



EnviroValor
COURAGE FOR A GREENER TOMORROW

EnviroValor EVT-600 Fine Bubble Tube Diffuser

Reliable Wastewater Aeration Solutions



Integrated Structure

Spin-Welded Connection

Factory Leakage Tested

600 mm Tube Diffuser for Wastewater Aeration



EnviroValor supplies 600 mm fine bubble tube diffusers for municipal and industrial wastewater aeration systems.

Designed for stable air distribution, uniform bubble release, and easy installation.

Engineered with an integrated air inlet structure to improve sealing reliability and reduce leakage risk.



Quality Assured: Each tube diffuser is tested before shipment by professional equipment to help ensure stable sealing performance.



Structural Features & Reliability



Integrated Air Inlet

Integrally formed to improve sealing reliability and structural consistency.



Spin-Welded Connection

The support pipe is connected by spin welding—eliminating the leakage risks commonly associated with traditional adhesive/glue assembly, providing stronger structural integrity.



Side Leakage Testing

Every single unit is tested using professional equipment before shipment to prevent side leakage and ensure reliable product quality.

Technical Specifications & Material Anatomy



○ **EPDM Membrane:** Up to 13,500 molded openings (1-3mm). Resistant to UV exposure, acid, alkali, and corrosion.

○ **ABS Support Body:** Mechanical strength with a hollow design to reduce buoyancy and floating load on the piping system.

○ **304 Stainless Steel Clamp:** Secures membrane positioning and prevents loosening during long-term operation.

Model	EVT-600
Size	600 × 65 × 3/4" PT
Total Length	Approx. 630 mm
Airflow Range	1.8–12 CMH
Weight	Approx. 0.9 kg
Installation	Horizontal (Diffuser openings facing horizontally to both sides)

Performance Advantages & Deployment Applications

Operational Advantages



High oxygen transfer efficiency
& uniform fine bubble distribution



Low headloss & low power
consumption



Self-cleaning & sealing design
(helps keep air in and water out)



Suitable for intermittent operation
(including SBR systems)

Typical Applications

Municipal sewage treatment

Industrial wastewater treatment

Aquaculture pond aeration

River and lake aeration

Sludge stabilization

Ozone diffusion in wastewater

Sample Request & Project Evaluation

Export-oriented communication. Fast response. Stable stock availability. We focus on practical, reliable aeration products for new installations, replacement demand, and system integration.

Samples can be arranged upon request for quality checking and installation evaluation. Please provide your required quantity, destination port, and project application for a rapid quotation.



info@envirovalor.com | (03) - 4031234 | envirovalor.com

