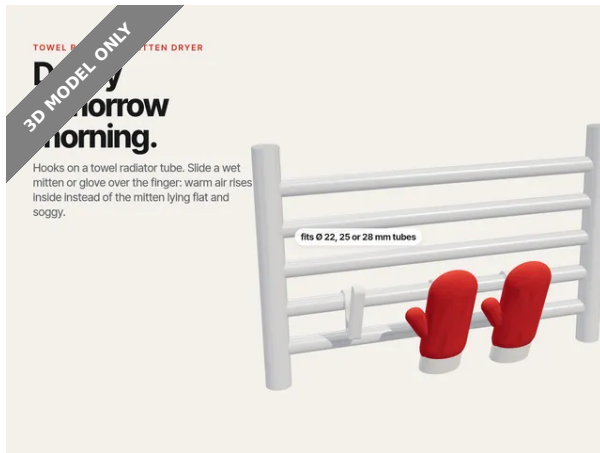




Mitten Dryer for Towel Radiators



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[VIEW IN BROWSER](#)

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Summary

Hook it on a towel radiator, slide a wet mitten over the finger: warm air rises inside. Dry by morning. No supports.

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Wet mittens on a radiator usually lie flat and are still damp in the morning. This hook holds them upright and open over a towel radiator: warm air rises into the mitten and dries the inside too.

How to use it

- Hook it over a horizontal tube of a towel radiator (heated towel rail). The stem rests against the tube, so the weight of a wet mitten keeps it in place.
- Slide the mitten or glove over the finger, cuff down.
- Print one per mitten: the 3MF "paire" files put two on one plate.

Sizes

- Three versions for Ø 22, 25 and 28 mm tubes, the common towel radiator sizes. Measure your tube and pick the closest one (a calliper or a strip of paper around the tube: $\text{circumference} \div 3.14$).
- About 90 × 95 × 16 mm, 33 cm³. The finger is 16 × 16 mm and 85 mm long, fine for child and adult mittens and for most gloves.
- Not for flat panel radiators: they have no tube to hook on.

Print settings

- PETG or ASA. A radiator runs at 60–70 °C and PLA softens and bends.
- Prints lying flat on its side, no supports, 0.2 mm layers, 4 perimeters, 25 % infill. The layers follow the load, so the hook is strong.

Safety

- Do not cover a radiator's thermostat or block an electric towel rail's heating element. Check your radiator's maximum surface temperature for your filament.
- First prints are being tested. If the hook is loose or tight on your tube, tell me and I will add a size.

Designed with AI assistance (parametric Python script, manifold3d).

En français

Séchoir à moufles pour sèche-serviettes : le crochet s'accroche sur un tube horizontal (Ø 22, 25 ou 28 mm), la moufle s'enfile sur le doigt, poignet en bas, et l'air chaud monte à l'intérieur. Sèche pour le lendemain matin. À imprimer en PETG ou ASA (le PLA ramollit sur un radiateur), à plat, sans supports. Un séchoir par moufle : les fichiers « paire » en mettent deux sur un plateau.

Model files



paire-25.3mf



paire-28.3mf



paire-22.3mf



seche-moufles-25.stl



seche-moufles-22.stl



seche-moufles-28.stl

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