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Pittsburgh startup Airviz announces the first-ever Bluetooth®-enabled HVAC air filter with in-app monitoring. The Speck-enabled smart air filter was developed in partnership with 3M and is poised to transform how people understand, learn from, and increase the quality of the air in their homes.

According to a recent Newsweek report, more than "...80 percent of people living in urban areas breathe air that exceeds pollution limits advised by the World Health Organization (WHO)." While it might be near impossible to control our environment outside, our indoor spaces, where we spend a vast majority of our days, can become a more inviting and healthier place to live, work, and grow.

Giving them unparalleled insights into their home environment, consumers can use the Speck and the Speck-enabled smart air filter, paired with the new Filtrete™ Smart App, to receive vital information on fine particles released into the air. These particles, 2.5 microns in diameter or less, are produced by combustion as well as through everyday household activities like cooking or vacuuming. Speck's technology detects this fine particulate matter (PM<sub>2.5</sub>) in your indoor environment and informs you about changes and trends in particle concentration. The Speck monitor provides an affordable tool that makes the invisible visible, empowering you to make informed decisions about how to improve your personal air quality.

When paired with the new Filtrete™ Smart App, users are notified when the filter needs to be replaced based on air flow and usage, not just time. The Filtrete™ Smart App also provides data on outside air quality and gives helpful tips for helping to improve air quality indoors. Users can decide how much interaction they have by opting-in to specific smartphone notifications to alert them when it's time to change their filter or even when outdoor air quality in their area is poor.

#### Filtrete™ Smart Air Filter and App Features

- Real-time Indoor Air Quality Readings. Consumers can use the app to get real-time data on their indoor air quality by pairing it with a compatible indoor air quality monitor.
- Helpful Reminders. The Filtrete™ Smart App remembers filter type and size and can send notifications to the user when it's time for a replacement.
- Filter Life Tracking. The app tracks filter life based on air flow and usage – not just elapsed time. It utilizes a proprietary 3M algorithm to determine filter life by balancing airflow and optimal particle capture efficiency. The app updates with the latest data collected from the filter to provide users with timely information on filter's status, quickly and easily.

- Simple Filter Replacement. The app can direct users to online retailers that carry the exact Filtrete™ Smart Air Filter they need for easier repurchase and replacement.
- Helpful Information and Tips. The app can display outdoor air quality information for multiple locations and provide tips to help improve indoor air quality as well.

Speck Sensor indoor air quality monitors are available for purchase at [www.specksensor.com](http://www.specksensor.com). Speck is the first indoor air quality monitor that will pair with the Filtrete™ Smart Air App.

Filtrete™ Smart Air Filters will be available at participating retailers nationwide in spring 2018. The MSRP ranges from \$21.99-29.99 depending on filtration level and are compatible with iOS and Android devices. For more information about Filtrete™ Smart Air Filter visit [www.filtrete.com/smart](http://www.filtrete.com/smart).

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#### About Airviz

Airviz, maker of the Speck air quality sensor and the most recent daughter company of the CREATE Lab at Carnegie Mellon's Robotics Institute, is inventing new technologies that empower citizens everywhere to take control of their indoor air quality and improve their quality of life. Learn more about our air quality products at [www.specksensor.com](http://www.specksensor.com).

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