Air Purification Equipment - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Air Purification Equipment in US$ Million by the following Technology Segments: Stand-Alone Air Purification Equipment, and Induct Air Purification Equipment. The US and Canadian markets are further analyzed by the Technology Segments and Contaminant Removal Features: Product by Technology - Stand-Alone Air Purification Equipment (Media Combinations, Electrostatic Precipitation (ESP), Plasma, & Others), and Induct Air Purification Equipment (Media Combinations, Ultra Violet, Electrostatic Precipitation (ESP), Photo Catalytic Oxidation (PCO), & Others); and Product By Contaminant Removal Feature - Air Purifiers With Odor Removal Features (Stand-Alone, & Induct); and Air Purifiers Without Odor Removal Features (Stand-Alone, & Induct).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 126 companies including many key and niche players such as -

- 3M Company
- Abatement Technologies, Inc.
- AllerAir Industries, Inc.
- Aprilaire
- Blueair, Inc.

Contents: AIR PURIFICATION EQUIPMENT

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
- Study Reliability and Reporting Limitations
- Disclaimers
- Data Interpretation & Reporting Level
- Quantitative Techniques & Analytics
- Product Definitions and Scope of Study
- Stand-Alone Air Purification Equipment
- Plasma-Based Stand-Alone Air Purification Equipment
- Electrostatic Precipitation Based Stand-Alone Air Purification Equipment
- Media Combination Based Stand-Alone Air Purification Equipment
- Other Stand-Alone Air Purification Equipment
- Induct Air Purification Equipment
- Photo Catalytic Oxidation Based Induct Air Purification Equipment
- Electrostatic Precipitation Based Induct Air Purification Equipment
- Ultra Violet Induct Air Purification Equipment
- Media Combinations Based Induct Air Purification Equipment
- ‘Other’ Induct Air Purification Equipment

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
- Air Purification Equipment: Addressing the Primary Concern of Indoor Air Quality
- Causes of Indoor Air Pollution
- Air Purifier: No More a Symbol of Luxury
- Global Market Outlook
- Stable Global GDP Per Capita: Ushering an Era of Consumer Confidence & Spending
- Table 1: GDP Growth (in %) Globally and for Major Countries: 2015 & 2016 (includes corresponding Graph/Chart)
- Developed Countries: Traditional Revenue Contributors Continue to Exhibit Steady Growth
Developing Countries: Turbo Charging Future Market Growth
China: Fastest Growing Air Purifier Market Worldwide

2. COMPETITION
Induct Air Purification Market: Fragmented in Nature
List of Popular Air Purifier Brands and their Key Features: 2016
Other Noteworthy Air Purifier Brands
Honeywell QuietClean HFD-120-Q
GermGuardian AC4825 Air Purifier
IQAir HealthPro Plus
Rabbit Air MinusA2 SPA 700A
GT50 Plug-In Ionizer
Blueair Classic Air Purifiers
Coway AP-1512HH
OION B-1000 Permanent Filter Ionic Air Purifier
Major Competitive Factors in the Marketplace
Innovation
Product Performance
Price
Timely Delivery & Distribution Network
Product Knowledge
Customization
Geographic Coverage
Distribution Network
Product Maintenance
Marketing
Key Factors that Influence Air Purifier Purchase
Functionality
Features
Safety & Certifications
Help & Support
Key Features and Benefits of a Successful Air Purifier
Combination Technologies Offer Scope for Product Differentiation
Eliminating Odors and Smoke Remain Key to Product Success
Dispersion of Knowledge: An Important Competitive Variable
Key Factors Responsible for Variation in Air Purifier Prices
Categorization of Air Purifier Models by Price Range
Affordable Models
Mid-Range Models
High-End Models

3. MARKET TRENDS, ISSUES & DRIVERS
Deteriorating Indoor Air Quality amid Rising Air Pollution Levels Drive Strong Demand for Air Purifiers
Major Indoor Pollutants and their Impact on Health: Brief Details of Pollutant, Source, and Impact on Health
Table 2: Global Indoor Air Pollution Related Fatalities by Health Condition (2015E): Percentage Breakdown of Deaths for ALRI, COPD, Ischemic Heart Disease, Lung Cancer, and Stroke (includes corresponding Graph/Chart)
More than Half of Global Carbon Emissions Generated by the Wealthy Population
Key Air Pollution Statistics Worldwide: Important Opportunity Indicators
Table 3: Air Pollution Levels (PM10 μg/m3) for Major Countries Worldwide: 2014E (includes corresponding Graph/Chart)
Table 4: Countries with the Highest Carbon Emissions Worldwide (2015E): Percentage Breakdown for China, US, India, Russia, Japan, and Others (includes corresponding Graph/Chart)
Table 5: Global Carbon Dioxide (CO2) Emissions (in Billion Metric Tons): 2003-2013 (includes corresponding Graph/Chart)
Table 6: Global Carbon Dioxide (CO2) Emissions (in Billion Metric Tons): 1711, 1811, 1911, & 2011 (includes corresponding Graph/Chart)
Table 7: Total Emissions in Major European Countries by Air Pollutants (2013): Ammonia, Nitrogen Oxide, Non-Methane VOC, and Sulphur Oxide Emissions (in Thousand Tons) (includes corresponding Graph/Chart)
Alarming Rise in Incidence of Asthma and Allergies Spurs Demand for Air Purifiers
Key WHO Facts on Asthma
Global Asthma Facts by American Academy of Allergy Asthma & Immunology (AAAAI)
Prevalence of Asthma in Children Witness Steady Increase, Boosts Demand for Air Purifiers
Surging Demand for HEPA Purifiers Benefits Market Expansion
Popular HEPA Purifier Models
Rising Popularity of Eco-Friendly Air Purifiers Lend Traction to Market Growth
Evolution of Multiple Technologies for Tackling Different Pollutants: An Important Growth Driver
Residential Sector: The Dominant End-Use Application Area
Usage of Air Purifiers Soar During Summer Season
Recovering Construction Activity Bodes Well for Market Adoption

Table 8: Percentage Share of Construction Spending by Region: 2015 & 2020 (includes corresponding Graph/Chart)

Building Renovations & Home Restructuring Projects Offer Growth Opportunities
Air-Purifiers in Healthcare Settings: A Critical Requirement for Reducing Life-threatening Infections
E-Retailing Make Rapid In-Roads, Expands Growth Opportunities
Emphasis on Cleaner Air inside the Car Drives Demand for Car Air Purifiers
Air Purifiers: A Must Have for Sufferers of Multiple Chemical Sensitivity Condition
Air Purifiers for Reducing Depression Cases: Myth or a Fact?
Ozone Generators/Ionic Air Purifiers Fading out of the Market
Regulatory Standards Spruce Up Sales of Air Purification Equipment
Induct Units Enter the Trading Range
Commercial Applications: An Untapped End-Use Market
Asia-Pacific Offers Lucrative Growth Opportunities for Air Purification Equipment

Table 9: Global Air Purification Equipment Market

Geographic Regions Ranked by CAGR for 2015-2022: Asia-Pacific, Latin America, Rest of World, Europe, Japan, US and Canada (includes corresponding Graph/Chart)
Opportunities Galore for Global and Regional Air Purifier Manufacturers
Manufacturers in Developed Countries Move to Developing Asian Markets
Favorable Demographic and Economic Trends Strengthen Market Prospects

Table 10: Global Population Estimates (2000-2050) (includes corresponding Graph/Chart)
Table 11: Total Population Worldwide by Urban and Rural Population in Thousands: 1950-2050P (includes corresponding Graph/Chart)
Table 12: Total Population Worldwide: Percentage Breakdown by Urban and Rural Population for the Years 1950-2050P (includes corresponding Graph/Chart)
Aging Population: A Weighty Demographic Driver

Table 13: Global Aging Population in Select Regions/Countries (2015 & 2050P): Population of 60+ Individuals in ‘000s and as a Percentage of Total Population (includes corresponding Graph/Chart)
Table 14: Global Aging Population (in Thousands) by Age Group: 1975, 2000, 2025, and 2050 (includes corresponding Graph/Chart)
Growing Middle Class Population to Drive Demand

Table 15: World Middle Class Population (2012 & 2030F): Percentage Share Breakdown by Region Asia-Pacific, Europe, Latin America, Middle East & Africa and North America (includes corresponding Graph/Chart)
Key Growth Restraining Factors & Challenges
Pricing Pressures
Continued Price Sensitivity Thwart Sales
Low Operating Margins: A Hurdle for New Technology Developments
Lack of Awareness among HVAC Contractors Restrain Growth of Induct Units
Untested & Unsupported Products Whittle Down Consumer Confidence
Lack of Universal Regulations: A Major Pitfall
Anti-Smoking Laws to Stalemate New Equipment Sales

4. AIR PURIFIER ADVANCEMENTS AND INNOVATIONS: SPEARHEADING GROWTH
Integrated Powered Air Purifying Respirators
Personal Air Purifiers
Photocatalytic Air Purifier
Advanced Air Purifiers with E2F Filter Technology
Smart Air Purifiers
Compact Air Purifier Systems
Combination Technology-Based Air Purifier
Elimination of Air Pollutants Using Chemical and Physical Methods
Innovation at the University of Toronto
Other Noteworthy Innovations in the Air Purifiers Market
Air Purifying Products with Multiple Benefits
5. REGULATORY ENVIRONMENT
Sick Building Syndrome
Occupational Safety and Health Administration (OSHA)
American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
Laws for IAQ Improvement in Schools
Criteria for Improved IAQ
Types of Contaminants Present in Indoor Air and their Acceptable Levels
Energy Star Indoor Air Package: A Boon for Builders

6. PRODUCT OVERVIEW
A Prelude
History and Evolution of Air Purifiers
1600s
1700s-1800s
1900s
Emergence of the First Air Purifier
Advanced Air Purifiers
Air Purification Technologies
Filter-based Purification Technology
Photocatalytic Oxidation Technology
Ultra Low Penetration Air Filters
Ionizer Purifiers
a) Liquid Ionizer Purifiers
b) Air Ionizer Purifiers
Plasma Air Purifiers
Ozone Generators
Hydroxyl Radicals
Activated Carbon
Table 16: Technologies and their Efficiencies in Removing Air Borne Contaminants (includes corresponding Graph/Chart)
Types of Filtration Technologies and their Advantages and Limitations
Types of Air Purifiers
Stand-Alone Purification Equipment
Media Combination Based Stand-Alone Air Purification Equipment
Electrostatic Precipitation Based Stand-Alone Air Purification Equipment
Plasma-Based Stand-Alone Air Purification Equipment
Other Stand-Alone Air Purification Equipment
End-Use
Induct Air Purification Equipment
Types of Induct Air Purification Equipment
Media Combinations Based Induct Air Purification Equipment
Ultra Violet Induct Air Purification Equipment
Electrostatic Precipitation Based Induct Air Purification Equipment
Photo Catalytic Oxidation Based Induct Air Purification Equipment
‘Other’ Induct Air Purification Equipment
Air Purification Solutions Adding to Indoor Pollution!
Testing of Ozone-Generating Ionic Air Purifiers Becomes Mandatory
Why Stand-Alone Units and Why Not Induct Units?

7. PRODUCT INNOVATIONS/INTRODUCTIONS
Rocky Mountain Introduces New Air Purifier
Eureka Forbes Launches New Line of Air Purifiers on Snapdeal
HealthWay to Unveil New Range of Commercial Air Cleaners
Panasonic Introduces New Air Purifiers in the Middle East
Keen Home to Introduce Smart Air Filters
SolarHippo Launches Air Purifiers
Kent RO Systems Unveils New HEPA Air Purifiers
Livpure Introduces New Line of Smart Air Purifiers
Philips Introduces New In-car Air Purifier
Ozner Water Unveils Smart Air Purifier for Homes
Panasonic Introduces Nanoe Technology Air Purifier
HSIL Launches moonbow Air Purifiers
Xiaomi Introduces New Air Purifier
Honeywell Unveils New Air Touch™ Air Purifiers
Sharp Unveils Mosquito Catcher Air Purifier
ROWENTA® Launches Intense Pure Air
ARIIX Introduces New Air Purification System
Sharp Introduces New Air Purifiers
Dyson Launches Pure Cool Purifier Fan
OSIM Unveils New Air Purifier
Xiaomi Introduces WiFi-Enabled Air Purifier
Dexwet Launches Room Air Filter System
Honeywell Launches Bluetooth® Smart True HEPA Allergen Remover
Fellowes Introduces AeraMax
Aerobiotix Unveils Aero One Systems
Continental Fan Manufacturing Introduces CX3000GS DUCTED AIR PURIFIER
OHT Solutions Introduces Odorox® Air Purification and Decontamination Equipment
Seal Shield Unveils AeroShield™ PC Enclosure and Air Purification System
Trion Expands IAQ Line of Residential Filter Options
Aerobiotix Introduces New Air Disinfection Technology

8. RECENT INDUSTRY ACTIVITY
enVerid Systems Announces Partnership with BreatheEasy
Daikin Takes Over Flanders Holdings
Hengst Takes Over Nordic Air Filtration
Zerorez® Partners with HealthWay Home Products
ATCO Partners with Environmental Air Cleaning
RGF Environmental Group Inks Agreement with Ingersoll Rand
UV Flu Technologies Signs Distribution Agreement with UCES

9. FOCUS ON SELECT GLOBAL PLAYERS
3M Company (US)
Abatement Technologies, Inc. (US)
AllerAir Industries, Inc. (US)
Aprilaire (US)
Blueair, Inc. (US)
Camfil Group (Sweden)
Carrier Corporation (US)
Continental Fan Manufacturing Inc. (US)
Daikin Industries, Ltd. (Japan)
EcoAir (UK)
Electrocorp (Canada)
Guardian Technologies (US)
Hamilton Beach Brands, Inc. (US)
HealthWay Home Products, Inc. (US)
Honeywell International, Inc. (US)
Hoover (US)
Hunter Fan Company (US)
IQAir North America Incorporated (US)
Jarden Corporation (US)
Lennox International, Inc. (US)
LG Electronics, Inc. (South Korea)
Oreck Corporation (US)
Panasonic Ecology Systems Co., Ltd. (Japan)
Royal Philips Electronics N.V. (The Netherlands)
Sanuvox Technologies Inc. (Canada)
SANYO Electric Co., Ltd. (Japan)
Sentry Air Systems, Inc. (US)
Sharp Corporation (Japan)
Steril-Aire Inc. (US)
Trion Inc. (US)
Whirlpool Corporation (US)
White-Rodgers (US)

10. GLOBAL MARKET PERSPECTIVE
Table 17: World Recent Past, Current & Future Analysis for Air Purification Equipment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 18: World 7-Year Perspective for Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 19: World Recent Past, Current & Future Analysis for Stand-Alone Air Purification Equipment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 20: World 7-Year Perspective for Stand-Alone Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 21: World Recent Past, Current & Future Analysis for In-Duct Air Purification Equipment by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 22: World 7-Year Perspective for In-Duct Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2016 and 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis
The United States: The Largest Air Purification Equipment Market in the World
Major Factors Influencing Purchase of Air Purifiers
Table 23: US Air Purification Market (2015E): Percentage Share Breakdown of Unit Sales by Age Group (includes corresponding Graph/Chart)
Reviving Economy to Benefit Market Growth in the Near Term
Table 24: Air Purification Equipment Market in the US (in Thousand Units): 2014, 2015E & 2016E (includes corresponding Graph/Chart)
Recovering Construction Activity to Spur Demand for HVAC-Filter Based Purifiers
Table 25: Residential Construction in the US (2007-2017P): Number of Housing Starts by Type Single-Family Units and Multi-Family Units (in '000) (includes corresponding Graph/Chart)
Table 26: Projected Growth (%) of the US Construction Market over the Period 2012-2020 by Sector (includes corresponding Graph/Chart)
Growing Awareness of Indoor Air Quality (IAQ) to Drive Legislative Initiatives
Table 29: Top 10 Polluted Cities in the United States (includes corresponding Graph/Chart)
Stringent Regulations Drive Demand for High Value Products
HEPA Purifiers and Technologically Advanced Purifiers: Preferred Air Purifiers in the US
High Rate of Infectious Diseases Propel Demand for HEPA Purifiers
Anti-Smoking Law and Its Implications

B. Market Analytics
Product by Technology
Table 31: US Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 32: US Historic Review for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets Independently Analyzed with Annual...
Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 33: US 14-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Product by Contaminant Removal Feature
Table 34: US Recent Past, Current & Future Analysis for Air Purification Equipment by Contaminant Removal Feature
Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 35: US Historic Review for Air Purification Equipment by Contaminant Removal Feature
Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 36: US 14-Year Perspective for Air Purification Equipment by Contaminant Removal Feature
Percentage Breakdown of Revenues for Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 37: Housing Starts in Canada (2008-2014): Breakdown of Number of Housing Starts in ’000s (includes corresponding Graph/Chart)
Table 38: Canadian Non-Residential Construction Sector's Capital Expenditure in US$ Billion: 2010-2014 (includes corresponding Graph/Chart)
Corporate Development
Select Key Players

2. CANADA
A. Market Analysis
Recovery in Construction Activity to Benefit Market Expansion
Table 39: Canadian Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 40: Canadian Historic Review for Air Purification Equipment by Product Type
Stand-alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 41: Canadian 14-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-alone Air Purification Equipment (Media Combinations, ESP, and Others) and In-Duct Air Purification Equipment (Media Combination, UV, ESP, and Others) Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Product by Contaminant Removal Feature
Table 42: Canadian Recent Past, Current & Future Analysis for Air Purification Equipment by Contaminant Removal Feature
Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 43: Canadian Historic Review for Air Purification Equipment by Contaminant Removal Feature
Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 44: Canadian 14-Year Perspective for Air Purification Equipment by Contaminant Removal Feature
Percentage Breakdown of Revenues for Air Purifiers with Odor Removal Features (Stand-Alone and In-Duct) and Air Purifiers without Odor Removal Features (Stand-Alone and In-Duct) Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Market Overview
Rising Focus on Developing Energy Efficient Air Purifiers Benefit Market Expansion
Fujita's New EAP Technology Brings Down Pollution Levels
Tsunami & Earthquake Help Spur Construction Activity & Demand for Air Purifiers
Steady Growth in New Construction Augurs Well for the Market
Table 45: Annual New Construction Starts in Japan (2010-2015) (includes corresponding Graph/Chart)

Corporal Development
Select Key Players
B. Market Analytics
Table 46: Japanese Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 47: Japanese 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Outlook

Steady Growth Projected for the European Air Purifiers Market Despite Challenges
Spiraling Air Pollution & Emission Levels Drive Market Demand in the Near Term
Table 48: Per Capita Emissions in Major European Countries by Air Pollutant (2013): Ammonia, Nitrogen Oxides, and Non-Methane VOC Emissions (in Kilograms) (includes corresponding Graph/Chart)
Table 49: Total Emissions in Major European Countries by Air Pollutants (2013): Ammonia, Nitrogen Oxide, Non-Methane VOC, and Sulphur Oxide Emissions (in Thousand Tons) (includes corresponding Graph/Chart)

Recovery in Construction Activity Bodes Well for Market Growth
Table 50: Construction Industry in Europe (2010-2015E): Percentage Change of Construction Output by Segment (includes corresponding Graph/Chart)
Table 51: European Construction Market by Sector (2014): Percentage Share Breakdown of Value Sales for Civil Engineering, Non-Residential, and Residential (includes corresponding Graph/Chart)

B. Market Analytics
Table 52: European Recent Past, Current & Future Analysis for Air Purification Equipment by Geographic Region
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 53: European 7-Year Perspective for Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 54: European Recent Past, Current & Future Analysis for Air Purification Equipment by Geographic Region
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 55: European 7-Year Perspective for Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4a. FRANCE
A. Market Analysis
Outlook
B. Market Analytics
Table 56: French Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 57: French 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4b. GERMANY
A. Market Analysis
Germany: The Largest Air Pollution Control Market in Europe
B. Market Analytics
Table 58: German Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Graph/Chart)
Table 59: German 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4c. ITALY
A. Market Analysis
Outlook
B. Market Analytics
Table 60: Italian Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 61: Italian 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A. Market Analysis
Outlook
Air Purifiers Gather Steam in the UK Market
Key Statistics:
Table 62: CO2 Emissions (in Million Metric Tons) in the United Kingdom: 1995, 2005, & 2015E (includes corresponding Graph/Chart)
Table 63: CO2 Emissions (in Million Metric Tons) in the United Kingdom: 2004-2014 (includes corresponding Graph/Chart)
Table 64: UK Carbon Emissions as a Percentage of Total GHG Emissions: 2010-2014 (includes corresponding Graph/Chart)
Product Launch
EcoAir
A Major UK-Based Company
B. Market Analytics
Table 65: The United Kingdom Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 66: The United Kingdom 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4e. SPAIN
A. Market Analysis
Outlook
B. Market Analytics
Table 67: Spanish Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 68: Spanish 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4f. RUSSIA
A. Market Analysis
Outlook
B. Market Analytics
Table 69: Russian Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 70: Russian 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Corporate Development
Select Key Players
B. Market Analytics
Table 71: Rest of Europe Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 72: Rest of Europe 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Outlook
Adverse Effects of Haze on Air Quality in South East Asia Propels Demand for Air Purifiers
Japanese Brands Enjoy High Popularity in the Region
Focus on Product Innovation: A Must for Marker Participants
Smart Air Purifier from Xiaomi
Multifunction Products Present Huge Market Potential
Robust Construction Activity Boosts Market Demand
Table 73: Projected Growth in the Asian Construction Market by Region and Sector (2014-2020) (includes corresponding Graph/Chart)
Table 74: Asian Construction Market (2015): Percentage Breakdown of Spend by Sector (includes corresponding Graph/Chart)
Rising Concerns over Air Pollution (Ambient & Indoor) Strengthens Market Prospects
Table 75: Top 5 Polluted Countries in Asia with a Higher PM (includes corresponding Graph/Chart)
Shift of Manufacturers in Developed Countries to Asian Markets Bodes Well for the Market
B. Market Analytics
Table 76: Asia-Pacific Recent Past, Current & Future Analysis for Air Purification Equipment by Geographic Region
China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 77: Asia-Pacific 7-Year Perspective for Air Purification Equipment by Geographic Region
Percentage Breakdown of Revenues for China and Rest of Asia-Pacific Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
Table 78: Asia-Pacific Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 79: Asia-Pacific 7-Year Perspective for Air Purification Equipment by Product Type
Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

5a. CHINA
A. Market Analysis
Alarming Levels of Smog in Major Cities Boosts Sales of Air Purifiers
Table 80: Air Purification Equipment Market in China (in Thousand Units): 2014, 2015E & 2016E (includes corresponding Graph/Chart)
Manufacturers Continue to Benefit from Lucrative Opportunities in China
A National Manufacturing Standard: Need of the Hour
Education Authorities in Beijing Plan Air Purifiers in New Schools
Air Purifiers: An Essential Requirement for People with Heart Diseases in China
Stringent Regulatory Standards on Air Pollution Control: A Strong Growth Driver
Table 81: Few of the Most Polluted Cities in China (2014) (includes corresponding Graph/Chart)
The 'Cleaner Indoors' Approach Promotes Market Demand
Builders Focus on Advanced Air Purifiers to Improve Building Quality
Philips Plans to Expand Car Air Purifier R&D in China
Key Challenges Facing the Chinese Market

Competitive Landscape

Table 82: Leading Players in Chinese Air Purification Market (2014): Percentage Share Breakdown of Value Sales for BlueAir, Philips, Panasonic, Sharp, Yadu and Others (includes corresponding Graph/Chart)

Distribution Channels

Product Launches

Beijing YADU Environmental Protection Technology Co., Ltd.
A Major China-Based Company

B. Market Analytics

Table 83: Chinese Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type

Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 84: Chinese 7-Year Perspective for Air Purification Equipment by Product Type

Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

5b. REST OF ASIA-PACIFIC

A. Market Analysis

Outlook

Review of Select Markets

India: Spiraling Air Pollution Levels Drive Market Demand

Table 85: Most Polluted Cities in India by PM 2.5 Level: 2014 (includes corresponding Graph/Chart)

Major Cities Dominate Air Purifier Sales in India

Product Innovations to Remain a Major Driver for Future Market Growth

Blueair Sense+: A Technically Advanced Air Purifier for the Lucrative Indian Market

Key Opportunities and Challenges in India

Australia: A Growing Market

Thailand: Rising Indoor Air Quality Concerns Boosts Sales

Malaysia: Highly Reliant on Imports

Taiwan: A Niche Market

Product Launches

Select Key Players

B. Market Analytics

Table 86: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type

Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 87: Rest of Asia-Pacific 7-Year Perspective for Air Purification Equipment by Product Type

Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

6. LATIN AMERICA

A. Market Analysis

Outlook

B. Market Analytics

Table 88: Latin American Recent Past, Current & Future Analysis for Air Purification Equipment by Geographic Region

Brazil and Rest of Latin America Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 89: Latin American 7-Year Perspective for Air Purification Equipment by Geographic Region

Percentage Breakdown of Revenues for Brazil and Rest of Latin America Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

Table 90: Latin American Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type

Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 91: Latin American 7-Year Perspective for Air Purification Equipment by Product Type

Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)
6a. BRAZIL
   A. Market Analysis
   Outlook
   B. Market Analytics
   Table 92: Brazilian Recent Past, Current & Future Analysis for Air Purification Equipment by Product Type
   Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently
   Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding
   Graph/Chart)
   Table 93: Brazilian 7-Year Perspective for Air Purification Equipment by Product Type
   Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification
   Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

6b. REST OF LATIN AMERICA
   A. Market Analysis
   Outlook
   B. Market Analytics
   Table 94: Rest of Latin American Recent Past, Current & Future Analysis for Air Purification Equipment by
   Product Type
   Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently
   Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding
   Graph/Chart)
   Table 95: Rest of Latin American 7-Year Perspective for Air Purification Equipment by Product Type
   Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification
   Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

7. REST OF WORLD
   A. Market Analysis
   Outlook
   Middle East Air Purifiers Market: An Overview
   Product Launches
   B. Market Analytics
   Table 96: Rest of World Recent Past, Current & Future Analysis for Air Purification Equipment by Product
   Type
   Stand-Alone Air Purification Equipment and In-Duct Air Purification Equipment Markets Independently
   Analyzed with Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding
   Graph/Chart)
   Table 97: Rest of World 7-Year Perspective for Air Purification Equipment by Product Type
   Percentage Breakdown of Revenues for Stand-Alone Air Purification Equipment and In-Duct Air Purification
   Equipment Markets for Years 2016 and 2022 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
   Total Companies Profiled: 126 (including Divisions/Subsidiaries 135)
   The United States (65)
   Canada (10)
   Japan (11)
   Europe (14)
     - France (1)
     - Germany (1)
     - The United Kingdom (4)
     - Italy (1)
     - Rest of Europe (7)
   Asia-Pacific (Excluding Japan) (33)
   Latin America (1)
   Africa (1)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/834994/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Air Purification Equipment - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/834994/
Office Code: SCWPOKYW

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>✔️</td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>✔️</td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>✔️</td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>✔️</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number: 833 130 83
Sort code: 98-53-30
Swift code: ULSBIE2D
IBAN number: IE78ULSB98533083313083
Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World