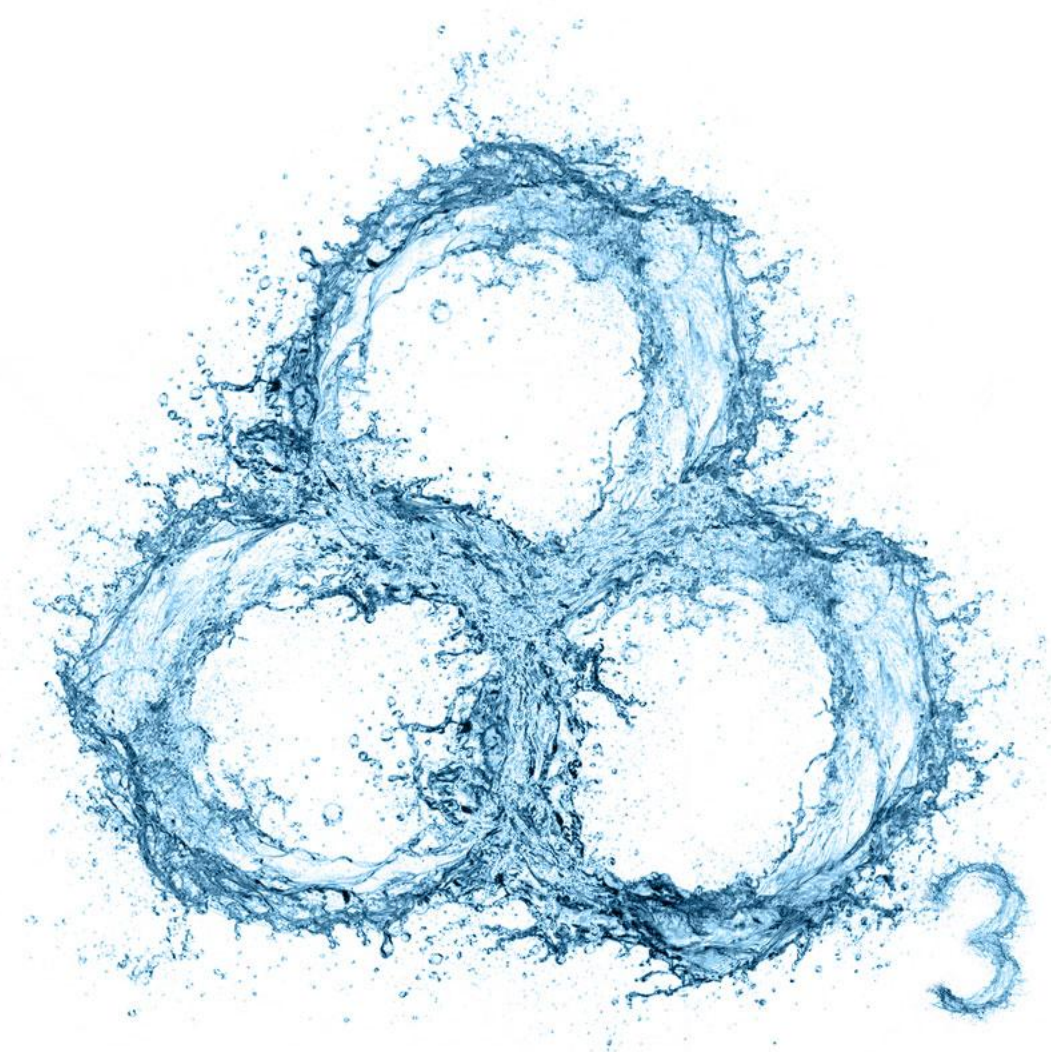




Jeanologia[®]
THE SCIENCE OF FINISHING

WATER SOLUTIONS

www.jeanologia.com

H2ZERO TEXTILE WATER RECYCLING SOLUTIONS

3 SOLUTIONS:

H2Zero



H2Zero CONNECT



H2Zero LAB



TRADITIONAL TECHNOLOGIES

This is an example of a selected water recovery system, but some stages may vary. For example, a stage could be removed and carbon filters or sand filters included instead.

PREFILTRATION



PHYSICO-CHEMICAL



MEMBRANES BIOREACTOR (MBR)



ULTRAFILTRATION (UF)



REVERSE OSMOSIS (RO)



EXISTING EFFLUENT
TREATMENT PLANT



AFTER TRADITIONAL
TECHNOLOGIES

TRADITIONAL SYSTEM
BARRIERS

- 1. Space requirements
- 2. Financial investment
- 3. Technical complexity
- 4. Maintenance

TRADITIONAL TECHNOLOGIES

This is an example of a selected water recovery system, but some stages may vary. For example, a stage could be removed and carbon filters or sand filters included instead.

PREFILTRATION



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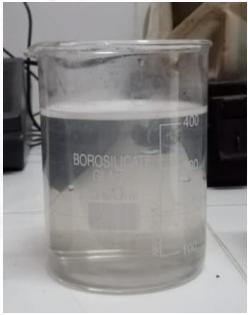
REVERSE OSMOSIS (RO)



H2O3 CONNECT



EXISTING EFFLUENT
TREATMENT PLANT



AFTER H2ZERO
CONNECT

CYCLONE



OZONE



H₂O₃ Connect 20

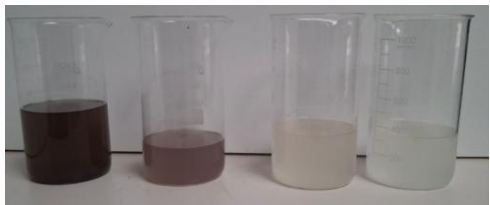
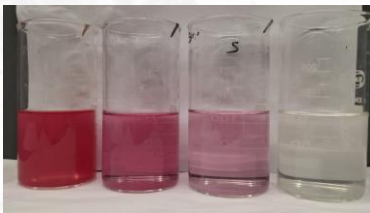
H₂O₃ Connect Clear

OZONE



BENEFITS OF OZONE TECHNOLOGY

- Absence of chemicals.
- Eliminates potential bad odors caused by organic compounds and microorganisms.
- Optimized equipment for low maintenance operation.
- Parameters reduced: COD and color.



GENERAL FEATURES OZONE PLATFORM 20 m3/h

- **Weight:** 9,000 kg (full of water)
- **Dimensions:** 3528x3040xH4000mm

WATER QUALITY INDICATOR

	AFTER TREATMENT	AFTER OZONE		REMOVAL EFFICIENCY (%)
COD	800-1000	280-650	mg O2/L	65-50
COLOR	>700	<175	(PCU) Platinum Cobalt Unit	75-60



Depending on the water quality inlet. The percentage of removing based on Jeanologia standards and processes.

CYCLONE



GENERAL FEATURES

- **Weight:** 1,200 kg
- **Dimensions:** 1100x1350xH1820mm

BENEFITS OF CYCLONIC

- Advanced centrifugal separation of fine particles.
- Compact, robust, and low-maintenance design, thus reducing plant footprint and associated operation and maintenance costs.
- Optimized and automatically programmed self-cleaning.
- Parameters reduced: turbidity, total solids, and suspended solids.



WATER QUALITY INDICATOR

	AFTER TREATMENT	AFTER CYCLONIC		REMOVAL EFFICIENCY (%)
TOTAL SUSPENDED SOLIDS	150-50	38-12.5	mg/L	75-60



Depending on the water quality inlet. The percentage of removing based on Jeanologia standards and processes.



BANGLADESH



SOUTHAFRICA



PORTUGAL



SRI LANKA



PORTUGAL



HONG KONG

SOLUTION FOR WATER RECYCLING IN NEW LAUNDRIES WITH EXISTING WATER TREATMENT PLANTS

H₂O₃ CONNECT

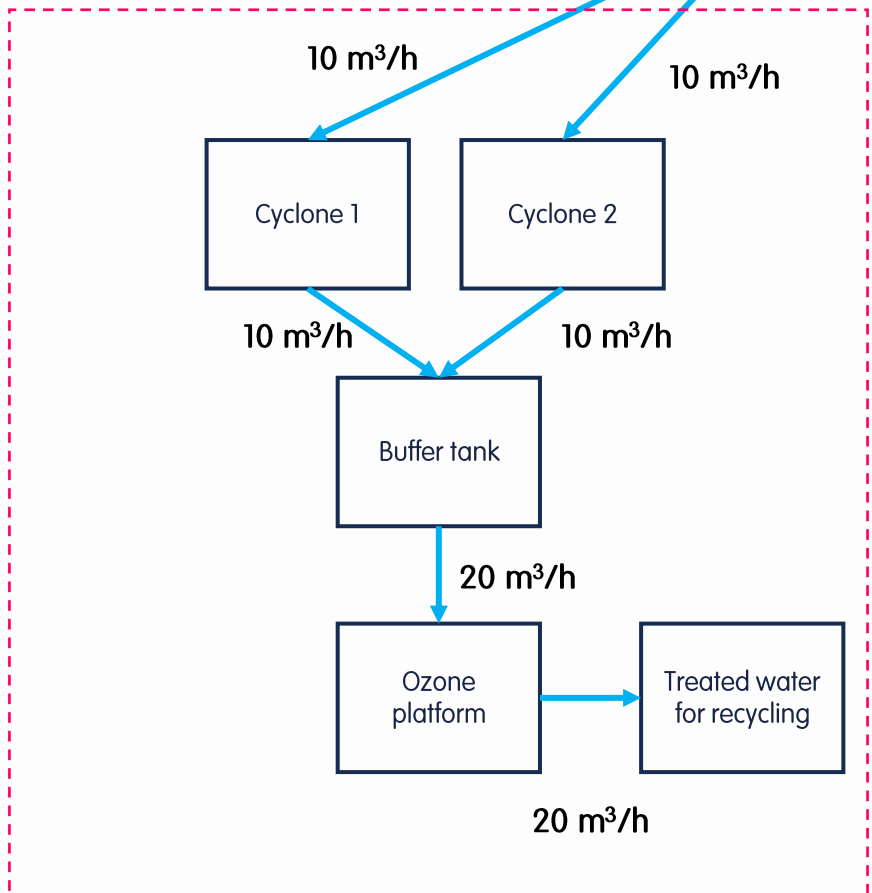
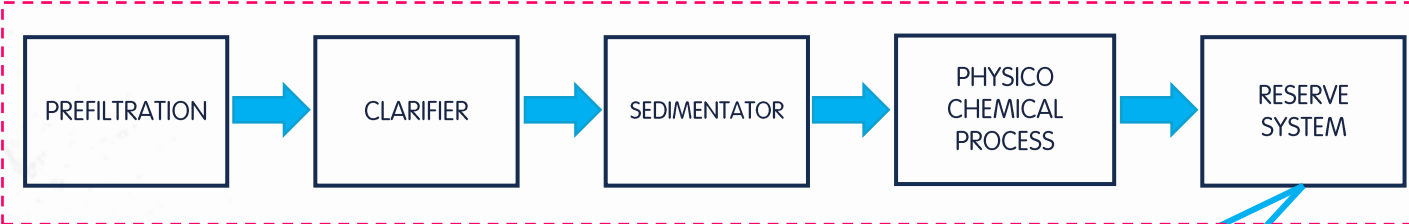


H₂O₃ Connect 20



H₂O₃ Connect Clear

H₂O₃ Connect 20



This is an example of the connections
Pumps and level sensors are included.
Deposits are not included.

#MISSIONZERO

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BUILD A CLEAN FUTURE
PRODUCE WITH ZERO WASTE



Thank you!



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