

Coarse Bubble Disc Air Diffuser 5"



Product Description

The main body of Coarse bubble diffuser is made by ABS engineering plastics, which has strong corrosion resistance and can be used for over than three years. The membrane of coarse bubble diffuser uses EPDM, of course we can also produce silicone membrane, just at your requirement. You can see in the picture that the membrane is very thick and durable.

It is especially suitable for urban sewage and large-scale expansion of large factories and old aeration tanks, and the aeration tanks can be intermittent operate.

There's check value inside to ensure that the sewage will not enter the branch pipe, preventing the branch pipe being blocked.

Name	Coarse bubble diffuser
Size	130mm
Support part material	ABS
Membrane part material	EPDM,can also be silicone
Theoretical Power Efficiency(kg O2/kw·h)	2.5~3.8
Connector Size	G3/4" G Thread Connection
Air flow	1-5m3/h
Service area	0.2-0.5m2
Pressure loss	<3000 Pa
Oxygen transfer efficiency	5-15%

Product Features

Uniform airflow diffusion, large gas scouring force and strong corrosion resistance is the top advantage of coarse bubble diffuser.

Another hidden advantage is that his unique design can mix air and water, which increase the oxygen transfer efficiency and oxygen utilization rate.

Its unique design also prevent the blockage of the sludge and extend the service years.

The coarse bubble diffuser has 3-5mm diameter bubbles, large gas-liquid boundary area and uniform bubble diffusion.