



USING A HEPA FILTER

Use a wood stove for residential heating? It might be a significant source of air pollutants.

HEPA Portable Air Cleaners are air filtration units that can help remove the tiny particulate matter generated by your wood stove.

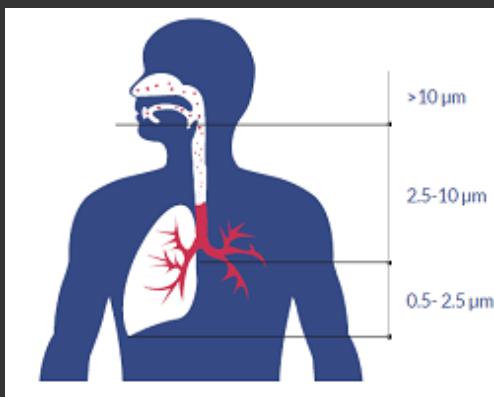
The model of HEPA purifier you use depends on the size of your residence.

PM2.5 POLLUTANTS



Residential wood stoves are a significant source of PM2.5 particles throughout the winter months. Since most people spend about 90% of their time indoors, mostly in their homes, much of their exposures to airborne pollutants will happen in the home.

HEALTH PROBLEMS



Particles in the PM2.5 size range are able to reach the lungs

Short term: eye, nose, throat and lung irritation, coughing, sneezing, runny nose and shortness of breath

Long term: increased risk of respiratory and cardiovascular diseases

HEPA AIR CLEANERS



Portable air cleaner units with small HEPA filters inside, that plug into a standard wall outlet in your home help to filter out indoor pollutants.

Although by itself, HEPA filtration is not enough to protect people from exposure to the virus that causes COVID-19.

Operation and Maintenance

- Turning on the purifier: there will be a set of control buttons either directly on the machine or a handheld remote. Follow the instructions of your model.
- Maintaining the purifier: replace the HEPA filters at least once a year, and the carbon filters from 3-6 months.

Sources:

<https://www.health.ny.gov/environmental/indoors/air/>,
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6384090/>,
<https://www.missoulaclimate.org/hepa-air-filtration.html>