



## Prusa I3 MK3S+ Fan Shroud resin version



Area51

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### Summary

Get a smooth shroud fan for Prusa MK3S+, print it in resin.

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The resin-printed fan shroud has smoother surfaces and better reproduction of the model's details, which helps to give the airflow less resistance.

Because the fan shroud is exposed to heat, as it is located next to the heater, it is important that it is made from a material that can withstand the heat without melting or deforming.

The original model from Prusa has a built-in support that had to be removed before printing in resin. I added some fillets on the edges and inside the airway to get a better surface finish.

The 3mf file has my manual support setup for flat fast printing.

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## Print instructions

The fan shroud is a direct replacement for the original, just follow instructions given in the Prusa build/upgrade manual for MK3S+.

## This remix is based on



**Original-Prusa-i3/Printed-Parts at MK3S · prusa3d/  
Original-Prusa-i3**

## Model files



**fan-shroud-s11s.3mf**

📄 SL1S Speed project with manual support setup



**fan-shroud.stl**

[Find source .stl files on Thingiverse.com](#)

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