

# INOVAIR®

## AirClean Series Air Purifiers



[airclean.com.au](http://airclean.com.au)

# Why choose InovaAir® ?

We all know that clean air is a valuable commodity in the modern world. It promotes health and well-being and adds to our quality of life. InovaAir® is committed to improving indoor air quality by building the world's best air purifiers.

All InovaAir® products are Australian made, manufactured at our facility on the Central Coast of New South Wales. They are individually tested to exacting standards and represent the highest level of efficiency and quality available.

We use only commercial-grade filters and materials, so you won't find commonly-used plastic, cardboard, or polystyrene foam in our filters; our filter materials are entirely safe for you and the environment. At the heart of all our air purifiers, we utilise state-of-the-art, energy-efficient German fans for whisper-quiet operation.

We sincerely believe we offer the highest quality products in their class and are confident that our systems will exceed all of your expectations.

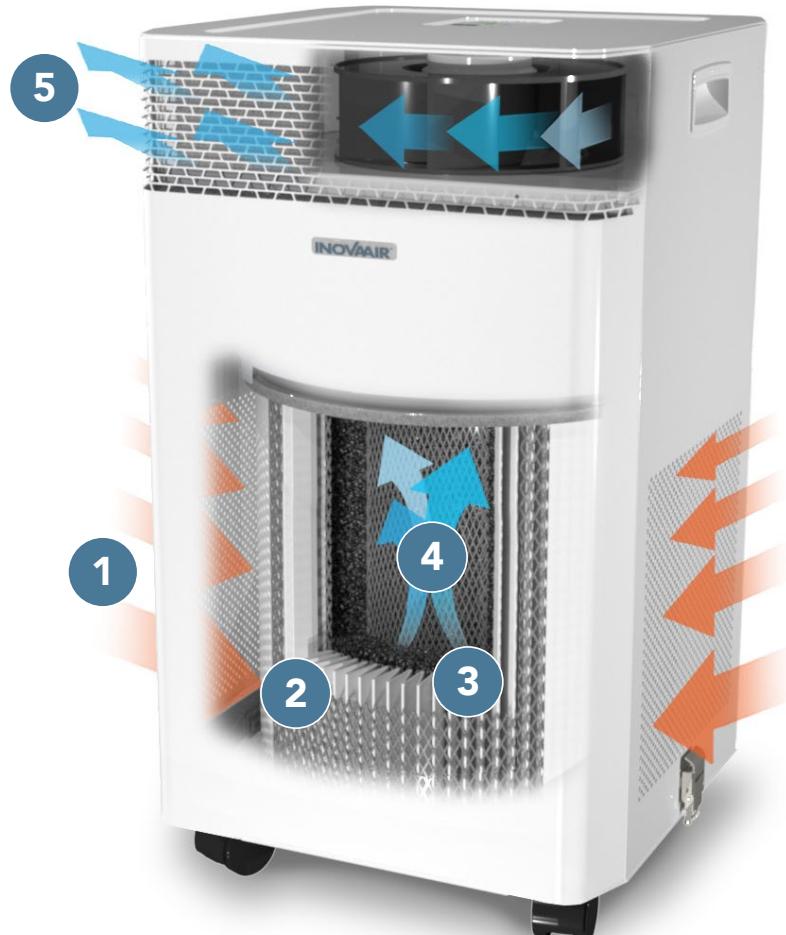


# The InovaAir® difference

Traditional air purifiers	InovaAir® Purifiers	The benefit to you
HEPA Filters with less than 99.97% efficiency. Advertised as HEPA filters but are not H13 medical grade	Certified & guaranteed medical-grade efficiency 99.97% @ 0.3 Microns	Cleaner Air. More dust and allergens removed from the air & better results for allergy and asthma sufferers
No seals on filters	Sure Seal™ airtight seals on all filters	Zero leakage, all air passes through the filters, not around, guaranteed HEPA efficiency
No pre-filters	Large efficient pre-filters	Extends life of HEPA & activated carbon filters resulting in lower operating costs
Plastic construction prone to noise and vibration	Quiet all steel construction	Designed for quiet operation while sleeping
Not suitable for 24 hour operation	Quality German engineered motors designed for energy efficient 24 hour operation, without over heating	Allows you the benefit of continuous clean air
High energy consumption and expensive running costs	EC fan technology achieves low energy consumption relative to airflow and filtration efficiency.	Save on running costs and minimise environmental impact
Do not filter enough air to be effective	High capacity fan filtering more air each hour	Provides cleaner air in large and small areas
Small activated carbon filters using only grams of carbon (inadequate chemical removal)	Use of kilograms of activated carbon. More than any other residential air purifier	The highest removal of chemical pollutants and longer filter life
Costly frequent replacement of filters.	Largest filters of any residential air purifier with a 5 Year lifespan on main filters	Highest efficiency and long-term cost savings
No spare parts or filters available or stocked by importers in years to come	Proudly Australian made. All filters & spare parts are stocked locally	Filters and support readily available
Small filters - frequent replacement	Largest filters of any residential air purifier	Highest efficiency and longer filter life, lower operating costs
Filters made from cardboard, plastic or polystyrene foam	All steel filter casings	No air leaks, chemical free material
Difficult to change filters	Stainless steel case latches for quick filter access	Easy, hassle free filter changes
Plastic, throw-away air purifier design (not serviceable)	Steel construction designed to last a life time (fully serviceable)	A lasting investment, lower long-term cost, environmentally friendly
Short motor life (forward-curved fans)	EC fans engineered for 50,000 plus hours of continual operation.	The most energy efficient, German engineered, long-life fans which maintain high airflow as filters become clogged. Other fan types struggle to move air and are prone to burn-out.

# How our systems work

1. Air is drawn into the system through the sides of the unit.
2. Air passes through the fine dust Technostat® pre-filter.
3. Air passes through H13 HEPA filter removing sub-micron particles, aerosols, bacteria & viruses.
4. Chemicals and odours are removed from the air in the final stage activated carbon filter.
5. The purified air is then returned to the room via the high air-flow diffuser.



# Our filters



## Stage 1: Technostat® Pre-filter

The Technostat® pre-filter is made from a patented material used in respirators and face masks. It is the initial stage that the air is passed through and is designed to filter large dust particles right down to ultra fine sub-micron particles.

## Stage 2: Medical-grade HEPA filter

Manufactured using H13 medical-grade HEPA filtration, normally only found in commercial environments such as hospitals and cleanrooms.

Certified 99.97% minimum efficiency at 0.3 microns (tested down to 0.003 microns @ 100% efficiency)

Our residential models offer a filter surface area ranging from 3.8m<sup>2</sup> on the E7 and E8 to an incredible 6.4m<sup>2</sup> on the E20 and DE20 models, each exceeding HEPA filtration standards.

## Stage 3: Activated Carbon filter

The Activated Carbon Filter adsorbs chemicals, gases and odours from the air. (E20 6kg filter shown)

## 100% Airtight Seals

Ensuring that no unfiltered air can pass through the system.

# Features



	<b>E7</b>	<b>E8</b>	<b>E20 Plus Carbon</b>	<b>DE20 Plus Carbon</b>
<b>Pre-Filtration</b>	Technostat® electrostatically charged high efficiency Pre-filter.	Technostat® electrostatically charged high efficiency Pre-filter.	Technostat® electrostatically charged high efficiency Pre-filter.	Technostat® electrostatically charged high efficiency Pre-filter.
<b>HEPA Filter surface area</b>	3.8m <sup>2</sup> H13 Medical-grade.	3.8m <sup>2</sup> H13 Medical-grade.	6.4m <sup>2</sup> H13 Medical-grade.	6.4m <sup>2</sup> H13 Medical-grade.
<b>Activated Carbon</b>	6mm carbon impregnated inner blanket.	2.4kg coconut shell activated carbon.	6kg coconut shell activated carbon.	6kg coconut shell activated carbon.
<b>Coverage Area</b>	20m <sup>2</sup>	25m <sup>2</sup>	100m <sup>2</sup>	100m <sup>2</sup>
<b>Air Delivery</b>	Up to 250m <sup>3</sup> / hour.	Up to 300m <sup>3</sup> / hour.	Up to 510m <sup>3</sup> / hour.	Up to 510m <sup>3</sup> / hour.
<b>Fan Speed Control</b>	3-speed selectable.	4-speed selectable.	Infinitely speed selectable with potentiometer control.	20-speed selectable with digital-variable control.
<b>Particles captured down to</b>	0.003 microns.	0.003 microns.	0.003 microns.	0.003 microns.
<b>Recommended usage</b>	Single room dust and particle capture. Entry level air purifier.	Single room particle and Volatile Organic Compounds (VOC) capture.	Large area particle and Volatile Organic Compounds (VOC) capture.	Large area particle and Volatile Organic Compounds (VOC) capture. Real-time filter change monitoring.
<b>Price</b>	\$730 inc GST.	\$875 inc GST.	\$1,730 inc GST.	\$1,930 inc GST.

# Filtration



	E7	E8	E20 Plus Carbon	DE20 Plus Carbon
Dust & Allergens	✓	✓	✓	✓
Bacteria & Viruses	✓	✓	✓	✓
Light Odours & Chemicals	✓	✓	✓	✓
Dust Mites	✓	✓	✓	✓
Pet Dander	✓	✓	✓	✓
Pollen	✓	✓	✓	✓
Mould Spores	✓	✓	✓	✓
Mould VOC's		✓	✓	✓
Smoke		✓	✓	✓
Strong Chemicals		✓	✓	✓
Road Pollution		✓	✓	✓
Heavy Chemical Pollution		✓	✓	✓
Outgassing Furniture		✓	✓	✓
New Building Materials		✓	✓	✓

# Specifications



	<b>E7</b>	<b>E8</b>	<b>E20 Plus Carbon</b>	<b>DE20 Plus Carbon</b>
<b>Construction</b>	Australian made, Powder-coated 1mm, 5052 Grade Aluminium	Australian made, Powder-coated 1mm, 5052 Grade Aluminium	Australian made, Powder-coated 1mm, 5052 Grade Aluminium	Australian made, Powder-coated 1mm, 5052 Grade Aluminium
<b>Dimensions</b> (width x depth x height)	320mm x 320mm x 520mm.	320mm x 320mm x 520mm.	390mm x 390mm x 650mm.	390mm x 390mm x 650mm.
<b>Weight</b>	9.5 kg	12.0 kg	19.5 kg	19.5 kg
<b>Power consumption range</b> (depending on selected fan speed)	10-33 Watts	10-58 Watts	6-84 Watts	6-84 Watts
<b>Portability</b>	Easily moved from room to room on pre-installed wheels.	Easily moved from room to room on pre-installed wheels.	Easily moved from room to room on pre-installed wheels.	Easily moved from room to room on pre-installed wheels.
<b>Motor Type</b>	AC Centrifugal Fan (European), designed for continuous 24 hour operation (ball bearing maintenance free)	AC Centrifugal Fan (European), designed for continuous 24 hour operation (ball bearing maintenance free)	EC Centrifugal Fan (European), designed for continuous 24 hour operation (ball bearing maintenance free) uses 70% less power than typical AC fans.	EC Centrifugal Fan (European), designed for continuous 24 hour operation (ball bearing maintenance free) uses 70% less power than typical AC fans.
<b>Power supply</b>	230 V, 50Hz	230 V, 50Hz	230 V, 50Hz	230 V, 50Hz
<b>Colours available</b>	White	White	White	White
<b>Warranty</b>	5 years (parts and labour) 10 years on system housing.	5 years (parts and labour) 10 years on system housing.	5 years (parts and labour) 10 years on system housing.	5 years (parts and labour) 10 years on system housing.

# Filter life



	E7	E8	E20 Plus Carbon	DE20 Plus Carbon
<b>Stage One Pre-Filter</b>	Up to 6 months continuous use*			
<b>Stage Two H13 HEPA Filter</b>	3 - 5 years continuous use*			
<b>Stage Three Activated Carbon Filter</b>	6 - 12 months continuous use*	1 - 3 years continuous use*	1 - 3 years continuous use*	1 - 3 years continuous use*

\* Filter life will vary depending on dust & chemical concentrations present.

As operating conditions vary based on levels of dust, chemicals & odours present, and system proximity to major pollution sources, InovaAir™ does not warranty consumable filter life.

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**INOVAAIR®**

For more information or to order  
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