

Materials

needed to make your own air cleaner

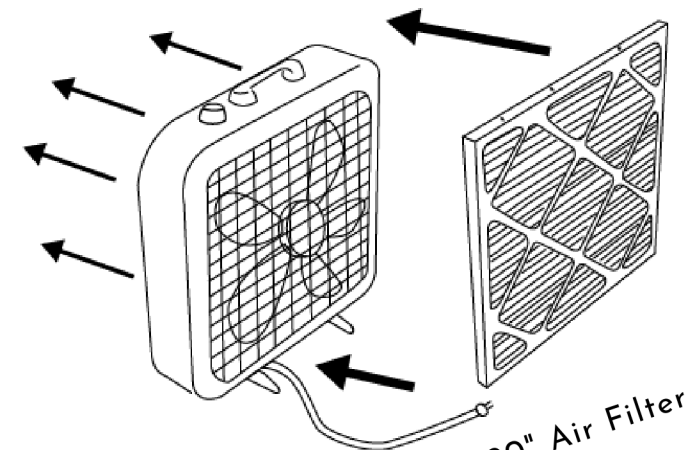


OR



Duct Tape
2 Bungee Cords

+



20" X 20" Box Fan
Only use certified fans with with
UL/ETL marking (year 2012 or
newer)

20" X 20" Air Filter
Rating should be
MERV 13 or better

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different
environmental
programs

Website

www.hoopatepa.org



SCAN ME



DO-IT-YOURSELF

AIR CLEANER



STEPS FOR ASSEMBLY

Place filter on the back (air intake side) of the fan.

1



The arrow on the side of the filter should point towards the fan

Use duct tape or bungee cords to attach the filter securely to the fan.

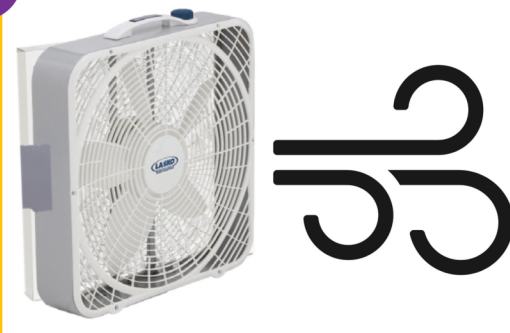
2



Use tape or cords around the edges and do not block the air flow through the fan

Place the fan in an area away from any obstacles and turn the fan on.

3



Run the fan on high if the air quality is poor, but switch it to medium or low.



Keep all windows and doors closed during a wildfire or unhealthy air quality advisory.

4

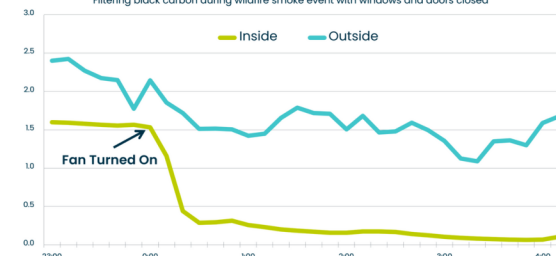


If you leave the room, turn off the fan. Do not place the fan in the bathroom near water.

HOW EFFECTIVE ARE DIY AIR CLEANERS?

Filter Fan Performance

Filtering black carbon during wildfire smoke event with windows and doors closed



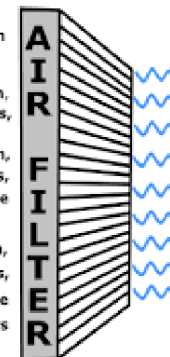
Source: Puget Sound Clean Air Quality

A small room can be cleaned in 15 minutes.

WHICH FILTER RATING WORKS BEST?

MERV

6	Lint, Household Dust, Pollen
8	Lint, Household Dust, Pollen, Dust Mites and Mould Spores,
11	Lint, Household Dust, Pollen, Dust Mites and Mould Spores, Pet Dander, Smoke, Cough/Sneeze
13	Lint, Household Dust, Pollen, Dust Mites and Mould Spores, Pet Dander, Smoke, Cough/Sneeze Bacteria and Virus Carriers



The MERV rating depends on many factors such as the size of the space and the amount and type of air pollution.