



## Prusa i3 MK3S hot extruder, engine cooling and filament dust filter

F Frenky

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### Summary

Extruder cooler, which blows air on the motor, on the gears and at the same time can blow small impurities.

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I have created a new extruder cooler for the Prusa i3 MK3S printer, which blows air on the motor, on the gears and at the same time can blow small dirt out of the filament. Printing without support.

Version 1 - without gear cooling

Version 2 - with gear cooling

Version 2 caused problems on the right side of the X-axis stop.

Version 3 has a narrow cooling tunnel and does not cause problems.

Version 2 has been removed from downloads

Used fan: Noctua NF-A4x10 5 V PWM

# Model files



**version-3.stl**



**version-1.stl**



**optional-part.stl**

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