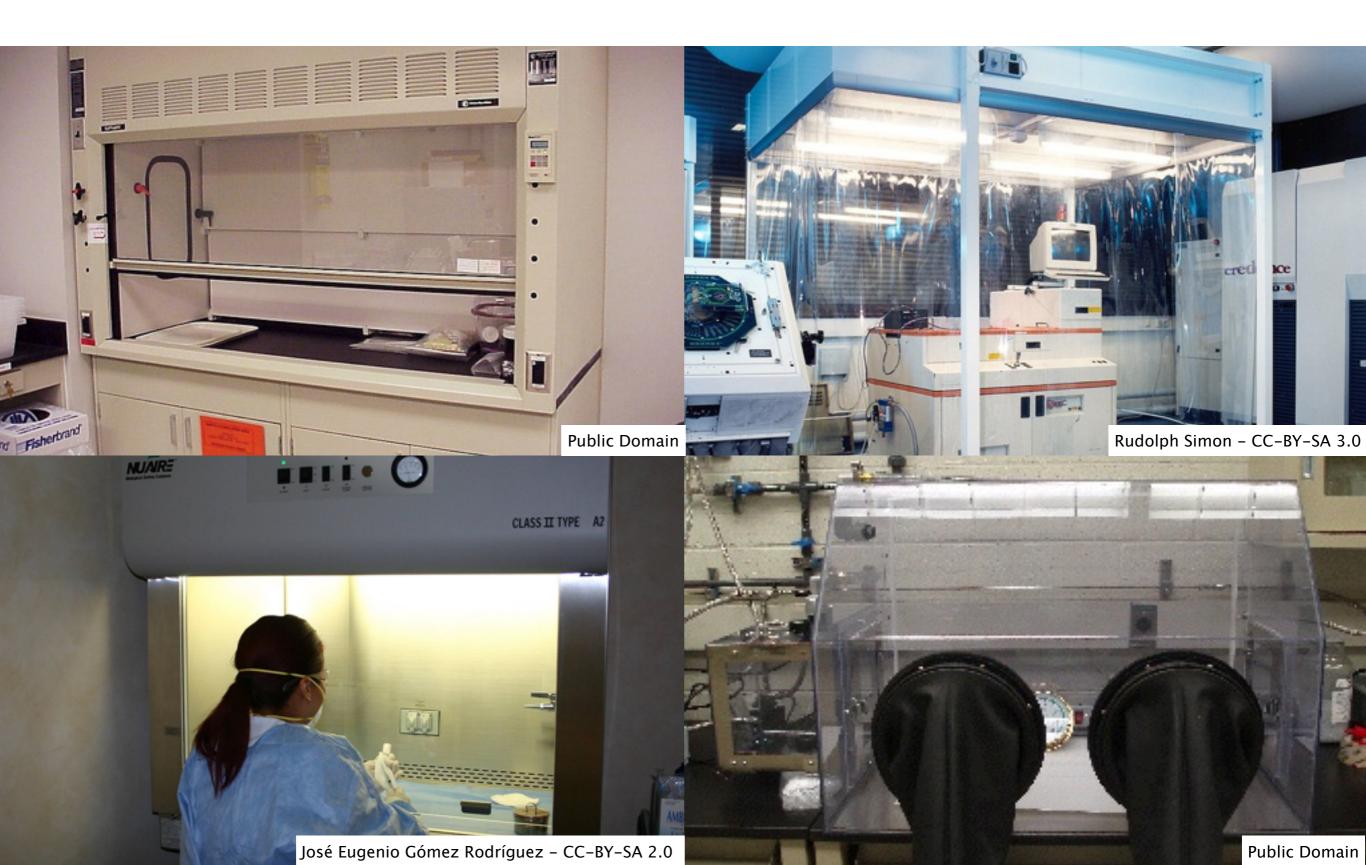


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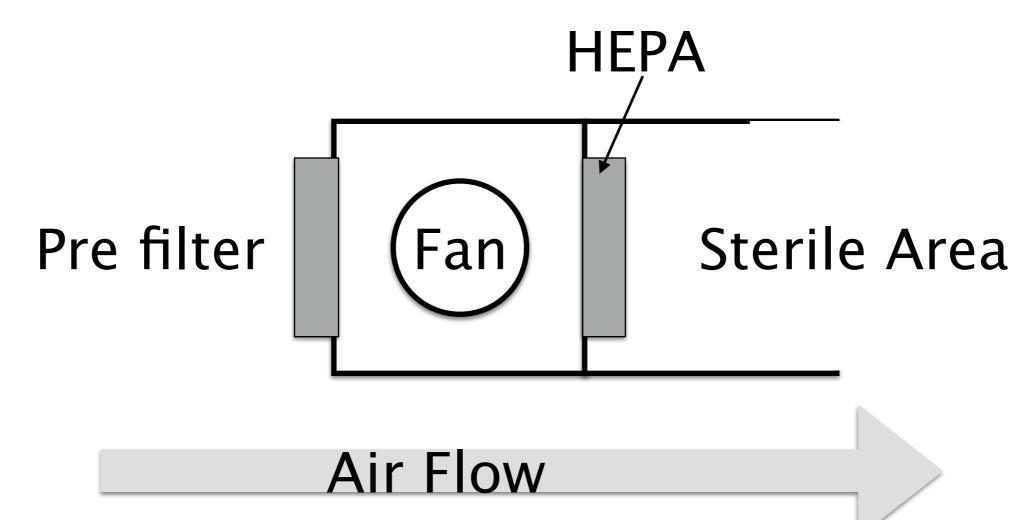






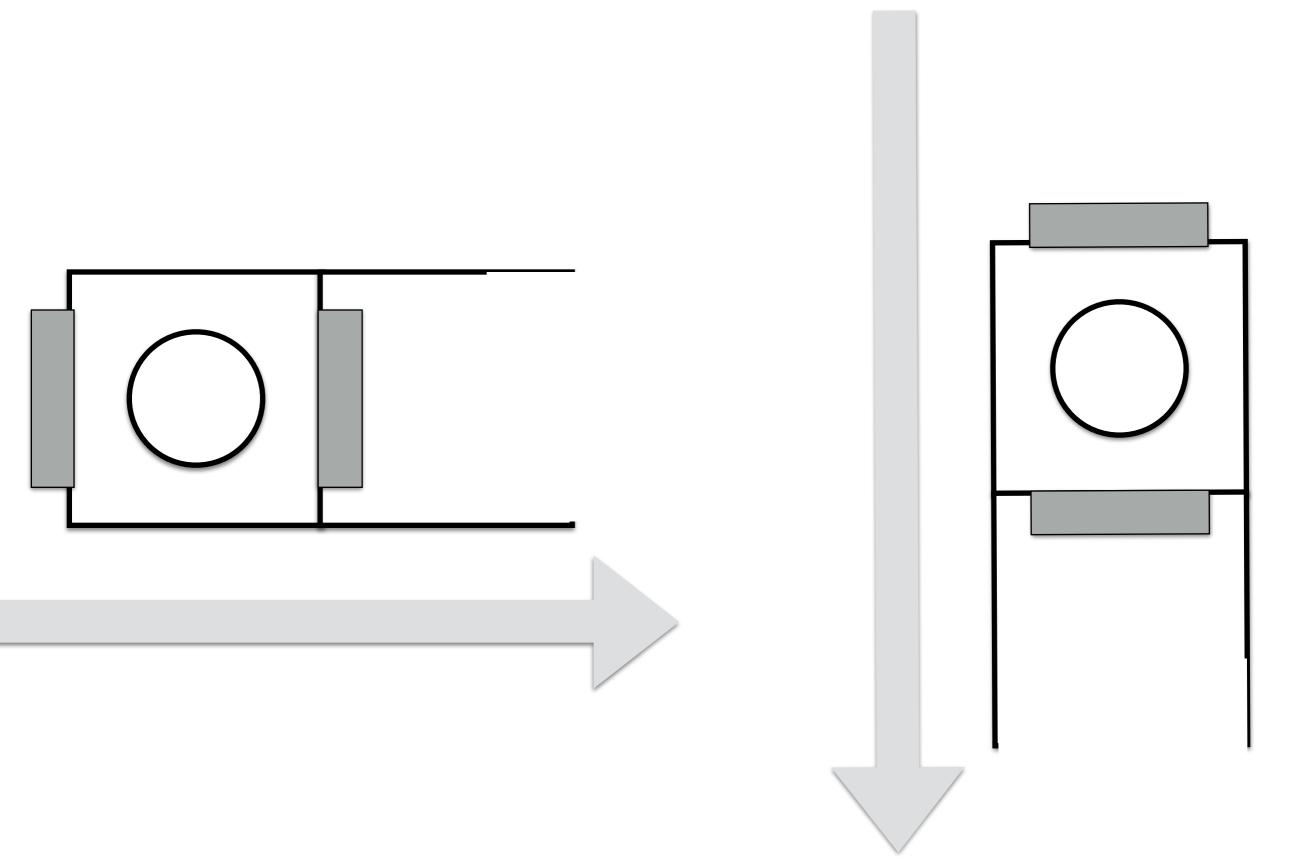
Components

- Pre filter
- Fan
- HEPA Filter
- Minimal air flow of 0.5 m / second



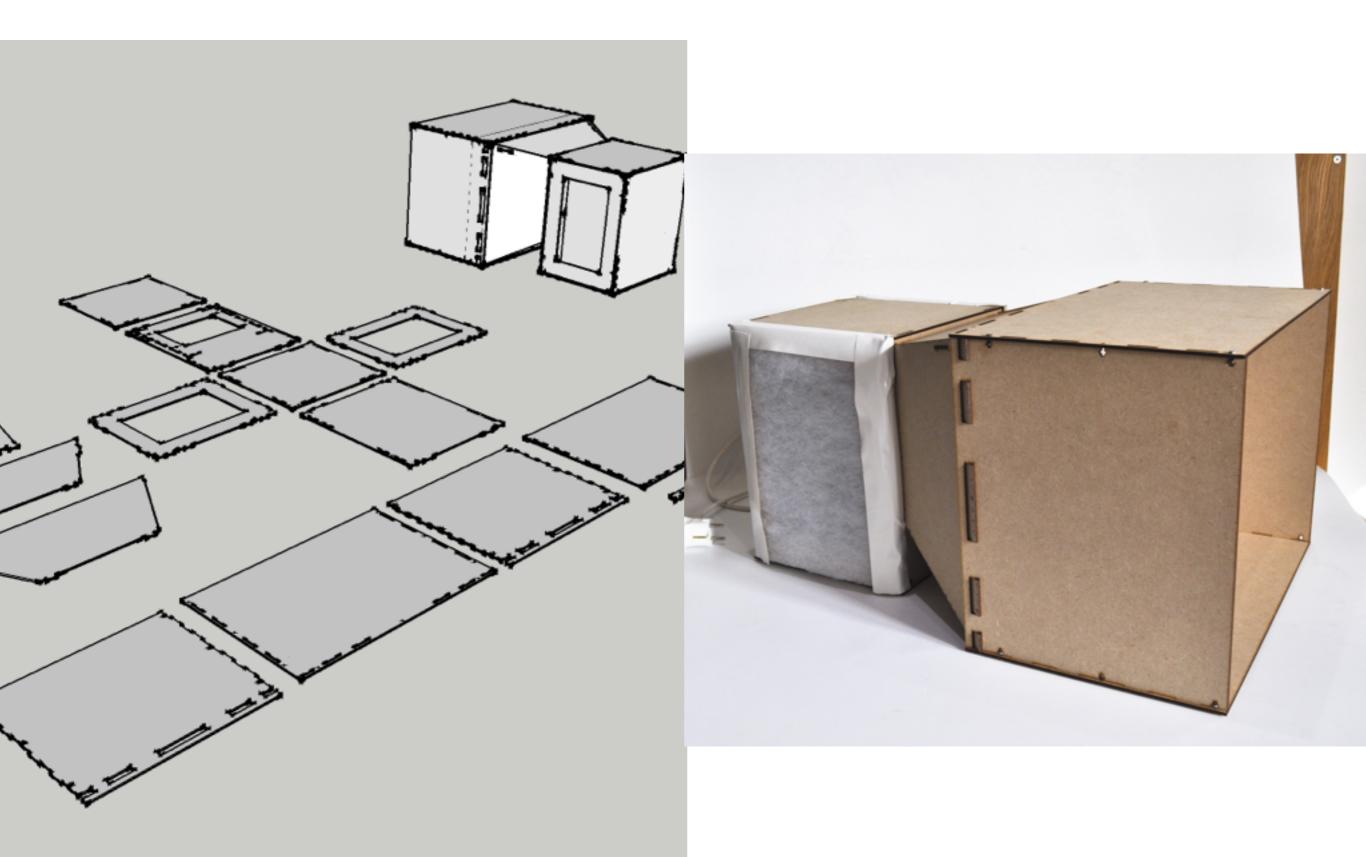


Horizontal vs Vertical airflow





BioHack Academy Design





- Fellowes office air filter
- 0.3 micron pores
- 99.97% filtering
- H14 class
 - EN1822 standard

Blower

- Calculate the airflow
- Needed:
 - $0.41 \times 0.32 \times 0.5 =$
 - 0.0656
 - cubic meter / second
 - 236.16
 - cubic meter / hour
 - We choose 250 cubic meter / hour





Test results

