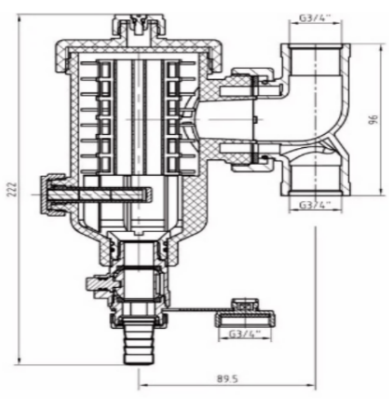




DESCRIPTION AND APPLICATIONS

NWNFG220 & NWNFG250 NEWTON MAGNETIC CLEANER are particularly suitable for wall-mounted boiler heating systems.

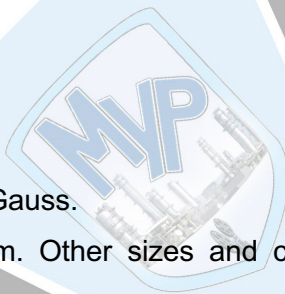
In heating systems, ferruginous impurities can occur in the circulating water with possible damage from the boiler, water pump, valves, radiators, etc. Ferruginous particles can clog the boiler heat exchanger, radiator end valves, etc., resulting in a decrease in the heating efficiency of the heating system.



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1.1 TECHNICAL FEATURES

1. **Magnetic capacitance:** Up to 5,000 Gauss.
2. **Size:** 220mm x 180mm-250 x145mm. Other sizes and customizations are possible on request.
3. **Material:** CW617N (standard alloy for use with potable water), PA66GF30
4. **Connection type:** : 3/4" gas (DN20) - 2" gas (DN50)
5. **Gaskets:** EPDM
6. **Maximum Working Pressure:** 3barg
7. **Maximum Working Temperature:** 90°C

1.2 OPERATING PRINCIPLE

The circulating water from the heating system enters the Newton Magnetic Cleaner through the appropriate attachment. Ferruginous impurities, such as rust particles, present in the water are attracted by the magnetic rod in the purification tank of the defnagator. The large internal valve body of the magnetic dirt separator slows down the flow of water, making it easier for the impurities of the particles to settle due to their gravity. The drain valve under the magnetic dirt separator is supplied with a switch handle and can be opened during normal operation of the heating system

1.3 REMOVAL OF IMPURITIES

1. Remove the magnetic rod on the valve body of the magnetic dirt separator.
2. Remove rust and other impurities by rinsing them directly with the pressure of the heating system.
3. To clean the inside of the magnetic dirt separator, loosen the top valve cover and remove the separation mesh.