

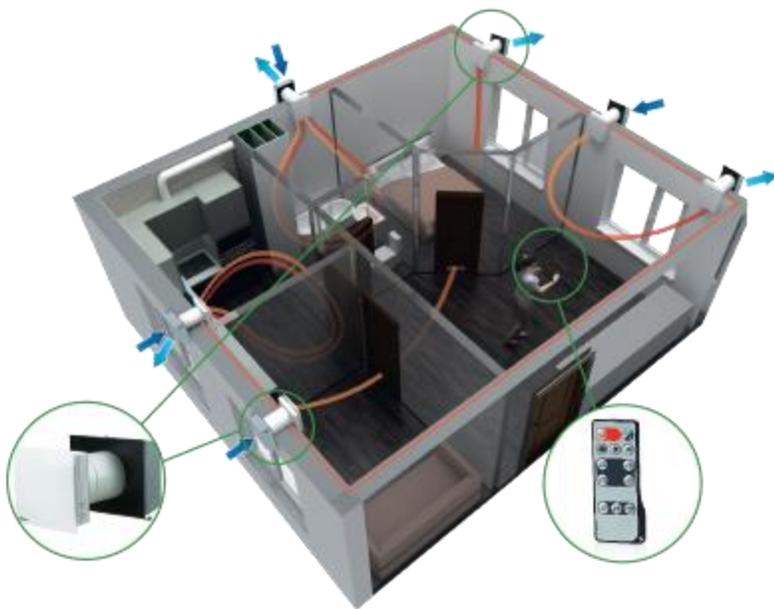
One day in March, the kids were there. The next day, there was no one.

Classrooms have needed better ventilation for many years. Sadly, it's taken a worldwide pandemic to get us to pay attention to the air children breathe.

Are students getting enough air? Schools and children need a "Fresh Air Fix".

Bringing fresh air indoors has finally become a top priority and the real key to bringing students and staff back inside our schools nationwide.

Keeping the air at a comfortable temperature is a concern, but there is a solution via heat recovery units (HRV/ERV) that can provide each individual classroom with a constant supply of fresh air that is purified through built-in MERV filters and HEPA filters. A successful HRV unit can provide heat recovery efficiency up to 96%.



While physical distancing and mask wearing help cut down transmission via larger droplets, when it comes to airborne transmission, fresh air ventilation and filtration (which reduce the concentration of virus floating in the air) will absolutely be key to making indoor spaces safe for all.

The pandemic spotlights a problem that has been around for years, but is one which most people remain unaware: Schools are chronically under-ventilated. A commonly used standard for air movement says that, at minimum, 15 cubic feet per minute (cfm) per person should flow into a classroom.

For Covid prevention, and viruses in general, 30 cfm is highly recommended. Studies from Joseph Allen, a professor at Harvard's School of Public Health show however, most American classrooms have an average ventilation rate of only 6 to 11 cfm per person.

Other research from the State of California has found an association between ventilation and learning, as well. In one study, scientists of Berkeley National Labs had students take tests in rooms whose ventilation they controlled. They found that students in better ventilated spaces had better scores. There is also evidence, albeit more mixed, that better ventilation reduces absences.

This is a time for the basics of healthy buildings, and that's bringing fresher, filtered outdoor air inside.

To learn more about successful HRV/ERV units visit: [VENTS-US: HVAC Equipment, Residential and Commercial Ventilation \(vents-us.com\)](https://www.vents-us.com)

Concept Equipment Corp. is a supplier on MHEC's A01 contract where air filtration and other appliances and equipment can be purchased.

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