

PRODUCT CATALOGUE Water treatment

# About Us

HIKAM JAYA ABADI is **National growing up company with more than 7 years of experience** in water treatment industries. With an **experienced team of sales**, environmental, chemical, mechanical and electrical engineer we are able to provide wide variety of solution for industries that required a specific water quality.

**Our wide range of technologies and extended know-how in all water-related sectors** guarantees our clients a water treatment & filtration solution for all types of applications that is cost-efficient and that will meet their company's water quality requirements.

In our dedicated technical sales department, we support our clients with class A service by **delivering worldwide all water treatment components, spare parts and consumables from all main manufacturers**. During the last years, our team served directly or through its partners' network **more than 25 Province in Indonesia**, positioning Hikam Abadi as an National reference for water purification.

### Where we are

-Please Scan For Google Maps-



PT Hikam Jaya Abadi



# Why Partner With Us

#### KNOWLEDGE AND EXPERTISE

- We have more than 7 years of experience in the water treatment industry.
- We have a wide portfolio of water treatment solutions.
- We develop systems for all types of applications and industries.

#### ONE STOP SHOP

- We provide all water treatment components, consumables and spare parts.
- We represent more than 100 brands.
- We provide a wide range of competitive alternative options for pricing, availability and shipment to meet your business' priorities.
- We can provide global logistic support.

#### COMPREHENSIVE WEBSITE

Our website provides extensive technical information on water, water treatment, air and air purification.

#### WORLDWIDE DISTRIBUTION

- We are currently serving more than 400 company.
- We have partnership agreements with manufacturers and distributors in different regions.

#### TECHNICAL SUPPORT

We can assist in the selection & sizing of products, and provide advising & assistance with troubleshooting.

## Who we serve



Manufacture



**Power Plant** 



Oil & Gas



F & B Industry



## What we do



# RESEARCH & DEVELOPMENT R & D TEAM

- > Specialty
- Applications
- > Lab Trials
- > Pilot Trials
- > Plant Optimization
- > Troubleshooting



# TECHNICAL SERVICES SPECIALIZED TECHNICAL TEAM

- Maintenance Contract
- > Troubleshooting
- > Chemical Cleaning
- > Replacement of Consumable
- > Replacement Spare Part
- > Remote Monitoring



# WATER TREATMENT SYSTEMS ENGINEERING TEAM

- Design
- Engineering
- Automation
- Manufacturing
- > Installation
- Commissioning
- > Training



# WATER TREATMENT PRODUCT TECHNICAL SALES TEAM

- Equipment
- Spare Parts
- Consumables
- > Standard System
- > Technical Support
- > Global Logistic Support







**Tourism** 

Petro Chemical

Pharmacy

Agriculture

## PRODUCT OVERVIEW





# **PUMPS**



# FILTER & HOUSING







# **MEMBRANE**











# **ION EXCHANGE RESIN**













# **PRESSURE VESSEL & TANKS**

## **EDI MODULES**















## **ULTRAFILTRATION MODULE**

# **VALVE & COUPLING**









# **POWER & CONTROL**

# **MULTIMEDIA & ADSORBENTS**









## CHEMICAL











## **PUMP**

HIKAM JAYA ABADI can offer a broad range of pumps for any type of flow and application: surface water, groundwater, seawater, tap water and wastewater. Whether you are looking to treat seawater or to produce ultrapure water, our technical sales team can assist you in the selection and sizing of pumps and advise you with a highly reliable pump solution that meets your system feed requirements



#### PRODUCT TYPE

- High Pressure Pump
- Low Pressure Pump
- Dosing Pump

### **BRANDS WE SUPPLY**







GRUNDFOS X \*PULSAFEEDER







## FILTER & FILTER HOSING

HIKAM JAYA ABADI can provide any replacement for cartridge and bag filters for a variety of industries such as Oil & Gas, Food & Beverage, Pharmaceutical and more. We provide the full range of filtration products and we can also provide you complete filtration systems for pure water purification methods. To meet the restocking needs of our customers we can offer competitive supply agreements and if an express delivery is required, our team can offer an express shipment service at a convenient rate.

#### PRODUCT TYPE

- Catridge Filter
- Catridge Filter Housing
- Strainers
- Self-Cleaning Filters
- Filter Bags



















## MEMBRANE RO

HIKAM JAYA ABADI can provide you Reverse Osmosis (RO) and Nano-filtration (NF) elements, from 1.8" to 8" diameter, for any type of water source (brackish water, sea water, tap water) and for a variety of industrial applications, municipal desalination, water re-use and residential drinking water devices. Our technical sales team can provide you the required technical support to identify the best membrane solution for each application.

#### PRODUCT TYPE

- High/Low Brackish Water
- High/Low Sea Water













## ION EXCHANGE RESIN

Ion exchange is used in water treatment for a variety of water treatment applications, including demineralization, ultrapure water and nuclear applications. Thanks to our direct collaboration with the major global producers, Hikam Abadi can provide you not only competitive alternatives for pricing and availability but also all the necessary technical support to identify the best product for any application.



#### PRODUCT TYPE

- Weak / Strong Anion Resins
- Weak / Strong Cation Resins
- Mixed Bed Resins
- Chelating Resins





## PRESSURE VESSELS & TANKS

Vessels are used to provide environmental protection for water treatment components, such as reverse osmosis and nanofiltration membranes in RO systems. Thanks to our network of suppliers, Hikam Abadi can offer a great variety of pressure vessels and tanks with new type composite materials and advanced technology. You can request assistance to our technical sales team for the replacement of pressure vessels, selection of ports and membrane module connectors. We can also help you tailor a vessel that meets your water treatment needs.

> The FRP pressure vessels are available with 4 inch and 8 inch diameters. The membrane housings are available for operating pressures of 150 psi, 300 psi, 450 psi, 600 psi, 1000 psi & 1200 psi, and compliant with ASME Sec X, NSF, and CE.

#### PRODUCT TYPE

 Pressure Vessel Units and Spare Part







## EDI MODULES

EDI technology removes residual salts and ionizable aqueous species - such as carbon dioxide, silica, ammonia and boron - from your water sources. The EDI systems operate chemical-free, achieve 97% water recovery, and consume only electricity. The continuous production of ultrapure water can have applications in fields such as power plants, semiconductor, microelectronics, food & beverage, and the pharmaceutical industry. You can consult our engineering team for more information on this technology and to select the EDI module that best meets your needs.

#### PRODUCT TYPE

• EDI Modules





## ULTRAFILTRATION MODULES

Ultrafiltration technology is used for the separation of suspended solids, colloids, bacteria and viruses. It is used as pre-treatment for several processes such as reverse osmosis, ion exchange and EDI. It is particularly suited for surface water applications and challenging water in terms of suspended solids concentration. The UF technology is used in MBR modules and in both wastewater treatment and membrane filtration. You can consult our sales for more information on the advantages of using ultrafiltration technology.

#### PRODUCT TYPE

Ultrafiltration Membrane







## **VALVE & COUPLING**

Hikam Jaya Abadi can provide a broad range of couplings, valves and fittings that are designed to make the installation and connection of your Reverse Osmosis and Ultrafiltration systems fast and easy. Thanks to our network of suppliers we can offer you products that are made to facilitate the maintenance and replacement of equipment, and couplings that come in a variety of styles, with any type of gasket to suit your needs



- Couplings
- Valves
- Fittings







## POWER & CONTROL

As water treatment technologies evolve, robust and adaptable systems are needed and Hikam Abadi can offer multiple alternatives for measurement devices and Power. Our technical team can guide you in the selection of the best equipment for each application.



#### PRODUCT TYPE

- DO Meter
- PH Meter
- Turbidity Meter
- Manifold
- Pressure Transmitter
- Differential Pressure Transmitter
- Power Cable
- Control Cable
- MCCB
- MCB











## MULTIMEDIA & ADSORBENT

*lacobi* 

Hikam Jaya Abadi has a diverse portfolio of filter media and adsorbents for your multimedia filters (MMF), ranging from anthracite, sand, gravel, activated carbon to special media for remineralization such as calcite or specialty adsorbents, (for example arsenic removal). Consult our technical sales team if you need assistance to select the most efficient media for your filtration system.

#### PRODUCT TYPE

- Active Carbon
- Sand & Gravel
- Antrachite
- Garnet
- Arsenic Adsorbent













### **CHEMICALS**

Hikam Jaya Abadi offers a large range of applications, from pre-treatment to post-treatment processes. We can design chemical dosing systems and advise the right product for any water application. Our engineering team is able to support and provide your business with the adequate equipment and advise you on the right product, based on more than 7 years of experience we have in the chemical field.

#### **GENERAL CHEMICAL**

- Industrial Salt
- Solvent 96 & 70
- Solvent Foodgrade
- Alumunium Chloro Hydrate (ACH) Calcium Hypochorite
- Alumunium Sulfate
- Ammonia
- Aquadest
- Hidrochloric Acid
- Natrium Hidrokside
- Sodium Hypochloride
- Hydrazine Hydrate 35 & 80 %

- Hidrogen Perokside
- Hydrofloric Acid
- Poly Alum Chloride
- Carbohydrazide
- Ferric Chloride
- Sulfuric Acid
- Citric Acid
- Nitric Acid
- Calcium Carbonat
- Methanol

#### **RO MEMBRANE TREATEMENT**

- RO Antiscale
- RO Biocide Non-Oxidizing (Free Chlorine + Foodgrade)
- RO Biocide Oxidizing
- Phospate
- Ammoniak + Water
- PH Adjuster
- PH Regulator
- Reducing Agent (Sodium Metabisulfite)
- RO Bio Control
- RO Cleaner (Low Ph/ Alkali)
- RO Cleaner (Hi Ph/Acid)
- Scale Inhibitor

#### **BOILER TREATMENT**

- Alkalinity Booster
- Amine
- Biocide
- Condensate Treatment
- Corrotion Inhibitor
- Oxygen Scavenger
- Scale Inhibitor

#### **COOLING TREATMENT** (Closed / Open System)

### Corrotion Inhibitor

- Scale Inhibitor
- Non-Oxidizing Biocide
- Oxidizing Biocide
- Antiscalant
- Algae & Fungi Inhibitor

















## REAGENT & LABORATORIES

Hikam Jaya Abadi offers chemicals for applications in laboratories and industry. Biosciences, biopharma, food, cosmetics, LCDs, pharmaceuticals, printing, plastics and other company.

We are a leading supplier to the global Life Science industry: solutions and services for research, development and production of biotechnology and pharmaceutical drug therapies.



#### PRODUCT TYPE

- 3M Petri Film
- Reagent
- Analytical Balance
- Erlenmayer Flask
- Benchtop Meter
- Fume Hood
- And others













## **OUR VALUED COSTUMER**

The following are just few of PT. HIKAM JAYA ABADI regular costumer. We yearn to satisfy our client and help them bring the best out of the their production process. We help our client make significant and lifelong improvement to their performance and achieve their most important goals. With many years of experience, we've create lasting relationship with our client. Our success is our client's success.

























































-Please Visit Our Websites-



--One stop shopping solution for your water treatment needs--



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