



Crienviro

Engineering Eco-Sustainability

Clariflocculator

Clariflocculator serves functions of both the clarifier and flocculator. It consists of two concentric tanks - the inner tank serves as a flocculation chamber while the outer tank serves as a clarifier chamber. Raw water with addition of chemicals enters into the flocculation chamber where agitation mechanism initiates flocculation of solids. The resulting sludge and heavy solid particulates settles to the bottom under the gravity and are periodically discharged. The treated water from the flocculation chamber radially flows outward in to the clarification chamber for further processing.

We Crienviro offers fixed Full/Half structural Bridge cum walkway spans over the outer diameter of the tank with walk for the movement. Crienviro have been involved in supplying the bridge cum agitator assembly for small to large capacity plants.

Salient Features

- Works efficiently as individual or as part of a complete system
- Clarifier is equipped with complete assembly of rotating bridge, agitator assembly and slip ring arrangement for the smooth movement of clarifier bridge
- A well design scrapers are provided to remove the settled sludge
- Materials of construction holding wide range- MS, and SS of various grades
- Simple and efficient design allows the smooth operation, maintenance, and easy calibration
- Flexible design with provision of agitator assembly
- Flexible design with bottom scrapping mechanism
- The efficient design of clarifier assembly
- Complete assembly furnished with anti-corrosive food grade epoxy paint.
- Customized design based on customer requirements such as space constrain
- Manual, semiautomatic and fully automatic mode of operation.
- Supported by Crienviro 24x7 hour customer service
- Backed by warranty along with AMC

Applications

- Drinking Water clarification
- Industrial Effluent Treatment
- Sewage Water Treatment



S. No.	DETAILS	DESCRIPTION
1	Civil Scope	Customer
2	Electromechanical Scope	CESPL
3	Make	Crienviro
4	Length of Bridge	Customized as per Clarifier Diameter
5	MOC of Bridge	MS with epoxy paint
6	Speed of Bridge	45-60 minutes / rev
7	MOC of Agitator Assembly	SS
8	Speed of Agitator	4-6 rpm
9	Electrical Control Panel	CESPL