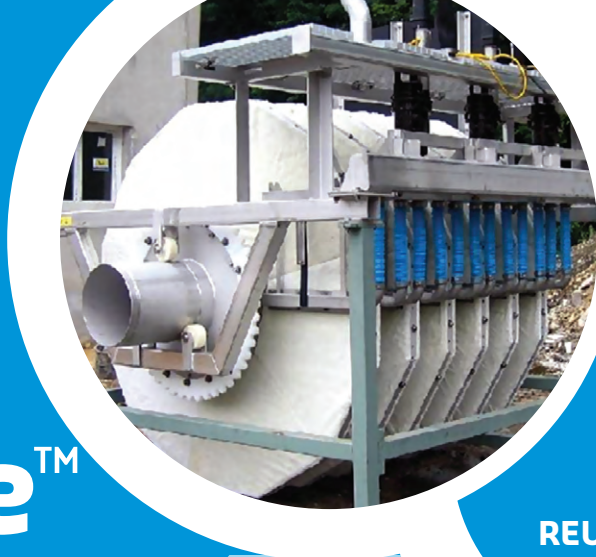


# Compakblue™

REMOVAL OF SUSPENDED SOLIDS  
AND ASSOCIATED POLLUTANTS  
BY IMMERSED DISK FILTRATION



REUSE

## WASTEWATER REUSE IN A COMPACT TREATMENT SOLUTION

### + PERFORMANCE

A quality water product that  
can be reused or discharged in  
sensitive areas

### + SAVINGS

A solution that provides  
conservation of energy  
and space

suez  
environnement

Degrémont

# INNOVATION

TERTIARY FILTRATION WITH  
A FOOTPRINT 4 TIMES SMALLER THAN  
CONVENTIONAL FILTRATION.

## KEY FIGURE:

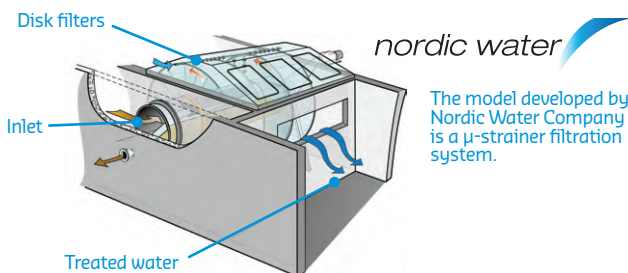
Retains SS from **8**  $\mu\text{m}$ .

### Compakblue™ TECHNOLOGY...

In a treatment system, le Compakblue™ is used after a biological treatment and a secondary clarifier.

Treatment Goal	Reduction of suspended and particulate pollution
Output secondary clarifier	MES <35ppm
Treated water after Compakblue™	Between <3 mg / l TSS average (<6 in 95% ile) and <5 mg / l TSS average (<10 in 95% ile)

**An automatic wash cycle without reagents:** Compakblue™ is submerged in a tank fed by the effluent to be filtered. During the filtration cycle, water flows through the disc's cloth, which retains all suspended solids larger than 8 $\mu\text{m}$ . Next the filtrate flows to the outlet channel via the disc support tube. During operation of the Compakblue™ functions, and without stopping filtration, a section of the filter cloth is automatically washed at regular intervals by vacuum or by water depending on the installed version. The Compakblue™ is available in 2 versions: one  $\mu$ -strainer filtration version (developed by Nordic Water), and a cloth filtration version (developed by Mecana).

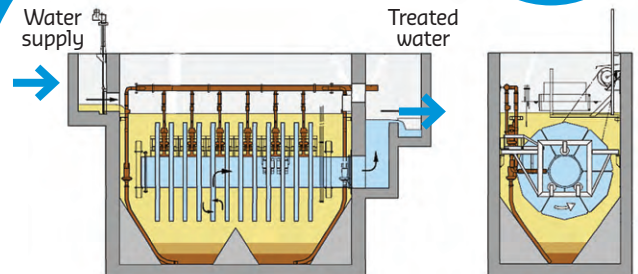


### AMONG OUR REFERENCES:

- Calepio di Settala, ITALY (2,000 m<sup>3</sup>/h capacity)
- Monchy-St-Eloi, 60, FRANCE (600 m<sup>3</sup>/h capacity)
- Auxi-le-Château, 62, FRANCE (60 m<sup>3</sup>/h capacity)

Compakblue™

REUSE



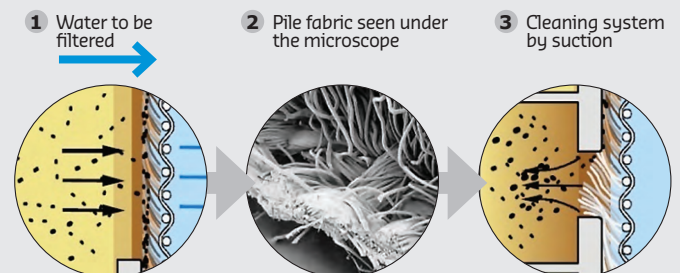
Compakblue™ is a disk filter recommended for retaining SS in tertiary filtration of UWW, as an alternative to filtration by granular media. This product is particularly adapted to reuse or discharge into sensitive areas.

### ...WHAT IT CAN DO FOR YOU

- + FLEXIBILITY OF INTEGRATION:**
  - Small footprint
  - Entirely automated function
- + PROVEN RELIABILITY:**
  - No risk of clogging
  - Good mechanical strength of the cloth
  - Reliability of cleaning
- + SECURITY AND HEALTH:**
  - Helminth eggs content < 0,1/L in accordance with the WHO (World Health Organization) recommendations
- + SUSTAINABLE DEVELOPMENT:**
  - No consumption of cleaning reagents



The model developed by Mecana Umwelttechnik AG Company is a cloth filtration model and is subject of patents (EP 0958 028).



### Degrémont

183, avenue du 18 juin 1940 - 92508 Rueil-Malmaison Cedex  
Tel : +33 (0) 1 46 25 60 00 - Fax : +33 (0) 1 42 04 16 99  
[www.degremont.com](http://www.degremont.com)

