# WELCOME TOJUDO

Commercial and industrial



# JUDO QUALITY MADE IN GERMANY



Product concept, engineering, testing, production and quality control, all made at our facilities in the southwest of Germany. JUDO products comply with the stringent German standards' requirements and are supported by a range of international approvals from North America, across Europe to Australia.

#### Leading technology. There for you, every day.

Water is our most important food. Clean and hygienic drinking water in every tap is the basic requirement to maintain good health and well-being.

Water is, however, more than that: it is our heaters' heat transfer medium and it flows through house installations and air conditioners.

It cools machines, it keeps production processes going and it cleans and disinfects.

Water quality requirements are varied and depend on the application.

JUDO is a solutions provider. Water treatment products and systems, engineered for optimal results. In accordance with the latest relevant standards and guidelines. Geared to the specific requirements of our clients and, most important of all, governed by our own stringent quality standards.

Our daily bread for more than 87 years!



JUDO Winnenden: Administration

JUDO Winnenden: JULIUS DOPSLAFF Campus

JUDO Backnang: Research & Development



Branch office Vienna / Austria

Branch office Basel / Switzerland

close at hand.

Branch office Toronto / Canada

#### Our location. At work and at home.

JUDO's name in water treatment is recognised around the world. We are at home in Winnenden, just outside of Stuttgart. Administration, Project Management and the newly opened JULIUS DOPSLAFF Campus are all located there. R&D, Engineering, Design and Production are located in which is our only production facility, conveniently close, in Backnang-Waldrems.

The JULIUS DOPSLAFF Campus houses our Training Programme, water treatment education courses and our Customer Service Department. We value short paths for development, design and production. Therefore, we manufacture only in our central production site in the nearby Backnang-Waldrems. Production processes, quality control, systems development, all

When it comes to distribution, however, we have a different perspective in view. JUDO has 8 regional branches in Germany and distribution centres and partners in over 50 countries including JUDO branches in Austria, Switzerland, France, Belgium, Netherlands, Luxembourg, Poland, China and Canada.



JULIUS DOPSLAFF Campus – Showroom

JULIUS DOPSLAFF Campus – Training

# WE THINK AHEAD

Water flows, is alive and always in motion, just like JUDO: We have been pioneering water treatment for over 87 years. The success secret of our family-run company: Invest in the future, stay dynamic and explore new paths – and do all of this without losing sight of our Swabian roots!

- **1936:** Engineer JULIUS DOPSLAFF founds the JULIUS DOPSLAFF KG, later JUDO Wasseraufbereitung GmbH.
- **1951:** JUDO produces the "Impfbiene", the world's first precision dosing system.
- **1962:** JUDO brings the world's first sediment protection filter to the market.
- **1975:** JUDO invents the backwash cleaning system, thus re-inventing the sediment protection filter.
- **1983:** Production start for the world's first water softeners with DVGW approval.
- **1985:** Backwash sediment protection filters with the patented Point Rotation Backwash System "PROFI" go into series production.
- **1991:** JUDO introduces the "BIOSTAT" as a unit for alternative lime scale protection into its product range.
- **1993:** JUDO softeners, now in their smallest form, are available for use in dishwashers.
- **1994:** The most efficient water softener of its time, the DX-K from the "BIOQUELL" range is voted best in category, by the Germany consumer guide magazine "Stiftung Warentest".
- **1995:** JUDO introduces patented silver coated sieves to all backwash sediment protection filters.
- **1996:** The introduction of the "QUICKSET-E" the patented pipe connector with the bayonet connection function.
- **1997:** JUDO introduces the "HEIFI-TOP", the first backwash filter for heating systems.
- **2002:** The arrival of the "LONGLIFE range". The backwash sediment protection filter with patented ceramic flush valve.
- **2003:** JUDO develops the "JU-WEL". The first ever unit for the enhancement of water using precious stones.
- **2004:** The 100.000th water softening unit in the "BIOQUELL" range rolls off the production line.
- **2005:** JUDO introduces the "CONTISOFT", the first DVGW approved water softener for flow rates up to 20 m<sup>3</sup>/h with a stagnation-free operating system.
- **2006:** The "ZEWA-WASSERStop" is introduced to the market by JUDO. The first DVGW-approved leakage protection system on the market, offering property protection and water ressources saving.
- **2009:** JUDO develops the first intelligent and fully automatic water softening unit worldwide, the "i-soft".
- 4 JUDO History



The company name comes directly from that of our founder, JULIUS DOPSLAFF. The first 2 letters of his first and family name, JU and DO, form today's JUDO Wasseraufbereitung GmbH.

- **2010:** Water softening in larger volume applications now goes intelligent with the introduction of the "i-soft@home" for flow rates up to 20 m<sup>3</sup>/h.
- **2011:** JUDO "QUICK CONNECTION" is a world first in installation comfort, allowing a filter to be completely mounted using just one screw. The introduction of the "i-balance" brings alternative limescale protection into the intelligent operation family.
- 2013: The JUDO "i-soft plus" softening and "i-dos" dosing systems set new operating standards with fully automatic operation and with control via smartphone. JUDO's "HEIFI-REPURE", "HEIFI-RESOFT" and "HEIFI-FÜL PLUS" now turn the filling of heating systems, to today's stringent quality standards, into an easy matter.
- **2014:** JUDO receives the PLUS X award in sanitary installations category as the year's most innovative brand.
- **2015:** The JUDO "i-fill" series goes into production. The intelligent device makes heating system filling especially easy, comfortable and safe. Another new development, the "ZEWA PLUS", offers leakage protection for entire building applications.
- **2016:** The JULIUS DOPSLAFF Campus opens its doors. JUDO seminars and training sessions are held there in a forward-looking environment and with the latest media technology.
- **2017:** JUDO presents "QUICKSOFT", the new addition to the water softening range. Furthermore, the new "HEIFI filling system SOFT/PURE", a new combi unit, is introduced to the heating water treatment line.
- **2018:** JUDO "i-soft@home" goes interactive. Introduction of new heating filling systems "i-fill", "i-fill plus" and "i-fill GT".
- **2019:** Water softeners in the "i-soft" range now available with voice-contol via Alexa as well as via "JU-control app". JUDO receives 'Germany's leader in innovation' award.
- 2020: JUDO introduces the complete Bioquell®-HOME range
- **2021:** Bioquell<sup>®</sup>-PURE represents the home solution specially for easy use and peace of mind. Easiliy installed it offers a reliable supply of clean. clear and odourless drinking water.
- **2022:** JUDO develops the PIPE CARE SYSTEM. Innovation with micro-leakage detection.
- **2023:** With the expansion of the i-soft series to include the new i-soft PRO and i-soft K water softeners, JUDO also presents two particularly space-saving, floor-standing and flexibly installable variants. The new floor-standing SOFTwell KP water softener is very well suited for confined spaces and optimally completes the series.

# **QUALITY MADE IN GERMANY**

and internationally approved!

CE

The CE sign demonstrates that a product complies with the requirements established in directive 765/2008 of the harmonized regulations law within the community. CE was created to guarantee end user access to safe products within the 30 signatory states of the Common European Economic Area.



ACS stands for "attestation of sanitary conformity" and is the standard used by the French authorities for materials and equipment in direct contact with drinking water. The ACS symbol is an assurance of the highest standards in performance conformity.



The CSA, Canadian Standards Association, is an independent NPO with offices in 14 countries developing and controlling over 3000 norms governing safety, design and performance in the water industry. CSA is recognized as an equivalent standard by such renowned organizations as UL in the USA.



PZH is an institute certifying that products pose no danger to health or the environment when used in accordance with manufacturer's instructions. The PZH hygiene certificate is very important in the water treatment industry.



The Swiss Water and Gas Association tests and certifies products ensuring they are in line with the highest current levels of quality, safety and technical suitability for use in gas and water installations.



The Plus X award is the world's largest award for innovation in technology, sports and lifestyle chosen by a jury consisting of 25 branches of the economy, with 23 competent partners and a total marketing investment volume of over 25 million Euros.



Quality management standard ISO 9001 is one of the most widely accepted quality management approvals both on a national and international level. Our ISO 9001 certification goes to prove how seriously we take our high levels of quality management, and keep developing them further.



The last word in German approvals for the gas and water industries, the DVGW has been setting and controlling the highest levels of product efficiency, health and safety standards that the German market has enjoyed for over 150 years, and is globally accepted as one of the highest standards.



WaterMark is the certificate of approval for products used with drinking water in Australia and New Zealand. Confirms a product meets ABCB requirements and that its use is therefore permitted. The Australian Building Codes Board (ABCB) is the regulatory institute responsible for the development and care of regulations for building and sanitary installation.



The BELGAQUA certificate from the Belgian Association of the water industry is awarded to products and materials that meet the requirements for contact with drinking water.



The EAC is a certification of conformity for countries in the Eurasian Economic Union. These include Russia, Belarus, Kazakhstan, Kyrgyzstan and Armenia.



Required for all foreign manufacturers of residential water treatment units, China's MOH certificate is awarded by the Ministry of Health and is considered one of the most demanding when it comes to meeting qualification and product testing standards.



The ZVSHK quality rating offers safety and orientation to the plumbing trade, The ZVSHK rewards Manufacturers with the "Certified Manufacturer – quality, security and service" mark for their manufacturing processes and high standards in product quality and scope of customer service as well as investment in R&D, thus supporting the expansion of the industry as a whole.



The iF design awards are counted amongst the most important in the world of international design. The iF logo awarded to the contest winner is accepted world wide as an indicator for excellence in design and is highly regarded by designers everywhere.

### DEAR PARTNERS,

For the past 87 years, JUDO has proven itself as a leader in the field of water treatment manufacturing. Internationally active, the company thrives on creating new and innovative solutions for the responsible use of the valuable water resources in both domestic and commercial applications.

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#### Made in Germany. At home across the globe.

Our distinctive mark is the orange line that runs through our whole product range from initial product conception to ease of maintenance. It is our insistence on the highest quality standards that is shaping our future. For this reason, all of our products are manufactured in our own plant in Germany. Our distribution network is, however, much more diverse. JUDO has 8 regional offices in Germany alone, as well as sales offices abroad and, through our distribution partner network, JUDO products are at home in over 50 countries.

#### Certified and tested quality

Wherever drinking water systems are being discussed, we are immediately talking about safety, hygiene, and quality of life. And we understand that this is especially true for the sanitary trade. It is the specialist who has the skills and experience required to install, commission and maintain the JUDO product line; for this reason, our distribution network is oriented to professionals' needs.

Quality, innovation and service. These are the keystones our professional and distribution partners will continue to demand and receive from us in the future. In this catalogue, you will find the products that guarantee this promise.

Here's to the next stage in our cooperation!

llomlaff

Hartmut J. Dopslaff CEO

Kathrin Reggi-Dopslaff CEO



ALL STREET













#### **FOOD & BEVERAGE INDUSTRY**

**OIL & GAS INDUSTRY** 













#### PULP & PAPER INDUSTRY

HEALTH CARE & HOSPITALS





dimin



#### 1. Design & Projecting

Industrial Water Treatment plants have initially design regulations. JUDO Water Treatment, with over 87 years' experience in water treatment sector can provide its customers full competence design and projecting service with specialized engineering team behind. From design and proposal phase until as-built executing works you can fully trust competencies of JUDO Water Treatment.

#### 2. Manufacturing

JUDO Water Treatment, with its head office in Winnenden, Germany has two manufacturing factories. One of them is in Winnenden and the other one is in Backnang including Research&Development department. In Backnang, JUDO can produce all treatment components as serial production.

#### 3. Technical Support & Consulting

JUDO Water Treatment has across Germany about 100 customer service technicians. Anywhere the industrial water treatment plant installed, experienced and specialized technician team can provide our customers with full competency technical service. Indeed, our experienced engineering team is ready to consult our customers, in case of any troubleshoot.

TECHNICAL			
SUPPORT & CONSULTING			
TECHNICAL	R		
MAINTENACE			

#### 4. Technical Maintenance

Our competent technician team can provide worldwide technical maintenance service. JUDO provides its customers in every commercial proposal an additional technical service proposal. In case of signing a technical service contract with our customers, we are ready to serve with our team.

### 5. Commissioning & Start-up

Industrial Water Treatment plants require a specialized start-up phase. For sake of a sustainable and reliable operation of these plants, an accurate commissioning is always important. JUDO is aware of this phase and can assign technicians and supervisors from its team for start-up of any water treatment plant, worldwide.



## JUDO FILTRATION

One of the most widely used processes in water treatment is filtration. Most water resources are not suitable for use in drinking or process water applications in their natural state. There are a range of filtration methods that can be applied to address this problem:

Depending on the type of filtration used, water of a potable or process quality can be obtained from surface water with high dirt loads, well water with high pollution levels, brackish water and even sea water.

Systems made up of stages including flocculation, sedimentation, filtration and the latest in ion echange and membrane technologies, depending on the application at hand are put together at JUDO to provide an individual solution for a specific project.

A system's efficiency depends on its flow and the stages in which treatment takes place.

For example first iron and manganese removal followed by stages removing colour and acidity. This final stage, for example, can be achieved with the aid of activated carbon systems to clear and help balance the water.









Lake Victoria Tansania, JUDO containerized surface water filtration system.





JEF 140 K-A, automatic valve controlled sand filter.



### JUDO BACKWASH PROTECTIVE FILTER

JUDO backwash protective filters are fitted with stainless steel mesh screens which retain particles swept in with the incoming water supply. The standard filter rating on JUDO units is 0.1 mm with optional sizes between 0.03 and 0.5 mm also available depending on application.

The JUDO PROFI range of backwash protective filters comes in sizes ranging from <sup>3</sup>/<sub>4</sub>" to 8" (DN 200) and is fitted with a long-life screen which does not have to be removed for cleaning. Dirt build up on the screen surface can be monitored through the generous viewing glass and backwash is started by turning a hand wheel on the unit to open a flush valve. Hollow arms then rotate up and down across the screen surface vacuuming the dirt off and flushing it out of the system without interruption to the water flow through the filter. The units are engineered to ensure a quick clean up with low water consumption.

JUDO JRSF backwash protective filters are sized from 1" to 8" and are fitted with 2 filtration areas each containing a long-life stainless steel filter screen which holds back particles swept in with the water supply. Cleaning is done by reverse flow through each screen individually lifting dirt off the screen and flushing it out whilst leaving the second screen free to continue filtering. JUDO protective backwash filters are installed to combat the effects of corrosion, excessive water consumption, and damage to controls and appliances caused be sediment influx and, as such are a valuable protective measure in the home, as they are to commerce and industry. In several countries, the use of this type of filter is already anchored in the plumbing code.

All units available in manual and automatic backwash versions.

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Manuel backwash protective filter PROFI-QC 2½"

Manuel backwash protective filter JRSF 1"



### JUDO WATER COMPACT UNIT

The lamella clarifiers are used to filtrate high turbid waters like river water. They are mainly applied for pre-treatment in water treatment systems.

Suspended solid particles that settle in a given time, can be separated easily with lamella clarifiers. Those suspended solids are usually solids larger than 50  $\mu$ m in diameter. For smaller particles and more turbid substances, flocculant chemicals are applied in order to create settleable flocs.

The lamella separators are working without pressure. The untreated water is pumped or flows by gravity into the inlet channel of the lamella clarifier where it flows downwards. Treated/Clarified water flows upwards through a special overflow weir to outlet. Solid particles settle down along the lamella and collected in sludge funnel. To remove out the sludge a scraper can be added in the funnel. Regarding to the continuity of process steps, sludge is removed.

The clarified water flows further upwards and via a special overflow weir to the outlet. The solids slide down along the lamella and accumulate in the sludge funnel. In order to keep the sludge flowable it is possible to add a scraper in the area of the funnel tip. Depending on the subsequent process steps the sludge is continuously or discontinuously removed.

#### Benefits:

- Compact design and lower footprint
- Easier sludge removal by the help of oblique plate design
- Easier maintenance
- Low Energy Consumption



Lamella Clarifier – JLC 25



# JUDO ULTRAFILTRATION

Ultrafiltration is a membrane process with pore filters with a cut point of 0.1 to  $0.01 \,\mu\text{m}$ . Turbidity and suspended solids (also bacterias) are filtrated by the pores. Plant technology uses the existing supply pressure. The water to be purified is completely passed through the membrane (dead-end filtration), suspended solids attach to the membrane. The transmembrane pressure increases as long as the backwash is triggered with filtrate and the membranes are cleansed again.

For more effective cleaning, the backwash is supported by chemicals (CEB = Chemical Enhanced Backwash). The result is a permanently defined water quality with a filtrate yield of 90 - 95%.

Areas of application

- Surface water
- Drinking water
- Decontamination
- Any kind of high turbid water

Depending on the dirt load in the raw water, pre-treatment might be required before ultrafiltration. Therefore Judo recommends highly experimental testing with an especially designed pilot unit before planning a major project. The final installation is then planned on the basis of verified insights from the pilot phase. Judo provides turnkey Ultrafiltration systems. Our water treatment experts can consult you and help with the projecting phase of your plant.











### JUDO SOFTENING

Hardness levels in raw water vary greatly, depending on location. Softening systems are used in areas where the water hardness level, and the scaling it causes, is a problem and full or partial softening is required.

Softening is achieved using the ion exchange principle, this involves replacing calcium and magnesium ions dissolved in the water with sodium ions. The salt level in the water is not effected. The JUDO i-soft TGA range of softening systems starts basically with a single DIN-DVGW approved unit, which can then be extended into a battery of serveral individual units as per the project requirement. The first, and to date only, fully automatic softeners also available for large water volumes, which automatically adapts the ratio of hard and soft water where incoming hardness levels fluctuate. The stagnation-

free operation, automatic regenerations and disinfection systems all underscore the high levels of system's hygiene.

JUDO JM DX serie softening systems are designed for larger volumes. They are working with individual valve system. Their regeneration systems are designed with counterflow direction, which makes their salt consumption lower compared to conventional systems. These softeners can be adapted to easily PLC software units or either can be controlled with microprocessor systems.



Building technology-softening system i-soft 15 TGA









Triplex softening system – JM DX 2000 T



Single softening system – JM DX 3000 E



Tandem softening system - JM DX 3000 D



# JUDO REVERSE OSMOSIS

The reverse osmosis process (RO) is a tried and tested method of removing dissolved salts from a water in an environment friendly and rational way. Desalination is a purely physical process limiting the use of chemicals in the system to any pre- or post-treatment stages required. Salt removal occurs through a semi-permeable membrane which retains not only the salts in solution but also organic matter. The pure water thus obtained is constantly available and any waste water created can be safely fed to drain.

JUDO reverse osmosis systems with modern, energy-saving low-pressure membranes are compact units ready for connection, which are used for the continual, environmentally friendly production of desalinated water.

A well-known principle found in nature, "natural osmosis", is reversed in this process, in order to separate out the salts and other materials dissolved in the water by means of corresponding pressure and semi-permeable membranes. The water quality that can be achieved in this way now allows conventional desalination systems, using acid and caustic soda on ion-exchanger principle, to be largely dispensed with. JUDO reverse osmosis systems with stepped permeation can also achieve residual conductivities of below 10 to 5  $\mu$ S/cm. JUDO reverse osmosis systems are in successful use in steam boilers, cooling and air-conditioning technology, glass-dishwashing machines, laboratories and for process water – in short, everywhere where special demands are placed on the water quality, improving the efficiency of existing systems. Computer-assisted design by our experts ensures the optimum co-ordination of pump pressure, membrane area, residual conductivity and system yield.





Reverse osmosis JOS 380 G-D



Reverse osmosis plant for the cooling-systems of a data center



Two identical reverse osmosis plants JOS 145 G-D



# JUDO ULTRAPURE WATER

There are several application areas in which the use of ultrapure water is necessary. A very important area is the medical industry. But the high-quality water is also required in medical research, in the manufacture of computer chips and in the manufacture of integrated circuits. Another important area of application is steam generation, for example in steam power plants as feed water for the boilers.

Ultrapure water is also widely used in the semiconductor industry or in the pharmaceutical industry. A skilled working method is required in production in order to be able to meet the increasingly strict requirements in the field of the semiconductor industry.

When producing ultrapure water, it is important that the molecules are in equilibrium according to the specification and that the electrical conductivity does not exceed 0.054  $\mu$ S /cm (microsiemens per centimeter) at a temperature of 25 degrees Celsius.



Semiconductor industry





### JUDO ELECTRODEIONISATION

Pure water or ultrapure water terms are part of several special industrial areas for production phases. For instance, laboratories, hospitals, medical sector, cooling towers, semi-conductor industry or even fertilizer factories may require pure or ultrapure water.

Based on this requirement, today in water treatment industry we have an actual technology; Electrodeinosation. This technical method is a process of continuous demineralization of reverse osmosis permeate water. It consists of an EDI Module. This module includes several chambers which are splitted by ion-selective membranes. This chambers are filled with ion exchange resin and located between two DC voltage electrodes.

Advantages of this process is continous operation without addition of any chemical. In addition, EDI systems have a very small footprint. Drainage/concentrate of EDI can be recirculated within the system, therefore it doesn't require any neutralisation.



Electrodeionisation system - Contipure 1500





### JUDO SEAWATER DESALINATION

JUDO supplied two modern and tailor made skid mounted sea water desalination units (capacity 120 and 500 m<sup>3</sup> per day) to the community of Ithaca, Greece. A partnership built on exchange of knowledge and mutual trust.

JUDO desalination systems or in other words. sea water reverse osmosis systems with modern, energy-saving low-pressure membranes are compact units ready for connection, which are used for the continuous, environmentally friendly production of desalinated



Seawater desalination plant installed in containers at the site of Vathy (Ithaca)

water. The water quality that can be achieved in this way now allows conventional desalination systems to produce potable/ drinking water from sea water. Most of our SWRO product range can be also produced in containerized form.



High pressure pump with RO membrane stack at the site of Kioni





MAROS Sea Water reverse osmosis systems

#### Benefits of MAROS SWRO Systems

- Skid-mounted systems
- Quick start-up/commissioning
- Small footprint due to its high technology membrane vessels, compared to conventional membrane vessels
- Chemical pre-treatment for a longer RO Membrane life
- High pressure pump with variable frequency driver
- $\checkmark$  Energy recovery device; which reduces operational costs significantly
- $\checkmark$  JUDO Process Controller with touch screen panel for easy operation

### Comparison of Power Consumption for MAROS SWRO Systems with conventional SWRO Systems





### JUDO REFERENCES WATER-WORKS

#### Renewal of the existing water treatment unit

The capacity of the water treatment unit varies between 80 and 320 m³/hour.

#### **Procedual steps**

Step 1 is oxidation by means of oxygen transfer: for the oxidation of dissolved iron, and for the oxigenation of the water.

Step 2 is oxidation by means of potassium permanganate dosage; for the oxidation of the dissolved manganese, and for the development of a manganese dioxide layer.

Step 3 is a multi-media-filtration: for the filtration of undissolved impurities, duplex parallel multi-media filtration plant. Each with three filter units, diameter 2.200 mm.

Step 4 is disinfection: dosing of sodium hypochlorite solution for the prophylactic disinfection.



Water-works, Wrzesnia (Poland)



Filter vessels and filter connection



Filter vessels



Filter vessels and high pressure pumps



Filter base



Control board



### JUDO REFERENCES COAL-MINE

The plant is a customized solution, developed for a coal mine in Kattowice (Poland). Conception, planning, installation, and service – all from a single source – JUDO.

In this specific application more than 3.000 m<sup>3</sup> per day (800.000 gpd) of strongly polluted mine water is pumped from a maximum depth of 1.100 feet and then it is processed in a multistage water treatment plant.

The treatment process starts with aeration, flocculation, and sedimentation followed by filtration, adsorption and desalination of polluted water. JUDO combines traditional processes and state of the art water treatment technology to manufacture customized solutions that most often exceeds the expectations of our customers. The described plant in Kattowice produces 1.500 m<sup>3</sup> (400.000 gpd) potable water and 1.500 m<sup>3</sup> (400.000 gpd) demineralized process water per day.

Particular attention is paid to environmental and ecological concerns to ensure minimal usage of chemicals and maximum water recovery.

The total water capacity produced by this plant would be enough to satisfy the drinking water need of a European city with a population of approximately 30.000 people.



Oxidation and flocculation



Customized plant in over view and filter connection







Flocculation and sedimentation

Desalination by reverse-osmosis



Filtration and adsorption system



Castle Bensberg, Germany



Expo Leipzig, Germany



Bayer AG, Leverkusen, Germany



AKMERKEZ Istanbul, Turkey JPF ATP 100 and JPF ATP 125 Backwash Protective Filter



Wrzesnia, Poland Iron and Manganese Removal System



Sheraton Hotel Jeddah, Saudi-Arabia



Niagara Falls view Casino Resort JPF ATP 100 – Backwash Protective Filter



City of Dreams, Macao JPF ATP 150 and JPF ATP 200 – Backwash Protective Filter



Ford Werk, Cologne Germany



Chicago



Toronto, Canada



Seawater desalination plant, Kioni Ithaca, Greece

#### JUDO WATER TREATMENT. A NAME YOU CAN TRUST. SINCE 1936.

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