



## 120mm Filter Block for Creality Enderplus 3D / Elegoo Neptune Enclosure



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### Summary

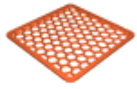
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I bought an enclosure for my 3d printer on amazon (Enclosure Name: Creality Enderplus 3D Printer Enclosure 550mm x 650mm x 750mm) . This enclosure fits perfectly my Neptune 4 Pro and I decided to design a filtration block for it to reduce plastic smell and fumes, I'm not printing anything more toxic than PLA/PLA+ so I think this solution is good enough. It has a compartment where you can fit 120mm fan (Noctua NF-F12 5V in my case) and replaceable filter (I found one with perfect size and activated carbon inside: Hunter F1715HE5 HEPA Replacement Air Filter). The holes in the model have 2.5mm diameter but because of slight overextrusion on inside walls the printed holes have a diameter around 2.1mm for me. So you would need 2.5x8mm or 3x8mm screws depending on precision of your printer.

# Model files



**filter-grid.stl**

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**filter-hull.stl**

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**filter-plate-1.stl**

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**filter-plate-2.stl**

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**filter-plate-holder-right.stl**

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**filter-plate-holder-left.stl**

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**filter-plate-joint.stl**

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