

CASE STUDY >

**Mound City R-2 School,
Mound City, MO**

Local school leverages Fellowes
AeraMax to improve air quality for
students and staff



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*Korey Miles
Superintendent of Mound City R-2*

As an educator, you want to do everything possible to ensure that your students have the best possible learning environment. Yet for many schools and districts across the country that operate in older buildings, the learning environment itself poses a challenge.

Mound City R-2 is a pre-k through 12 school in Mound City, MO. The school's building is a historic landmark for the town, but most of the facility is over one hundred years old. The age of the building had become a unique health consideration for the district administrators, who wanted to make sure they were giving students and staff the safest possible space to learn.

Older buildings often lack effective HVAC and ventilation systems, which can contribute to the accumulation of airborne germs, allergens, viruses, bacteria, and other contaminants including COVID-19. The young respiratory systems of school-aged children are especially susceptible to these irritants, which can exacerbate childhood allergies and asthma. Even more, the janitorial staff was finding it difficult to effectively clean high-traffic areas full of bacteria and viruses.

Korey Miles, superintendent of Mound City R-2, explored the research and knew he needed to find ways to increase the building's air quality standards in a way that didn't involve an expensive, time-consuming upgrade of the HVAC system. After a few meetings with Fellowes representatives and reviewing the machines' documentation, Miles decided Fellowes AeraMax Pro was the perfect choice to bring flexible, industry-leading air purification to his students and staff.

The school's administration pointed to the AeraMax's filtration effectiveness as a key reason for selecting the system for their school. "The Fellowes Brand air purifiers stand above the rest in offering many differentiators including the certifications, the PureView™ Technology and the True HEPA filtration system," Miles said*. AeraMax's robust filtration capability is largely due to four unique stages that provide unparalleled protection.

The first stage is a pre-filter, which captures large particles and contaminants, as well as helps extend the life of the subsequent filters. The Active Carbon filtration layer then absorbs odors and volatile organic compounds (VOCs), including those often found in older building materials. From there, air passes through the H13 True HEPA (high efficiency particulate air) filter which captures and traps 99.95% of airborne particles at 0.1 microns, This H13 True HEPA filter also features anti-microbial treatment, which drastically reduces the development of fungi and bacteria. The final filtration stage is the PlasmaTrue™ Bipolar Ionizer, which improves the capture efficiency of the particulate filter.

Mound City R-2 is moving quickly to install AeraMax machines across the building and provide maximum protection for students and staff. 100 units have been installed so far, and Miles and his team are enjoying greater peace of mind that they're making the school a safer place to work and learn. "[Fellowes gives us] clean air quality and the confidence that we will maintain a safe environment for our staff, students, and visitors," Miles notes*. Like any educator knows, providing a safe learning environment is critical to helping students focus on their academics rather than possible health risks.

For the students and staff of Mound City R-2, Fellowes AeraMax Air Purifiers have drastically improved the air quality and enjoyment of their school building. When asked how he would advise other educators and superintendents who are looking to improve the air quality in their schools, Miles' recommendation was simple. "Explore the technology of Fellowes AeraMax Pro, understand what sets them apart from the competition and other technology and discover the difference."*



*MOUND CITY NEWS - Thursday, February 10, 2022 - PAGE A2