



## Air Filtration Systems Performance Shootout

Time required to clear particles > 0.5 microns filtered from a concentration of 1M/ft3 (dangerous) to 30,000/ft3 (healthy)

Time to Clear the Air (minutes)

\$100 - \$200 and no maintenance



15

Shop Hacks Ultimate DIY Air Filtration system  
([shophacks.com/shop](http://shophacks.com/shop))

\$500



41

Powermatic PM1200

\$180



61

Honeywell HEPA Air Purifier

\$180



65

Box Fan with 3M MERV 8/11 Filter Stack

\$126



107

WEN 3410



200

Box Fan with discount MERV 12 Filter  
**DO NOT USE CHEAP FILTERS**

500

No Air Filtration