



## Midwest Mechanical

Building Efficiency and Sustainability

A Service Logic Company

## SOUTHWEST AREA SCHOOL DIST.




### WHO IS MIDWEST MECHANICAL GROUP?

Midwest Mechanical Group is a privately held commercial HVAC and facility management provider. Our experts bring more than 40 years of experience to every initiative. **With us, you have a partner who's dedicated to solving your problems with affordable, energy-efficient solutions.**

### MARKETS WE SERVE

- ✓ Manufacturing
- ✓ Commercial Office
- ✓ Education/Local Government
- ✓ Mission Critical
- ✓ Healthcare

 [midwestmech.com](http://midwestmech.com)

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### THE CHALLENGE

When a child is in the right environment, there are no limits to what they can learn. But it's hard for a student to reach their full potential when the classroom is unfit for teaching or learning. Unfortunately, this was a problem that hit home with one of our partners. Due to the current health climate (COVID-19), administrators at a Southwest Area School District were forced to find an effective way to reduce and eliminate airborne viruses and pathogens.

### THE SOLUTION

The school district partnered with Midwest Mechanical for the solution. Midwest Mechanical assembled a team of technicians and engineers to inspect the site. Following the inspection, we recommended a Needle Point Bipolar Ionization system to sanitize the indoor air. When the air purifier was activated, it neutralized the contaminants in the school including the COVID -19 virus. Needle Point Bipolar Ionization has been clinically proven to provide a 99.4% reduction rate on SARS CoV 2 surface strains within 30 minutes.

### LONG-TERM RESULTS

This application provided an added sense of security for the Administrators and students of the school district. Prior to the installation of the NPBI (FC-48), the indoor ionization levels measured an average of 600 Ions per cubic centimeter. Following the installation, ionization levels skyrocketed, measuring an average of 9,000 ions per cubic centimeter. This added ionization helps to provide a safe and healthy learning environment for students and faculty.