

Global Indoor Air Quality (IAQ) Equipment Market - Product Types and End-Use Applications

Market Report | 2023-11-01 | 308 pages | Industry Experts

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Report description:

Report Synopsis

Several parameters are used for measuring Indoor Air Quality (IAQ), the most important of which comprise levels of carbon dioxide (CO₂), relative humidity, volatile organic compounds (VOCs), particulate matter (PM_{2.5} & PM₁₀) and bioaerosols. While it is imperative that these be maintained within limits as prescribed by regulatory authorities, in most cases, achieving the same is next to impossible. Inadequate ventilation, ingress of external air along with pollutants and inadequate means of countering them result in growth of pollutants in indoor atmospheres, which, then, have to be dealt with by using other means.

The aforementioned approaches comprise the use of a vast variety of IAQ equipment available today, including Air Filters, Air Purifiers, Carbon Monoxide (CO) Detectors, Dehumidifiers, Humidifiers, Ultraviolet (UV) Lamps and Ventilation Systems, to name a few. The major areas where these systems are being deployed include Commercial Establishments, Industrial Operations and Residential Buildings, among which the latter comprises the largest and also the fastest growing area.

Research Findings & Coverage

- ☐- Indoor Air Quality (IAQ) Equipment global market is analyzed in this report with respect to product types, end-use applications, major geographic regions and key countries
- ☐- Market share analysis covered for IAQ Equipment based on the segmentation mentioned above and current market size estimation, revenue projections for the analysis period through 2029
- ☐- The study discusses major growth trends, R&D, technology updates, statutory regulations and emerging applications of IAQ Equipment that influence the market growth
- ☐- Key business trends focusing on product innovations/developments, capacity expansions, M&As, JVs and other recent industry developments by the major players
- ☐- The report includes 153 data tables covering market numbers by segment and regions with graphical representation for each table

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- Brief business profiles of major companies covered - 66
- The industry guide includes the contact details for 194 companies

Product Outline

The market for product types of Indoor Air Quality (IAQ) Equipment analyzed in this report includes:

- Air Filters
- Air Purifiers
- Carbon Monoxide (CO) Detectors
- Dehumidifiers
- Humidifiers
- Ultraviolet (UV) Lamps
- Ventilation Systems

The report analyzes the market for Indoor Air Quality (IAQ) Equipment by end-use application comprise:

- Commercial Establishments
- Industrial Operations
- Residential Buildings

Analysis Period, Units and Growth Rates

□- The report reviews, analyzes and projects the global Indoor Air Quality (IAQ) Equipment market for the period 2020-2029 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

Geographic Coverage

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World

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2. KEY MARKET TRENDS

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3. KEY MARKET PLAYERS

- ABB Ltd (Switzerland)
- Absolent Air Care Group AB (Sweden)
- Aerus LLC (United States)
- Allerair Industries, Inc. (Canada)
- American Air Filter Co, Inc. (Aaf Flanders) (United States)
- Aprilaire (United States)
- Armstrong International Inc. (United States)
- Atlantic Ultraviolet Corporation (United States)
- ATMUS Filtration Technologies Inc. (United States)
- Austin Air Systems, Ltd (United States)
- Boneco AG (Switzerland)
- Broan-Nutone Llc (United States)
- Camfil AB (Sweden)
- Captiveaire Systems (United States)
- Carel Industries SpA (Italy)
- Carrier Global Corporation (United States)
- Condair Group AG (Switzerland)
- Coway Co. Ltd. (South Korea)
- Crane USA (United States)
- Daikin Industries Ltd. (Japan)
- Donaldson Company Inc. (United States)
- Dyson (Singapore)
- Freudenberg Filtration Technologies GmbH & Co. KG (Germany)
- Greenheck Fan Corporation (United States)
- Haier Group (China)
- Halma Plc (United Kingdom)
- Heraeus Holding GmbH (Germany)
- Horiba Ltd (Japan)
- IQAIR (Switzerland)
- LG Electronics (South Korea)
- Koninklijke Philips N.V. (The Netherlands)
- Mann+Hummel Group (Germany)
- Midea Group Co., Ltd (China)
- Munters Group AB (Sweden)

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Neptronic (Canada)
Osram GmbH (Germany)
Panasonic Holdings Corporation (Japan)
Parker Hannifin Corp. (United States)
Purafil, Inc. (United States)
Resideo Technologies Inc. (United States)
Robert Bosch GmbH (Germany)
Samsung Electronics Co. Ltd. (South Korea)
Sharp Electronics Corporation (United States)
SPX Flow, Inc. (United States)
Sunpentown International, Inc (United States)
Therma-Stor LLC (United States)
Trane Technologies (Ireland)
Whirlpool Corporation (United States)
WINIX Co., Ltd. (South Korea)

4. KEY BUSINESS & PRODUCT TRENDS

Heraeus Noblelight Acquired by Excelitas Technologies
Halma Unveils Novel Facility in China
Standard Plumbing Heating Controls Acquired by Carrier's Automated Logic Corporation
Dyson Introduces Novel Air Purifier
Rebranding of Venmar Ventilation to Broan-NuTone
Broan-NuTone Launches Novel Air Purifier
Systemair Acquired by Panasonic
M-Filter Joins the MANN+HUMMEL Group
CAREL Industries SpA acquires Eurotec
Condair Group Expands Operations in Korea
Brautek Oy Acquired by Condair Group
Hygromedia and Rotor Source Acquired by Munters Group AB
SENVIA to be acquired by CAREL
Klingenburg GmbH and Klingenburg International Sp. z o.o. Acquired by CAREL
Carrier Acquires Toshiba's HVAC Business
Hamilton Beach Brands Unveils Premium Air Purifiers Under the Clorox Brand
SPX Flow Acquires Lone Star
Rebranding of Daikin's US Subsidiary
Broan-NuTone Introduces Overture
Acquisition of Edpac by Munters Group AB
Freudenberg Acquires RPS Products
Metal Industries Acquired by Greenheck Group
Novel Freudenberg Manufacturing Facility in China
Carrier Acquires Guangdong Giwee Group
Novel Panasonic Indoor Air Quality Devices Factory in Vietnam
CAREL acquires Enginia S.r.l
CAREL Acquires 51% of the Stakes of CFM Sogutma ve Otomasyon A.S
Hamilton Beach Brands and Clorox Establish a Strategic Trademark Licensing Agreement
Merger of Santa Fe and Ultra Aire Brands
Carrier Establishes Alliance with Watsco to Acquire Temperature Equipment Corporation

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Osram Makes an Investment in Bolb Inc.
Aircuity and Trane Technologies Establish Strategic Alliance
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