

Beijing Innogreen Technology Co., Ltd



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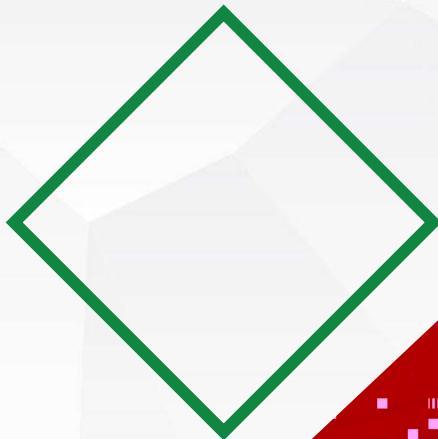


www.innogreen.com

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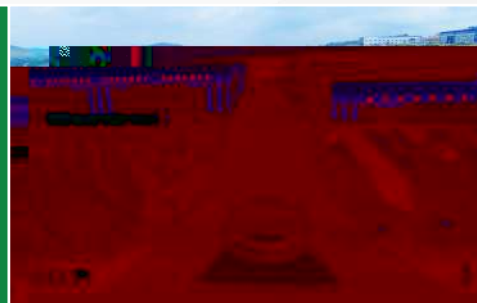
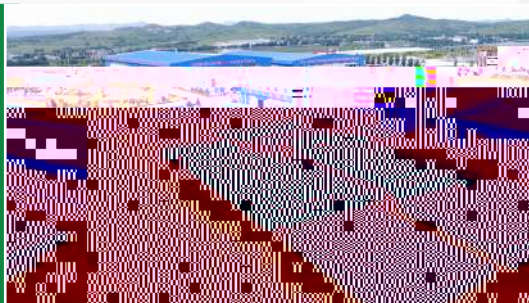
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Company Profile



Beijing Innogreen Technology Co., Ltd., founded in Beijing 2004, is one of the best water treatment enterprises integrating R&D and manufacturing of membrane & products, EPC works, and professional operation & maintenance service.



- Established in Zhongguancun, Beijing
- Completed construction of the first production workshop in Beijing

- Became the largest manufacturer of purified water equipment in northern China
- Became a major supplier of purified water equipment for the Beijing Olympic logistical services

- One of the first companies to donate water purification equipment for the Wenchuan Earthquake relief
- Recognized as one of China's Top Ten Water Purifier Brands

- Established divisions for residential terminal purification, industrial ultrapure water, softened water, laboratory ultrapure water, and EDI systems
- Founded the Wastewater Division
- Received investment from Legend Capital and Legend Star
- Constructed China's second-largest nanofiltration system in Xilinhot

- Signed strategic agreement with listed company Kerong Environment
- Launched the first BOT project
- Implemented the first PPP operation project
- Constructed the Koubei Water Project

2025

- Served over 1,000 clients
- Became No.1 in water treatment for the waste incineration and biomass power generation industries
- Annual usage of over 30,000 RO membrane elements
- Strategic partners_ rer

Patents, Qualifications

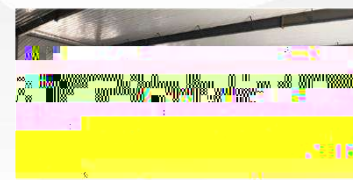
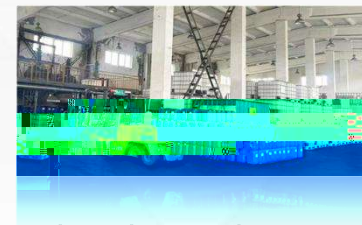
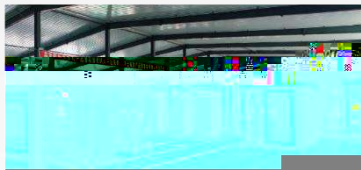


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Workshop Equipment



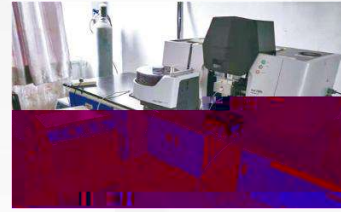
Industry-leading Water Quality Analysis Laboratory



Routine Ion Analysis



Metal Parameter Test



Microbiological
Parameter Test



sampling test services

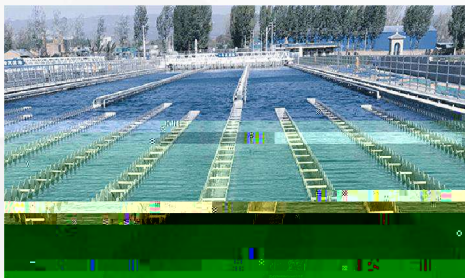
More than **80** sets of advanced testing equipment

More than **100** tests of various water quality and environmental indicators

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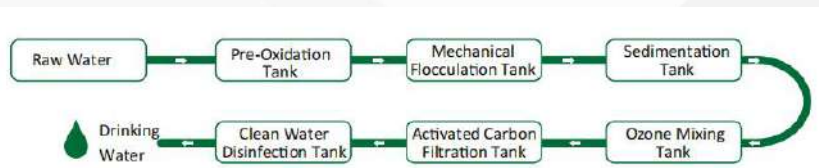
Municipal Waterworks



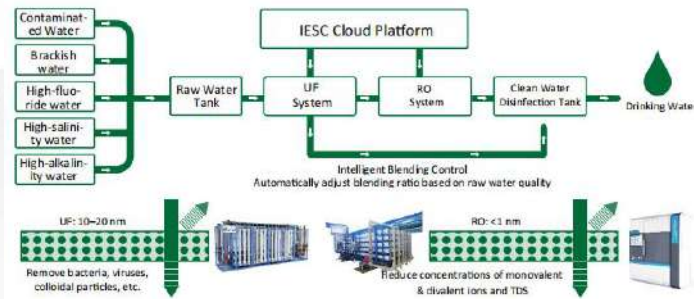
Municipal Waterworks

Purify water sources to produce drinking water that meets safety standards.

Technological Process



Water Purification Process for Water Sources Contaminated with Trace Organic Compounds



Dual-Membrane Process for Ion-Exceeding Raw Water in Drinking Waterworks

Typical Cases



Self-invested Flagship Project:
the Taiji Water Purification
Plant in Beipiao, Liaoning

Treatment capacity: 80,000 t/d



Woniushan Waterwork of Yantai
Economic & Technological
Development Zone Tap Water
Co., Ltd.

Treatment capacity: 67,000 m³/d
Main process: UF + RO dual-
membrane



Process Upgrade and Renovation
Project of Gan'nian Town Water
Purification Plant in Gannan
County

Treatment capacity: 30,000 t/d
Main process: UF + RO



Shanba Town Tap
Waterwork in Inner
Mongolia

Treatment capacity: 40,000 t/d
Main process: UF + RO



Industrial Application: Power, Chemical, Metallurgy, etc.

Treat raw water to meet industrial water standards, including water for power generation, chemical production, metallurgy, and other industries.

Treatment Processes	Application Scenarios	Product Water Quality Standards
Chemical dosing + sedimentation + filtration	Industrial water, circulating water, and cooling water in factory areas	Design Code for Industrial Circulating Cooling Water Treatment (GB 50050)
Mechanical filtration + RO	Process water and cleaning water for chemical production	Desalination rate 98% Iron content 0.05 mg/L
Mechanical filtration + RO + softening	Medium and low pressure boiler feedwater	Industrial Boiler Water Quality Standard (GB/T 1576)
Mechanical filtration + cation exchanger + anion exchanger + mixed bed	Thermal power plant boiler water, high pressure boiler water	Water and Steam Quality for Thermal Power Units and Steam Power Equipment (GB/T 12145)
UF + two-stage RO + EDI	General boiler water	Water and Steam Quality for Thermal Power Units and Steam Power Equipment (GB/T 12145)

Typical Cases



Rongcheng Natural Gas
Cogeneration Project

Boiler 30

Boiler Feedwater Treatment
System Project of Thermal
Power Plant for Yihai Jiali (Fuyu)
Energy Co., Ltd.

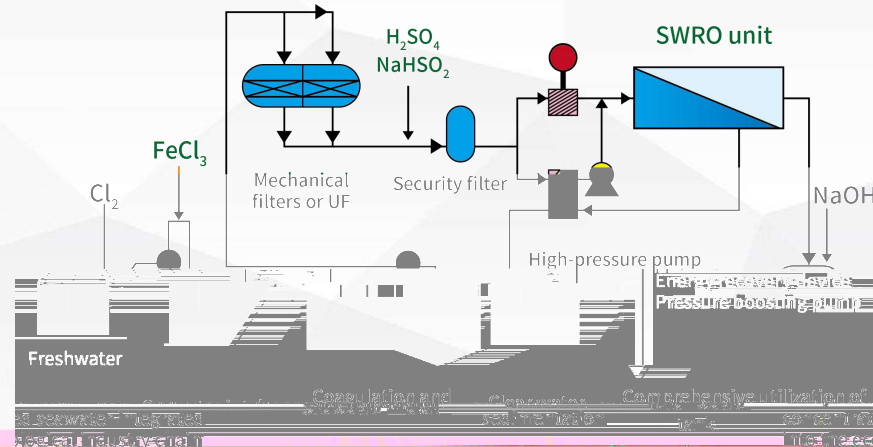
Treatment capacity: 2×200 m³/h
Process: UF + Primary RO +
Secondary RO + EDI



Seawater Desalination

Remove salt and impurities from seawater to produce fresh water suitable for drinking or other uses.

Technological Process



Process: Watermark System

Typical Cases

Peru Seawater Desalination

Mozambique Seawater Desalination

Chile Seawater Desalination

Spain Seawater Desalination

CLWBOR

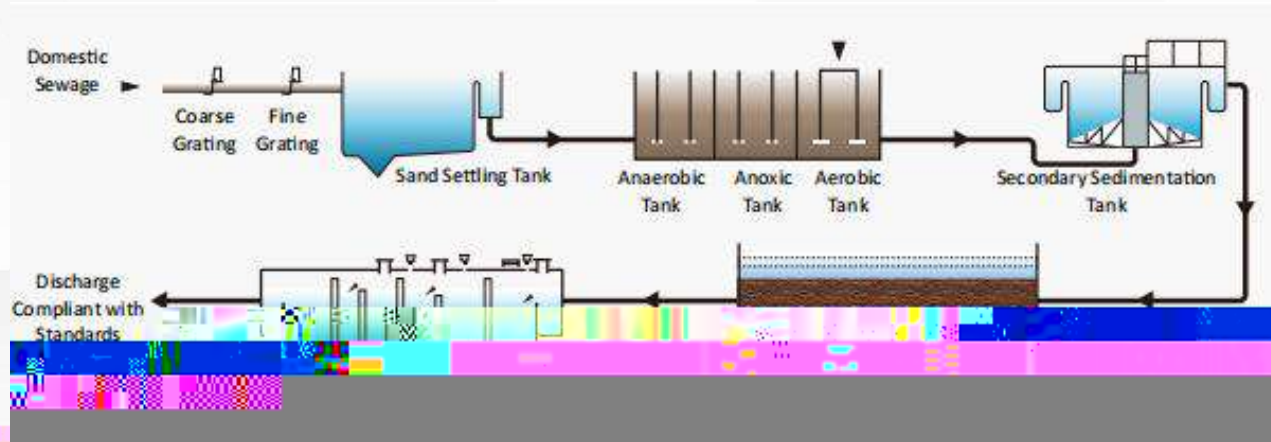
Capacity: 1,000 t/d
Process: Water Intake System +
Oil Removal + Filtration +
Seawater RO Membrane System

Capacity: 100 t/d
Process: RO

Municipal Sewage Treatment Plant

Purify urban wastewater to meet discharge or reuse standards.

Technological Process



Typical Cases

Domestic Sewage Treatment
Project for the Supporting Living
Service Center of Beijing
Tongzhou New Government
Complex

Capacity: 300m

Town-level Sewage Treatment
Plant Construction Project in
Shenzhou, Hengshui

Capacity: 300-700-1000-1200m³/d
Process: A²O + MBR

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Small and Medium-sized Wastewater Treatment Plant / Integrated Equipment

Integrated wastewater treatment equipment for small and medium-sized plants/process small-scale or decentralized wastewater to meet discharge or reuse standards.

Technological Process



Typical Cases

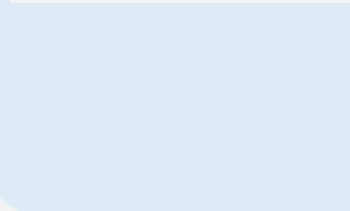
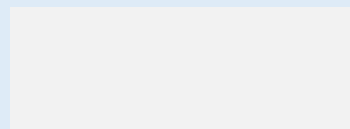
Sewage Treatment in Yabuli,
Heilongjiang

Sewage Treatment for Xiong'an
Project

1000 t/d Domestic Sewage
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3 types of operation & maintenance expert

Water treatment butler



Water Treatment “Butler + Doctor” Service

Butler Service



Full-trust operation



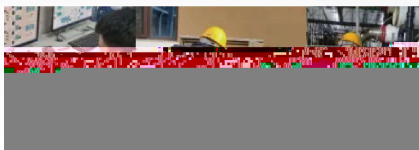
Turnkey chemical supply operation



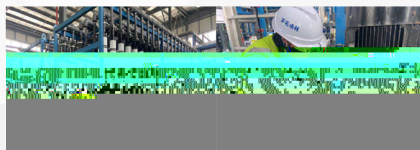
Professional operator dispatch operation

Doctor Service

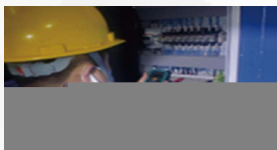
Early warning and precise diagnosis of online & on site issues



600+ items of online and on-site inspections across 12 major categories



Sys S e r v i c e v i @ a s m i s



**Replace or guide users in undertaking
all daily operation tasks of water treatment equipment**



Online/offline
cleaning
services

>> Aceclean UF membrane <<



Main Types

Module		D	L	L1	L2	L3	w1	w2
ACE-160L-03	SI (mm)	160	1860	1500	1630	1820	180	345
ACE-225L-03	SI (mm)	225	2360	2000	2130	2320	180	345

Comparison of Parameters

Brand	Type	Filtration way	effective membrane area m ²	Membrane module capacity (L)	Permeate flux (25° C)	Flow rate range	Permeate turbidity
Aceclean	ACE-225L-03	external pressure	77	39	40 - 110 l/m ² /hr	3.2 - 8.5 m ³ /hr	0.1 NTU
Dupont	SFP-2880	external pressure	77	39	40 - 90 l/m ² /hr	3.1-6.9 m ³ /hr	0.1 NTU
Toray	HFUG-2020AN	external pressure	72	43	40 - 187.5 l/m ² /hr	3.2-13.5m ³ /hr	0.1 NTU
Toray	HFUG-2020AN	external pressure	90	53	40 - 166 l/m ² /hr	3.2-15m ³ /hr	0.1 NTU
Asahi Kasei	UNS-620A	external pressure	50	23	40 - 160 l/m ² /hr	3.2 - 8.5 m ³ /hr	0.1 NTU

>> Aceclean RO/NF Membrane <<



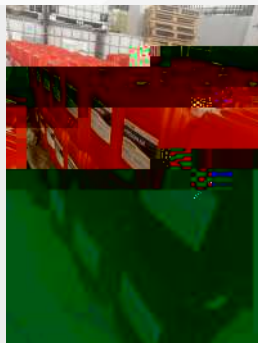
Main Types

Function	Type	Stable salt rejection rate	average permeate flow rate GPD (m ³ /d)	Effective membrane area Ft ² (m ²)
high-rejection brackish water membrane element	ALR-100	0.997	10500 (39.7)	400 (37.2)
anti-fouling membrane element	AGR-100	0.997	10500 (39.7)	400 (37.2)
seawater desalination membrane element	ASW-100	0.998	7000 (26.5)	400 (37.2)
NF membrane element	ANF-8040-34	≥97.0%	10000 (37.9)	400 (37.2)

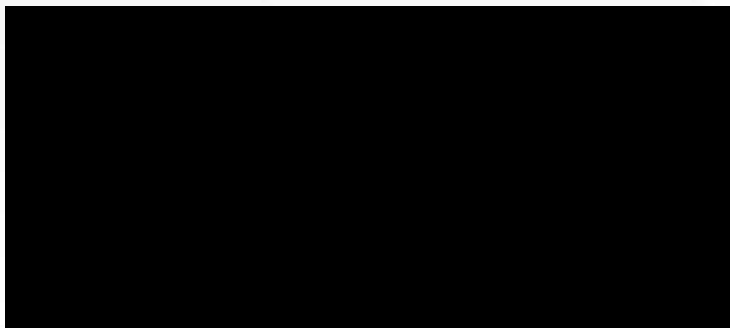
Comparison of Parameters

Brand	Type	Permeate flow rate(gpd)	Stable salt rejection rate(%)	Effective membrane area (ft ²)	Flow channel width(mil)
Aceclean	ALR-100 brackish water	10500	99.7	400	28
Dupont	BW30PRO-400IG	10500	99.5	400	28
Toray	TM720D-400	11000	99.8	400	34
Hydranautics	CPA3-LD	11000	99.7	400	31
Veolia	AG8040F-400	11000	99.5	400	28
Aceclean	AGR-100 anti-fouling	10500	99.7	400	34
Dupont	BW30FR-400/34	11000	99.5	400	34
Toray	TML20D-400	10500	99.8	400	34
Hydranautics	PROC10	10500	99.75	400	34
Veolia	AG8040F-400 FR,34	11000	99.5	400	34

Water Treatment Agent & Specific Consumables



- | RO-specific scale inhibitor Aceclean-220
- | RO-specific cleaning agent (acid) Aceclean-430
- | RO-specific cleaning agent (alkali) Aceclean-440
- | RO-specific non-oxidizing biocide Aceclean-781
- | RO-specific reducing agent Aceclean-400
- | Circulating water-specific corrosion and scale inhibitor Aceclean-415
- | Circulating water-specific slime dispersant Aceclean-560



Major Equipment Products



Disc Filter



Electrical Automc

03



Strategic Partners

Service creates value, cooperation wins trust



Learning / Responsibility / Innovation



COMPLETE: Full process of water treatment

Complete: Full process of water treatment



THANKS