



## Dehydrator tray extensions



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updated 26. 5. 2024 | published 26. 5. 2024

### Summary

These are tray spacers for a Commercial Chef CCD100W6 that snap together and can be printed in vase mode.

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I really liked the idea of the original model, but I remixed it so that each segment can snap together without any extra brackets. I also simplified the design so each segment could be printed in vase mode resulting in 2mm thick walls. Combine 3 segments for each extension.

I printed using the following settings:

- print the model upside down so the offset is at the top
- I used PETG material
- 0.40mm nozzle at 0.20mm layer height
- enable vase mode
- force “external perimeter” extrusion width to 1.0mm

This will generate 2mm thick walls that seem to be plenty strong. I've stacked these on the 5 trays so I can dry a whole drybox worth of filament: 4 rolls + desiccant.

Interestingly, with PETG material (both Overture PETG and Prusament PETG) I've noticed some shrinking/distortion of the sidewall at about 13mm up (~1/2"). No idea if this is a printer issue or just filament shrinking with something so thin and tall. The result creates a perfect fit between the trays, though, so I'll take it.

Final dimensions when assembled:

- 234mm inside diameter
- 238mm outside diameter
- 57mm tall (not including 5 mm bottom lip)

Note: the model is actually 1mm larger in diameter than the above, but with PETG shrinkage seems to fit these dimensions pretty well.

## Support

If you like my models and want to make my day, you can [buy me a ☕](#)!

## This remix is based on



**Dehydrator Tray Extension for Commercial Chef  
CCD100W6 (formerly Westinghouse WFD100W)**

by David H. Brown

## Model files



**chef-dehydrator-tray-spacer.stl**



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**vase-mode-dehydrator-spacer.3mf**

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