

A QUIETER CLASSROOM IS A BREATH OF FRESH AIR

A portable HEPA purifier from Honeywell improves air quality and reduces noise at this Minneapolis public school

Case Study

“I would highly recommend this portable HEPA purifier as it is simple to operate, easy to move around your space, and it is quiet enough to not be a distraction.”

Karina H.
Second-Grade Teacher
Minneapolis, MN

Honeywell

CLEAN THE AIR WITHOUT THE NOISE

As schools work to keep students on track in the wake of COVID-19, many find that improvised safety measures can create unforeseen challenges. At one Minneapolis school, a temporary set of noisy air purifiers posed a daily classroom disruption – until an efficient, quiet Honeywell purifier helped students breathe a sigh of relief.

THE CHALLENGE

Second-grade students wear masks during class, making them difficult to hear.

The prior portable air purifier was outdated – loud, large, and difficult to move.

Its noise frequently drowned out students.

It also churned out uncomfortable blasts of cold air, creating a distraction for anyone seated nearby.

THE SOLUTION

As Minneapolis Public Schools work on COVID-19 plans for broader safety upgrades and HVAC improvements, some schools have still been able to bring students back with safety protocols that include the use of portable air purifiers to help filter the air in each class. Unfortunately, the older devices on hand are also extremely loud, with limited settings.

In one second grade class where students wear masks throughout the day, they've struggled to make themselves heard over the noise. The outdated purifier also had a tendency to create unpleasant blasts of cold air that proved to be a serious distraction for students seated nearby.

So the local Honeywell branch offered one of its newer HEPA air purifiers to see whether it could do the job more effectively – and the improvements were pronounced.



The Honeywell HEPA Smart Portable Air Purifier is small and lightweight, which has made it easy for the teacher to move it around a crowded classroom as needed. More importantly, it's extremely efficient and quiet – providing highly effective air filtration without the distracting blasts of cold air and noise.

Students and teacher alike have been grateful to have a simple, effective option that provides the temporary safety improvements they need while also helping students stay focused and comfortable.

THE BENEFITS

- Honeywell HEPA Smart Portable Air Purifier offers four quiet cleaning levels ranging from 42–59 dB
- Certified HEPA filter reduces up to 99.9% of certain bacteria, mold spores, and viruses, and captures up to 99.97% of allergens 0.3 micron and larger, as well as other irritants like dust, pollen, and smoke ^{1,2}
- Powerful yet quiet airflow cleans larger rooms up to 465 square feet (43.2 square meters)
- Energy Star qualified for efficient energy use
- Bluetooth® SMART v4.0 – compatible with Apple and Android™ mobile apps to provide remote scheduling, alerts for allergens and volatile organic compounds (VOCs), and filter-change reminders

¹ From the air that passes through the filter, 0.3 microns and larger. Overall particle reduction depends on many factors.

² Based on independent testing, report 100954017COL-001. Results are based on the testing of the reduction of the following mold and viruses in the air after 30 minutes of use, operated on the turbo (high) setting: Mold: A. pullulans - 99.9%, Virus: MS2 - 99.9% and the reduction of bacteria in the air after 1 hour of use operated at the turbo (high) setting Bacteria: E. coli - 99.9%.

For more information

hwl.co/healthybuildings

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