

EnwaMatic® applications:

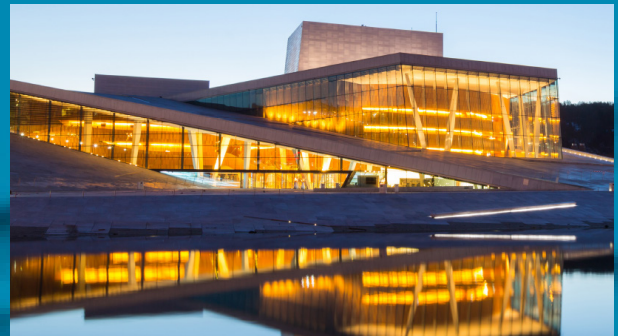
Increased lifespan of the system

We have delivered EnwaMatic® to residential properties experiencing problems with corrosion and blockages within their systems. Through a regulation of pH, alkalinity and hardness the water chemistry is balanced inhibiting corrosion. The result is a more efficient cooling and heating system that uses less energy and lasts longer. In addition this transition has resulted in a move away from conventional chemicals to an environmentally friendly solution.



Water treatment in commercial property

EnwaMatic® has been installed in a number of commercial properties such as schools, shopping malls, office buildings, pharmaceutical, data centres and the banking sector for comfort cooling as well as 'critical systems'.



Enwa Water Technology

Enwa design, manufacture and deliver environmentally friendly water treatment solutions to numerous sectors, on land and offshore. We are operating nationally and internationally. Enwa is one of the largest operators in the field throughout Scandinavia and delivering clean water to a large number of landbased and maritime applications.

ADVANCED WATER TECHNOLOGY



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EnwaMatic® – for building applications

Keep your systems clean without chemicals



- Inhibits corrosion
- Regulates pH
- Controls scaling and bacterial growth
- Efficient filtration that optimises heat and cooling system
- Chemical free
- Filtration to 10µm

ADVANCED WATER TECHNOLOGY



EnwaMatic® technology

– for building applications

Corrosion protection without chemicals

Corrosion and sediments are common problems in closed heating and cooling systems. This makes the system age more rapidly and leads to an increased cost for maintenance (through increased intervals) on parts like valves, thermostats and pumps etc.

EnwaMatic® is a solution completely free from conventional chemicals with easy installation for side stream flow.



EnwaMatic® technology benefits

- Environmentally friendly technology
- Continuous filtration and self-regulating water treatment
- Improved heat transfer efficiency
- Extended service life of closed heating / cooling system
- Reduced service and maintenance costs

Environmentally friendly and energy efficient

EnwaMatic® is a green alternative to chemical dosing. It gives optimal energy efficiency through a continuous filtration and self-regulating water treatment. This prolongs the lifespan of the system and reduces costs for service and maintenance.

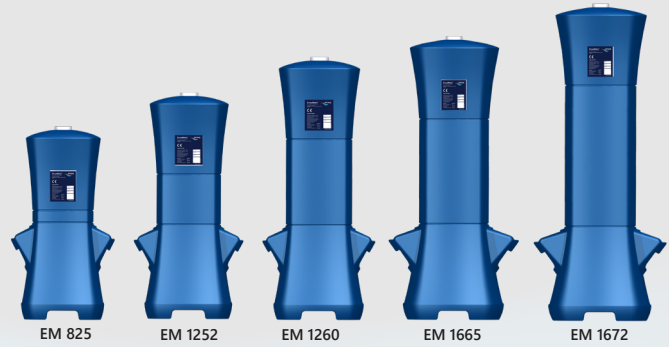


Water samples from a system that has been treated with EnwaMatic®. Day 1 to 30 from left to right.

Design

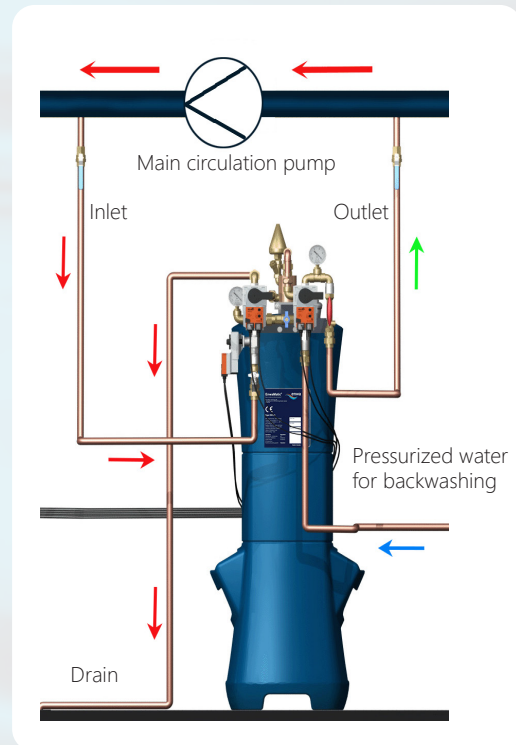
EnwaMatic® is delivered fully automated and with motor operated valves for backflushing. Models are specified based on the total system volume.

The EnwaMatic® units is composed of a robust stainless steel inner tank, encapsulated in a tough outer protective casing insulated with thermofoam.



Options

- Control cabinet can be integrated into the building management system BMS with VFC volt free contacts for service, backwash and common alarm.
- Circulation pump, for optimised flow.
- BAF (Backwash Anti Freeze system) to prevent dilution in systems with antifreeze.



EnwaMatic® Midi & Mini for smaller heating or cooling systems.

EnwaMatic® Midi

For installations with a system volume up to 1200 liters.

EnwaMatic® Mini

For installations with a system volume up to 500 liters.

