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FOR IMMEDIATE RELEASE

Agentis Air introduces the Brio™ Air Purifier—with patented technology to improve indoor air quality, overcoming HEPA limitations—at 2022 BOMA International Conference, in Nashville, June 25-28

In commercial settings, Brio provides a rapid, adaptable response to close the gap between building HVAC systems and healthy indoor air

ROCKVILLE, Maryland, Wednesday, June 15, 2022—Return-to-work initiatives and the enduring pandemic highlight the gap between the minimally acceptable indoor air quality (IAQ) in commercial spaces and truly healthy air. The system-level changes needed to achieve healthy indoor air are difficult to implement quickly and cost effectively. And after upgrades, HVAC systems may still fall short. For this reason, ASHRAE, the EPA, the NIH, the CDC, and other advisory groups recommend the use of in-room, portable air purifiers.

Agentis Air closes this gap with the Brio portable air purifier, which will be on display at the 2022 BOMA International Conference Technology Pavilion (#442), June 25-26, 2022, in Nashville. Brio serves as a first step, a supplement, and as an adaptable long-term solution to a dynamic health concern. Brio delivers constant, clean airflow for better indoor air quality without filter clogging. Designed for use in commercial offices, homes, and small-business establishments, Brio removes invisible fine and ultrafine particles, and kills viruses and germs, using patented Advanced Particle Removal Technology (APART™). Developed by researchers at the University of Washington, APART technology keeps Brio's effectiveness high between cartridge replacements. Brio's non-clogging particle collection cartridge can last a year or longer.

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In discussing company's motivation to create Brio, Agentis Air president Larry Rothenberg noted, *"First and foremost, clean air matters to us personally, as we have experienced the effects of poor indoor air quality on long-term health. And second, thanks to our patented technology and expertise, we are in a unique position to create a more-advanced product than current market offerings. Unlike HEPA or PCO technology, Brio removes particulate matter while keeping the airflow high for better air purification."*

Brio's Capabilities

- Stays at peak effectiveness with no clogging
- Traps fine and ultra-fine pollutants; Kills viruses, bacteria, and germs
- Deep cleans 540 square feet in 20 minutes; 325 square feet in 12 minutes
- Low cost and low maintenance, with a disposable, high-capacity particle collection cartridge

Brio kills COVID-19 Virus and Removes Damaging Fine and Ultrafine Particles

In independent lab testing, Brio removed 99.9% of live MS2 virus (Covid-19 surrogate) in just 15 minutes.

Test conducted with LMS and at Intertek show rapid particle pollutant removal:

- Covid-19 surrogate: Brio removes 99.9% in 15 minutes
- Bacteria: Brio removes 99.9% in 20 minutes
- Ultrafine Particles: Brio removes 99.9% in 29 minutes
- Smoke: Brio removes 99% in 22 minutes
- Dust: Brio removes 100% in 21 minutes
- Pollen: Brio removes 96% in 10 minutes

Better than HEPA

All HEPA air purifiers—using technology little changed since its introduction almost 100 years ago—share the same limitation: as particles reach a HEPA filter, it clogs, reducing airflow. HEPA filters are efficient, but their effectiveness, measured by the Clean Air Delivery Rate (CADR), steadily declines with use. With airflow reduced, the air isn't cleaned as quickly. Time compounds this problem, the air gets dirtier, and the HEPA air purifier falls behind in its task. HEPA air purifiers can't get around this clogging-and-declining-effectiveness problem. It's how they are designed to work. Blocking particles also blocks airflow.

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How Brio Improves Indoor Air Quality

Rather than pushing air into an increasingly clogged filter, Brio pulls particles away from the airflow. Brio's powerful fan draws air in at the elevated base, and a pre-filter captures larger, visible pollutants. Next, viruses, germs, copier toner, smoke, dust, mold, pollen, and other particles too small to see receive an electrostatic charge as they flow past Brio's particle charger. The APART™ Collection Cartridge attracts and traps these particles, away from the airflow. With APART technology, the CADR stays constant over time, keeping effectiveness high, until the long-life collection cartridge is completely full. Safety-focused, Brio is UL listed and certified as ozone-safe by the California Air Resources Board (CARB).

Affordability and Maintenance

Brio's APART Collection Cartridge can last 12 months or more, while staying at peak effectiveness. This gives Brio a more affordable cost-to-own profile than comparable HEPA-style air purifiers and significantly reduces maintenance. To stay at peak performance, a comparable HEPA air purifier may need three, four or five filter changes in the same amount of time. Over several years and with multiple air purifiers in an office, the cost difference and labor savings can be quite large.

In performance tests—conducted under identical lab conditions for Brio and similarly sized HEPA and Photocatalytic (PCO) air purifiers—Brio never dropped below 90 percent of its original CADR. Brio also collected 60 grams of dust. Tested HEPA-style and PCO-style air purifiers dropped to 50 percent of their original CADR performance in the same time period and collected between 25 and 60 percent less particulate matter than Brio.

APART Technology

Patented APART™ Advanced Particle Removal Technology—which pairs particle-repelling plates with disposable particle-collecting plates—is the result of five years of research at the University of Washington's Sensors, Energy, and Automation Laboratory. Igor Krichtafovitch, PhD, an expert in

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electrostatics and particle pollution reduction led the research. Dr. Krichtafovitch is the Director of Research and Development at Agentis Air, LLC, the exclusive worldwide licensee of the technology.

About Agentis Air

Agentis Air is a collaboration of scientists, engineers, and air-quality experts on a mission to improve health and longevity with innovative indoor air technology. With decades of university research and development experience, the company's focus is on transformational technologies as the foundation for more effective products. The Agentis Air innovation team is led by a scientist with over 100 patents and 20 years of experience in advanced air purification technologies. For more information on Agentis Air technology and patents: <https://agentisair.com>.

The Brio Air Purifier is available for purchase through the company's website: <https://brioairpurifier.com>.

About the University of Washington and CoMotion

Ranked by Reuters as the #1 most innovative public university in the world, the University of Washington is a leading recipient of federal funding research, producing innovations that have the power to change the world. CoMotion at the University of Washington is the collaborative innovation hub dedicated to expanding the global economic and societal impact of the UW community. By developing and connecting to local and global innovation ecosystems, CoMotion helps innovators achieve the greatest impact from their discoveries. Find more information at <https://comotion.uw.edu>.

About 2022 BOMA International Conference

For more information about the Building Owners and Managers Association and the 2022 BOMA International Conference and Expo, please visit <https://www.bomaconvention.org/BOMA2022>

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New Brio Air Purifier on Display at BOMA 22 International Conference and Expo - 5



Brio Portable Air Purifier from Agentis Air Uses Patented Technology for Effective Indoor Air Cleaning

Brio Air Purifier from Agentis Air: Non-clogging, High-Capacity, Disposable APART Collection Cartridge for Peak Performance



Simple Controls, Easy Maintenance, and Compact, Contemporary Styling Make Brio an Easy Home or Office Companion

#indoorairquality #indoorairpollution #airpollutionandhealth #betterthanHEPA #cleanairtechnology #covid #returntooffice #RTO #sickbuildingsyndrome #healthyair #BOMA22

For additional images and interview requests, please contact sarah@agentisair.com

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