



## Frugal Fan | Quick & Easy Print



moWerk

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### Summary

Very quick and easy to print fan consisting of just two main layers and some stabilizing struts.



0.48 hrs



1 pcs



0.20 mm



0.40 mm



PLA



15 g



Prusa MK4S

[Seasonal designs](#) > [Summer](#)

Tags: [fan](#) [handfan](#)

Very minimal and frugal FDM-optimized handheld fan for quick and easy printing.

It takes only 30 minutes to print and uses just ~16g of PLA filament.

For a color offset on the struts, change the filament after a 0.4mm z-height.

This fan offers a great opportunity to showcase your fancy build plate patterns on its large back surface.

## Model files

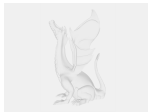
**frugal-fan.3mf**



**frugal-fan.stl**



**frugal-fan.blend**



## Print files

**frugal-fan\_04n\_02mm\_pla\_mk4is\_29m.bgcode**



🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 0.48 hrs ⚖️ 15 g 🖨️ Prusa MK4

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