



presents:



IMA WATER
TECHNOLOGY

The latest technology in water treatment



IMEDAGUAGROUP

Integral water treatment

INGENIERÍA
MEDITERRANEA
DEL AGUA

We are a company specialized in water treatment located in Spain. Manufacturer of water purification and drinking water treatment plants with 30 years of experience. It was born from the union of several engineers experts in the purification of drinking water and wastewater who set out to bring a different vision to the manufacture and installation of water purification and drinking water treatment plants. We design, develop and manufacture from a small compact domestic filter that replaces bottled water, to mobile water treatment plants for rural areas where there is no electricity, such as solar water purifiers and even plants of any size. WE BRING WATER TO ANY PART OF THE WORLD.



ACTIVITY

What do we do?



- **DESIGN** - Calculation and design of projects and plants for water treatment
- **ENGINEERING** - IMA Water equipment manufacturing and test management
- **PROJECTS** - Management of electrical and hydraulic connection of projects anywhere in the world
- **MAINTENANCE** - Revision and follow-up of installed plants



ACTIVITY

What do we do?



- **EQUIPMENT** - Design and manufacture of industrial filtration equipment
- **COMPACT PLANTS** - Design and manufacture of industrial filtration equipment
- **SELF-SUSTAINABLE** - Equipment installed on a rack or container, assembled in the factory and shipped anywhere in the world without the need for civil works.

RAW WATER SOURCE

Wells, rivers, network, aquifer...

RAW TANK

For storage in cases of intermittent pumping, such as when using solar energy.

FRAME

Plants installed on an open custom-made stainless steel frame. The open frame requires protection from the weather.

FREE EQUIPMENT

For a flexible and agile installation anywhere. Free standing equipment to be placed in any arrangement desired by the customer or in an existing room. Requires civil works and technicians for installation and start-up.

TREATED TANK

Capacity to store water during non-working hours in order to reduce the equipment to lower flow rates. Production flow rate less than the maximum peak working flow rate. Need for an extra pumping unit to supply the system.

1

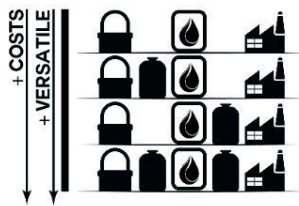
2

3



CLOSED CABINET / CONTAINER

Compact plants in a custom-made stainless steel closed container ready to install and connect inlet-outlet, with no need for civil works. The installation in container has an extra cost added to the water treatment equipment.

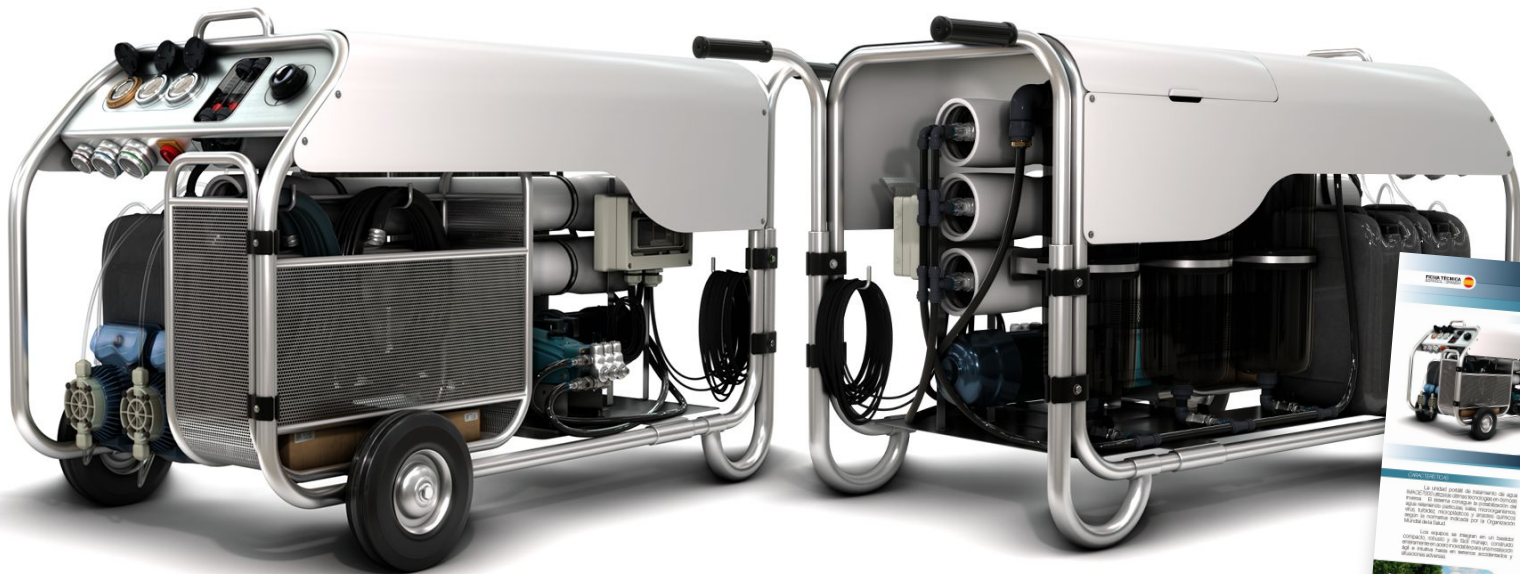


POSSIBLE TREATMENT LINE INSTALLATIONS

OE 700

Compact reverse osmosis - Included pumps
Inlet / outlet hoses - Self sustainable
Portable - Easy use - Automated workflow

up to 0.7m³h



for Rivers, boreholes, lakes, floods, rain water, brackish water...

OE 700

up to 0.7m₃h





IMA UFE3000

PORTABLE ULTRAFILTRATION 3m³/h

TECHNICAL DATA



Electrical panel
Start-up, shutdown and monitoring

Roughing of solids
2 Filtration units of 20 and 30 microns

Raw water pump
with cage float and 30m hose

Self-supporting frame
With handle and wheels for easy transport

Hoses and accessories
For installation, connection and supply

Disinfection system
By ultraviolet lamp and hypochlorite dosage

2 Ultrafiltration membranes
Washable and made of stainless steel

Outlet: **3000 l/h**
Height: **950 mm**
Width: **750 mm**
Length: **1400 mm**
Module weight: **150 kg**
Power consumption: **700 W**
Daily max. outlet: **72,000 l/day**
Connection: **230V 50Hz/60Hz**

CHARACTERISTICS

The IMA UFE3000 portable water treatment unit uses the latest ultrafiltration membrane technologies. The system achieves, with very little energy, the potabilisation of natural fresh water sources, retaining particles, microorganisms, viruses, turbidity, microplastics and chemical residues according to the regulations indicated by the World Health Organisation and by national regulations.

All this equipment is integrated in a compact, robust and easy to handle frame, built entirely in stainless steel for an agile and intuitive installation, even in rough terrain and adverse situations.



IMA OE700

OSMOSIS PORTÁTIL 0,7m³/h

DATOS TÉCNICOS



Cajón extraíble
Con mangas recambios y accesorios

Cuadro eléctrico
con control de conductividad y presión

Desbaste de sólidos
3 Unidades de filtración de 8, 25 y 50 micras

Bomba de agua bruta
con cable, flotador y 30m de tubería

Basidor autoportante
con mango y ruedas para fácil transporte

Sistema de desinfección
por adición de hipoclorito

3 Membranas de ósmosis
Para alta salinidad con bomba de alta presión

Altura: **950 mm**
Ancho: **800 mm**
Longitud: **1700 mm**
Peso módulo: **200 kg**
Producción: **400-700 l/h**
Consumo eléctrico máx.: **8 kW**
Conexión: **230V 50Hz/60Hz**
Producción máx.: **9.600 - 16.800 l/día**

CARACTERÍSTICAS

La unidad portátil de tratamiento de agua inversa IMA OE700 utiliza las últimas tecnologías en ósmosis inversa. El sistema consigue la potabilización del agua reteniendo partículas, sales, microorganismos, virus, turbidez, microplásticos y anastres químicos según la normativa indicada por la Organización Mundial de la Salud.

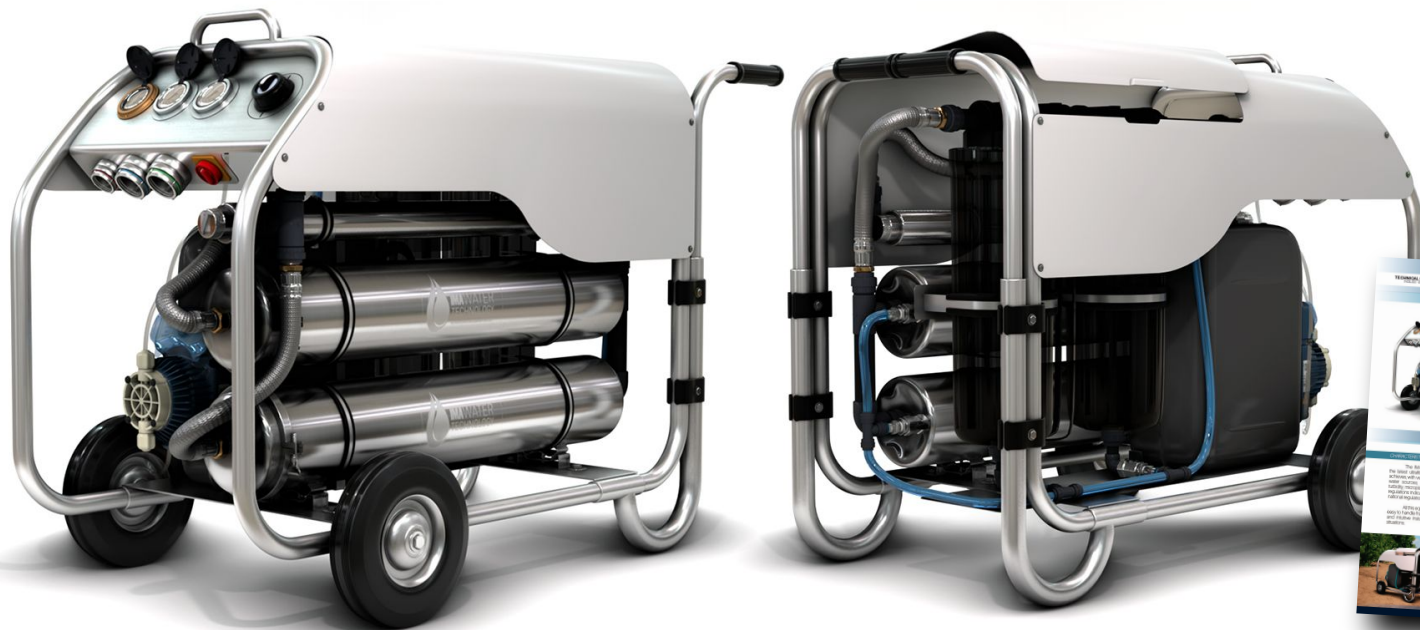
Los equipos se integran en un basidor compacto, robusto y de fácil manejo, construido enteramente en acero inoxidable para una instalación ágil e intuitiva hasta en terrenos accidentados y situaciones adversas.



UF 3000

Ultrafiltration membranes
Inlet / outlet hoses - Self sustainable
Portable - Easy use - Automated workflow

up to 0.7m³h



for **Rivers, boreholes, lakes, rain water, floods, surface water...**

UF 3000

up to 0.7m³h



HYDRALIFE

UF 3000

PORTABLE ULTRAFILTRATION SYSTEM

www.hydralife.com

Technical panel
Control panel with 4 gauges
Highly flexible
Range of additional accessories
Easy water entry
Self-supporting frame
Self-priming pump
Hygiene and protection
Stainless steel ultrafiltration modules
Highly resistant and easy to clean
2 Ultrafiltration membranes
Ultrafiltration membranes

Output: 0.7m³h
Flow: 100 l/min
Pressure: 1.5 bar
Length: 1400 mm
Weight: 25 kg
Power consumption: 700 W
Operating voltage: 230 V AC
Connection: 230V 50Hz 16A

ADVANTAGES

The UF 3000 portable water treatment unit uses the ultra filtration membrane technology. The system is compact, with very low energy consumption. It is ideal for water purification, desalination, decontamination, and water recycling. It is also suitable for use in the field, for example, for water purification in the field of health, agriculture and industry.

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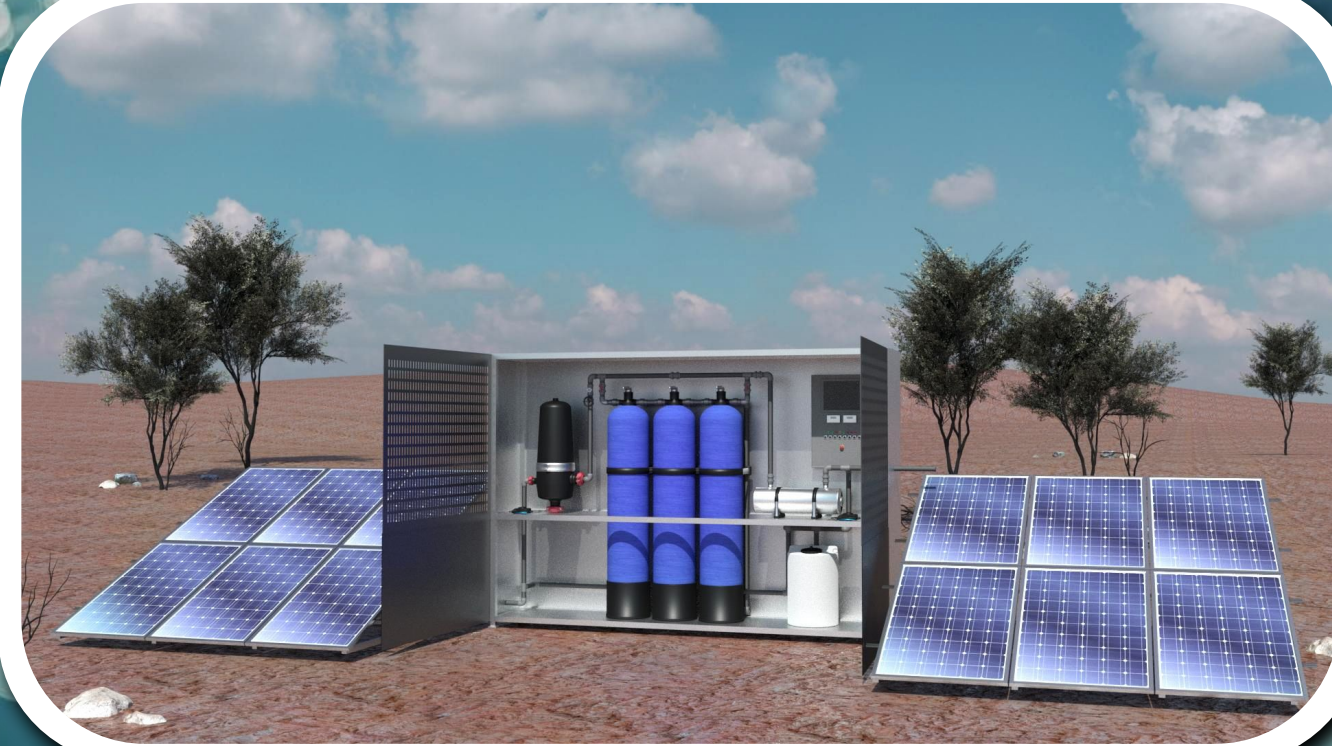


SelfSustainable plants



Solar powered

SelfSustainable plants



Solar powered

up to **10m₃h**

Custom closed **cabinet**

Iron - Manganese - Arsenic
Active carbon - Multimedia sand
Lead - Mercury - Heavy metals
Borum - Fluorides - Many more...



up to **15m₃h**

Custom closed **cabinet**

Reverse osmosis custom plants



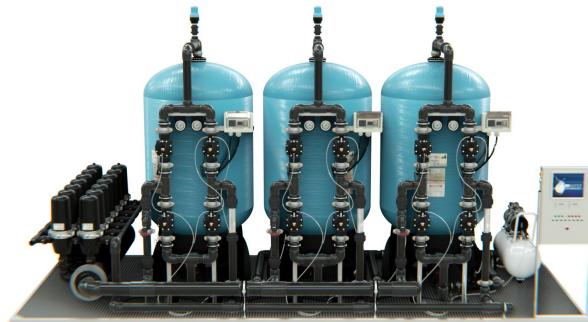
up to **30m₃h**

Custom closed **cabinet**

Ultrafiltration custom plants



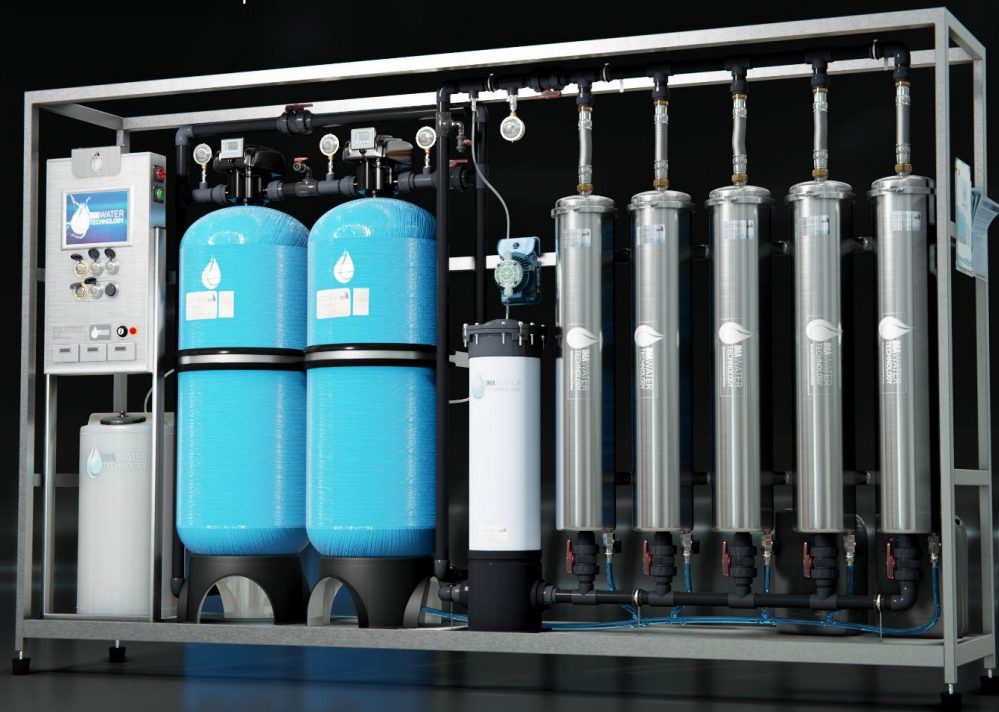
Custom open steel frame



up to **30m₃h**

Custom **frame**

Ultrafiltration + Filtration custom plants

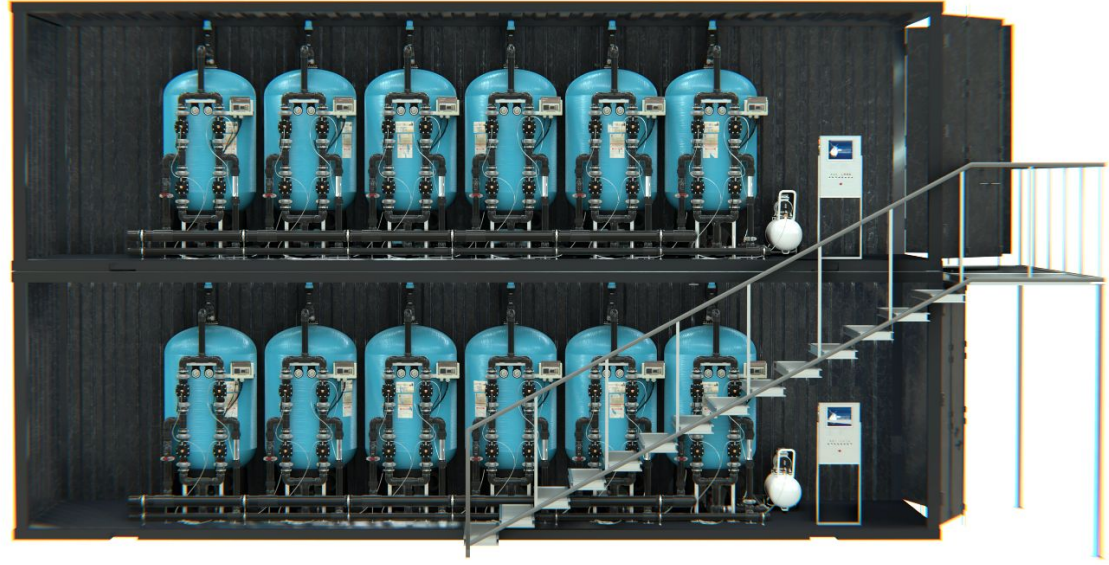


Free equipments



Containers

up to 60m₃h

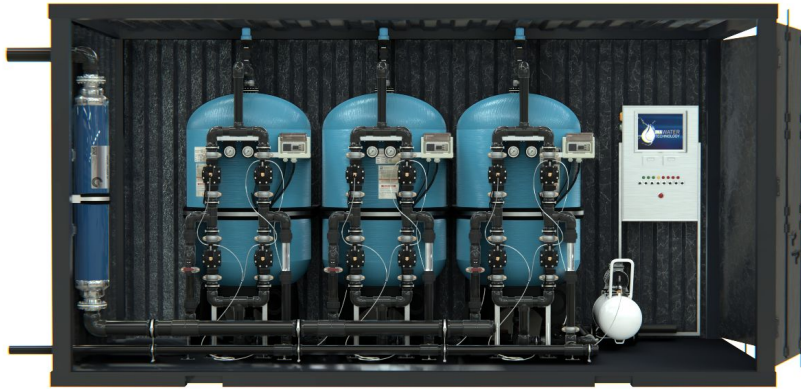


up to **30m₃h**

Custom **containers**



Containers



RAW WATER SOURCE

Wells, rivers, network, aquifer...

RAW TANK

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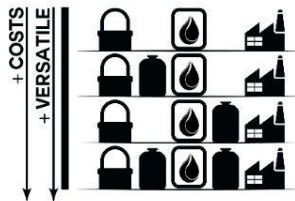
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TREATED TANK

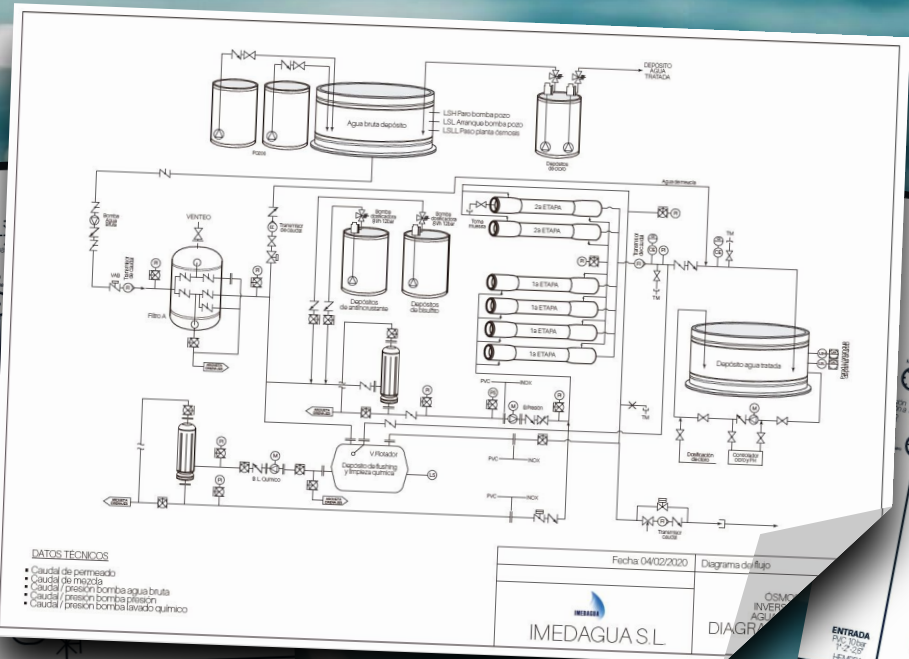
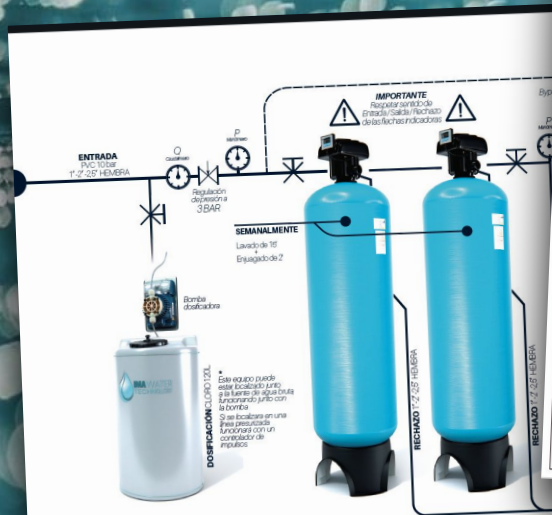
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POSSIBLE TREATMENT LINE INSTALLATIONS



- DATOS TÉCNICOS**
- Caudal de permeado
 - Caudal de mezcla
 - Caudal / presión bomba agua bruta
 - Caudal / presión bomba lavada químico





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