

# MEDIX<sup>®</sup>

An innovative, compact and modular concept for treating micropollutants

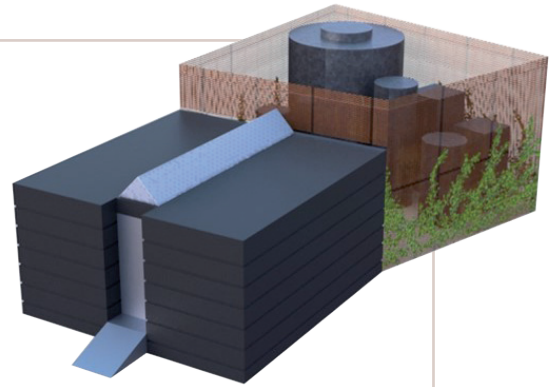


John Cockerill Water



# Elimination of pharmaceutical residues in effluents

The environmentally friendly **Medix®** technology is exclusively based on a unique combination of biological & mechanical treatment steps to eliminate harmful micropollutants without the use of chemical disinfectants.



## Key advantages



High performance



Biological process



Low energy consumption



Modularity



Easy integration

## Modular design

MEDIX®  
H100  
From 20 to  
100 beds

MEDIX®  
H250  
From 100 to  
250 beds

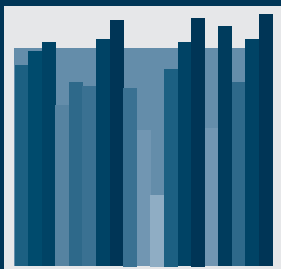
MEDIX®  
H400  
From 250 to  
400 beds

**+ Tailor-made design**  
for specific applications

## An exceptional abatement rate:

Pharmaceutical micropollutants abatement rate between the inlet and the outlet of 90%

Micropollutants at inlet



**-90%**  
at outlet



## Added value for clients:



Effective wastewater treatment:  
elimination of macro- and micropollutants



Increased social responsibility



Reduced ecological footprint

## Operating principle:

Medix® exploits the enzymatic capacities of microorganisms; By promoting their growth and their activity under certain conditions, we manage to biologically digest a large panel of pharmaceutical residues.

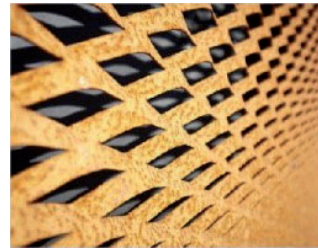


## Architectural integration & modularity

Medix® is a solution suitable for all volumes and composition of effluents.

With a view to optimal integration, we have developed different architectural finishes in order to better integrate the plant.

Medix® can be installed both indoors and outdoors.



Example of architectural finish available for outdoor installation



## Turnkey solutions

From design to operation, we deliver turnkey solution including:



Study & Characterization of needs



Turnkey installation



Start-up and adjustment



Monitoring and operation

## John Cockerill's service offer

John Cockerill can also monitor your installation after the start-up, with a maintenance contract, including:

- Preventive and curative maintenance
- Performance analysis and monitoring
- Optimization of operating parameters
- Follow-up report



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## John Cockerill's solutions cater to the ecological transition and circular economy

Firmly anchored in our experience, our solid technological know-how and our bold innovation in the treatment of water, air and waste, our **Water Business Line** offers highly performant and modular solutions for the efficient treatment of industrial and municipal wastewater, the production of process water and REUSE, as well as optimized renewable methane production.

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