

UPDATED Satsana 5015+4020 fan+BLTouch for Ender 3 / Ender 3 Pro



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Summary

This is an update of my Satsana 5015 mod for 4020 hotend fan and BLTouch mount (compatible with Micro Swiss DD)

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[satsana](#)

Updates:

I made following changes to my Satsana 5015 remix for 4020 fans and BLTouch:

- Changed the position and the mount for the BLTouch. The mount is now on the left side and fully integrated into the shroud.
Change the X, Y, Z offsets to:
`#define NOZZLE_TO_PROBE_OFFSET { -52, -11, 0 }`
- Designed a new fan guard in hexagon style.

Printing Details:

- The duct needs **NO supports** for printing. Please **rotate** the model in your slicer, so that the **mounting side** of the duct is **facing down**, and the **opening for the fan is facing up**.
- Resolution 0.2mm
- Infill: 20%

See also [my other prints](#) if you like the filament sensor, extruder knob and more. Thanks!

Credits go to Eric Anastas for the great design!

If you like my stuff then please leave a [like](#) and post a make. Thanks!

This remix is based on



Satsana 5015 + 4020 + BLTouch + Micro Swiss Direct Drive (Ender 3 Pro)

by Fozi

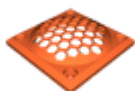
Model files



satsana_ender_3_bltouch_left_v2.stl



satsana_ender_3_cable_cap_v2.stl



fan_guard_hexagons.stl

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