

**SAMSUNG**

**SAMSUNG**

SIMPLY DIAL  
**1800 40 SAMSUNG**  
7 2 6 7 8 6 4

Customer convenience through 24x7 call centre facility.  
Comprehensive network of over 3,000 service points across India.  
Online Web Call Registration: <http://www.samsung.com/in/support>.

Registered Address: Samsung India Electronics Pvt. Ltd., 6th Floor, DLF Center, Sansad Marg, New Delhi - 110001.  
C.I.N. - U31900DL1995PTCO71387. All features and specifications mentioned herein can be changed without prior notice. Images shown in the catalogue are for representation purpose only, actual product may vary. Log on to [www.samsung.com/in](http://www.samsung.com/in) for more details.

 For recycling your electronics waste, please call 1800 40 SAMSUNG (7267864) or visit <http://www.samsung.com/in/samsungrecycle/>

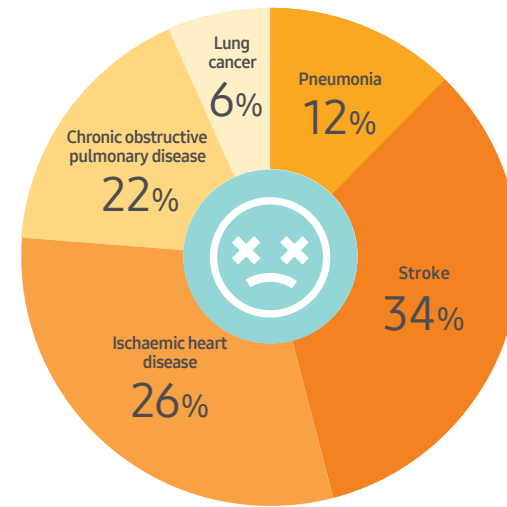


**Samsung Air Purifier**  
**Breathe Clean Air**  
**Pure, Fast & Wide.**



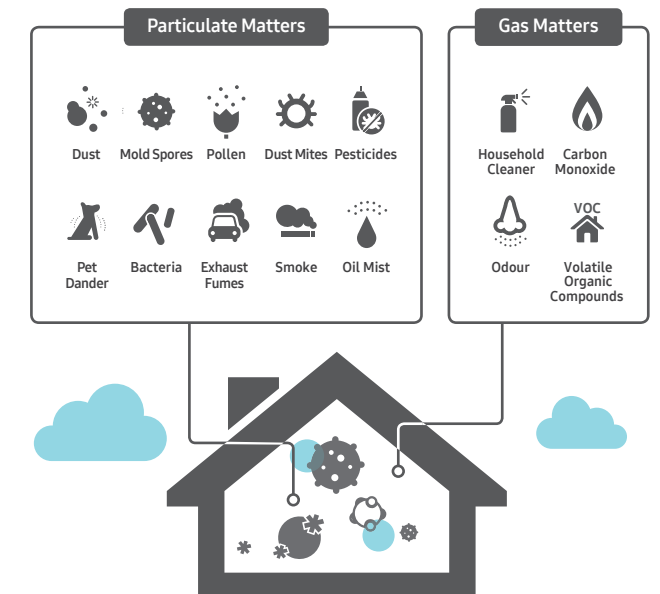
# Do you think your indoor air quality is clean enough?

## Diseases attributed to indoor air pollution\*\*



\*\*As per data of WHO (World Health Organization) of 2014

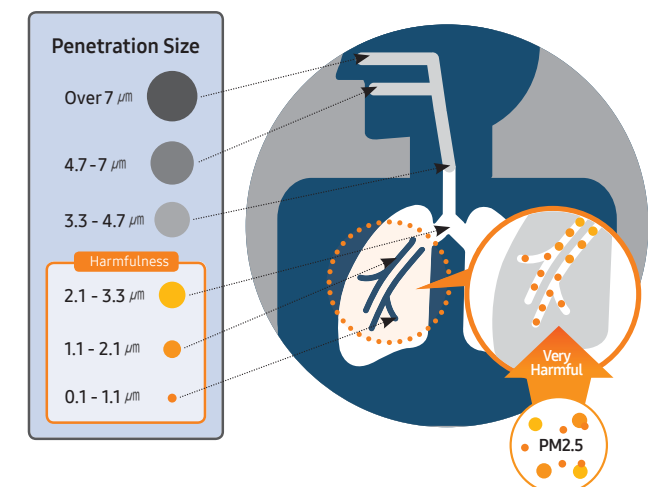
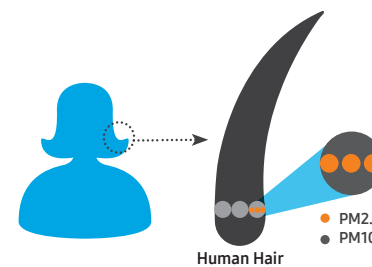
## Types of indoor air pollutants



## What is PM2.5 and how can it affect health?

PM is the term for particles found in the air, including dust, dirt, soot, smoke and liquid droplets. And, PM2.5 refers to fine particles with a diameter of 2.5µm or less.

PM2.5 can penetrate deeper into the parts of the lungs that are vulnerable to injury\*\*\*.



\*\*\*EPA (US Environmental Protection Agency)  
For more details visit: <https://cfpub.epa.gov/airnow/index.cfm?action=aqibasics.particle>

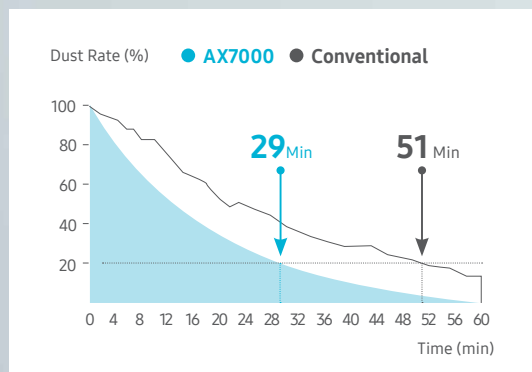
## Samsung Air Purifier

Indoor air pollution is one of the primary causes of diseases amongst adults and children in India. Even when the weather seems nice, there are particulates in the air which cause respiratory diseases. While we ensure the water we drink is clean, what do we do about the air? We breathe in 14000 L (approx) of impure air every day. It is our job to make sure our loved ones can breathe clean and fresh air. Samsung introduces Air Purifiers with Triple Premium Filters and Virus Doctor which trap dust, household odours and noxious gases, also capturing up to 99% of 0.3 µm fine particles\* so that your family can breathe easy. Discover a new way of life with Samsung Air Purifiers.

\*Tested on AX70J7000Wt in KIMM (Korean Institute of Machinery & Materials). Individual results may vary.

# Fast and wide purification

Lots of fine dust can quickly accumulate in large rooms where people regularly gather. Fortunately, the Samsung Air Purifier Blue Sky AX7000's Front Air Intake easily draws in air and operates just as effectively even if it's placed against the wall. Dual Power Fans powerfully purify and distribute the clean air through its 3 Directional Air Output. So it reaches wider and purifies faster<sup>1</sup> with a CADR (Clean Air Delivery Rate) of 773 cu. meters per hour<sup>2</sup> with a coverage area of up to 93 sq. meters<sup>#</sup>.



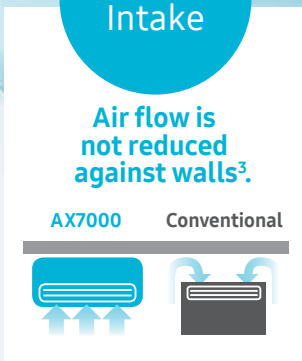
<sup>1</sup> Tested on AX70J7000WT/SC. Compared with Samsung conventional model AC-505CMAGA. Performance may vary depending on the actual usage environment.  
<sup>2</sup> 773 CADR m<sup>3</sup>/h based on testing by CHEARI (China Household Electric Appliances Research Institute). Individual results/performance may vary depending on the actual usage environment.

#Tested on AX70J7000Wt in KCL (Korean Conformity Laboratories). Individual results may vary.

Dual Power Fans

3 Directional Air Output

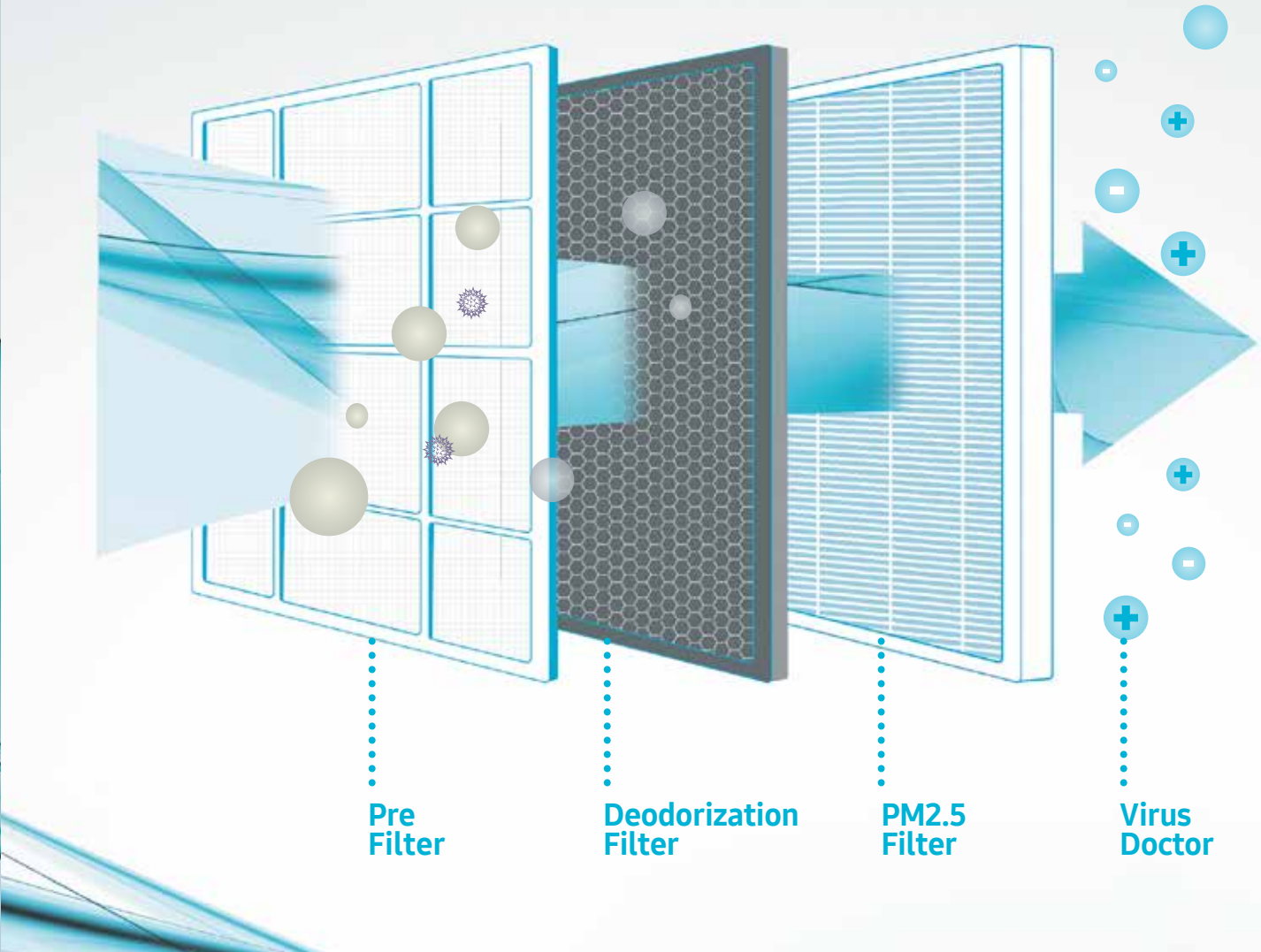
Front Air Intake



<sup>3</sup> Tested on AX70J7000WT/SC. Compared with Samsung conventional model AX037FCVAUWD. Based on internal testing (Size of testing volume: 30m<sup>3</sup>, Dust size: 0.3 μm/Comparison test of various position against walls). Individual results/performance may vary depending on the model and actual usage environment.



## 4-Step Filtration System



## Detects & displays the level of dust & gas

How can you measure the cleanliness of the air in your room? Using a PM2.5 Sensor, PM10 Sensor and Gas Sensor, the Samsung Air Purifier Blue Sky AX7000's Air Intelligent Display lets you see the real-time air pollution level drop. The numeric display shows the level of PM2.5 and PM10 from 9 to 999 $\mu\text{m}/\text{m}^3$ , and the various colour lights of the tree icon also visually show them together with the level of harmful gas, so you'll immediately know how pure the air is, even from far away.

Purity Level	Colour	PM10	PM2.5	Gas level
5		351 above	151 above	Level 6 - 7
4		251 - 350	116 - 150	Level 5
3		151 - 250	76 - 115	Level 4
2		51 - 150	36 - 75	Level 3
1		50 under	35 under	Level 0 - 2

## Reduces up to 99% PM2.5 & viruses

The Samsung Air Purifier Blue Sky AX7000's 4-Step Filtration System keeps air outstandingly pure. A Pre Filter captures general indoor dust. A deodorization filter also filters out major harmful gases, such as ammonia and benzene<sup>^</sup>. Its PM2.5 Filter captures over 99% of ultrafine and 0.02 $\mu\text{m}$  hyperfine particles<sup>~</sup>. Finally, Virus Doctor reduces up to 99% of certain harmful viruses, bacteria, mold and airborne allergens<sup>##</sup>.

Filter	Filterable Elements
Step 1 Pre Filter	General house dust, Pet hair, Animal dander
Step 2 Deodorization Filter	Ammonia, Acetaldehyde, Acetic acid, Formaldehyde, TVOC, Benzene, Ethyl benzene, Xylan, Styrene
Step 3 PM2.5 Filter	Over 99% of PM10, PM2.5 and ultrafine (0.3, 0.1 $\mu\text{m}$ ) and 0.02 $\mu\text{m}$ hyperfine particles
Step 4 Virus Doctor	99% of certain harmful viruses, Bacteria, Mold and Airborne allergens

<sup>~</sup>Tested on AX70J7000WT in KIMM (Korea Institute of Machinery & Materials) for 0.02 $\mu\text{m}$ , 0.1 $\mu\text{m}$ , 0.3 $\mu\text{m}$  and PM2.5, PM10. Individual results/performance may vary depending on the model and actual usage environment.

<sup>^</sup>Tested on AX70J7000WT in KIMM (Korea Institute of Machinery & Materials) for ammonia, acetaldehyde and acetic acid. Also tested in China household electric appliance research institute for formaldehyde, TVOCs and benzene and in KCL (Korea Conformity Laboratories) for ethylbenzene, xylan, styrene. Individual results/performance may vary depending on the model and actual usage environment.

<sup>##</sup>Tested in Kitasato Environmental Science Center (Japan) & Yonsei Univ. (Korea)/Korea test lab (FITI/KEMTI) and Japan test lab (ITEA). Individual results/performance may vary depending on the model and actual usage environment.

# Advanced air flow system

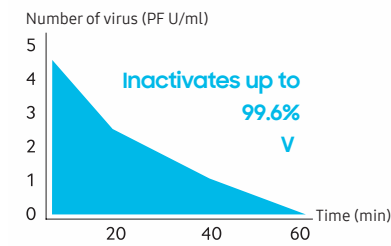
Quickly purifies a wide area, reaching from corner to corner<sup>^^</sup>. A Front Air Inflow easily draws in air and a Dual Fan spreads clean air in 3 directions, so it spreads much wider and faster with a high CADR<sup>^^^</sup>.

- 1 Large Front Air Intake**  
Quickly takes in a huge volume of air
- 2 Dual Fan**  
Circulates air faster
- 3 Three Directional Air Output**  
Fills your room with clean air faster



# Virus Doctor

Samsung's Virus Doctor technology helps in removing viruses & bacteria. The virus removing ions are generated by S-Plasma ion technology. These ions bond with harmful bio-contaminants and destroy them to provide safe and pleasant air that is up to 99.7% free of contaminants, bacteria and viruses.



## H1N1 Virus A

- **Test institute:** Department of Biotechnology of Yonsei University
- **Temperature:** 24<sup>o</sup> C
- **Size of chamber:** 1m<sup>3</sup>
- **Relative Humidity:** 51 - 60%



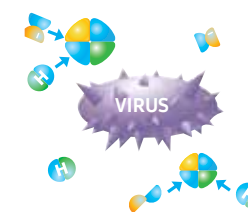
# Undoubtable durability

Minimum wear and tear which greatly extends Air Purifier life.

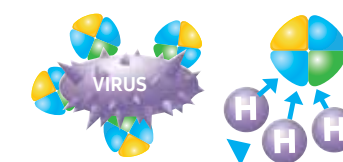


## How viruses are removed

Virus-removing ions generated by S-Plasma ion technology bond with harmful bio-contaminants and simultaneously take away three hydrogen atoms, thus ensuring more effective removal of viruses.



Surrounding Bacteria generated by combining active hydrogen and oxygen ions「HOO-」surround harmful substances, such as bacteria, viruses in the air.



Destroying Structure「HOO-」 destroys hazardous substances by destroying binding structure「H」 wall form with protein「C-H-O」.



Clean bacteria generated during the process of removing hazardous substances,「H2O」returns to moisture to provide safe and pleasant air.

<sup>^^</sup>Based on internal test result. Tested on AX60K5580WFD compared with Samsung conventional model AX40K3020UWD. Performance may vary depending on the actual usage environment.  
<sup>^^^</sup>CADR > 400m<sup>3</sup>/h. Tested on KJ400F-K5586WF in Guangdong Detection Center of Microbiology. Individual results may vary.

# Visibly clean air you can trust

with AX5500 series



The Samsung AX5500 air purifier can rapidly purify your living spaces with an aerodynamic air flow technology. With a 4-step purification system, it removes up to 99% of ultrafine dust, certain viruses and harmful gases. Its Dual Smart Sensor detects the air quality in real time and the Air Digital Display numerically shows the result, so you can be sure that you're breathing clean air. It quickly purifies a wide area, reaching from corner to corner across your living spaces up to 60 sq. meters of area with a Clean Air Delivery Rate of 455 cu. meters/hr<sup>4</sup>. The first-of-its-kind Filter Life Indicator lets you track the life of the filter and help users to plan their next filter purchase. Equipped with 360° wheels, the product can be easily moved anytime and anywhere based on the requirement.

# Move easily anywhere

It's really easy to move whenever and wherever you want as it has hidden wheels, which don't spoil the overall design. So it can be simply pushed or pulled to any location that needs more intensive purifying.



# Performs effectively

Auto Mode senses the pollution level and automatically adjusts the power to maintain the optimum air quality. Sleep Mode provides a soft and quiet air flow, while Speed Mode refreshes a room at full power for 30 minutes.

# Easy to maintain

A front-sided air inlet means you don't need to move it unnecessarily or pull it away from the wall to clean or change the filter. And a washable Pre-filter only needs periodic cleaning and the 2-in-1 PM2.5 and Deodorization filter can be quickly and easily replaced.



<sup>4</sup> Tested on AX60K5580WFD in KCL (Korea Conformity Laboratories) and certified by KACA (Korean Air Cleaning Association). Individual results/performance may vary depending on the model and actual usage environment.

# Breathe pure air anywhere

with AX3000 series



Samsung's Jupiter series of AX3000 Air Purifiers lets you breathe clean, fresh air all day anywhere. These purifiers are designed to work effectively and efficiently at locations like a normal household, an office, hotel, restaurant, airports or a hospital, so you can have a cleaner and healthier environment. These aesthetically good looking models are efficient in covering up to 39 sq. mtr<sup>5</sup> of area and its 4 step purification system protects you from dust, odours, viruses and bacteria to give you up to 99% clean air.

<sup>5</sup> Tested on AX40K3020UW in KCL (Korea Conformity Laboratories) and certificated by KACA (Korean Air Cleaning Association). Individual results/performance may vary depending on the model and actual usage environment.



## Triple Premium Filters

with up to 99%<sup>6</sup> clean air

Samsung AX3000 series air purifiers are equipped with a Triple Premium Filter. Triple Premium Filter is a combination of 3 heavy duty filters.

<b>Pre Filter</b>	Collects large dust particles
<b>Deodorization Filter</b>	Reduces harmful gases like formaldehyde
<b>PM2.5 Filter</b>	Captures over 99% <sup>6</sup> of ultrafine dust

<sup>6</sup> Tested on AX037FCVAUWD in KIMM (Korea Institute of Machinery & Materials). Individual results/performance may vary depending on the model and actual usage environment.



# Purity that whispers

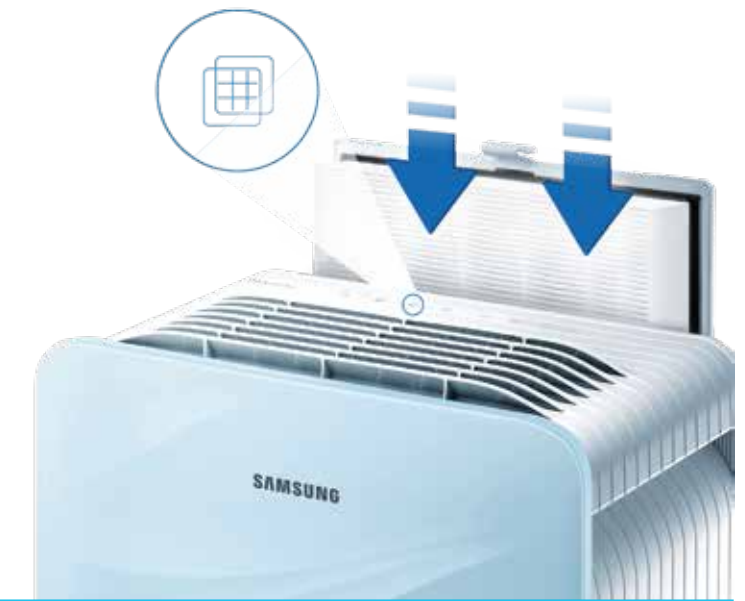
Forget loud and noisy purifiers. The Samsung AX3000 is as silent as it is effective. It generates only 20 dB(A)<sup>7</sup> of sound, making it ideal for areas where you relax, concentrate or which are sensitive to external noises.



<sup>7</sup>In condition of "sleep" mode

# Maintain without care

Maintaining the Samsung AX3000 is so easy, a child could do it! The washable pre-filter only needs periodic cleaning and the 2-in-1 PM2.5 and deodorization filters can be quickly and easily replaced. Alert icons also light up and blink when a change is required.



# Safety you can count on

The AX3000 is built to ensure you breathe easy. The Child Lock is designed to prevent any unintended or improper use, especially by children.



# 4-Colour indicator

Visualize the level of dust in real time  
A Dust Sensor detects the amount of dust in real time and its 4-Colour Indicator clearly shows the results using an LED light with 4 colour variations







## Detailed specifications of air purifiers



# Reasons to have an air purifier

- **Offices:** In an open office environment, people with sensitivities to odours such as perfume can suffer immensely, and the potential for virus and bacteria transfer between workers is very high.
- **Houses:** A typical home contains lot of toxic chemicals from things like household cleaning products, carpets, furniture, paints, smoking, cooking and other electronic equipments, all of which may be accumulating to dangerous levels inside the house.
- **Hospitals:** Generally hospitals deal with situations that are highly susceptible to infections. Often they host environments which promote airborne bacteria & viruses etc.
- **Smoke/Gases:** You stay or work in an environment where one or more people smoke or use of fireplace inside the rooms or Smoking Zones in pubs/bars/airports etc.
- **Gymnasiums:** Gymnasiums are supposed to maintain a proper ventilation and hygienic environment. Due to lot of human effort

involved, it generates bacteria, odour etc. which affects the people involved.

- **Hotels/Restaurants:** Being hospitality industry the rooms, lobbies etc. requires lots of design work, decorative furniture, linen etc. This in turn releases different types of toxic material which directly or indirectly affects respiratory function.
- **Traffic near Residential Colonies:** Most of the metro towns have got high traffic zones along with residential colonies. This creates lots of pollutants which directly affects lungs.
- **Elderly Parents:** Elder parents are prone to get affected with airborne infections due to declining immunity.
- **New Born Babies:** New born babies are very sensitive towards the external environment and can easily get affected from airborne allergies.
- **Allergic Profile:** People having background of allergic profile are more prone to get infected from airborne viruses, pollens, allergens etc.

	AX7000	AX5500	AX3000
MRP	₹ 59990/-	₹ 34990/-	₹ 24000/-
Coverage Area	93 m <sup>2</sup> (1000 Sq. ft.)	60 m <sup>2</sup> (646 Sq. ft.)	39 m <sup>2</sup> (420 Sq. ft.)
CADR (m <sup>3</sup> /hr)	773	455	327
Digital Display	Yes	Yes	No
Virus Doctor	Yes	Yes	Yes
Filter Change Indicator	Yes	Yes	Yes
Colour Indicator	Yes	Yes	Yes
Max. Noise (db(A))	54	50	45
Energy (W)	80	60	34
Auto/Sleep Mode	Yes	Yes	Yes
Air Flow Control	3 Step	3 Step	2 Step
Filter Life Indicator	No	Yes	No
360° Moving wheels	No	Yes	No
Child Lock	Yes	Yes	Yes

