

COARSE BUBBLE DIFFUSER



- Coarse Bubble Diffusers are designed to provide effective mixing and aeration in water and wastewater treatment processes.
- They ensure uniform air distribution, prevent solids settling, and deliver reliable performance in applications requiring high mixing intensity.

Key Benefits

- ✓ Effective mixing and circulation
- ✓ Prevents sludge settling and dead zones
- ✓ SS material increases the shelf life of the diffuser
- ✓ Robust and reliable operation
- ✓ Low maintenance and long service life
- ✓ Suitable for continuous and intermittent operation

WHY CHOOSE US?

- Cost-effective solutions
- Customized designs
- Premium fabrication
- Timely delivery
- Reliable after-sales support

TECHNICAL HIGHLIGHTS

- Available in Disc & Tubular diffuser designs
- EPDM Disc & Stainless Steel Tubular diffuser options
- High air flow capacity for effective mixing
- Compatible with STPs, ETPs & equalization tanks

CONTACT US

✉ marketing@empireenvirotech.com
director@empireenvirotech.com

📍 415, Galaxy Business Park, Nikol,
Ahmedabad, Gujarat - 382350

☎ +91 8849149314
+91 9274511746

🌐 www.empireenvirotech.com

FINE BUBBLE DIFFUSER



- Fine Bubble Diffusers are designed to provide efficient oxygen transfer and uniform air distribution in biological wastewater treatment systems.
- They enhance biological treatment efficiency, reduce energy consumption, and ensure reliable long-term aeration performance.

Key Benefits

- ✓ High oxygen transfer efficiency
- ✓ Uniform fine bubble air distribution
- ✓ Energy-efficient aeration (reduced operating costs)
- ✓ Low maintenance and reliable performance

WHY CHOOSE US?

- Cost-effective solutions
- Customized designs
- Premium fabrication
- Timely delivery
- Reliable after-sales support

TECHNICAL HIGHLIGHTS

- Available in Disc & Tube diffuser designs
- EPDM & Silicone membrane options
- High oxygen transfer and aeration efficiency
- Durable, clog-resistant membrane construction
- Compatible with STPs, ETPs & MBBR/Activated Sludge systems

CONTACT US

✉ marketing@empireenvirotech.com
director@empireenvirotech.com

📍 415, Galaxy Business Park, Nikol,
Ahmedabad, Gujarat - 382350

☎ +91 8849149314
+91 9274511746

🌐 www.empireenvirotech.com