

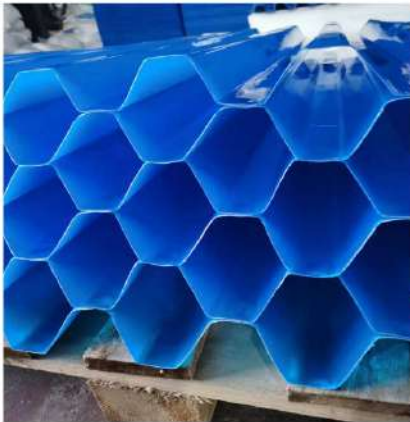
UV TUBE SETTLER Fields Of Application

1. Sedimentation for Drinking water Purification
2. TSS removal and particle separation
3. Upgrade of existing sedimentation tanks
4. Cleaning wash water recycled from vehicle wash systems at quarries and construction sites.
5. Tertiary or secondary clarification for municipal WWTP
6. Waste water treatment, surface water treatment and solids/liquid separation.
7. Examples of process waste water applications:
 - Desalination
 - Food and beverages
 - Heavy metal Waste Water
 - Pulp and paper
 - Petrochemical and Process water
 - Pharmaceutical and Chemical
 - Steel, Machinery, Mining and more

All Kinds of Sedimentation and Clarifier and Sand Basin Can be installed

UV Tube Settler Systems

Tube settler systems are an **inexpensive solution** for drinking water and waste water plants to increase treatment capacity, reduce new installation foot prints, improve effluent water quality, and reduce operating costs.



Stonger Hexagon Honeycomb Modules

Robust PP tube settler modules can be easily supported with minimal structures that often incorporate effluent troughs and baffles.

Save Assembled Labour easy on the site

Juntai UV Tube Settlers can be easily assembled on site, and there is only need two workers in **6 hours to finished 100CBM** into settler block.

And a small amount of loose pieces are reserved for installation use later.





Quickly Install into the tank

Assemble the UV Tube Settlers blocks from left to right on the upper part of the Sheft Support. Keep the Angle of 60° unchanged all the time, each unit should be properly pressed when assembling sequentially. If the size is not exactly appropriate when assembling to the right side, it is necessary to use loose UV Tube Settlers according to the size and then assemble until it is all in place..

There is about two workers can installed 200 CBM in a working day

Fixed UV Tube Settlers easily

After the UV Tube Settlers installed, the density of the material is 0.92g/cm^3 , it will be floating before in a first few days, so we need fixed the UV Tube Settlers by stainless steel ropes or Nylon ropes



Robust in operation and maintenance

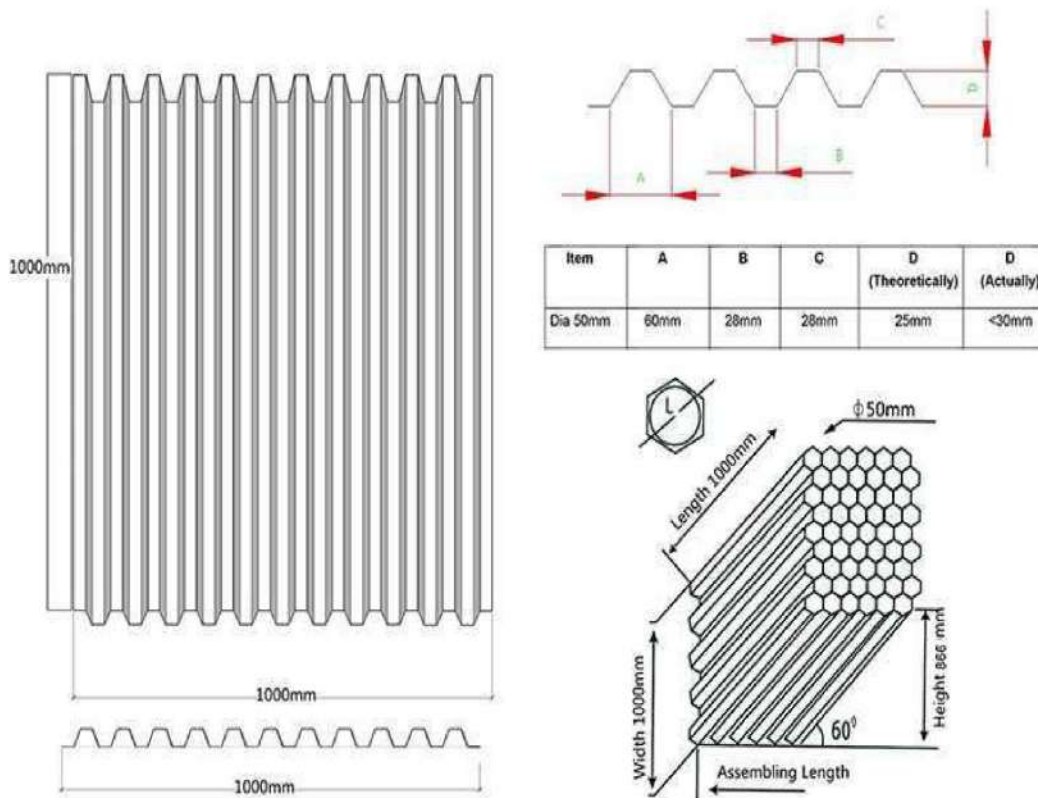
After the UV Tube Settlers installed, Don't need do anything , it is stable and easy operation daily.



Longer Service Life

Juntai UV Tube Settlers can be used under the water for 5 to 10 years, if there is no straight sunlight, it can be longer life

Tuntai UV Tube Settler Detail Sheet



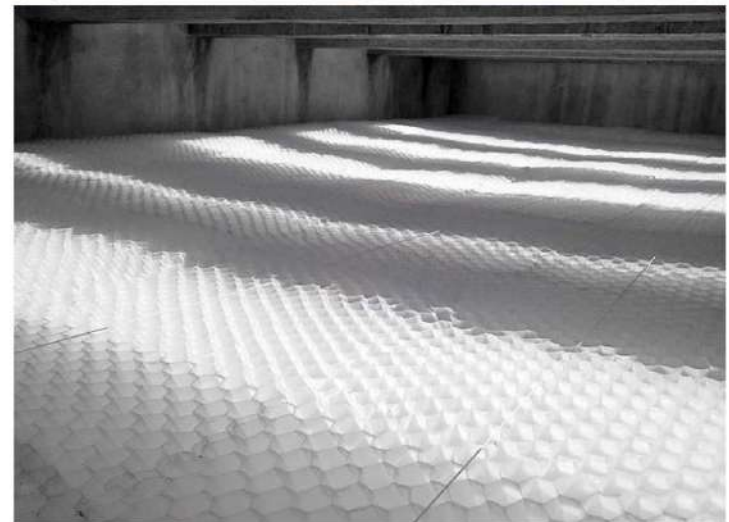
Material:	100% New PP with UV protector
Applications:	WTP/WWTP
Color:	Blue Color
Molding method:	Electric soldering iron
Installation angle:	60°
Service life:	5 to 10 years
Usage frequency:	Commonly used
Operating temperature:	-10~70°C
Proportion g/cm3:	0.92
Features:	Flexible and easy to float
Produce way:	Factory prefab
Standard packaging:	Packing strap/wooden box
Special specifications:	Customer-defined

Hexagon Honeycomb UV Tube Settlers

Advantage (compare to other kind of locked or glued Settlers)

1. Resistant to impact
2. Resistant to sun light with UV Protector
3. Dust and germs proof
4. Made from premium material meeting high quality requirements
5. Shipped by sheets, save the freight of transporting
6. Store with Pallets, Save the cost and place of the store
7. Easy welded into block on site
8. Easy install into Sedimentation Tank (save the the cost and labour for Assemble Longer Serive Life for 5 to 10 years)
9. Offer the Four Guarantee for the quality control
10. Worldwide delivery thanks to easy and reliable on-site module-assembly
11. Friedly materail can be drinking water.

We have many national and international references (Used in municipal water treatment plants)



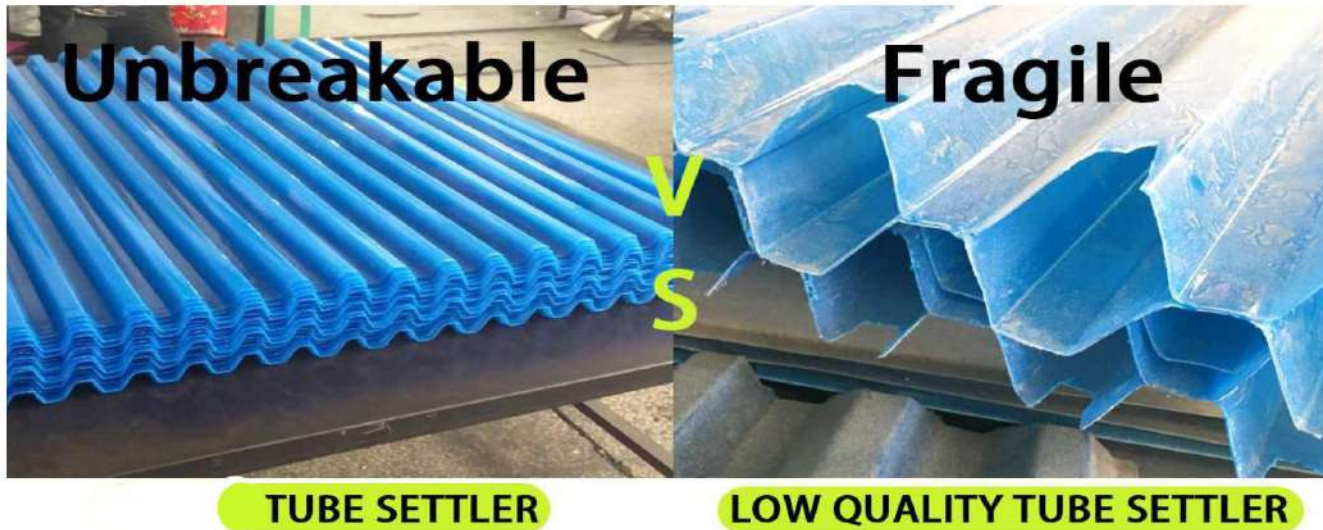
UV Tube Settlers

Advantage (comparing other items in China Market)

1. New Formula PP Without any Recycle material
2. The cutting angle is neat and flat, making it the UV Tube Settlers more stable and firm
3. Packed in a black bag for UV protection
4. Guarantee 100% thickness
5. No sand holes or bubble holes in the sheet
7. Easy to weld, high strength, save labour cost
8. Glossy surface, high quality
9. Light Blue color, Make the water in settle tank more clear.
10. Easy maintenance



Domestic and International Quality Comparison



TUBE SETTLER

LOW QUALITY TUBE SETTLER

Juntai Tube settler compare to other UV Tube Settlers

Easy to weld on site, two workers can weld up to 50 CBM per day.	Needs to be locked on piece by piece, with a lot of labour on site
Hexagonal shape is more stable than other shapes	Not easy to replace
Small area, easy to de-clay	Higher cost
Very strong and long lasting + simplest support system	Not easy to install on site

UV Tube Settlers compare to others

which from China market:

1. We use 100% Virgin PP
2. We use PP with UV protectors
3. We can use it for 5 to 10 years
4. Can be used for drinking water, with SGS certificate
5. Installation support and welding support
6. Stronger with wall thickness up to 1.0mm

Other UV Tube Settlers

1. Some filler will be added to the matmaterial
2. Only PP material, no UV
3. Service Only 3 to 5 years
4. No certificate, can not sure safe for drink water
5. Some have welded problem because not new or virgin material

SETTLER Introduction

TP25PP



Name: TL25PP Diameter: 25 mm Wall thickness: 0.5mm

Color : Blue or white

Material: 100% New PP with UV protector

Piece Per CBM: 42 piece

Resistance : UV, Chloride, Acid, Oil

Certificate: FDA standard with SGS certificate,

Fulfills all drinking water requirements like eg NSF, KTW, ACS,

DWI 31 Gravity: 0.92g/cm³ Slope: 60°

surface area: more than 120 m²/m³

Block size: 1mX 1mX height(0.6m to 1.2m)

Continue operation temperature: 70 degree

Max operation temperature: 80 degree(short time)

Sedimentation Area: 12 m²/m³

Assembled : by plastic welded gun on site

Application: Clarifier or Sedimentation for drink water, municipal and industrial wastewater treatment

Service Life: 5 to 10 years

Very robust and longlasting + simplest support system

TP25PP Special size for WTP for Drink water treatment

SETTLER Introduction

TL35PP



Name: TL35PP Diameter: 35 mm

Color : Blue or white

Material: 100% New PP with UV protector

Piece Per CBM: 40 piece

Resistance : UV, Chloride, Acid, Oil

Certificate: FDA standard with SGS certificate,

Fulfills all drinking water requirements like eg NSF, KTW, ACS, DWI 31

Gravity: 0.92g/cm³ Slope: 60°

surface area: more than 105 m²/m³

Block size: 1mX 1mX height(0.6m to 1.2m)

Continue operation temperature: 70 degree

Max operation temperature: 80 degree(short time)

Sedimentation Area: 10 m²/m³

Assembled : by plastic welded gun on site

Application: Carifier or Sedimentation for drink water, municipal and industrial waster water treatment

Service Life: 5 to 10 years

Very robust and longlasting + simplest support system

Items No	TL35PP05	TL35PP07	TL35PP10
Wall Thickness	0.5mm	0.7mm	1.0mm

TP35PP Special Size used in Municipal and Drink water treatment

Introduction

TL50PP

Name: TL50PP Diameter: 50 mm

Color : Blue or white

Material: 100% New PP with UV protector

Piece Per CBM: 30 piece

Resistance : UV, Chloride, Acid, Oil

Certificate: FDA standard with SGS certificate,

Fulfills all drinking water requirements like eg NSF, KTW, ACS, DWI 31

Gravity: 0.92g/cm³ Slope: 60°

surface area: more than 95 m²/m³

Block size: 1mX 1mX height(0.6m to 1.2m)

Continue operation temperature: 70 degree

Max operation temperature: 80 degree(short time)

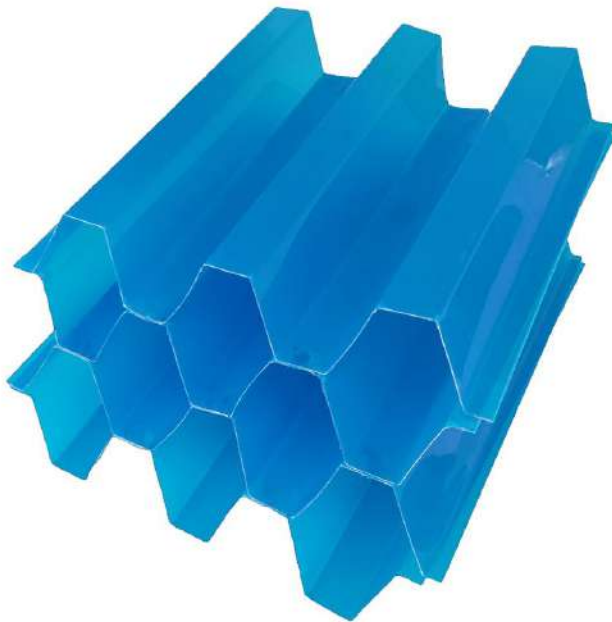
Sedimentation Area: 9m²/m³

Assembled : by plastic welded gun on site

Application: Carifier or Sedimentation for drink water, municipal and industrial waster water treatment

Service Life: 5 to 10 years

Very robust and longlasting + simplest support system



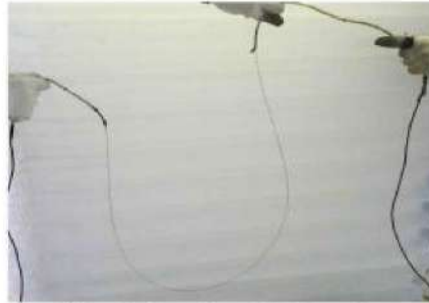
Items No	TL50PP05	TL50PP07	TL50PP10
Wall Thickness	0.5mm	0.7mm	1.0mm

TP50PP, This Size is fit for Indurstariand Municipal WWTP, it good use for most WTP and WWTP

Cut Methods



01 Equipment : the voltage regulator



02 Heat the electric heating wire used for cutting

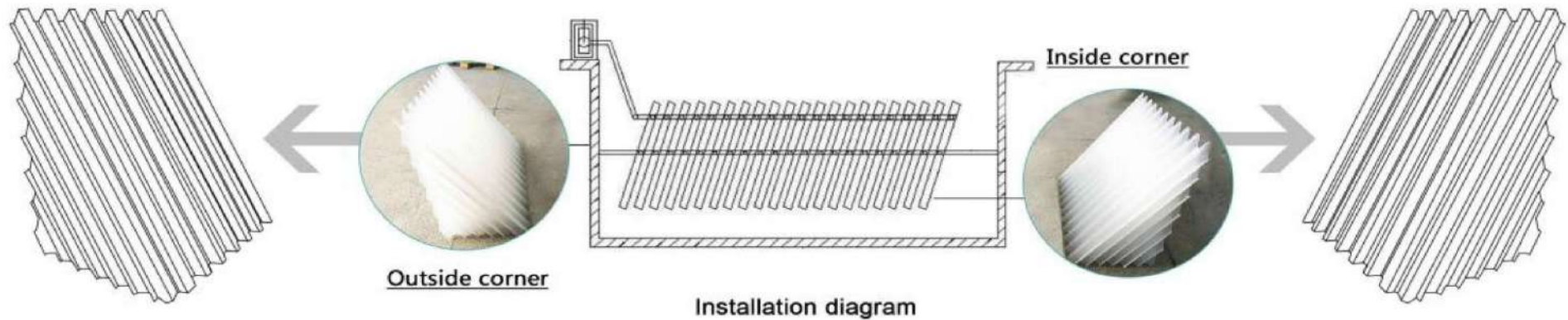


03 Use the Heating wire to cut the finished product along the diagonal



04 After cutting

Detail: Inside corner and outside corner display



Installation Method ①



Installation Method ②

Installation method of inclined UV tube Settlers:

1. Install mud discharge pipe at the bottom of the sedimentation tank

The installation sequence of UV Tube Settlers sedimentation tank generally starts from the bottom, and the installation of the mud drainage pipe system at the bottom should be completed first. Ensure that the opening of the mud drainage pipe meets the design requirements and is fixed firmly, and check without error before entering the next installation process.

2. Complete the installation of Settlers support

According to the construction drawing of packing support installation for inclined pipe sedimentation tank, the Settlers support should be installed in place first, check that all welding joints are firm and the strength of the support is enough to bear the weight of the Tube settlers, and complete anti-corrosion treatment on the surface of the support;

3. Complete the ironing of Juntai UV tube settlers.

According to the ironing method of inclined UV Tube settlers, each one is packaged as a separate ironing unit. After the ironing of a unit is completed, it is 1m². After the ironing, it is stacked neatly on the field (a small amount of loose pieces are reserved for future use).

4 Juntai UV Tube Settlers pool assembly

Assemble the scalded packing unit from left to right on the upper part of the Settlers Support.

Keep the Angle of 60° unchanged all the time, each unit should be properly pressed when assembling sequentially. If the size is not exactly appropriate when assembling to the right side, it is necessary to use loose sheet UV tube settlers according to the size and then assemble until it is all in place.

5. The upper part of the UV Tube Settlers is fixed

Since the proportion of UV tube settlers is 0.92, slightly less than water, after the UV tube settlers is assembled in place in the tank, 10mm round steel should be pulled above the packing from left to right for reinforcement (two round steel should pass through the upper part of each unit packing), and both ends of the round steel should be fixed reliably on the sedimentation tank wall.

After the installation of round steel can be very good to prevent the UV tube settlers in the early use of the possible loose floating phenomenon, round steel with epoxy coal asphalt anti-corrosion.

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