

# AQUA INC.



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ETP ,STP And WWTP Plant Equipment & Accessories.  
Reliable Products, Trustworthy Designs, Hassle-Free Systems



# Company Presentation

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# About Our Company



## A Brief Story About The Company

Established in 2014 with sole purpose of in-house manufacturing mentality, AIRFIN was established under AQUA INC with an aim to provide the most quality oriented diffusers and waste water treatment solutions possible. This led to a group of technocrats and masters in their fields to join up and come up with ideas and products based on technical and statistical approaches.



# Vision

Our Vision is to boost the company to one of leaders in pumping industries. Without losing our focus on Quality and Reliability in our products all the while bringing technological innovations in the pumping industries for generations to come.

# Mission

01 Redefine Quality,  
With numerous small time Supply of ETP Equipment popping up all across India with inferior product understanding. AQUA INC aims to set a standard of quality.

03 We emphasize quality, No, we obsess over it. There's no reason to keep sending service support when you can design a product that wont fail.

02 Redefine Reliability,  
Customers have disregarded purchasing reliable components for the sake of budgets, Leading to repeated replacements in parts. AQUA INC aims to provide affordable solutions.

04 We emphasize reliability by designing quality components, manufacturing products within absolute tolerances.



# Our USP

## Our Philosophy

We at AQUA INC believe that quality should rule the market and our products and testimonials have proved its mettle in this segment. We aren't just Supplier we are consultants, material engineers and design specialists. Possessing tools and software that not even the most well established consultants may not have.

### The Design

Our products are designed with accuracy, simulated for performance and trialed in compatibility with ISO standards .

### The Equipments

We possess the Industrial best when it comes to equipment, Heavy duty extrusion machines and Material testing Machines play a huge role in pristine quality that you receive.

### The People

With a staff of 50+ People, and state of the art testing facilities, We at AIRFIN are equipped to handle projects and development at an unprecedented scale.



# Our Services



## Not just a Supplier

We pride ourselves in being able to suggest and select ETP Equipment in accordance to what a customer requires, we help them select the correct Size for their application.



## Innovative Products and Consultation

Uphold the spirit of innovation and creativity in shaping a solution that can be accepted by the wider community.



## SEM Implementation

the solutions offered are based on data and analysis that are very precise and focus on the problem.

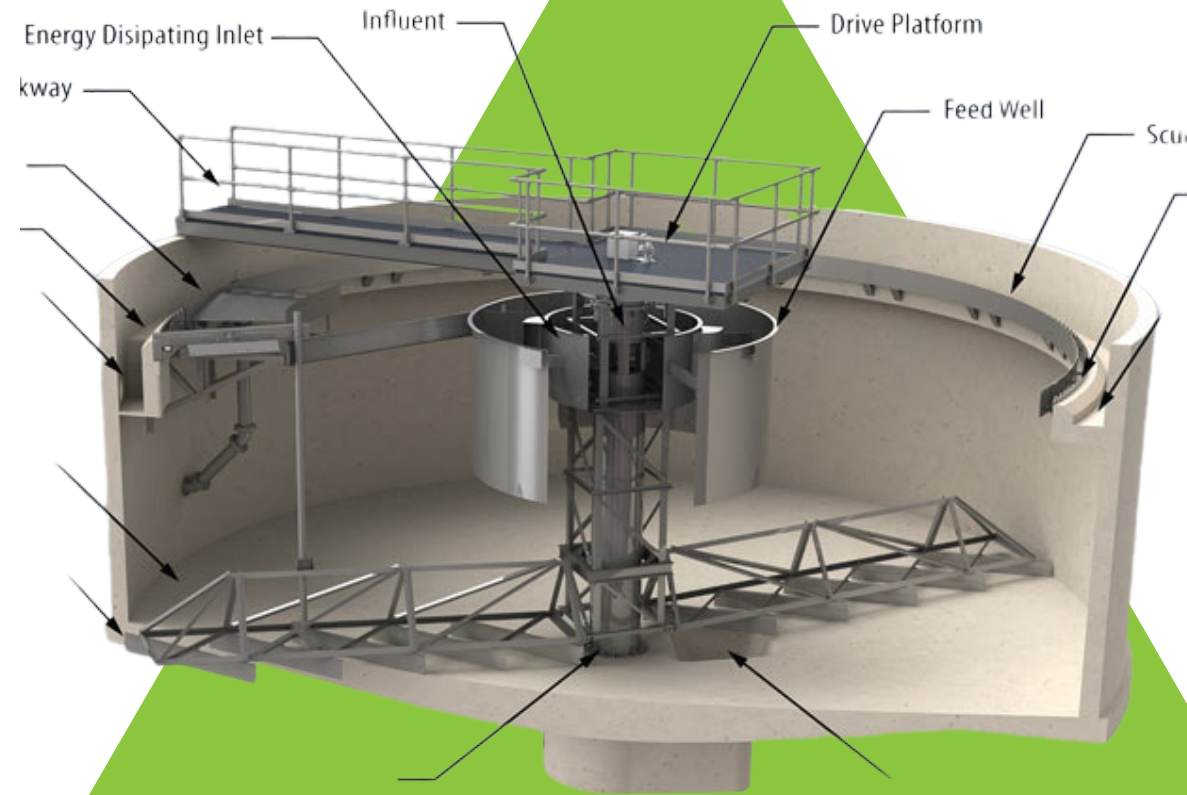


## Decrease Industry GAP

Designing a ETP, STP & WWTP System need not be complicated or Time intensive, We have worked hard to create a simple and straight forward ETP / STP configuration and design process.





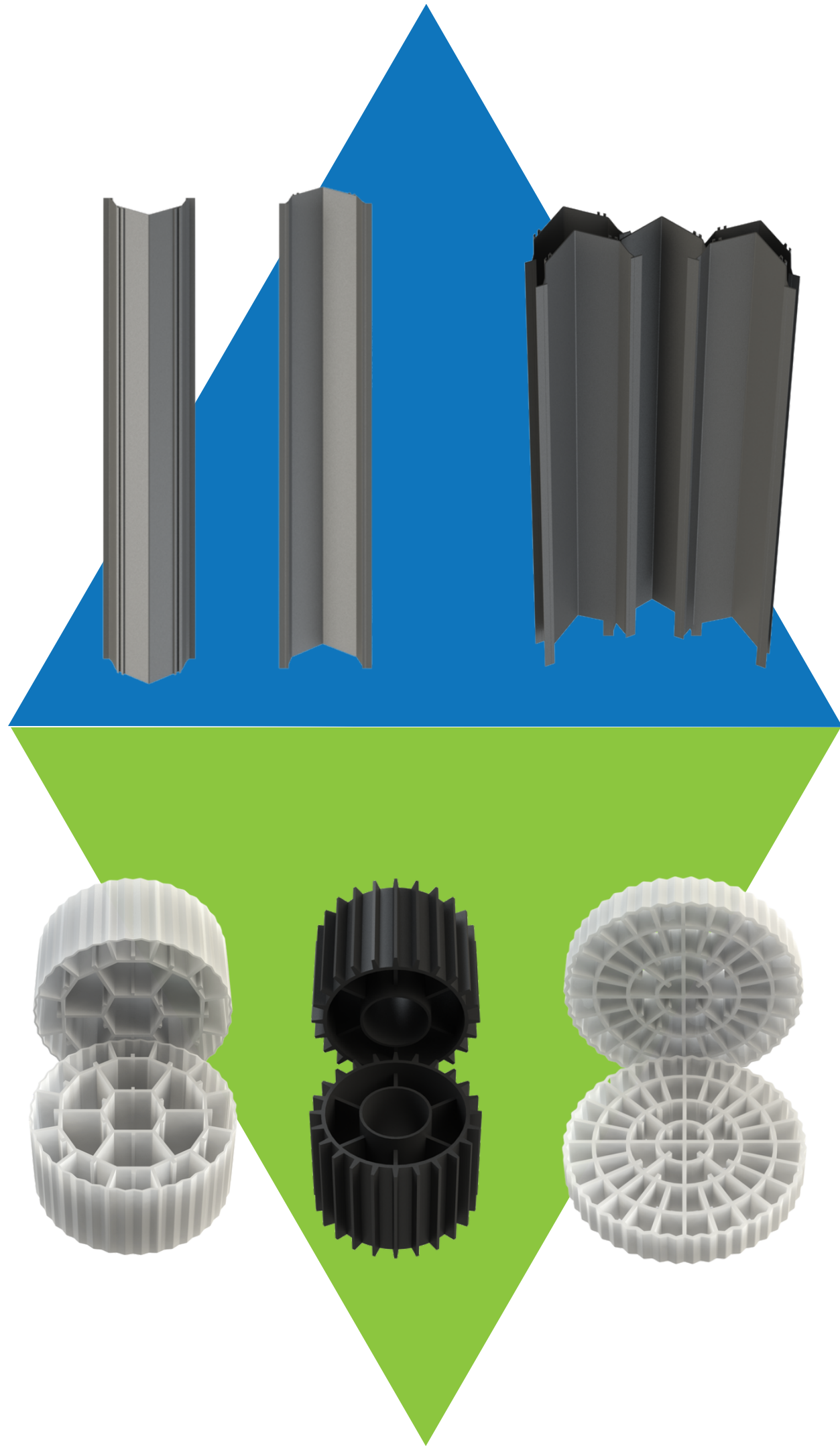


## Clarifier Mechanism For ETP Plant

A clarifier is a mechanism used in an Effluent Treatment Plant (ETP) to separate solid particles from wastewater. The wastewater enters the clarifier, and the solids settle to the bottom while the clear water rises to the top. The settled solids are then removed and disposed of properly, while the clean water is sent for further treatment or released into the environment. This process helps to reduce the amount of pollutants in the wastewater before it is discharged.

## Sand Filter And Carbon Filter

Sand filters are used to remove larger particles and debris from water by passing it through a bed of sand. Carbon filters, on the other hand, are used to remove chemicals, odors, and other impurities from water by absorbing them onto activated carbon. Both types of filters are commonly used in water treatment and purification systems.



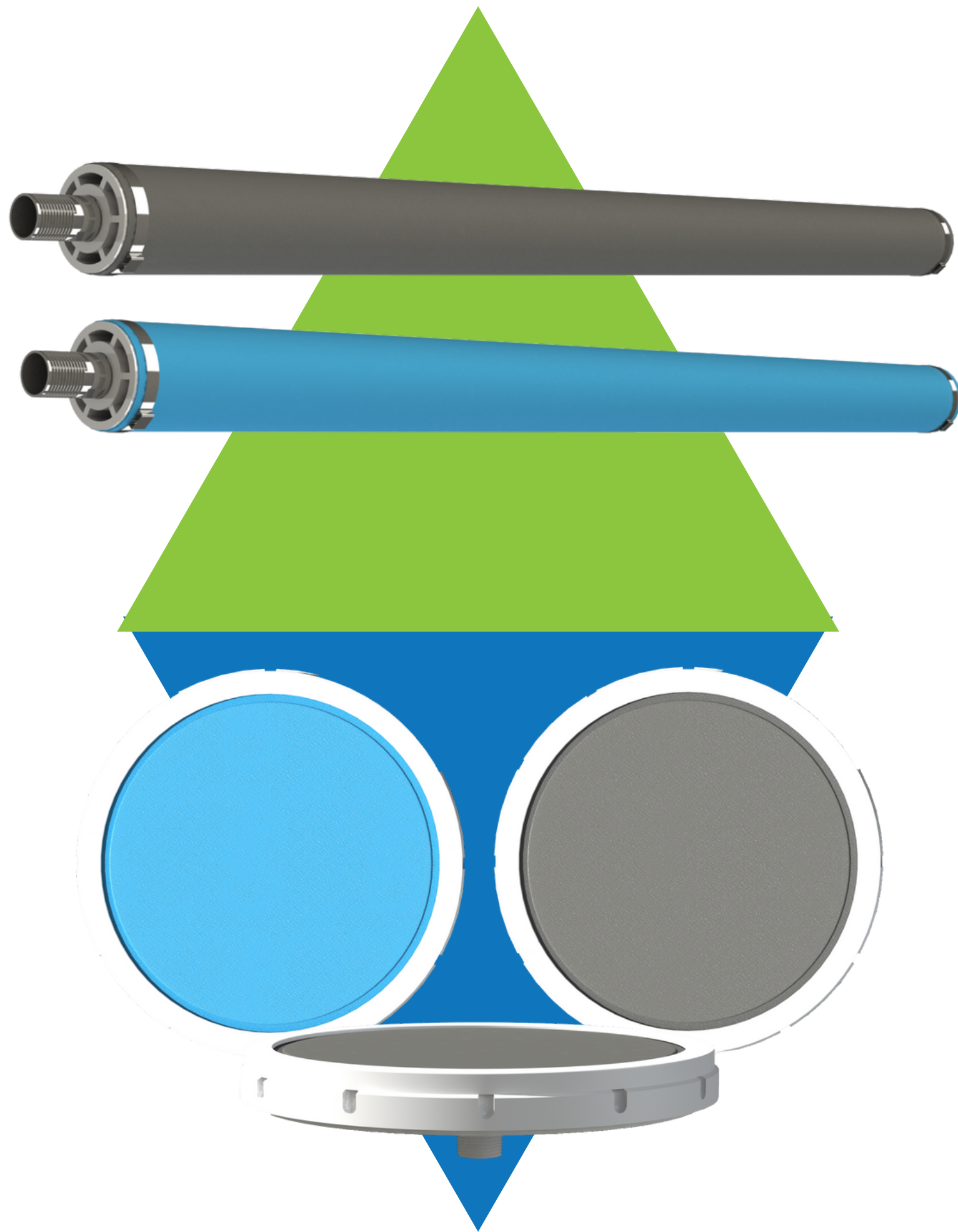
# Tube Settler Media

| Design Data  |                                    | Technical Data           |  |
|--------------|------------------------------------|--------------------------|--|
| MOC          | PVC                                | Distance From Horizontal | 120mm                                  |
| Shape        | Chevron                            | Cross-Sectional Area     | 120*44mm                               |
| Surface Area | 12 M <sup>2</sup> / M <sup>3</sup> | Weight Per Cum           | 62-65kg Apprx                          |
| Color        | Black                              | Max Working Temp         | 75°C                                   |
| Lay Angle    | 44°                                | Surface Loading Rate     | 4-5 M <sup>3</sup> /M <sup>2</sup> /Hr |
| Thickness    | 1.1mm (±0.1)                       | Available Sizes          | 500,750,1000 & more                    |

# MBBR Media

| Design Data                            | MBBR 25*12 | MBBR 22*16/25*20 | MBBR 25*4 High Performance |
|--|------------|------------------|----------------------------|
| MOC                                    | HDPE       | PP               | HDPE                       |
| Surface Area per Cum (M <sup>2</sup> ) | 550        | 400/450          | 1200                       |
| Size (D*H) (mm)                        | 25*12      | 22*16/25*20      | 25*4                       |
| PSA TSA Ratio (%)                      | 78         | 78/85            | 92                         |
| Specific Weight (kg/m <sup>3</sup> )   | 0.37       | 0.37/0.3         | 0.24                       |
| Specific Gravity                       | 0.92-0.95  | 0.90-0.95        | 0.92-0.95                  |
| Void Fill (% Empty)                    | >98        | >98/80           | >95                        |
| Max Operating Temp (°C)                | <80        | <80              | <80                        |
| Media Fill Range (% Of Volume)         | 25-75      | 25-55            | 30-70                      |



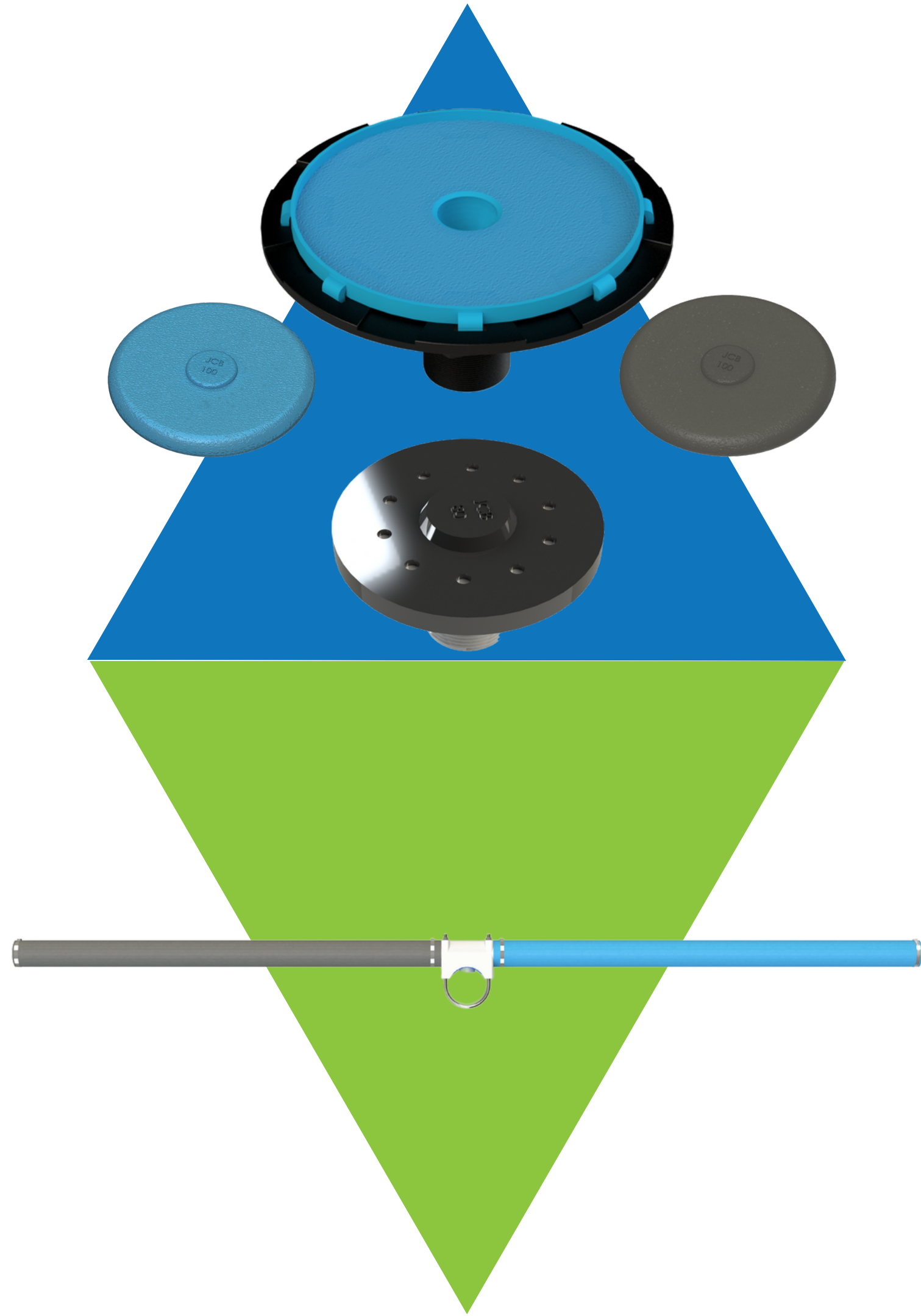


## TUBULAR Diffusers

- Sizes range from 600mm to 2.2 Metres
- High SOTE and Air flow
- MRT Technology for Tear Resistance
- Highest Elasticity in the market
- Highest Concentration of Silicon Molecules in membrane.

## DISC Diffuser

- Available in two sizes, 9" and 12" Dimensions
- High SOTE and Air flow
- MRT Technology for Tear Resistance
- Highest Elasticity in the market
- Highest Concentration of Silicon Molecules in membrane.



# JCB Coarse Bubble Diffusers

- Available in 3 Sizes, 80, 100, 150 mm
- Special Pore design for < 5mm Bubbles
- Inverted installation
- In-built NRV Mechanism
- Widely applicable in equalization and mixing tanks

# HUB Diffusers

- Available in 2.2 meters of size
- Specially designed to be installed directly on to lateral pipes.
- Very High Airflow Capacity
- Sturdy Body for high turbulence water flow.
- Easy to change spares.





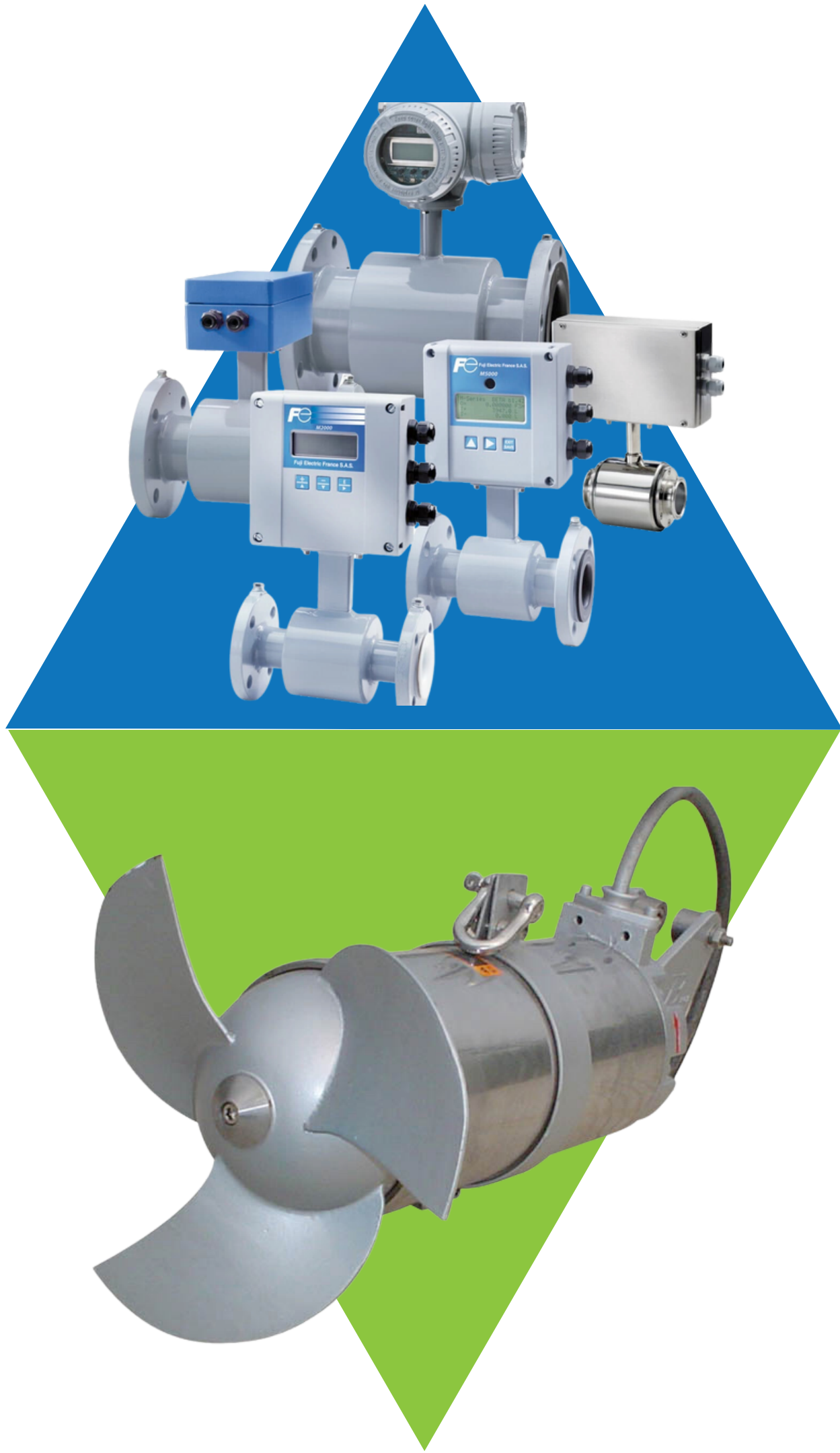
## Roots Blower And Turbo Blower

A roots blower is a type of positive displacement pump or compressor that operates by moving air through a pair of meshing lobes that rotate in opposite directions. It is commonly used in applications such as pneumatic conveying, wastewater treatment, and industrial processes that require high volumes of air flow.

A turbo blower is a type of centrifugal blower that uses a radial impeller to move air. It is often used in industrial applications for processes such as wastewater treatment, pneumatic conveying, and combustion air supply.

## Package ETP and STP Plant

An ETP (Effluent Treatment Plant) package is a compact unit used to treat wastewater from various sources. It can remove impurities and contaminants from the water, making it safe for discharge into the environment or reuse. ETP packages typically include physical, chemical, and biological treatment processes.



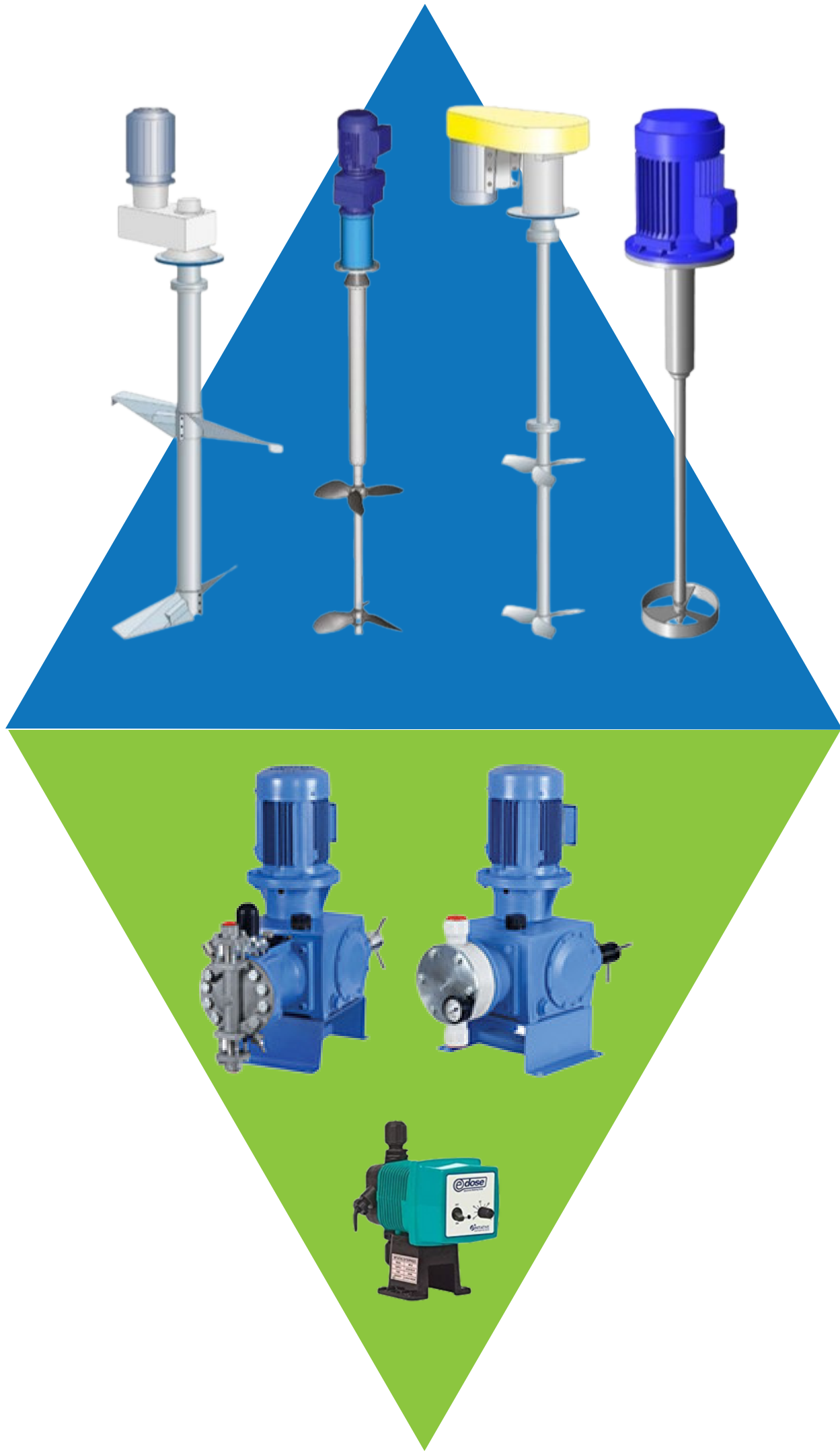
## Flow Meter

An electromagnetic flow meter is a device that measures the flow rate of a conductive liquid by using electromagnetic fields to induce a voltage across the liquid. This voltage is proportional to the flow rate and is used to determine the flow rate of the liquid.

## Submersible Mixer

A submersible mixer is a device that is used for mixing and agitating liquids in tanks or other containers. It is designed to be immersed in the liquid and can be used in a variety of applications, including wastewater treatment, chemical processing, and food and beverage production. The mixer works by creating turbulence and flow in the liquid, which helps to promote mixing and prevent settling.





## Agitator

An Agitator is used for mixing different process media – liquids, gases and solids in chemical addition or Pharmaceutical Ingredients. The agitator imparts energy through mechanical means by rotating a shaft on which there is an impeller designed specifically for the duty. This could be axial pumping, gas induction, flocculating, high viscosity products, high & low shear mixing etc. An agitator is also used in the Water Industry for adding various chemicals to bring the source water up to drinking water standards

## Dosing Pump

Chemical dosing pumps are compact, positive displacement pumps that are designed to pump an extremely accurate flow rate of chemicals or other substances into a water or gas stream.

These dosing pumps work by taking a certain amount of liquid into the chamber and inserting the chemical into pipes or tanks that harbor the fluid that is being dosed. The pump is energized mainly by electric motors or an aeration actuating element and utilizes a controller that navigates the pumps (controls flow rate) and switches the power on and off. To learn more about the different types of chemical dosing pumps available within our stock, check out our selection down below.



## Self Priming Pump

### Effluent Transfer Pump

A transfer pump is a type of pump used to move fluids from one location to another. An effluent transfer pump is specifically designed to move effluent, which is wastewater that has been treated and is ready to be discharged into the environment. These pumps are commonly used in sewage treatment plants, industrial settings, and agricultural operations. They are typically made of durable materials such as stainless steel to withstand the harsh conditions of pumping effluent. Efficient and reliable, effluent transfer pumps play an important role in the safe and effective disposal of wastewater.

## Sewage Submersible Pump

### Sewage Submersible Pump

A sewage submersible pump is a type of pump that is designed to handle wastewater and sewage. It is typically installed in a sewage pit or sump where it is submerged in the liquid it is pumping. The submersible design allows the pump to push the wastewater up and out of the pit to a higher elevation or to a treatment facility. These pumps are often used in residential, commercial, and industrial settings where there is a need to move large volumes of wastewater or sewage. They are efficient, reliable, and designed to handle tough applications.





# Membrane Bioreactor Module (MBR)

## Membrane Bioreactor Module

The Membrane Bioreactor Module is a technology used in wastewater treatment plants. It consists of a membrane filtration system that removes particles and microorganisms from the water. The module is an efficient and reliable method for producing high-quality effluent suitable for reuse or discharge into the environment. The membrane filtration process is automated, which reduces the need for manual intervention and increases efficiency. Overall, the Membrane Bioreactor Module is a valuable tool for improving the quality and sustainability of wastewater treatment.

# Sludge Dewatering Machine

## sludge dewatering machine

A sludge dewatering machine is a device used to remove water from sludge, which is a semi-solid substance typically produced as a byproduct of wastewater treatment or industrial processes. The machine works by applying pressure to the sludge, forcing the water to separate from the solids. This process results in a drier, more manageable material that is easier to dispose of or reuse. Sludge dewatering machines can come in various sizes and types, including belt filter presses, centrifuges, and screw presses. They are an essential tool for efficient and effective sludge management in many industries.



# Product Manufacturing Timeline

## Inquiry/Quote

### A Robust CRM Pipeline

A Potential Customer can send us their inquiry through various channels, Our Marketing team gets into motion, managing and delegating the task.

## Sales Order

### A Unified Production Front

An inquirer transitions to a customer, Order is placed, Production Teams bifurcate, setup BOMs, and Marketing Teams send the customer their Sales order confirmations.

## QC Testing

### Manufacturing and Quality Tests Ready to Dispatch

Work Orders and QC Mandates are generated via our ERP, Product gets assembled, Visual quality checks are performed and EPDM and Silicon batches are Tested

## Invoice & Dispatch

Once a product is given the green light, its ready to be packed and dispatched, account and Dispatch division gets in touch with you. Irons out the transport hiccups, and the product is on its way to you.





# AQUA INC's 4Ps

Aqua inc Operates on a 4P system designed to keep important growth factors in check.

## PROMOTION

- Online Marketing
- Word From Mouth
- Direct Marketing
- Advertising
- Website

## PLACE

- Market Coverage
- Market Exposure
- Channels
- Inventory
- Supply Chain



## PRODUCT

- Quality
- Features
- Branding
- In House R&D
- Warranties

## PRICE

- Discounts
- Payments Term

# Where do we supply ?



Our Market extends to all over the globe, We have regular supplies to Middle Eastern countries, ranging from UAE to Qatar and Kuwait, African Continent as a whole, servicing to Nigeria, Cambodia, Cape Town and South Africa, Europe and USA, Mexico, Spain and Australia.



**40,000  
Clients  
World Wide**

**90 Certified  
Dealers and  
Suppliers  
across the  
globe**

**World Wide  
Service  
Scope**



# Valuable Client

## Industry Description

GUJARAT ION EXCHANGE & CHEMICALS LTD.

N.K PROTEINS PVT.LTD.

EN-VISION ENVIRONMENTAL SERVICES.

DHANUKA AGRITECH LTD.

MADURA INDUSTRIAL TEXTILES LIMITED

FABHIND PVT LTD.

PAQUES ENVIRONMENTAL TECHNOLOGY INDIA PVT LTD

OASIS GROUP

# Valuable Client

## Industry Description

FELIX INDUSTRIES PVT.LTD

Universal Starch Chem Allied Ltd.

LUCID COLLOIDS LTD

DEEPKIRAN FOODS PVT LTD

HENI DRUGS PVT LTD.

KESARI INFRABUILD P.LTD

ASHIMA LTD.

SAYAJI HOTELS LTD.



# Market Validation



AQUA INC is considered one of the ETP, STP & WWTP Equipments Supply in the world, Here's why:

With strict ethical and commercial policies, Stringent No-Compromise Quality and Services Policies, or our straight forward attitude towards making and selling top of the Equipments with better technology, AQUA INC has established that they are equipped and ready to go beyond the scope of supply required to have a happy customer.

More than

**2.650K**

Loyal Customers

More than

**25**

Fortune 500 companies buy from us

More than

**30,000**

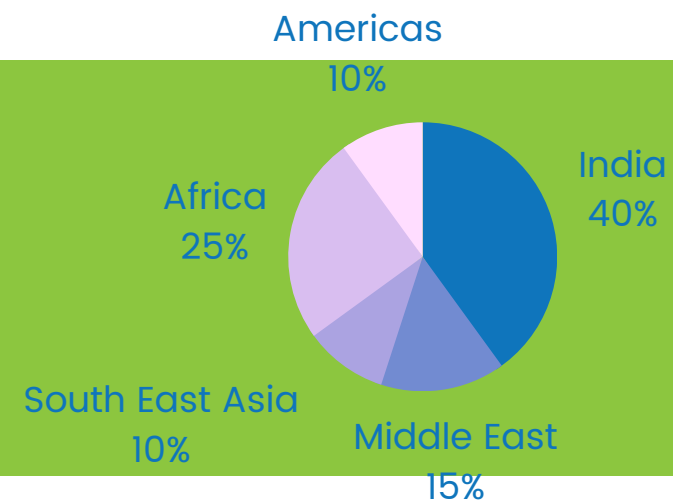
Positive Reviews



# Performance Overview

 A small report, compiled from our ERP

We love statistics, its an important tool for us to measure our growth, plan our future endeavors. We keep tabs on our exports, have our own customer satisfaction forms sent after a month of successful installations. We emphasize on technology, we believe in straight communication with stats on hand.



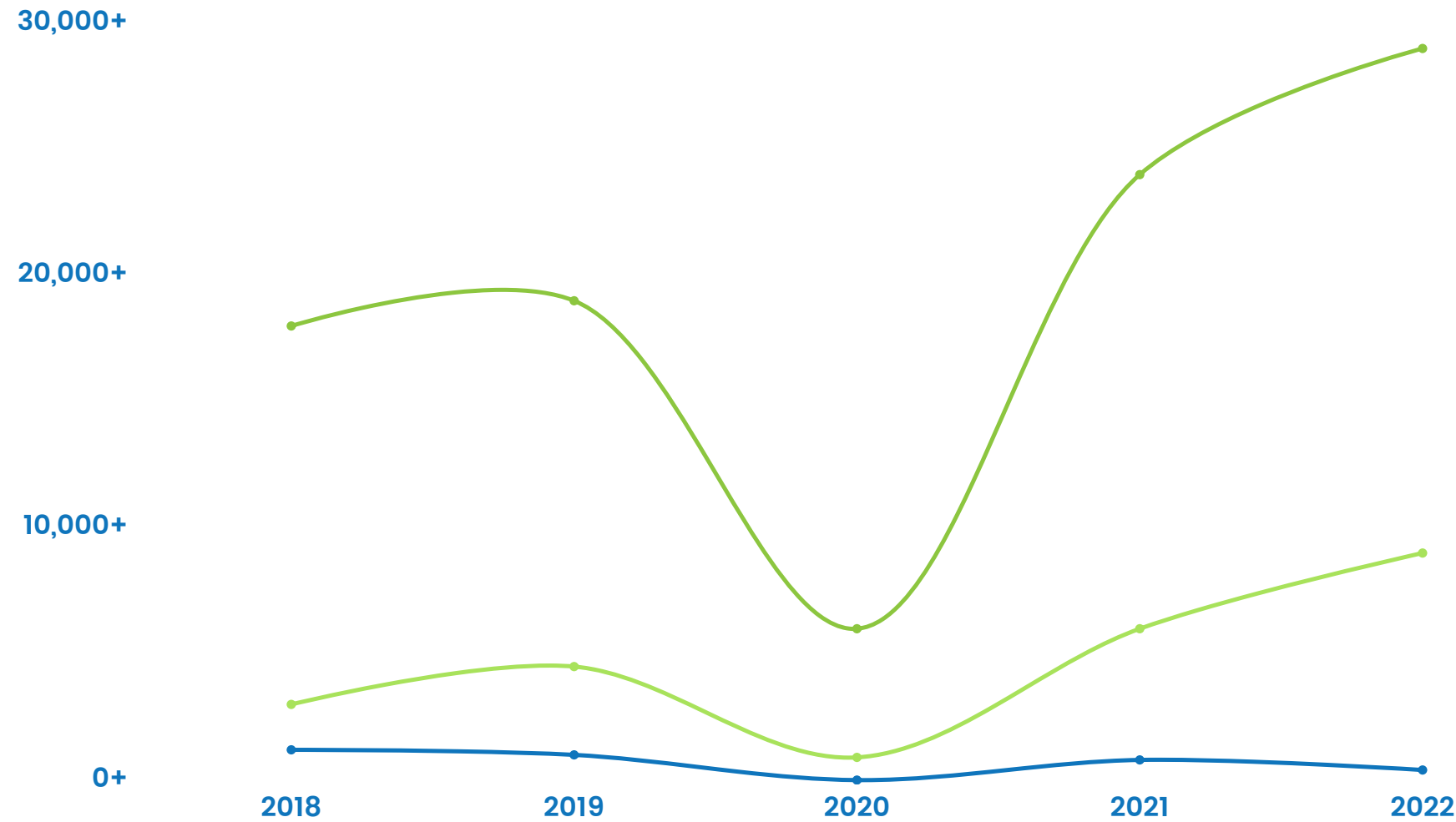
Customer Satisfaction

99,43%





# Company Traction



Traction is a period where the company is feeling momentum during its development period. If traction momentum is not harnessed, sales figures can decline and the customer base can shrink. In general, companies will judge success by the amount of revenue and new customers they receive. With COVID 19 impacting the business the most in the 2020 Era

Local Business  
**+115%**

Local Business Expansion with new Dealers and OEM Customers  
Higher the Better

Exports  
**+63%**

Overall Exports from 2018 to 2022 (April)  
Higher the Better

Service Visits  
**-72%**

Service Visits within one year of installations and supplies.  
Lesser the Better

# Thank You

Because, we're here to help

Contact us via the below communication lines.  
We are looking forward to hearing from you soon.

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