



Self watering insert



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[VIEW IN BROWSER](#)

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Summary

An insert that will give your standard pot a self-watering capability

[Household](#) > [Outdoor & Garden](#)

Tags: [pot](#) [plant](#) [flower](#) [selfwatering](#) [planter](#) [garden](#)

Rescale this model as needed, I made the walls a little bit thicker than needed in the default scale, so unless you scale it to be very small, it should still get at least 1-2 perimeters.

Check the preview after scaling!

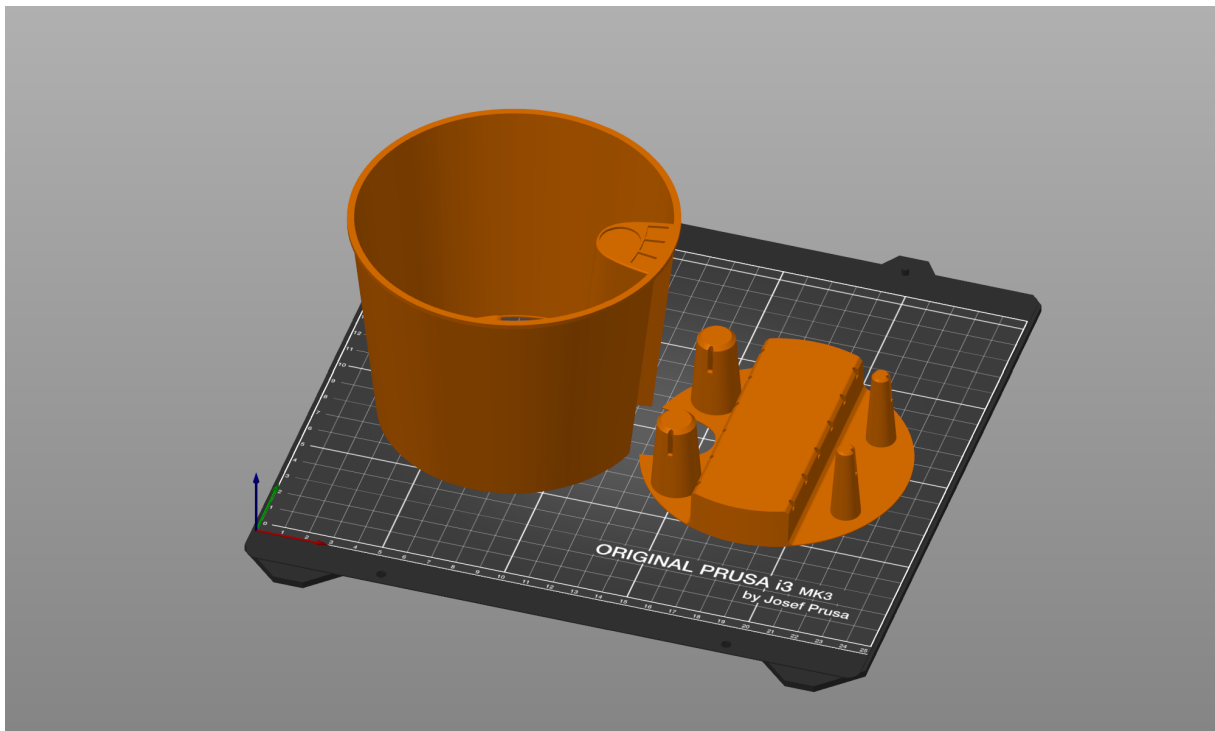
If you change the scale of the model a lot, you might see some problems, like walls getting too thick.

I'm not happy with the scalability and the holes for watering, something I hope to improve in a future version of this model. On the other hand, I suspect that for most pots, it will work just fine, so it felt like a shame not to upload it.

No supports

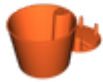
The watering holes have a thin solid layer at the bottom, so that you don't need to use supports. The printer will bridge one layer, you can cut this plastic with a scalpel afterwards.

After you scale the model to your desired size, use the **Cut tool** in your slicer to separate the bottom from the top. This makes the model printable without supports, you just have to use a tiny bit of glue to hold the two parts together (you can check the layer preview to find out exactly at what height to cut).



Featured in this video:

Model files



self_watering_insert.3mf



self_watering_insert.stl

☐ Use the cut tool in your slicer to split this in 2 parts printable without supports

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