will gradually reduce the micro organisms to a minimum.

Magnetic fields

The QL fuel decontaminator works through a patented magnetic system with 3 permanent magnets. When the fuel passes through the system of magnets the micro organisms are killed and broken down to small particles. These particles then easily pass through the fuel filter and burn in the engine combustion.

The QL fuel decontaminator is installed between the tank and the fuel filter. Once installed, it works continuously with very little attention.

Keeps the fuel tank clean

Correctly installed, before the fuel return feed, it will also clean the content in the fuel tank. In this way the return feed recirculates fuel back to the fuel tank via the fuel decontaminator, and up to 97% of the micro organisms are broken down each time it passes through. The QL fuel decontaminator

offers a permanent solution to the problem of micro organisms in the fuel. QL fuel decontaminators are made of aluminium and come in three sizes for optimum performance depending on your type of engine.

Features:

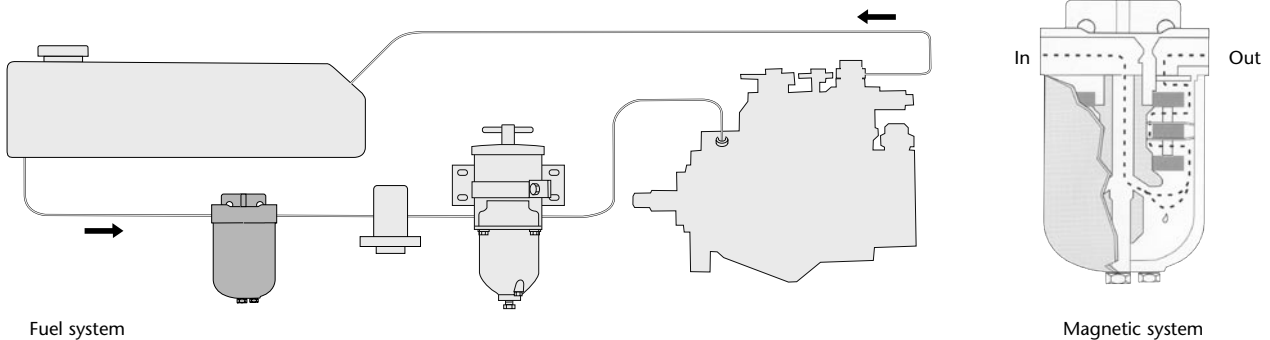
- Permanent solution for contaminated fuel.
- Made of aluminium.
- 3 permanent magnets.
- A minimum of maintenance needed.



Marine Accessories
By Volvo Penta

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Fuel system

Magnetic system

Note! The l/hour figures refer to the fuel flow to the engine. The fuel flow is calculated by the engine fuel consumption plus the return feed from the fuel injection pump.

Facts:

Model	P / N	Capacity		Union
QL Fuel Decontaminator				
DC 140	41103600	140 litre/h	37 gallons/h	1/4" NPT (nipples included) *)
DC 500	41103601	140-500 litre/h	37-132 gallons/h	1/2" NPT (nipples not included) **)
DC 1000	41103602	500-1000 litre/h	132-264 gallons/h	1/2" NPT (nipples not included) **)

*) Incl. 2 nipples 1/4" for 5/16" fuel hose. For connection to 3/8" fuel hose two nipples, part no. 834781 are required.

***) For connection to 5/16" fuel hose two nipples, part no. 479954 and two nipples, part no. 855207 are required.
For connection to 3/8" fuel hose two nipples, part no. 479954 and two nipples, part no. 834781 are required.



Marine Accessories
By Volvo Penta

QL – Quality Line – a series of marine accessories supported by the Volvo Penta dealer network and selected independent dealers worldwide.

www.qlmarine.com