

# INOVAIR® E20 Indoor Air Purifier

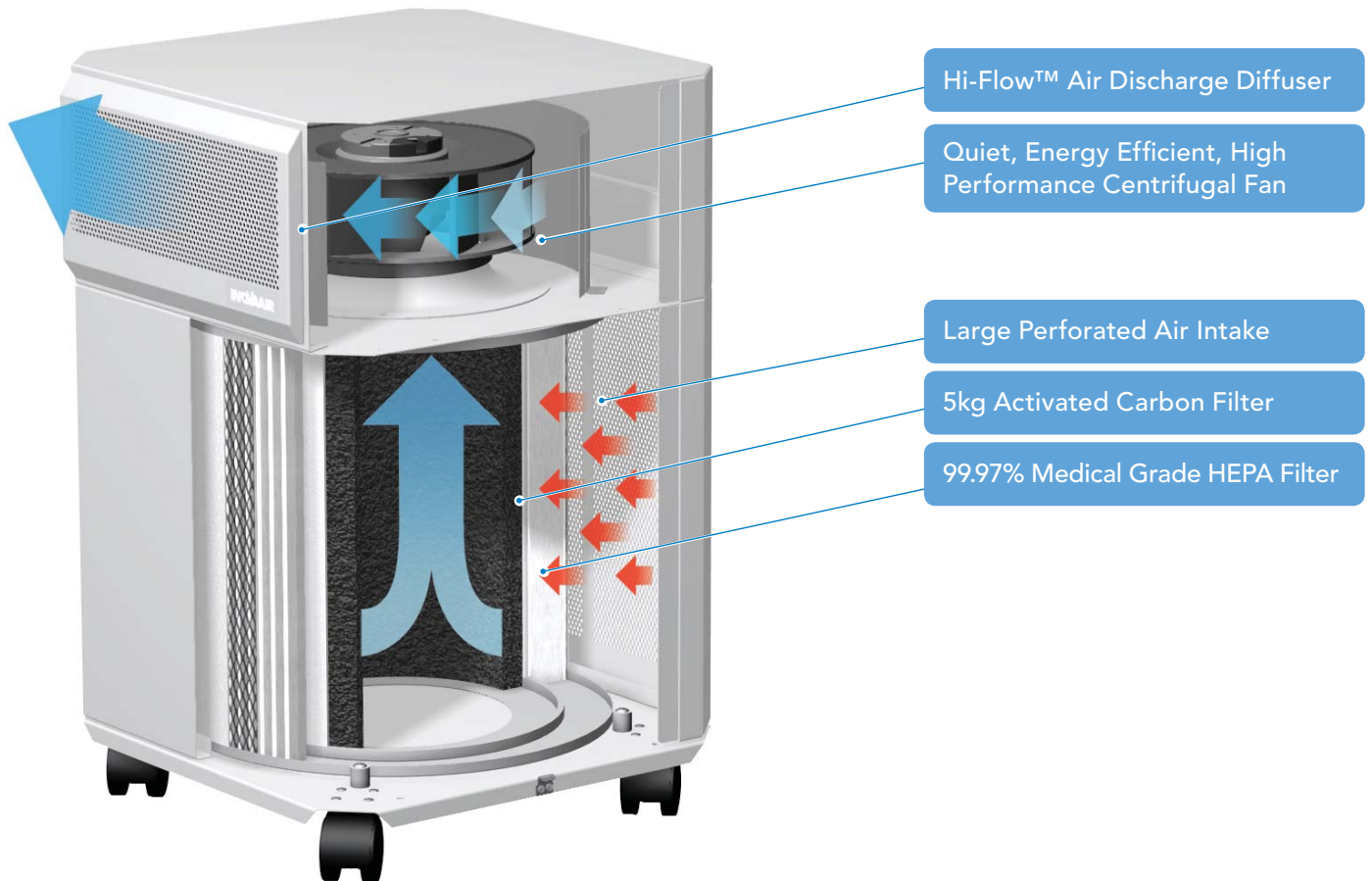
Australia's leading home air purifier for serious dust, chemical and allergen removal. Engineered for performance: Manufactured in Australia to rigorous medical-grade specifications and suitable for both home and office, the InovaAir® E20 is designed for those suffering from serious allergies, chemical sensitivities and indoor air-quality related concerns.



## Key Features

- **Actual 99.97% (Medical Grade) efficiency @ 0.3 microns.** While the majority of HEPA filters in home air purifiers on the market claim 99.97% efficiency - few achieve this because filters fail to seal properly and are not built to Medical Grade HEPA standards. Filters constructed from cardboard, plastic or polystyrene foam most commonly allow air to bypass around the filter because they do not have the structural integrity to create an airtight seal with a gasket. In keeping with Medical Grade standards, InovaAir only uses steel in the filter housing construction.
- **High-Flow™ air diffuser** on the front of the air purifier creates a unique filtered airflow pattern throughout the entire area, preventing air being re-filtered before supplying the room. It also allows the user to direct air to a particular area in a home or office.
- **For replacement, filters are easily accessed** by simply unlatching stainless steel latches and removing the top of the system.





Hi-Flow™ Air Discharge Diffuser

Quiet, Energy Efficient, High Performance Centrifugal Fan

Large Perforated Air Intake

5kg Activated Carbon Filter

99.97% Medical Grade HEPA Filter

### InovaAir® E20 Specifications\*

- **PARTICLE, DUST & ALLERGEN FILTRATION.**
  - Large initial stage wrap-around pre-filter over 1 metre in length (can be washed or vacuumed)
  - 360° intake cylindrical Medical Grade HEPA filter: actual 99.97% efficiency @ 0.3 microns. Efficient to 0.1 microns. Surface area 5.5m<sup>2</sup> with service life of approx. 3 years.
  - Filter housings constructed from steel and free from cardboard, plastic or polystyrene foam.
- **CHEMICAL, ODOUR AND GAS FILTRATION.** 7 kilogram activated carbon filter for the most effective removal of volatile organic compounds (VOCs). The large quantity of activated carbon results in high efficiency removal of VOCs, smoke, odours and chemical pollutants. Service life of filter is up to 3 years.
- **QUIET OPERATION.** High quality centrifugal fan motor designed for quiet continuous 24 hour operation and energy efficiency.
- **FILTER ACCESS.** Stainless steel latches on either side of the air purifier simply unlatch to allow quick and easy filter changes.
- **POWER SUPPLY.** 240V, 50Hz, 2.5 metre power cord.
- **ENERGY CONSUMPTION.** Speed 1: 28 Watts; Speed 2: 45 Watts; Speed 3: 85 Watts.
- **AIR DELIVERY.** Speed 1: 80m<sup>3</sup> per hour, Speed 2: 150m<sup>3</sup>/h, Speed 3: 500m<sup>3</sup>/h.
- **COVERAGE AREA.** Filters areas up to 100m<sup>2</sup>.
- **CONSTRUCTION.** Precision fabricated from Australian zinc coated steel.
- **FINISH.** Durable and non-toxic attractive light grey semi-gloss powder coat.
- **WARRANTY.** Full 3 years parts and labour (excluding consumables). Note: some manufacturers of air purifiers void the warranty if a customer does not replace filters at specified intervals (regardless of use). InovaAir's warranty is not dependent on filter changes.
- **AIR DISCHARGE/INTAKE.** The unique Hi-Flow™ air diffuser on the front of the E20 creates an airflow pattern dispersing filtered air throughout the entire room not just around the air purifier where it can be re-filtered before it is of benefit. The air intake at the rear of the E20 draws polluted air from close to ground level and well away from where filtered air is discharged.
- **PORTABLE.** Castors allow for portability around the home. For ease of transportation the filter can be removed in seconds.
- **WEIGHT.** 25.5 kg (fully assembled) 15.5 kg (without filters)
- **DIMENSIONS.** 427mm (d) x 411 (w) x 600mm (h).

# Why Breathe Clean Air?

When you consider the average person breathes 11,000 litres of air a day or 7-8 litres every minute, you soon realise how important the quality of the air you breathe is and that it can affect your health. 50% of toxic pollutants humans are exposed to are airborne. You would not drink water contaminated with pollutants so why compromise with the quality of the air you breathe.

## The Facts

- People living in large cities are exposed to inescapable toxic airborne chemical pollutants and lung damaging fine sub-micron particles from motor vehicle and diesel exhaust fumes on a daily basis.
- Children and those who suffer from allergies, asthma or a respiratory condition are more at risk of developing health complications from breathing polluted air
- Many new homes contain toxic chemicals which off-gas from building materials for years.

## What do InovaAir air purifiers remove from the air?

- Dust Mites
- Mould spores
- Pet Allergens
- Smoke
- Odours
- Bacteria, Viruses
- Chemical Pollutants (Volatile Organic Compounds)
- Pollens from grasses, weeds, flowers and trees



## How can an air purifier help clean the air in my home?

Using an air purifier is one of the most effective ways to reduce exposure to airborne dust, allergens and air pollution. Regardless of what is in the air outside, an InovaAir air purifier will allow you take control of the air you breathe and create a healthy indoor environment: supplying pure, clean air. The reduction in irritating airborne dust, allergens and chemical pollutants using an InovaAir air purifier is dramatic: a reduction of hundreds of thousands of particles per litre of air can be achieved

## What size air purifier do I need?

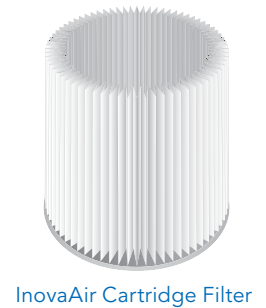
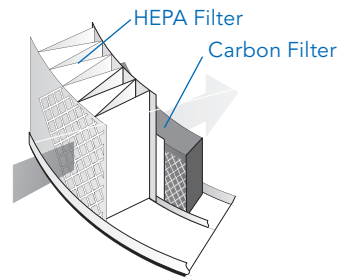
In selecting an air purifier one should consider the size of the room where they need to filter the air and the level of contaminants. For example, if you live near a busy road or in a particularly dusty or polluted area you may want to consider a higher capacity system even if it is only covering a smaller area. Also, the larger the air purifier the longer the filters will last.

InovaAir air purifiers are portable allowing them to be used anywhere in the home.

The AllergyClear is primarily designed for allergy sufferers for use in small areas such as bedrooms and small closed areas.

The AirClean air purifier is a high capacity system designed to cover large open living areas and bedrooms. This system is often chosen by people wanting to filter the air wherever they may be in the home or office. With some the largest filters of any portable HEPA air purifier available.

Both the AllergyClear and AirClean are designed for very quiet operation for use in the bedroom at night.



InovaAir Cartridge Filter

## The most advanced filter technology to protect your health.

### Advanced Filter Technology

High-Efficiency Particulate Arrestance filters known as HEPA filters are so fine they can filter bacteria and viruses from the air and remove 99.97% of particles @ 0.3 microns in size. With 1 micron measuring just 0.001mm and the smallest particle visible to the naked eye being 40 microns, 0.3 microns is many times smaller than dust mites, mould spores, pet allergens, pollen and fine particulate air pollution.

InovaAir only uses medical-grade HEPA filters with a certified efficiency of 99.97% @ 0.3 microns. Many air purifiers on the market claim to have HEPA filters but efficiency can vary greatly between manufacturers depending on how the filters are constructed and filter size. Cardboard, plastic or foam are less than ideal materials for making a filter with an airtight seal. InovaAir makes its filters from steel casings with 100% airtight seals to ensure no air bypasses around the filter.

### HEPA Filters: Size Matters

With size being critical to the efficiency and life of a HEPA filter, InovaAir uses cylindrical shaped filters which allows for the most HEPA filter paper over typical panel type filters which are only a fraction of the size.

