



Proud to Support Clean & Healthy Environments

*for Sports and Entertainment Venues,
including U.S. Bank Stadium.*

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▼ U.S. Bank Stadium is home to the Minnesota Vikings and has hosted ESPN's Summer X Games (2017-2019), Super Bowl LII (2018), and the NCAA Men's Final Four (2019).



PROJECT SPOTLIGHT

TAKE THAT CLEAN AIR TO THE BANK

U.S. Bank Stadium engaged AtmosAir Solutions for the large-scale installation of bipolar ionization technology and air quality monitoring within the venue. AtmosAir has been proven by a leading FDA and EPA lab to reduce the presence of coronavirus by 99.9 percent. The company also supported the efforts of U.S. Bank Stadium to increase its sustainability initiatives, save energy, and decrease its carbon footprint. AtmosAir's technology has created an improved fan and workforce experience—and impacted the stadium's LEED Platinum accreditation. AtmosAir has been an important layer of air purification and an integral feature of U.S. Bank Stadium's goal to create a world-class space where people can cheer and have fun together again.

professional sports stadium to earn LEED Platinum certification for operations and maintenance using the arc performance platform, attributable in part to an air purification system (AtmosAir Solutions) that also reduces energy consumption.

“U.S. Bank Stadium is one of the most innovative and forward-looking sports venues in the world, and we are proud to work with Curtis and their team to help bring people back together safely,” says Steve Levine, president and CEO of AtmosAir Solutions. “Bipolar ionization is an important layer to combating airborne pathogens and will help fans enjoy their football or concert experiences with additional confidence and peace of mind.”

In addition, Schmillen oversees the stadium's cleaning services team and has been instrumental in the implementation of ASM Global's environmental health and safety program, VenueShield. The program was developed in partnership with leading medical professionals, industry experts, and public health officials in response to the COVID-19 pandemic. VenueShield focuses on six core components: environmental hygiene, the customer journey, workforce safety, food safety, technology, and public awareness.

For a city known for the months that it's blanketed in white, U.S. Bank Stadium stands out proudly by offering a vibrant shock of green. ■

Something in the Air

AtmosAir is the invisible force supporting U.S. Bank Stadium's sustainable solution to let fans come together safely

To meet its portfolio-wide sustainability mission and create a safe environment during and after COVID-19, U.S. Bank Stadium called on AtmosAir Solutions to deliver the installation of bipolar ionization technology across the venue. AtmosAir's technology has been proven by a leading FDA and EPA testing facility to reduce the presence of coronavirus by 99.9 percent. In addition, the use of this technology has empowered U.S. Bank Stadium to increase its sustainability initiatives, save energy, and decrease its overall carbon footprint.

"AtmosAir's installation of the air treatment and air quality monitoring technologies to reduce energy, monitor the indoor environment proactively, and measurably improve indoor air quality, has created an improved fan and workforce experience and supported our stadium's LEED Platinum accreditation for operations and maintenance," said Curtis Schmillen, director of operations for U.S. Bank Stadium.

The scope of work for AtmosAir was ambitious—more than 120 AtmosAir Solutions systems were installed throughout



Tiffany Daniels/Mortenson Construction. Courtesy of ASM Global

all air handling units within the stadium. There were 50 AtmosAware IAQ sensors strategically placed around the stadium to measure air quality and allow for continuous adjustments as needed. NV5 Consulting Engineers and Grayboyes Smart Buildings were hired to commission and provide measurement and verification of the installation.

The Minnesota Sports Facilities Authority (MSFA) and ASM Global deployed the system at U.S. Bank Stadium to better its indoor environments and to reduce its carbon foot-

print. AtmosAir system, which reduced ASM Global's reliance on HVAC power and filtering, updated the sequence of operations to conserve energy and recirculate a larger portion of treated air. The AtmosAir installation in conjunction with building operational sequencing updates significantly reduced chilled water consumption and electricity.

AtmosAir has been an important layer of air purification during the COVID-19 pandemic, serving as an integral feature at U.S. Bank Stadium to create a world-class, LEED Platinum space where people can cheer and have fun together again. ■