



Fabrikator Mini Z-Axis Fan Shroud



xythobuz

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Summary

I've made this Z-Axis fan shroud for the right ventilation slits in the Fabrikator Mini V1.5. It is inspired by, and...

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I've made this Z-Axis fan shroud for the right ventilation slits in the Fabrikator Mini V1.5. It is inspired by, and fits right beside, [this X-Axis fan shroud](#), which can be added to the Fabrikator Mini V1.5 without drilling any new holes.

The (25mm) fan is angled by around 10degree in an attempt to reach the Z-Axis stepper motor. It seems to reduce the temperature a little.

[Time-lapse of print process](#)

Print Settings

Printer:

Fabrikator Mini

Rafts:

No

Supports:

Yes

Resolution:

0.2mm

Infill:

15%

How I Designed This

I've already fought with angled parts in OpenSCAD before. This is the first time I'm using the **polyhedron**, which allows parameterizing the angle and still results in a more-or-less nice seam between the objects.

Category: 3D Printer Accessories

Model files



z-fan.scad



z-fan.stl

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

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