



**HAKIM WATER**  
CHEMICALS &  
ENGINEERING

**MAWARED F.T.E.S**

Mawared for Technical &  
Engineering Solutions

# WATER ENGINEERING SOLUTIONS



## حكيم للصناعة المياه

الكيميائيات والتكنولوجيات التخصصية

## موارد

للتقنيات و الحلول الهندسية



SCAN ME

[Hakimwater.com](http://Hakimwater.com)



HAKIM GROUP

HAKIM  
WATER ENGINEERING SOLUTIONS

- **INDUSTRIAL WATER TREATMENT PACKAGES**
- **DESALINATION UNITS ( RO UNITS )**
- **OZONATION PACKAGES**
- **WASTEWATER TREATMENT PACKAGES**
- **PRETREATMENT PACKAGES**
- **WATER ANALYSIS SERVICES**
- **ENGINEERING SOLUTIONS**



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# DESALINATION

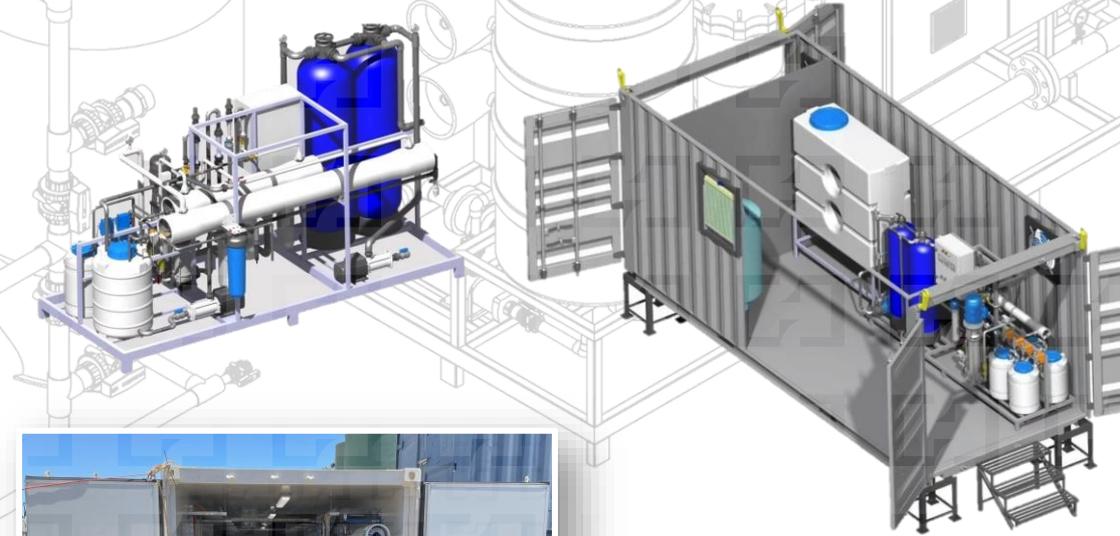
ENGINEERING , COMMISSIONING

"Design, consultation, construction, and commissioning of semi-industrial industrial water treatment plants for various industries, including refining, petrochemical, power generation, steel, dairy, food, detergents, cosmetics, pharmaceuticals, and mineral processing."

<b>Types</b>	<b>Water Plants Raw Water : Brakish, Well or Sea Water ( Based on Water Analysis )</b>
HRO-WR-C1	1000 Gal / Day (BW or SW)
HRO-WR-C5	5000 Gal / Day (BW or SW)
HRO-WR-C10	10,000 Gal / Day (BW or SW)
HRO-WR-C15	15,000 Gal / Day (BW or SW)
HRO-WR-C20	20,000 Gal / Day (BW or SW)
HRO-WR-C30	30,000 Gal / Day (BW or SW)
HRO-WR-C50	50,000 Gal / Day (BW or SW)
HRO-WR-C100	100,000 Gal / Day (BW or SW)
HRO-WR-CYY	Based on the Customer Request

# DESALINATION

ENGINEERING , 3D DESIGN  
CONSTRUCTION , COMMISSIONING  
CONTAINERIZED SOLUTIONS



HAKIM | 3D Design

**HAKIM**  
**Containerized Desalination Unit**  
**200 m<sup>3</sup>/Day**  
**53,000 Gal/Day**



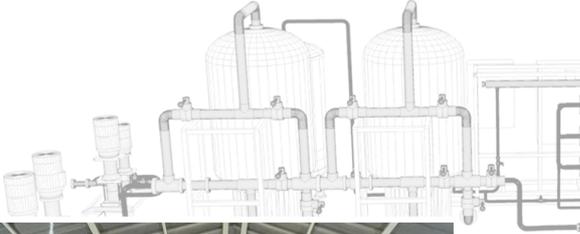
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# DESALINATION

ENGINEERING , 3D DESIGN  
COMSTRUCTION , COMMISSIONING  
CONTAINERIZED SOLUTIONS



**HAKIM | Desalination Plant**  
**500 m<sup>3</sup>/Day**  
**132,000 Gal/Day**



**HAKIM | Desalination Unit**  
**20 m<sup>3</sup>/day**  
**5,000 Gal/Day**



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**HAKIM GROUP**

# O Z O N A T I O N

E N G I N E E R I N G , C O M M I S S I O N I N G

"Design, consultation, construction, and commissioning of Ozonation Systems"

Types	OZONE PRODUCTION CAPACITY
HOZ-5	5 g / hr
HOZ-10	10 g / hr
HOZ-30	30 g / hr
HOZ-60	60 g / hr
HOZ-250	250 g / hr
HOZ-500	500 g / hr
HOZ-1000	1,000 g / hr
HOZ-5000	5,000 g / hr
HOZ-10000	10,000 g / hr



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# O Z O N A T I O N

E N G I N E E R I N G , C O M M I S S I O N I N G



**Wastewater Treatment Project for Fiber Production Company - Two Ozone Generators (250 grams per hour) along with an Oxygen Generator (100 liters per minute) and a Central Control Panel.**

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## CHEMICALS DOSING PACKAGES

- **Chemical Feed Pumps:** These pumps can be calibrated to deliver a specific volume of sodium or calcium hypochlorite solution at predetermined intervals. They are commonly used in water treatment facilities and swimming pools.
- **Flow Meters:** These devices can measure the flow of water and automatically adjust the dosing of the disinfectant based on the flow rate, ensuring consistent disinfection levels.
- **Control Systems:** Advanced systems can monitor water quality parameters (e.g., chlorine residual, pH) and adjust dosing rates automatically to maintain optimal disinfection levels.



## HAKIM SUPPORTS ( AS PER AGREEMENT )

- **User Manual:**

Providing a user manual that includes:

Device introduction.

Introduction to consumables and their replacement timelines.

Daily, weekly, and monthly checklists for the device.

Troubleshooting and how to resolve issues.

- **One-Year Warranty:**

excluding consumables

- **10-year Support Services**

Assignment of a support specialist to the buyer.

Availability to answer buyer questions via phone and online for up to 10 years after the purchase.

- **Setup Video and Manual:**

Providing a instructional video for the installation and setup of the device.

- **Device Installation:**

Providing Installation of the device by our specialists.

- **Device Inspection Every 6<sup>th</sup> month**

( As Per Agreement )

- **Feed Water analysis and Water and Wastewater Engineering Services**

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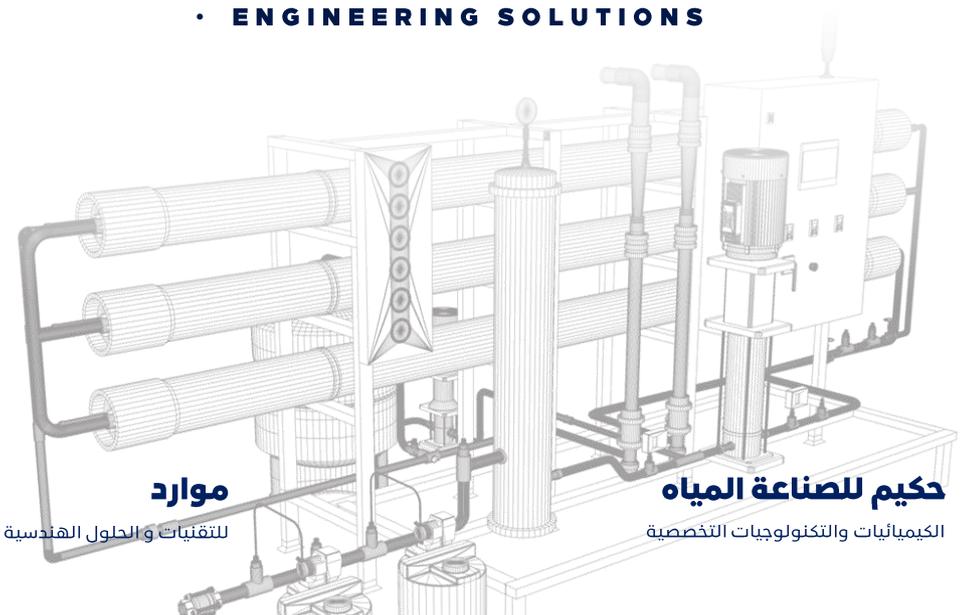
**• OZONATION PACKAGES**

**• WASTEWATER TREATMENT PACKAGES**

**• PRETREATMENT PACKAGES**

**• WATER ANALYSIS SERVICES**

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## موارد

للتقنيات و الحلول الهندسية

### ADDRESSES

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