Owner
Fontana Unified School District

Contract Type
Needlepoint Bipolar Ionization Installation

Contract Amount
$4,200,000

Electrical Contractor
Facility Solutions Group

FONTANA UNIFIED SCHOOL DISTRICT

Fontana, California

FSG is installing 2900+ NPBI units at 50 Fontana Unified School District schools.

CHALLENGE

The COVID-19 pandemic has affected virtually everyone in the world in some form. Schools have been faced with many challenges such as how and when to safely return to the classroom, and how to disinfect the buildings effectively. The Fontana Unified School District in California is a large district with 45 schools serving preschool through adult education. They needed an ozone-free disinfection solution that could disinfect the air in classrooms and common areas without straining the existing HVAC systems.

SOLUTION

Needlepoint Bipolar Ionization (NPBI) is a technology that helps facility operators enhance the air quality in their buildings using the building's existing air handling systems. This saves money, time, and energy while also disinfecting & cleaning the air. Each unit is UL2998 certified to be ozone free and provides particle reduction in the air. This particle reduction prevents aggravation of respiratory issues, such as asthma. FSG is installing more than 2900 units in the HVAC systems in the many buildings of the school district.

RESULT

Third-party reports show that NPBI is able to deactivate pathogens in the air, reduce particles in the air, and provide some energy savings benefits. The Fontana Unified School DIstrict will be able to benefit from healthier air in their schools because of the NPBI units.

Strategic Partner:

I·E·S·G
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