



## Bear Fan Duct for the EBM Papst RLF35



brokenminded

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### Summary

Bear-compatible fan duct for the EBM PAPST RLF35-8/14N 24V fan.



0.94 hrs



1 pcs



0.20 mm



0.40 mm



PET



10 g



Prusa  
MK3/S/S+

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I wondered, which fan-upgrade would be worth it, so I decided to take a more powerful 5015 fan - the EBM PAPST RLF35-8/14N 24V.

I remixed the original BEAR Fan duct, so credits to Bear Lab [https://github.com/gregsaun/bear\\_extruder\\_and\\_x\\_axis/tree/master/source](https://github.com/gregsaun/bear_extruder_and_x_axis/tree/master/source) and thanks for the great shroud!

The fan duct is not optimized using software, but printing several versions and looking, how to center the air directly under the nozzle. I am pretty impressed by the results I got so far - I also reduced the fan speed for non-bridge lines. I included the Step file, so feel free to remix! Ahoo!

BOM:

- 1 addition M3x20 screw for the right side of the fan
- 10g filament ;)

## This remix is based on



## Model files



**bear\_duct\_papst\_rlf35.stl**



**bear\_duct\_papst\_rlf35.step**

## Print files



**bear\_duct\_papst\_rlf35\_02mm\_petg\_mk3s\_57m.gcode**

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 0.94 hrs ⚖ 10 g 🖨 Prusa MK3/S/S+

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