

Titan Aero fan duct



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[VIEW IN BROWSER](#)

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Summary

5015 part cooling fan duct for Titan Aero

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[anycubickobra](#) [5015fan](#) [5015blowerfan](#)

Mount for Anycubic Kobra can be found [here](#)

Mount for Titan Aero can be found [here](#)

The rest of the discription and all the CG pictures are copied from the original [Thingiverse](#)

The basis of this duct is the project of the respected achmed20 (<https://www.thingiverse.com/thing:3364313>). The changes I made:
Reduced the height of the outlet channels, while increasing the area of the outlet openings. This is done because in my case the original design touched the thermistor from the output side of the wires, which led to the melting of the part in this place. The total area of all the outlet openings was even larger than the area of the outlet window of a standard 5015-fan. This should favorably affect the throughput of the duct, because this

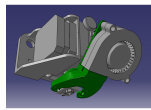
eliminates excessive air pressure inside the product.

I also changed the shape of the internal structures of the air channels, making them smoother, to reduce the noise level.

The parts marked on the screenshot with the numbers "1", "2" are made more durable. Now the fan 5015 is flush against the base, and the edge "2" is no longer broken off during the installation of the fan.

Thanks achmed20 for a great idea! Other elements of his mounting system I use as is.

This remix is based on



Titan Aero fan duct

by ProcyonLotor

Model files



fan_duct_v2.stl

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