

PVC TUBE SETTLER

High-Efficiency Honeycomb & Inclined Plate Media

GLOBAL EXPORT GRADE

Dazzling Sedimentation Efficiency: Our Tube Settler modules, crafted from high-grade PVC, have attracted favorable reviews across the market for their dazzling sedimentation efficiency and competitive pricing. Featuring a hexagonal/honeycomb design, high temperature resistance, and low maintenance, they provide enhanced clarity for municipal and industrial water treatment applications.



Technical Specifications

Parameter	Specification
Material Construction	High-Grade Rigid PVC
Module Heights	500 mm / 750 mm / 1000 mm
Color Options	Black / Blue
Temperature Resistance	Up to 60°C
Design Geometry	Hexagonal / Inclined Honeycomb Plate
Service Life	10 – 15 Years
Installation	Prefabricated & Lightweight Assembly
Maintenance & Washing	Manual or Water-Jet Cleaning Compatible

Dazzling Features & Versatile Applications

Hexagonal Honeycomb Structure

Increases the effective settling surface area and encourages laminar flow, allowing fine suspended solids to settle quickly and efficiently for clear water separation.

Convenient Prefabricated Design

Lightweight construction allows hassle-free manual installation and customizable sizing tailored to any municipal, industrial, or commercial clarification tank.

Globally Certified, Competitive Charges & Logistics

Global Supply Chain & Quality Guarantee

Quality Assurance: Backed by recognized quality certifications ensuring reliable performance and strict quality control across every batch.

Pricing & Shipping: Offered at highly competitive FOB Port rates with efficient dispatch to required international destinations.

Export Markets: Main export markets cover key industrial regions across **Asia, Africa, and the Middle East.**

Frequently Asked Questions (FAQs)

Q: How does the Tube Settler improve the sedimentation process in water treatment plants?

A: The Tube Settler increases the effective settling surface area, allowing smaller particles to settle quickly and efficiently. Its inclined plate design encourages laminar flow, enhancing particle separation and resulting in clearer, higher-quality treated water.

Q: What cleaning process is recommended for Tube Settler maintenance?

A: Cleaning can be performed manually or using water jets, depending on the accumulation of sediment and operational schedules. Regular inspection and washing help maintain optimal performance and prolong service life.

Q: Where are Tube Settlers most commonly used?

A: Tube Settlers are extensively used in municipal and industrial water and wastewater treatment plants. They are especially useful for clarification and sedimentation processes where efficient particle removal is essential.

Q: What are the key benefits of using PVC Tube Settlers?

A: Key benefits include corrosion resistance, lightweight structure, high temperature tolerance up to 60°C, low maintenance, and a projected service life of 10-15 years, making them a cost-effective and reliable option for long-term use.

Q: When should I consider customizing the tube diameter or module height?

A: Customization is ideal when you have specific tank sizes, flow rates, or sedimentation goals. Our team can advise the best configuration to match your project's requirements and maximize operational efficiency.

