

Central Ohio Transit Authority (COTA) To Improve Air Quality In All Transit Vehicles With Lumin-Air Filtration Systems

All of COTA's current New Flyer and Gillig buses will be retrofitted with Lumin-Air's system, as well as the entire fleet of COTA Mainstream Paratransit...

FISHERS, INDIANA, UNITED STATES, January 24, 2023 /EINPresswire.com/ -- The Central Ohio Transit Authority (COTA) today announced it is installing a new air filtration system on COTA transit vehicles, which continuously cleans the air inside those transit vehicles, removing harmful particulates and infectious aerosols to help reduce the spread of germs and diseases.

Lumin-Air Transit's MERV-13 equivalent filtration and UVC lighting system, alongside [COTA's Global Biorisk Advisory Council \(GBAC\) STAR™](#) accreditation achieved in 2021, continues to demonstrate COTA's commitment to providing a safe environment for customers and operators.

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COTA Director of Engineering and Maintenance Dan West

“COTA consistently searches for ways to innovate and improve the customer experience, and the new filtration system from Lumin-Air will help keep our customers, operators and community safer,” said COTA Chief Engineering and Mechanical Officer Andy Biesterveld. “With recent increases in [RSV and flu rates](#), improving the air quality on our buses with advanced filtration will help mitigate the spread of airborne illnesses and diseases such as the flu, COVID-19 and the common cold.”

“Our solution removes contaminants from the air people breathe to reduce the risk of disease transmission on transit vehicles and school buses with safe, proven technology,” said Lumin-Air



COTA Downtown Bus

President Dan Fillenwarth. "The systems use MERV-13 equivalent filters and UVC lighting to remove and inactivate contaminants in the air, as recommended by the CDC. Our systems don't add disinfectants, chemicals, ions or gases into the air people breathe and we keep UVC from shining on people or sensitive equipment."

All of COTA's current New Flyer and Gillig buses will be retrofitted with Lumin-Air's system, as well as the entire fleet of [COTA Mainstream](#)

[Paratransit](#) vehicles. These systems will have a new, subtractive air cleaner designed specifically for those smaller vehicles that don't have cabin air filters. Lumin-Air and COTA expect all vehicles to be equipped with the systems in Spring 2023.



COTA Arena District Bus

"Adding Lumin-Air's system to all of our buses greatly improves filtration performance in terms of filter efficiency, longevity and affordability," said COTA Director of Engineering and Maintenance Dan West. "It's important that we bring this cutting-edge solution to our fleet, expanding our ability to protect customers and operators."

About Lumin-Air

Lumin-Air is committed to improving the air we breathe. Its mission is to improve people's lives by increasing effective ventilation in mass transit vehicles, school buses and buildings. Lumin-Air seeks to improve filtration and supplement with UV-C to help clean the air, which is recommended by ASHRAE and the CDC for pathogen mitigation. Lumin-Air provides standard or custom engineered filtration and UV-C solutions to help create safe environments for employees, customers, and students. For more information about Lumin-Air, please visit <https://lumin-air.com/>

About COTA

The Central Ohio Transit Authority (COTA) is a 2018 and 2020 American Public Transportation Association Award Winner for Outstanding Public Transportation System. The Central Ohio Transit Authority is the region's mobility solutions provider, driven each day to connect people to prosperity through innovation, dedication, and teamwork. By utilizing technology and data, establishing community partnerships, and applying sustainability principles, COTA provides equitable access to jobs, healthcare, and education. In 2021, COTA received GBAC Star accreditation from the Global Biorisk Advisory Council for its work in combating the spread of COVID. For more information about COTA, please visit <https://cota.com/>

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