

Guardian Angels School

Case Study

Challenges

For all schools, having the proper HVAC systems and making sure the air quality is as safe as possible is extremely important. The Pandemic/COVID-19 put an increased need and awareness of Indoor Air Quality (IAQ) which became more important than ever. Guardian Angels School's main priority was to make sure the air quality was as safe as humanly possible for their employees, staff, and students. When the pandemic hit, school leaders knew their systems needed to be fitted with the best possible technology designed to provide the highest level of indoor air quality and ensure that they could provide the best possible environment to protect students, parents, and staff and minimize their possible exposure to COVID-19.



“ Bachman's family has been part of the institution since our new church opened in the 60's. They have had a long-time name in the Guardian Angels community, and we value the work they have done for many years. They are competitive in pricing and always deliver on their work. ”

*Mark Dulle, Business Manager, Guardian Angels Schools
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Solution

Bachman's was consulted to evaluate the many options and to design a multi-layered approach to solve the problem. Bachman's recommended a program involving the correct filter system, regular robust Preventive Maintenance for their HVAC systems, as well as Needlepoint Bi-polar Ionization (NPBI) to specifically clean the air and de-activate COVID-19. NPBI is a proactive technology that is added to existing HVAC systems provide the following benefits:

- Kills/De-activates pathogens and viruses including COVID-19
- Eliminates airborne Particulates, VOCs, and Odors
- Purifies the air
- Creates a safe and healthy air environment for your people

Results

The results from upgrading their HVAC systems were better than Guardian Angels anticipated. There's no question that the new NPBI technology is part of the reason the school has been able to deliver (along with other protocols) their staff, parents, and students with a safe environment. Guardian Angels Schools was able to stay open every day with no serious health issues throughout the entire school year during the pandemic. This new technology allows the school's systems to purify air effectively and safely while preventing odors, gases, particles, and pathogens.

About

Guardian Angels Parish is a thriving Catholic Church and Pre-school thru 8th grade School located in Mt Washington on the east side of Cincinnati. The school was established in 1895. It began with a one room building and then a small two-story building. The school now gathers almost 450 students from preschool through grade eight. The Mission of the Guardian Angels School is to cultivate the overall development of the individual student through innovative educational practices incorporated with traditional curricula and proven methods. Guardian Angels provides an environment which prepares each student to be faithful disciples through service and leadership by proclaiming values rooted in the Gospel of Jesus Christ.



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