

## Aerators



### Description

The equipment used for wastewater aeration is required for the biological process and also to provide mixing to keep solids suspended for more effective treatment. In aerobic processes the pollutants in the wastewater are removed by the living microorganisms. In order to accomplish this efficiently, the aeration equipment must not only be capable of transferring oxygen from atmosphere to the wastewater, but also maintain sufficient uniform mixing of the micro-organism with the oxygenated wastewater without breaking up the activated sludge flocs.

Although there are many types of aeration systems, the two basic methods of aerating wastewater are through mechanical surface aeration to entrain air into the wastewater by agitation, or by introducing air or pure oxygen with submerged diffusers.

### Product Group

- ✓ Surface Aerators
- ✓ Aeration Systems