



Large Flower Pot with Saucer in Various Sizes



Lucky Resistor

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Summary

Explore a versatile collection of 55 sizes of a large flower pot with an accompanying saucer.



18.30 hrs



2 pcs



0.32 mm



0.60 mm



PET



960 g



Prusa XL

[Household](#) > [Outdoor & Garden](#)

Tags: [pot](#) [plate](#) [rounded](#) [flower](#) [planter](#) [air](#) [large](#) [saucer](#) [ventilation](#) [xl](#) [classic](#) [drainage](#) [sizes](#) [matching](#) [many](#) [multizise](#)

Introducing a traditionally designed large flower pot complemented by a matching saucer, this creation is a blend of classic aesthetics and practicality. The pot, characterized by an octagonal shape with softly rounded corners, boasts a gently curved side. A robust frame at the top not only ensures stability but also enhances its classic appearance. To break the monotony of the plain sides, I've incorporated three decorative lines around the middle.

The pot's base is reinforced with two ribs, providing solid support when filled with wet soil. Multiple small drainage holes are strategically placed to efficiently expel excess water while preventing soil washout and promoting air circulation.

The accompanying plate echoes the pot's outline and dimensions precisely. It features a network of spacing ribs, facilitating swift drainage and air flow, thus preventing moisture stagnation.

This collection offers 55 size variants, accommodating a range of printers from the large Prusa XL to the standard Prusa MK3S+. Each pot size in this set is constructed with approximately 2.5mm thick walls, ensuring durability in challenging conditions.

Printing the Pot and Saucer

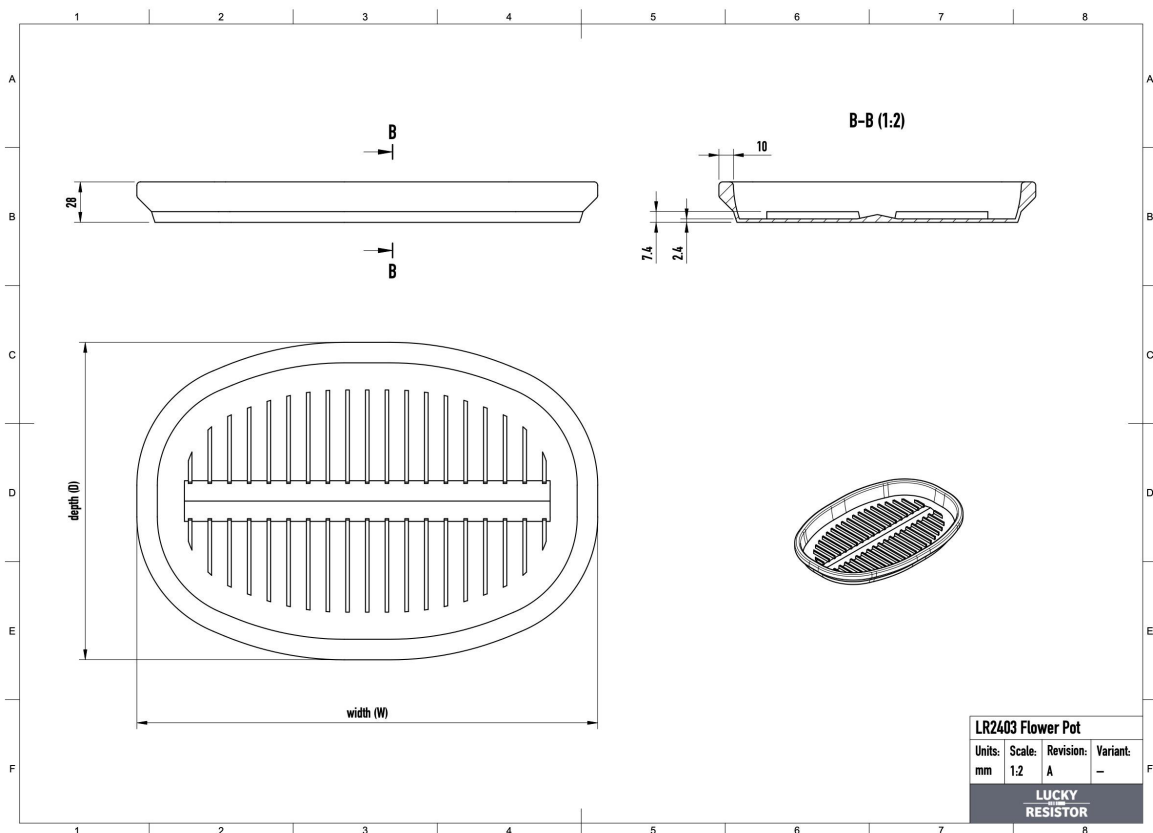
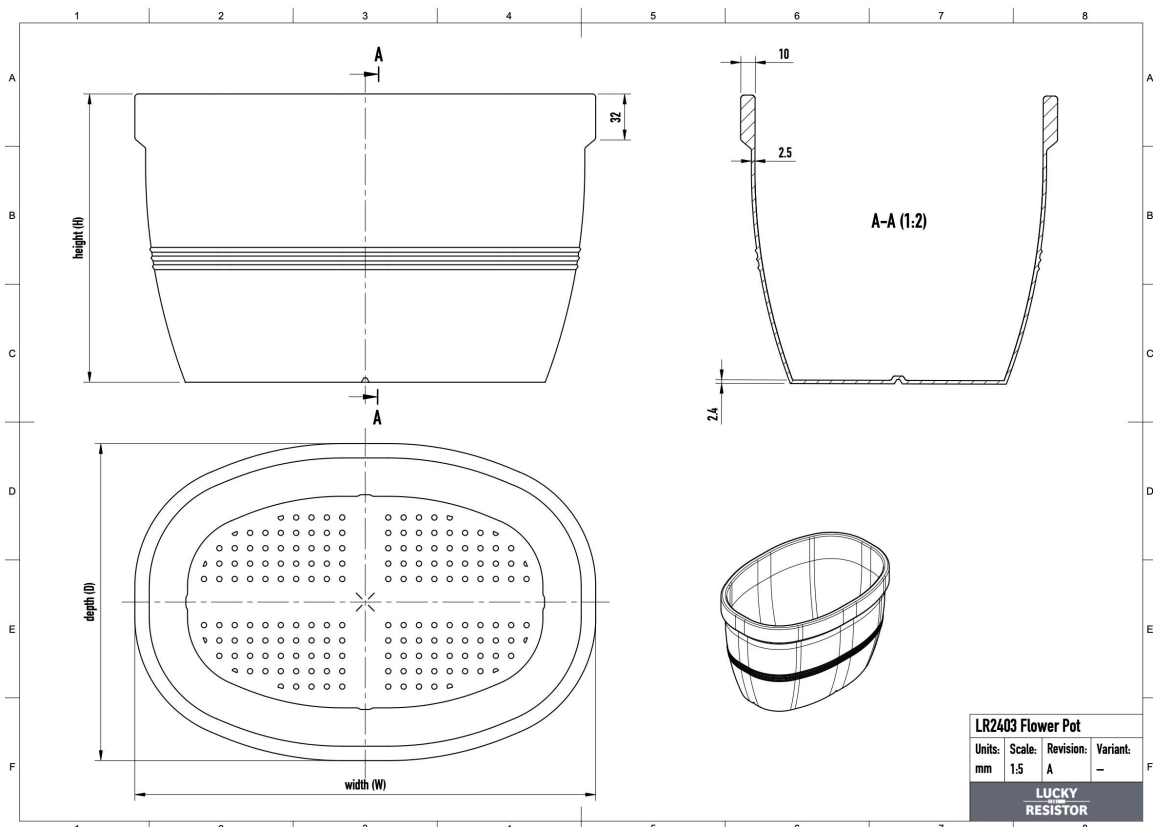
Within the file section, you'll find PrusaSlicer example projects specifically for Prusa XL, along with basic settings as a starting point for your prints. Additionally, the table below provides detailed printing parameters:

Parameter	Description
Orientation:	Refer to the example project.
Nozzle Size:	See below for details.
Layer Height:	See below for details.
Filament Materials:	Recommended PETG, ASA, etc.
Perimeters:	Choose between 2 or 3.
Infill:	Suggested at 15%.

Nozzle Size and Layer Height

Initially targeting a 0.8mm nozzle, I pivoted to a 0.6mm nozzle due to optimization issues, achieving satisfactory results. The pot's 2.5mm thick walls are compatible with nozzle sizes of 0.4, 0.6, and 0.8mm, corresponding to layer heights of 0.2, 0.32, or 0.4mm, respectively.

Dimensions



Each model file's filename encodes the width (W), depth (D), and height (H) dimensions of the pot.

Locating the Model Files

All the 3D models for the pot and saucer can be found in the “Files” tab, nestled under the “Other Files” category. To streamline your experience, I've organized them into separate ZIP files based on file format—choose from STL, 3MF, or STEP files according to your needs. Simply download the ZIP file that corresponds with the format you require.

In the Store: Fusion 360 Design

I sell the Fusion 360 design for this and other flower pots in the Printables store. By buying this design, you are supporting future designs and make all the free downloadable content possible.

[Printables Store: Flower Pots - Fusion 360 Designs](#)

Explore More 3D Models

Check out the following blog post for a visual overview of all the flower pots and saucers I've designed:

- [Designing 3D-Printable Pots](#)

I invite you to discover other intriguing designs I've crafted:

[>>> Browse all my 3D models <<<](#)

Conclusion

I'm particularly fond of the slightly octagonal form of these flower pots and am exploring more unique designs. I hope these prove useful for your gardening endeavors. If you appreciate these models, kindly rate this project and share photos of your prints!

Happy printing!

Model files



Showcase (Download ZIPs for all Model Files)

18 files



lr2403-plate-h200-w200-d180.3mf



lr2403-plate-h200-w280-d220.3mf



lr2403-pot-h200-w355-d300.3mf



lr2403-plate-h160-w280-d220.3mf



lr2403-pot-h200-w320-d260.3mf



lr2403-plate-h200-w320-d260.3mf



lr2403-plate-h200-w355-d300.3mf



lr2403-plate-h160-w200-d180.3mf



lr2403-plate-h160-w355-d300.3mf



lr2403-plate-h300-w355-d300.3mf



lr2403-plate-h300-w200-d180.3mf



lr2403-pot-h160-w280-d220.3mf



lr2403-pot-h160-w355-d300.3mf



lr2403-pot-h200-w280-d220.3mf



lr2403-pot-h200-w200-d180.3mf



lr2403-plate-h160-w320-d260.3mf



lr2403-pot-h160-w320-d260.3mf



lr2403-pot-h160-w200-d180.3mf



Example Prints

2 files



print-lr2403-plate-h200-w320-d220.3mf



print-lr2403-pot-h200-w320-d220.3mf

Print files



print-lr2403-pot-h200-w320-d220_06n_032mm_petg_xlis... .bgcode

PET 0.60 mm 0.32 mm 12.41 hrs 665 g Prusa XL



print-lr2403-plate-h200-w320-d220_06n_032mm_petg_xl... .bgcode

PET 0.60 mm 0.32 mm 5.89 hrs 295 g Prusa XL

Other files

lr2403-catalog.pdf

lr2403_stl.zip

Download this ZIP to get all model files in STL format.

lr2403_3mf.zip

Download this ZIP to get all model files in 3MF format.

lr2403_step.zip

Download this ZIP to get all model files in STEP format.

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