

# Air Pollution Control Equipment Market To Reach US\$21B by 2021

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## Additional Reports

WELLESLEY, Mass., July 26, 2017 – Global demand for air pollution control equipment topped \$13.3 billion in 2015 and is projected to reach nearly \$21 billion by 2021. According to a report by **BCC Research**, Asian Pacific nations lead the market, followed by nations in North America, with areas of South America seeing low adoption but high per capita growth.

While the industrial end-use sector currently comprises just north of 50% of the market, it is residential use which is forecast to grow the most through 2021, according to the report [Air Pollution Control Equipment: Technologies and Global Markets](#). Driving the market is the growth in urbanization and industrialization, stringent government regulations, expanding health concerns, knowledge about air pollution, and increasing consumer spending power. Further, technological advancements, from improved filters to control via smartphone apps, is helping to broaden the appeal of new devices.

“Strong growth is drawing a wide range of providers into the space, including heating, ventilation, and air conditioning companies,” the report’s author, Ritam Biswas, states. “However, the key to any entrant’s survival is dependent upon technological innovation.”

## Research Highlights

- Total geographic and technology-wide compound annual growth rate (CAGR) is projected to be 7.8% over the forecast period of 2016 through 2021.
- In North America, the United States will lead growth potential, with a CAGR of 7.8% from 2016-2021. In Asia, India, China, and Japan are the biggest users of air pollution control equipment, with strong growth projected from South Korea. The South American market – which is comprised chiefly of users in Brazil – is currently just a fraction of global use, but is projected to grow by 8.2% CAGR between 2016 and 2021.
- Much of global growth can be attributed to advancements in high efficiency particulate air (HEPA) filters – recent breakthroughs mean they capture up to 100 times more pollutants than previous models and, thanks to pre-filters, last longer.

## Residential and Commercial Innovators

Sophisticated innovation, in particular, is driving growth in the residential market. New equipment from India's Eureka Forbes provides hyperlocal air quality reports, while another Indian firm, Symphony, has launched a dual-purpose purifier and air cooler. Clear-S has smartphone-connected purifiers which also emit sounds for sleep inducement, meditation, and concentration, and Israeli company Oxie Innovations manufactures neck-worn air purifiers with smartphone-connected air quality tracking capability. Additionally, Lightfog Creative and Design has developed a bike frame which produces oxygen using a photosynthesis system to clean the air. Other leaders in the air pollution control equipment market include Honeywell, 3M, Whirlpool, and Hyundai Wacortec.

### **Commercial Use to Remain Strong**

Though commercial use growth of air pollution control equipment will lag consumer use growth, demand is forecast to remain high. End-user commercial markets include the automotive, construction, healthcare and medical, manufacturing, and energy and utilities sectors. Besides HEPA filters, leading air pollution control technologies include ultraviolet light, activated carbon, and ionic filters. Large technology manufacturers include Sharp, AB Electrolux, Daikin, and Samsung.

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