



## Hyte Y40 - Airflow Mod - panels, grommets and seals



**jurassic73**

[VIEW IN BROWSER](#)

updated 8. 4. 2023 | published 8. 4. 2023

### Summary

Covers, grommets and trim to help isolate Hyte Y40 air flow from front to back-ish to improve cooling.

[Gadgets](#) > [Computers](#)

Tags: [cooling](#) [pc](#) [hyte](#) [y40](#) [hytey40](#)

This is a set of pieces to help the Hyte Y40 intake air make it out the back vs the closest exit. This helps ensure air passed past the GPU/CPU and out the back/bottom more than just the closest exit. I'm not a thermal engineer but this seemed to help my situation of cooling the case with the (2) 140mm intake fans and ensure those fans pull in outside air only and push it out the back vs top,sides or recirculate air locally to the fan from the back of the case.

Print as oriented.

The top pieces can be glued together. If using superglue, be careful to not use so much it leaks through else a haze can occur.

The bottom pieces may or may not fit with full size motherboards.

Grommets print well with TPU and a calibrated extrusion multiplier as there are some tight openings for the flaps. The TPU pieces use a shim that glues in to place on the side that's only a single layer of metal. You will be able to figure this out when installing. I used a few drops of super

glue to secure the TPU grommets.  
The fan seals use super glue to attach as well.  
I also used 10mm x 2.5mm magnets for those that use magnets.

## Model files

**hyte\_y40\_fan-seal\_160.3mf**

---

**hyte\_y40\_24\_pin\_grommet\_spacer.3mf**

---

**hyte\_y40\_sata\_grommet\_spacer.3mf**

---

**hyte\_y40\_24\_pin\_grommet.3mf**

---

**hyte\_y40\_inside\_front.3mf**

---

**hyte\_y40\_sata\_grommet.3mf**

---

**hyte\_y40\_top\_cover\_front.3mf**

---

**hyte\_y40\_top\_cover\_back.3mf**

---

**hyte\_y40\_fan-seal\_145.3mf**

---

**hyte\_y40\_intake\_fan\_trim.3mf**

---

**hyte\_y40\_inside\_back\_back.3mf**

---

**hyte\_y40\_top\_cover\_rear.3mf**

---

**hyte\_y40\_inside\_back\_front.3mf**

# License

This work is licensed under a  
**Creative Commons (4.0 International License)**



**Attribution—Noncommercial—Share Alike**

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition