

# COARSE BUBBLE DIFFUSERS

## About

Coarse bubble diffusers offer affordable and durable mixing and aeration. They are ideal for situations that combine airflow mixing and oxygen introduction, and especially in wastewater with high-solids content. Coarse bubble sizes range from 3 to 50 mm\*.

Large numbers of small bubbles will transfer far more oxygen than a small number of large bubbles due to the increase in total bubble surface area. Diffusers generate smaller bubbles than those coming from holes drilled in pipe. Therefore, when using diffusers, you can achieve a desired amount of oxygen transfer with less air (less energy demand). This means lower blower operating speeds and lower energy costs. This is especially true if you incorporate smaller bubble diffusers into your system.

## COARSE BUBBLE DIFFUSERS



## Product Description

- :: Less prone to plugging due to air mass coming from the larger hole openings
- :: Optimal mixing capacity in tanks with thicker mass and sediments
- :: Ideal solution for secondary treatment phase.
- :: High aeration efficiency
- :: High oxygen transfer efficiency
- :: Require less energy to run (compared to coarse bubble diffusers)
- :: Easily adapt to existing basins (for replacements or upgrades)
- :: Satisfy high oxygen demands

## Product Specifications

PRODUCT NAME	MODEL NO.	SPECIFICATION
COARSE BUBBLE DIFFUSER	CBD-80	Air Flow-1.0-5.0 m3, Connection Size-3/4" Bsp, Bubble Size-4-5 mm, MOC - EPDM/SILICON, No. of Ports - 10
	CBD-150	Air Flow-4.0-10.0 m3, Connection Size-1" Bsp, Bubble Size-6-8 mm, Moc - EPDM/SILICON, No. of Ports-8

- Available in EPDM & Silicon

## Contact Us



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