

Очистка воды и окружающей среды Aquatreat

Описание

По вопросам продаж и поддержки обращайтесь:

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Aquatreat

The solution for industrial process water treatment

Maximise system's lifespan

Plastics, chemical, textile, pharmaceutical and electronics industries use a lot of water to cool down their processes. Good quality cooling water is essential to guarantee:

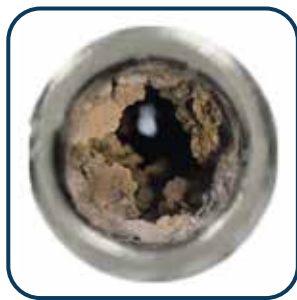
- maximum reliability of the cooling system
- prevention of unexpected breakages and damages
- high efficiency of the cooling system whilst keeping operating costs down
- safety of the investment



Preassembled water treatment system ready for use

Low quality water causes the following problems in the cooling systems:

- plant downtime
- efficiency losses and damage to the system components
- clogged pipes
- maintenance costs increase



Clogged pipe



Damaged rotor



Contaminated system water

Aquatreat is a highly customisable solution, suitable for a variety of industrial processes. It allows the monitoring, treatment and filtering of the process water.



Preassembled filtering system ready for use

Aquatreat by Thermalcare is an effective solution to:

- maximise the lifespan of the system
- optimise the water quality which is necessary for sustained production
- minimise the operating costs of the system by avoiding unexpected plant downtime or extraordinary maintenance and maximising the processes of heat exchange.

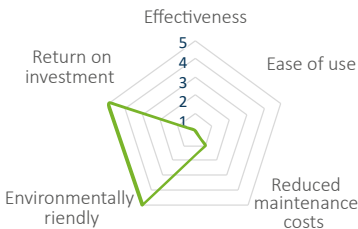
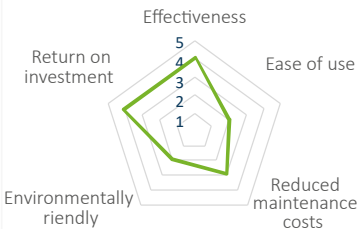
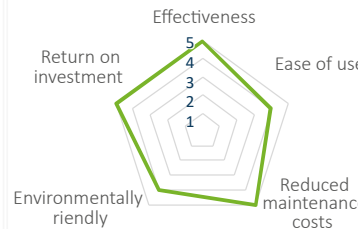
To guarantee the correct quality of water, **Aquatreat** manages pH, conductivity, chlorides, sulphates, suspended solids, contaminants and much more. Deviation from the desired values allows a rapid response.

Furthermore, **Aquatreat** protects pipes from water corrosion thanks to molybdenum matrix additives.

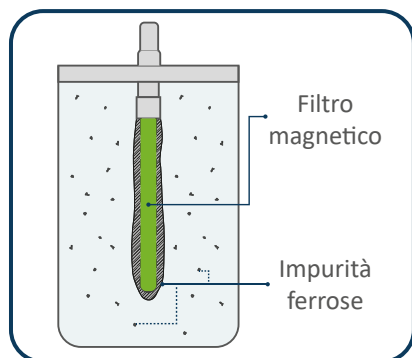
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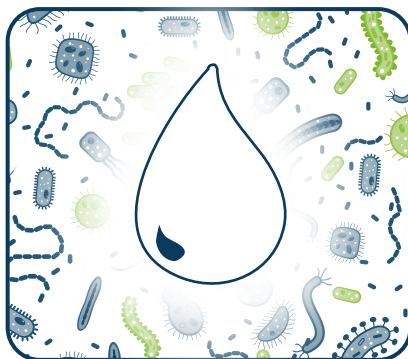
Traditional solutions for water treatment are based on polluting additives which require high disposal costs with results that aren't always precise.

	No solution	Traditional solution	Aquatreat
			
Effectiveness	None	Good if it is maintained regularly	Excellent, it does not need specific maintenance
Ease of use	None	Manual and unsupervised monitoring. It needs regular maintenance.	Intuitive solution with the possibility of connectivity to an external supervisor and monitoring of the additive levels
Reduced maintenance costs	None, there are high costs related to water damages	High costs caused by periodic maintenance and supervision	Low costs, interventions related only to the make-up chemicals following the warning system
Environmentally friendly	None, chemistry is used	Synthetic additives and manual dosing	Organic additives with precise and automatic dosing
Return on investment	No investment	Fair, a good effectiveness with relevant maintenance costs	High, excellent effectiveness with minimum maintenance costs.

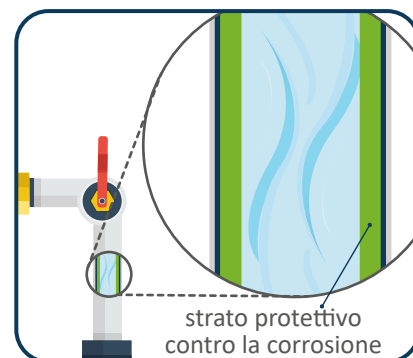
1- Worst performance, 5- Best performance



Magnetic-mechanical filtering against the iron impurities up to 2 µm.



Biocide additives which are effective against: microorganisms, legionella and algal blooms.



Systems to inhibit corrosion and protect the pipe.

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