



## Aquarium CO2 diffuser



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updated 6. 5. 2024 | published 6. 5. 2024

### Summary

Home made 3D printed base aquarium CO2 diffuser

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Hi !

This is a CO2 diffuser for plant aquariums. It is true that you can buy a usable CO2 diffuser for around 10 euros, but it costs about half a euro and atomizes carbon dioxide much better.

The material of the pumice stone is smooth ceramic tile. I cut it to the required size with a sander, then sand it into a disc shape. About 2-3 mm thick.

Place the printed base on the base on a horizontal surface and fill the rim with two-component synthetic resin in a circle so that the adhesive bulges upwards. Then carefully place the disc in the center and wait until it hardens. Then, apart from the top surface of the disc, the entire surface is coated thinly with varnish or two-component synthetic resin, so that CO2 does not leak out between the pores of the print. Only the top of the ceramic disc should not be coated.

Can be used after complete drying. Try not to get water inside, even though it still works. When it is first put into operation, larger bubbles will

collect on its surface at first, but after 24 hours, it will spray beautiful small bubbles.

If you find my work useful, please give it a like. Thx.

## Model files



**smal\_base.stl**



**medium\_base.stl**

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