

## Fine Bubble Disk Diffuser ( aeration for maximum oxygen )

**OXYaero™** fine bubble disc diffusers by Faraz Tasfieh Company are mainly used for aeration in waste water tanks and fish breeding ponds. Meanwhile, it has the maximum capacity of aeration uniformly and it works with the minimum operational pressure.

The material of this diffuser is polypropylene (PP) and has a perfect resistance against most of the chemicals in municipal and industrial wastewater.

This diffuser is made of EPDM rubber (used silicon in higher temperature) and has very small holes. The connection will be available with the size of 3/4" and also 1" according to the piping layout.

The table below illustrates the detail of this diffuser:



### Physical Conditions

Model	Diameter ( mm )	Membrane Thickness (mm)	Range Flow Rate (Nm <sup>3</sup> /hr) min - max	Optional Flow Rate (Nm <sup>3</sup> /hr )	Thread.Connection Standard	Max Temperature (° C)		Check Valve
						EPDM	Silicon	
OXYaero™ D 270	270	2	3 - 10	6	3/4 " , 1" M	130	230	included
OXYaero™ D 340	340	2	6 - 15	10	3/4 " , 1" M	130	230	included

### The Unique Feature

**OXYaero™** fine bubble disc diffuser includes a one-way valve which blocks the path slowly end of the aeration.

### The Usages of **OXYaero™** Fine Bubble Disc Diffuser:

- Aeration tanks in the activated sludge process.
- Sludge storage tanks.
- SBR water treatment system.
- MBR water treatment system.
- Fish breeding ponds.

