

Detailed Images:



	Comparison item	 Disc Diffuser	 Swirl Microbubble Diffuser
1	Feature	The oxygen concentration is higher. Easily sintered, damaged, and aging.	The oxygen utilization rate is stable, and aeration and stirring are two-in-one. Long life.
2	Material	Plastic, rubber, ceramics	ABS, PA66, polymer
3	The oxygen utilization (6 meters clean water)	New products>30%. A year later begins to decay.	18-25% stable No attenuation
4	Pressure Drop	4-6Kpa	0-2Kpa
5	Ventilation m ³ /min	0.02-0.04	0.4-1.2
6	Service Area m ² /set	0.3-0.5	4-12
7	Service Life	About 3 years	More than 10 years
8	Mixing Function	No	Yes
9	Scaling Situation	Easy to scale	Not easy to scale
10	Sludge Deposit	serious	No
11	Installation without shutting down operations.	Based on installation type	Yes
12	Maintenance Workload	Heavy	Low
13	Corollary Equipment	Blower	Blower

Swirl Aerator can not only avoids the loss of production shutdown, but also avoids the cost of dredging and the risk of safety accidents caused by replacement. The service life is more than ten years, and maintenance is free, which can greatly reduce the labor cost of the sewage station.

Parameters:

Model	Air flow (m ³ /min)	Pressure (Kpa)	Oxygenation capacity (kgo ₂ /h)	Oxygen utilization coefficient (%)	Dynamic efficiency (kg/kWh)	Water depth (m)
XL-750	0.6-0.9	0-1.5	1.8-2.5	18-25	>5.0	>5

Installation :

Bottom Mounted(XL-750A)

Hanging Mounted(XL-750L)

Bottom & hanging
Mounted(XL-750H)



Former Similar Projects

