

# DO-IT-YOURSELF AIR PURIFIER

AT LOW COST

SEEN



Stay informed  
about air quality in  
the Valley in real  
time



Real-Time Air  
Advisory Network  
(RAAN)



## Materials

You can get these materials at:  
Amazon, Walmart, Lowe's & HomeDepot.  
\*Prices vary\*



\$25



\$10



\$5

VOC - volatile  
organic  
compounds

Total:  
\$40 + taxes



20" x 20" Square Fan

20" x 20" X 1" Air Filter (MERV 13  
or Higher Rating)

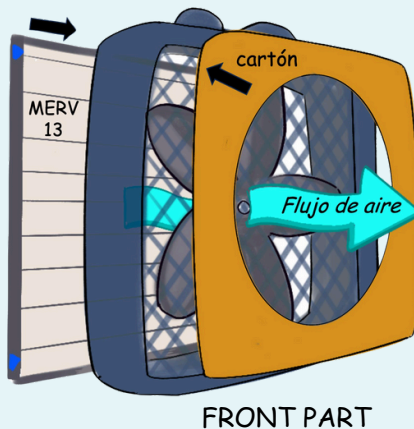
Adhesive tape (Thermal  
or low VOC)

## Types of Assemblies

### Simple Design (1 filter)

1. Using masking tape, attach the air filter to the back of the square fan.

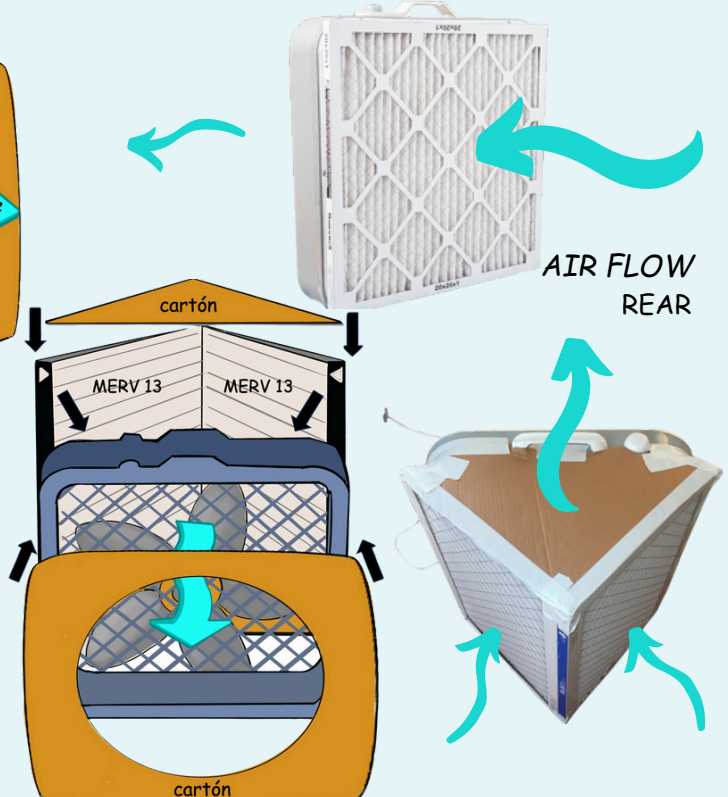
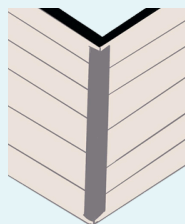
(You can add a cardboard in the front for safety and noise reduction)



The simple design will not be as efficient as an industrial system, but it can help improve air quality in small spaces.

### Triangular design (2 filters)

1. Using tape, glue the two filters together and open them into a triangle shape.
2. Glue 1 triangular cardboard on top and 1 on the bottom.
3. Using adhesive tape, attach the triangular structure to the back of the fan and seal it.

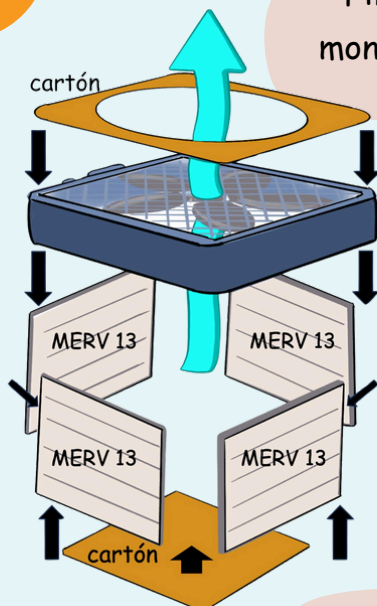


## Types of Assemblies

### Box Design (4 filters)

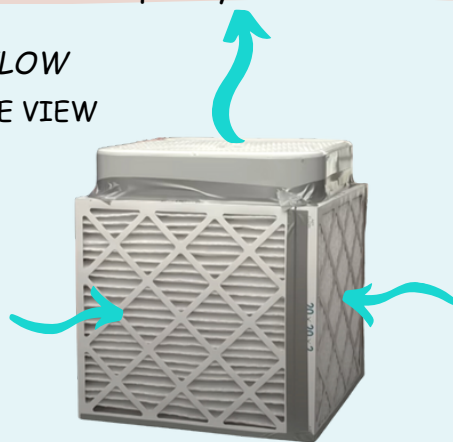
1. Form a box structure with the filters as walls using tape
2. You can use cardboard as the base of the box and seal it with tape.
3. Place the fan upright on the box frame and seal it.

(You can add a cardboard on top)



Filters will need to be changed every 1-3 months depending on the design you use and the air quality.

AIR FLOW  
SIDE VIEW



## Installation

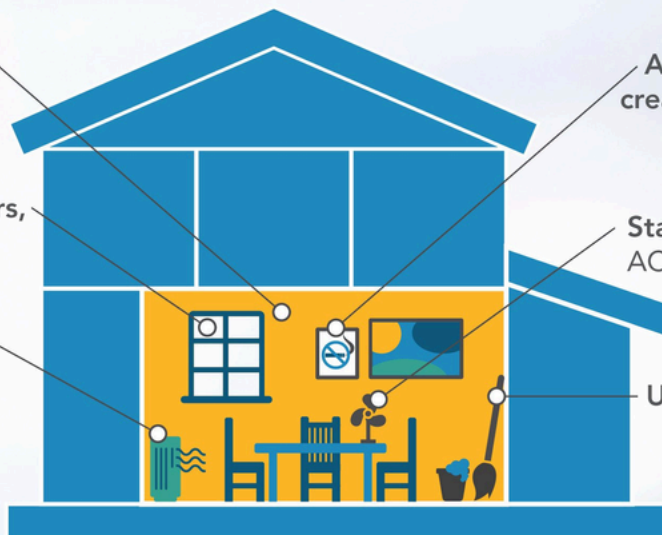
The design of the purifier must be considered depending on the space where it will be installed.

### Create a Cleaner Air Space

Choose a room that fits everyone and is comfy enough to spend time in.

Close windows and doors, but do not block exits.

Filter the air. Use a certified portable air cleaner and run continuously on the highest setting.



Avoid activities that create smoke or other particles indoors.

Stay cool. Run fans or AC on recirculate with a new filter.

Use a damp cloth or mop to trap settled dust and particles.

Sponsored by:



## Additional Resources



REQUEST YOUR  
UNIT HERE

The District's Clean Air Rooms Program provides free filtration units to Valley residents. (\*Unit availability may be limited by postal code and seasonally.)

For more information, please contact us:

**SEEN**

SocioEnvironmental and  
Education Network

air@seen.team  
seen@seen.team

