



DIY PAPR Blower



hypnolobster

[VIEW IN BROWSER](#)

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Summary

An early attempt at a diy PAPR blower using Milwaukee batteries, Roomba filters, and a 120mm blower fan

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Inspired by but not related to (or using models from) <https://www.thingiverse.com/thing:3454725> "Air Supply - Respirator" by mbonadurer.

Posted, but I don't recommend you actually build this. Pillage ideas if needed, but this is very much a work in progress (and I've made no progress in ~2 years).

Uses a 120mm blower fan, voltage cutoff and regulator modules with a M18 battery. Filters are a pair of Roomba HEPA filters, with a charcoal filter screen behind them.

Model files



120mm-papr-v19.3mf



120mm-papr-v19_120mm-papr-v19_switch-housing_1_swit... .3mf



120mm-papr-v19_120mm-papr-v19_filter-housing_1_body1 .3mf



120mm-papr-v19_120mm-papr-v19_switch-housing_1_swit... .3mf



120mm-papr-v19_120mm-papr-v19_m18-battery-mount_1_b... .3mf



120mm-papr-v19_120mm-papr-v19_blower-housing_1_body1 .3mf



120mm-papr-v19_120mm-papr-v19_bayonet-mount_1_body2.3mf



120mm-papr-v19.f3d

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