

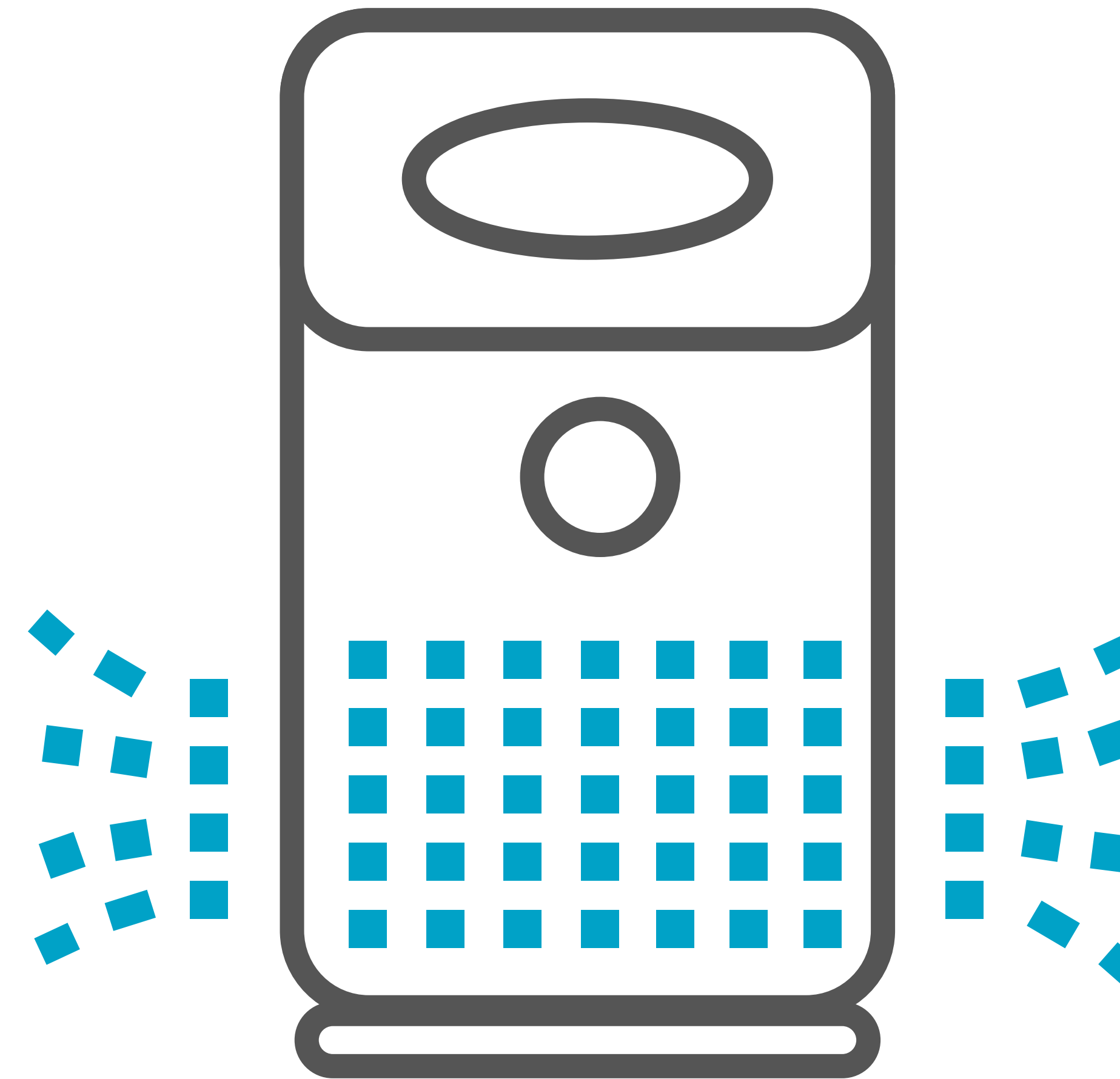
Portable Air Cleaner Calculator

Helps small businesses find portable air cleaners to reduce the spread of COVID-19

Challenge

How can we help small businesses reduce the spread of COVID-19?

Portable air cleaners provide small businesses additional protection against the spread of COVID-19; however, business owners need to select an appropriate machine to effectively ventilate their space.



Outcome & Impact

A web application based on research from air quality experts at Harvard and University of Colorado Boulder that helps users find affordable and effective air cleaners.

Our tool helps businesses operate safely and protects the health of employees and customers.

User Input Form

Step 1: Room Dimension

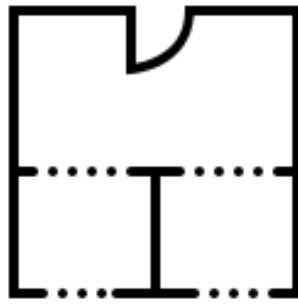
Units

*Reference your floor plan

Room length

Room width


Ceiling height



Find Air Cleaner

Recommended Portable Air Cleaners

Filter Criteria	
Price	+
Power	+
Noise	+



Levoit Vital 100 True HEPA Air Purifier

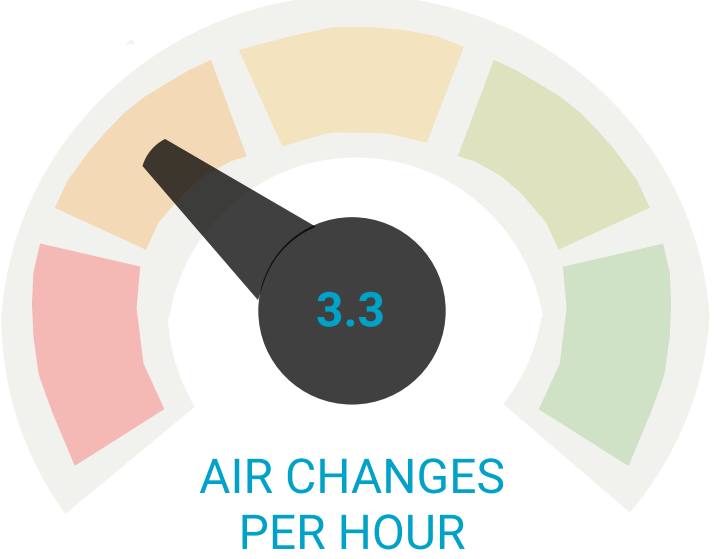
Noise: 50 decibels Power: 80 W Size: 30 x 30 x 20

\$119.99 ACH: **6.4**

Test Air Cleaner

Efficiency Dashboard

Is your room meeting recommended guidelines?



AIR CHANGES PER HOUR

Bare Minimum

Recommended Room Size	300 ft ²
Ventilation Rating:	Poor
Room Volume:	300 x 300 x 8
CADR:	300
Occupancy Recommendation:	7 persons