



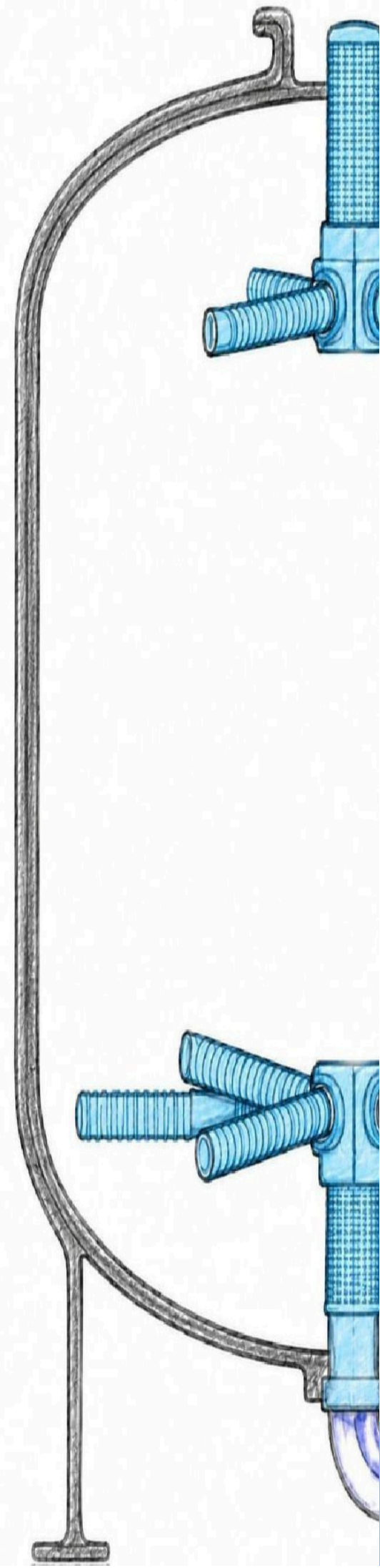
Vessel Internals / Distribution Systems

# Engineered for Superior Water Treatment Performance

STROMEN offers a premium range of Vessel Internals (Distribution & Collection Systems) specially designed for water treatment applications.

Trusted by major OEMs, our systems are compatible with all standard pressure vessels ranging from 8" to 79" diameter.

Built with precision engineering and high-quality materials, STROMEN systems ensure efficient water distribution, uniform collection, and long-lasting performance in both industrial and potable water treatment plants.



# Why Choose STROMEN?



## Preferred by Leading OEMs

Widely used in packaged water treatment systems by leading OEMs across industries.



## Revolutionary User-Friendly Design

Supplied with a specially designed installation tool that enables quick and secure fixing of internals inside the vessel, reducing installation time and effort.



## Universal Compatibility

Designed to fit all major makes of FRP Pressure Vessels and Composite Pressure Vessels.



## Suitable for Multiple Applications

Ideal for Sand Filtration, Carbon Filtration, Industrial Water Treatment, Potable Water Treatment, and Waste Water Treatment.

# STROMEN Series Distribution Systems

The STROMEN Series Distribution System is an innovative solution designed after extensively analyzing the installation and maintenance challenges of large FRP vessels. Engineered for quick installation and hassle-free maintenance, it significantly reduces service time, improves accessibility, and enhances overall operational efficiency.

# STROMEN Series — Precision & Key Features

## Precision & Performance

Manufactured with premium-grade materials and high-precision engineering for:

- Efficient flow distribution
- Reliable water collection
- Enhanced filtration performance
- Long service life

## Key Features

- Suitable for vessels from 8" to 79" diameter
- Easy installation with special fixing tool
- Made from 100% virgin raw material
- Durable and corrosion-resistant construction
- High hydraulic efficiency
- Low maintenance design
- Compatible with all standard FRP/composite vessels
- Very high flow carrying capacity compared to any other make

## STROMEN Series



STROMEN 12L2 UNION



STROMEN12L2 ELBOW



STROMEN 6L2 ELBOW



STROMEN 6L2 UNION



STROMEN 1J2 ELBOW



STROMEN 1J2 UNION



SPECIAL TOOL FOR EFFORTLESS DISTRIBUTION SYSTEM INSTALLATION

✔ Reliable Performance. Easy Installation. Trusted Quality. STROMEN continues to deliver innovative and Dependable vessel internals that enhance the efficiency and reliability of modern water treatment systems.

# Disc Type Distribution Systems

Disc-type distributors and collectors are engineered to ensure uniform flow distribution and balanced backwash in water treatment vessels. Designed for high operational efficiency, these systems offer easy installation, washable components, and minimal maintenance requirements. Compatible with high-flow basket strainers.

## C m<sup>3</sup> Jumbo Strainer Type

Features ring-type strainers and is ideal for small-sized top and bottom opening vessels.

- Suitable for 2.5" vessel openings
- Suitable for 4" vessel openings
- Equipped with a 40 NB elbow connection for carrying piping

## 12 m<sup>3</sup> Jumbo Strainer Type

Features ring-type strainers and is suitable for top and bottom vessels of any size.

- Suitable for 4" vessel openings
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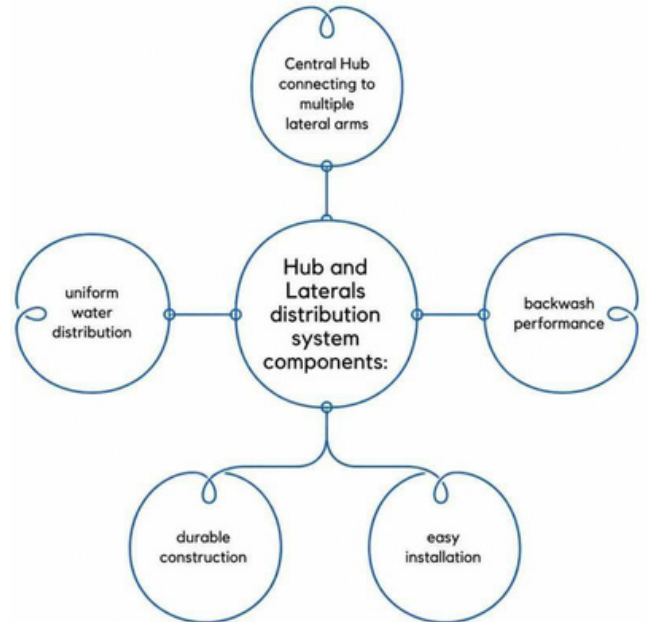
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# Hub & Laterals Type – Initiative Series

## High-Performance Distribution System for Efficient Water Treatment

- Uniform water distribution for optimized filtration and backwash performance
- Durable and reliable construction for long service life
- Easy installation with low maintenance requirements
- Designed for consistent hydraulic performance in demanding applications
- Suitable for water softeners, DM plants, RO pre-treatment, and industrial filtration systems
- Ensures efficient media utilisation and dependable operation under all conditions



## Initiative Series – Disc Type Hub & Lateral Systems



**15 m<sup>3</sup> Disc Type Hub & Lateral Distribution System**  
High-capacity system designed for larger vessels, delivering consistent hydraulic performance and long service life.

**9 m<sup>3</sup> Disc Type Hub & Lateral Distribution System**  
Engineered for efficient water distribution and reliable backwash performance in demanding filtration applications



# Flanged Type Distribution Systems

Flanged Distribution System for 42" and 48" Vessels

The Highflow Distribution System is specially designed for 42" and 48" diameter vessels of any make, delivering efficient and uniform water distribution for reliable filtration performance.

- Compatible with 42" and 48" vessels of all major makes
- Very easy to install with a user-friendly design
- Sturdy construction for long-lasting and dependable operation
- Ensures balanced flow distribution and efficient backwash performance
- Ideal for industrial water treatment and filtration applications



In addition to the advanced STROMEN Series Distribution System, FIPL offers conventional Ring-Type and Flanged-Type Distribution Systems. The Ring-Type system is widely used for standard large FRP vessels, while the

Flanged-Type system is specifically designed for very large flanged vessels, ensuring robust construction, reliable operation, and ease of servicing.

