

CLEANING FLUIDS FOR HEATING SYSTEMS



MR 501/R

MR 501/R is used for cleaning and protection of heating circuits. **Sediments containing iron and magnesium hydroxides**, calcareous sediments, rust and sludge are dissolved and can be flushed out. This chemical solution acts as valve and pump lubricant, improves heat exchange and returns heating circuits their initial efficiency. It also acts as inhibitor of corrosion already existing in the circuit. Thanks to its properties, it can guarantee the best heat exchange in a heating circuit and radiators as well.

Technical Data

STATE	liquid
COLOUR	bright yellow
ODOUR	odourless
pH at 10%	9.5
DOSAGE	1l of product for 100l of fluid in system

Packaging

Bottle 1 l

CODE - 433

Application

First drain the system and fill it with plain water. Add 1 l of the product for each 100 l of heating water; either via an expansion vessel, filling valve, radiator or using a pump.

If the water hardness exceeds 14 °dH (hard water), increase the concentration to 2%, and if it exceeds even 20 °dH (very hard water), then to 3%. Increase the concentration in a similar way if the system is heavily fouled by sludge.

Let the solution circulate, preferably in a warm circuit, for 2 to 5 weeks. The time of application depends significantly on the condition of the heating system. For large or heavily fouled systems it may be necessary to repeat the process.

Drain the system in order to remove dissolved remains of sludge, and finally flush it with clean water.

It is recommended to fill the circuit with clean water after cleaning, if needed, add MR 501/F or MR 501/P that will form a protective layer, preventing deposition of calcareous sediments and corrosion.



MR 501/X

MR 501/X is used to remove **scale, calcareous sediments**, dirt and solder flux remnants, which renews the heating efficiency. It offers protection against corrosion, reduces or completely eliminates boiler noise. Ideal for existing heating and cooling systems of any age. The product is compatible with all metals and materials currently used in heating systems.

Technical Data

STATE	liquid
COLOUR	light yellow
ODOUR	weak
pH at 10%	> 7
DOSAGE	1l of product for 100l of fluid in system

Packaging

Bottle 1 l

CODE - 8781

