

REMOVES THE SMOKE AND  
DUST THAT THE OUTSIDE AIR  
BRINGS INTO YOUR HOUSE.

BLUE STAR AIR PURIFIERS | with  
**SensAir**  
TECHNOLOGY



BLUE STAR



## **Did you know that the smoke and dust from the street come into your house and then stay back?**

Yes! The air outside blows fumes and dust into your house. Once inside, they are trapped by the walls. Which is why the air in your house is probably 10 times more polluted than the air outside. Over time, the air becomes a deadly cocktail of trillions of bacteria and viruses, dust mites, construction dust, cleaning agent fumes and many other pollutants. Happily for you, there is the new Blue Star Air Purifier. Its unique SensAir technology removes 99.7% of these pollutants\* and makes the air in your house clean and healthy.

In fact, this air purifier intelligently monitors and senses the Indoor Air Quality (IAQ) to give you the best indoor air purification performance. It comes in a range of styles and specifications to fit your home or office. So choose an air purifier backed by the Experts in air conditioning, choose a Blue Star Air Purifier.

\*Particulate Matter up to 2.5 microns in size.



## Air Pollution

Air Pollution is not just an outdoor problem. The air in enclosed spaces such as homes, offices, hotel rooms, schools and restaurants can also be polluted. In fact, indoor air pollution is found to be far worse than outdoor air pollution.

And it is among the top five environmental health risks, globally and in India, in particular<sup>#1</sup>.

## Sources of Indoor Air Pollution



### Particulate Matter (PM)

National Air Quality Index survey has recently stated that the Particulate Matter (PM) levels in Indian cities are about 4-5<sup>#2</sup> times higher than in the US cities. PM is commonly classified by size, as **PM 10** and **PM 2.5**.

PM Classification	Pollutant Type	Size(micrometers)	Harmful Effects
PM 10	Coarse Particle	10 in dia	Deposit in the upper airways deep inside the body
PM 2.5	Fine Particle	2.5 in dia or less	Deposit deep in the lungs

Breathing PM can cause serious health issues like irritation of airways, coughing, difficulty in breathing, reduced lung function, aggravated asthma and can cause harm to the cardiovascular system.

## Air Purifiers

Air purifiers are designed to reduce or eliminate air pollutants inside closed door environments, thereby maintaining good air quality. The quality of purification depends on the effectiveness of the technology, its efficiency and the quality of the filters used in the air purifiers.

#1 : As per US Environmental Protection Agency office of Air and Radiation

#2 : National Air Quality India CPCB Report



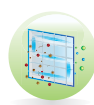
## Breathe easy with SensAir Technology

Blue Star Air Purifier's Unique **SensAir Technology** uses the most advanced Auto Sensor to intelligently sense, detect, continuously monitor and indicate the presence of harmful pollutants inside the closed environment, in the fastest time. Depending on the quality and quantity of harmful pollutants, **SensAir Technology** varies the speed and performance to automatically purify the indoor air quality, releasing only pure and safe air inside the room.

## Best-in-class Features



SensAir Technology  
with Air Quality Indicator Light



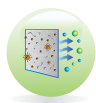
Advanced Plasma Technology



nanoe™ Technology



Powerful CADR



True HEPA Filter (enhanced with EF technology)  
for 99.7% PM 2.5 removal.  
True HEPA = HEPA12 grade.

## Tested and Certified by Internationally Reputed Organisations



SensAir Technology



BS-AP450SANS



BS-AP450SANW



BS-AP250RAP

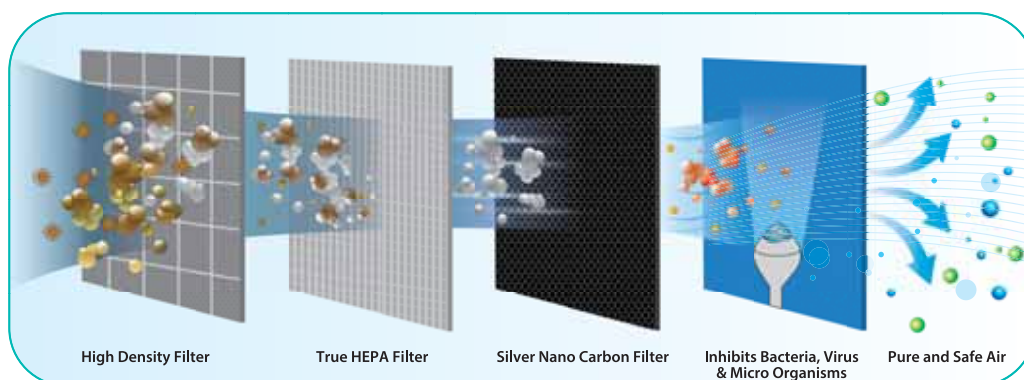
\* Features and technology may vary from model to model

## Advanced air purification technology at work

### nanoe™ Technology

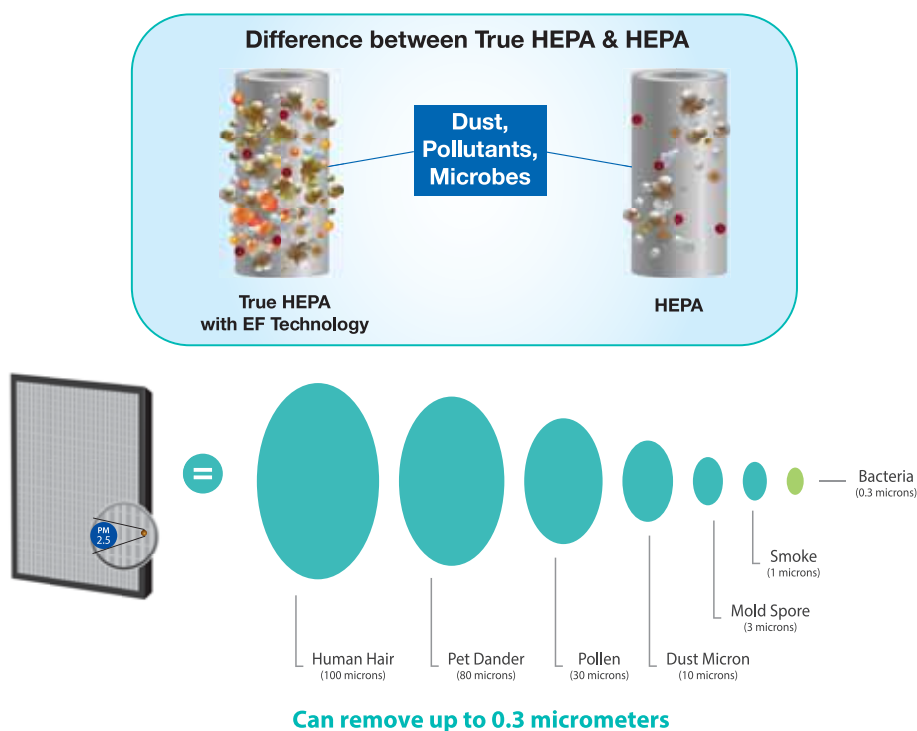
nanoe™ is nano-sized electrostatic atomised water particles with plentiful OH radicals. The powerful OH radicals generated by nanoe™ Technology purify the air by inhibiting pollutants like bacteria, viruses, molds and micro organisms.

nanoe™ Technology is very good for retaining moisture of the skin by hydrating the sebum and makes hair straighter by arranging the cuticle.



### True HEPA Filter (enhanced with EF technology) for 99.7% PM 2.5 removal

The unique HEPA filter enhanced with EF technology, efficiently and powerfully removes PM 2.5 particulate matter in the indoor air that are 0.3 micrometers or larger.



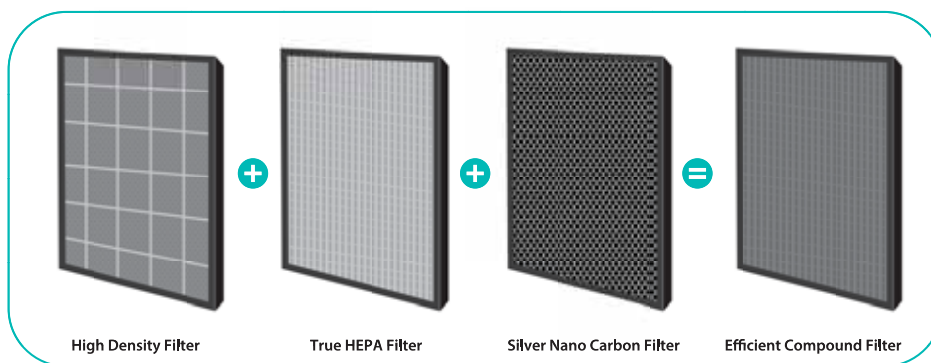


BS Air Purifier 450SANS

**Designed for extraordinary performance**

## Multi Stage Filtration

The Trishield Filtration is designed to effectively filter and purify the indoor air through a multistage process filtering all harmful indoor air pollutants. The high density filter then filters large and solid particles such as hair, lint pet fur in air and also avoids bacteria pollution. The TRUE HEPA filter absorbs and removes smoke, dust, allergens and pollens. The silver nano carbon filter sifts and removes formaldehyde, Total Volatile Organic Compounds (TVOC) and odour (smoke) in the air efficiently.



## Smart Features



SensAir Technology  
with Air Quality Indicator  
Light



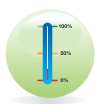
nanoe™ Technology



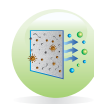
Powerful CADR



Odour Sensor



Filter Change Alarm



True Hepa Filter (enhanced  
with EF technology) for  
99.7% PM 2.5 removal



Sleep Mode



On/Off Timer  
with 3 Options



Coverage Area:  
Min. 450 Sft. -  
Max. 650 Sft.

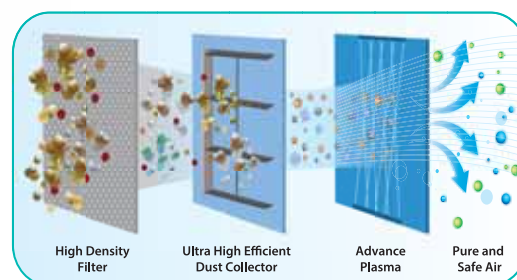


## BS Air Purifier 250RAP

**The perfect fit for your home and office**

### Advance Plasma Technology

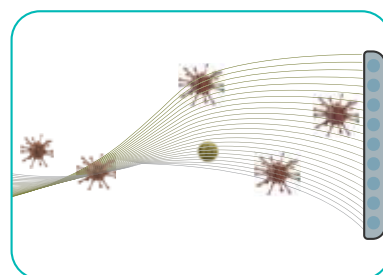
The advance plasma technology ensures that the Air Purifier absorbs, destroys and eliminates extremely harmful microbiological and chemical pollutants (microbiological pollutants like bacteria, virus, pollen, molds, dust mite, animal dander and gaseous pollutants like VOCs, Formaldehyde etc. up to 99.7%).



Plasma Technology

### Ultra High Efficient Dust Collector

These are highly charged electrostatic filters that are super-efficient and can collect dust, smoke, fine particles, up to PM 2.5 from anywhere inside a closed room environment.



Removes up to PM 2.5 efficiently

### Smart Features



SensAir Technology  
with Air Quality Indicator Light



Advance Plasma Technology



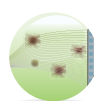
Powerful CADR



No Filter-Replacement



Coverage area: Min. 250 SFt. -  
Max. 350 SFt.



Ultra High Efficient Dust Collector



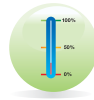
On/Off Timer with 3 options



Child Lock



Sleep Mode



Filter Clean Alarm





## BS Air Purifier 90RAP Smart, Slim and Super Efficient

### Super Silent

Designed for quiet comfort, the Air Purifier uses an advanced plasma technology to efficiently run a super quiet operation to deliver pure and safe air.

### No Filter-Replacement

Packed with advanced plasma technology, the air purifier doesn't require any filters to be replaced, thereby saving you from life long filter replacement time, energy and cost.



### Smart Features



Super Silent



On/Off Timer with 3 Options



Powerful CADR



Child Lock



Advance Plasma Technology







No Filter-Replacement



Coverage area: Min. 90 SFt.-  
Max. 110 SFt.

## Technical Specifications

					
	<b>Model</b>	<b>BS-AP450SANS</b>	<b>BS-AP450SANW</b>	<b>BS-AP250RAP</b>	<b>BS-AP90RAP</b>
Technology/Performance	Coverage Area(SFt.) (Min - Max)	450 - 650	450 - 650	250 - 350	90 - 110
	SensAir	Yes	Yes	Yes	-
	nanoe™	Yes	Yes	-	-
	Advance Plasma	-	-	Yes	Yes
	MultiStage Purification	Yes	Yes	Yes	Yes
	True HEPA12 Filter (with EF Technology)	Yes	Yes	-	-
	Powerful Clean Air Delivery Rate (CADR)	Yes	Yes	Yes	Yes
	High Density Filter	Yes	Yes	Yes	Yes
	Ultra High Efficient Dust Collector (PM 2.5)	-	-	Yes	Yes
	No. of Filters	4	4	4	3
Features	Odour Sensor	Yes	Yes	-	-
	On/Off Timer	Yes	Yes	Yes	-
	Child Lock	Yes	Yes	Yes	-
	Sleep Mode	Yes	Yes	Yes	-
	Filter Change Alarm	Yes	Yes	Yes	-
	Portable Design	-	-	-	Yes
	Air Quality Indicator Display	Yes	Yes	Yes	-
Specifications	Air Purifying (Air Volume - m3/Hr)	420	420	230	70
	Power Consumption per hour (W)	48	48	32	8
	Noise (dB[A]) (min-max)	23/33/41/49	23/33/41/49	35/40/46	Super Quiet
	Colour	Silver	Pearl White	Pearl White	Pearl White
	Dimension (W x D x H) (mm)	432 x 268 x 638	432 x 268 x 638	350 x 160 x 610	210 x 110 x 416
	Weight (Kg)	8	8	8.2	2.7
	Warranty*	2 Year*	2 Year*	2 Year*	2 Year*

\* Terms & Conditions Apply. Design, features and specifications are subject to change without notice.

\* Warranty:- 1 year warranty on filters and 1 year extended warranty on product excluding filters.

## Blue Star Air Purifier Range



BS-AP450SANS



BS-AP450SANW



BS-AP250RAP



BS-AP90RAP

### About Blue Star


Blue Star is India's leading air conditioning and commercial refrigeration company with over seven decades of expertise in providing expert cooling solutions. To be precise, the company has been providing its expertise to customers for 73 years. And, continue to be passionate about doing it every day, forever.

Blue Star has been providing a wide range of stylish, contemporary and energy efficient room air conditioners for residential, corporate and commercial applications. In fact, every third commercial building in India has a Blue Star product.

Blue Star takes pride in presenting to you great products backed by innovative technologies, to offer World Class Customer experience.



Blue Star Ltd., Bandbox House, 4th Flr, 254 D, Dr Annie Besant Road, Worli, Mumbai - 400 030. Tel: (91) (22) 66544000  
Customer care no. 1800 209 1177 (Toll free) | [www.bluestarindia.com](http://www.bluestarindia.com) | SMS EXPERT to 57575

 For disposal of e-waste generated at end of life of your Blue Star product, you may kindly call @ 1800 209 1177  
(for BSNL/MTNL subscribers) or sms "e-waste" to 57575. Kindly prefix your city STD code.