

# INOVA<sup>®</sup>

Serious Air Purifiers. Seriously Clean Air.



## INOVA-E8 USER MANUAL

This document includes important tips to prolong the life of your filters and get the most out of your new air purifier.

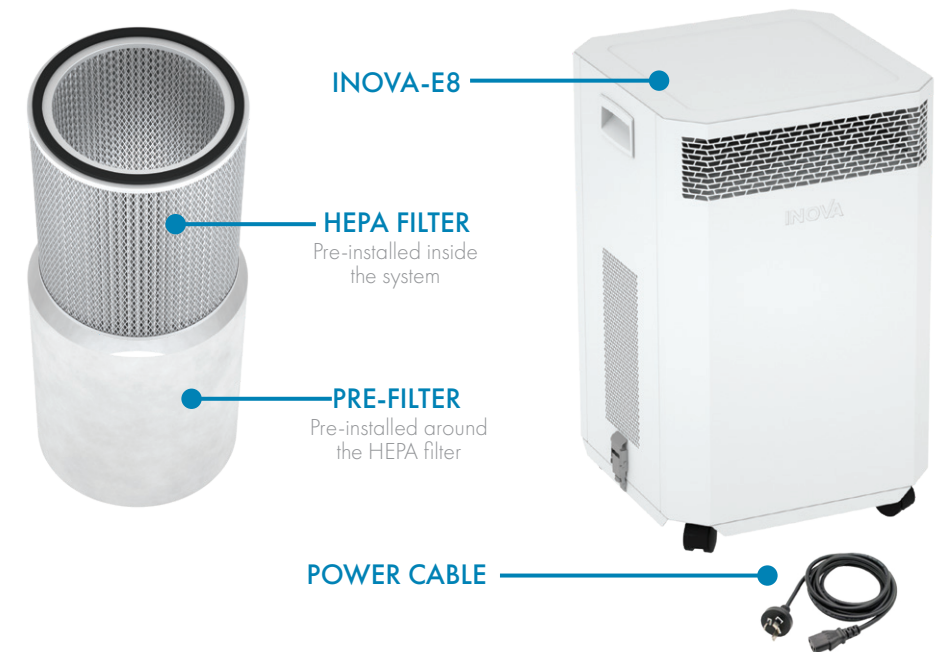
# Contents

Introducing your INOVA-E8 system	2
Important safety instructions	3
How the INOVA-E8 works	5
Positioning the INOVA-E8 system	7
System operation	8
Accessing the filters	9
When to replace the filters	11
Replacing filters	12
Ordering new filters	15
System warranty	16
	17

# Introducing your INOVA-E8 system.

## Standard system and filters

The INOVA-E8 system box will contain the air purifier with the HEPA filter and pre-filter pre-installed inside as well as a power cable and this instruction manual.



## 2.4kg Activated Carbon Filter



The 2.4kg activated carbon filter, this is supplied in a separate box and will need to be installed into the INOVA-E8 system before use.

The activated carbon filter simply slots into the centre of the preinstalled HEPA filter.

For more information, please see page 14.



# Important safety instructions

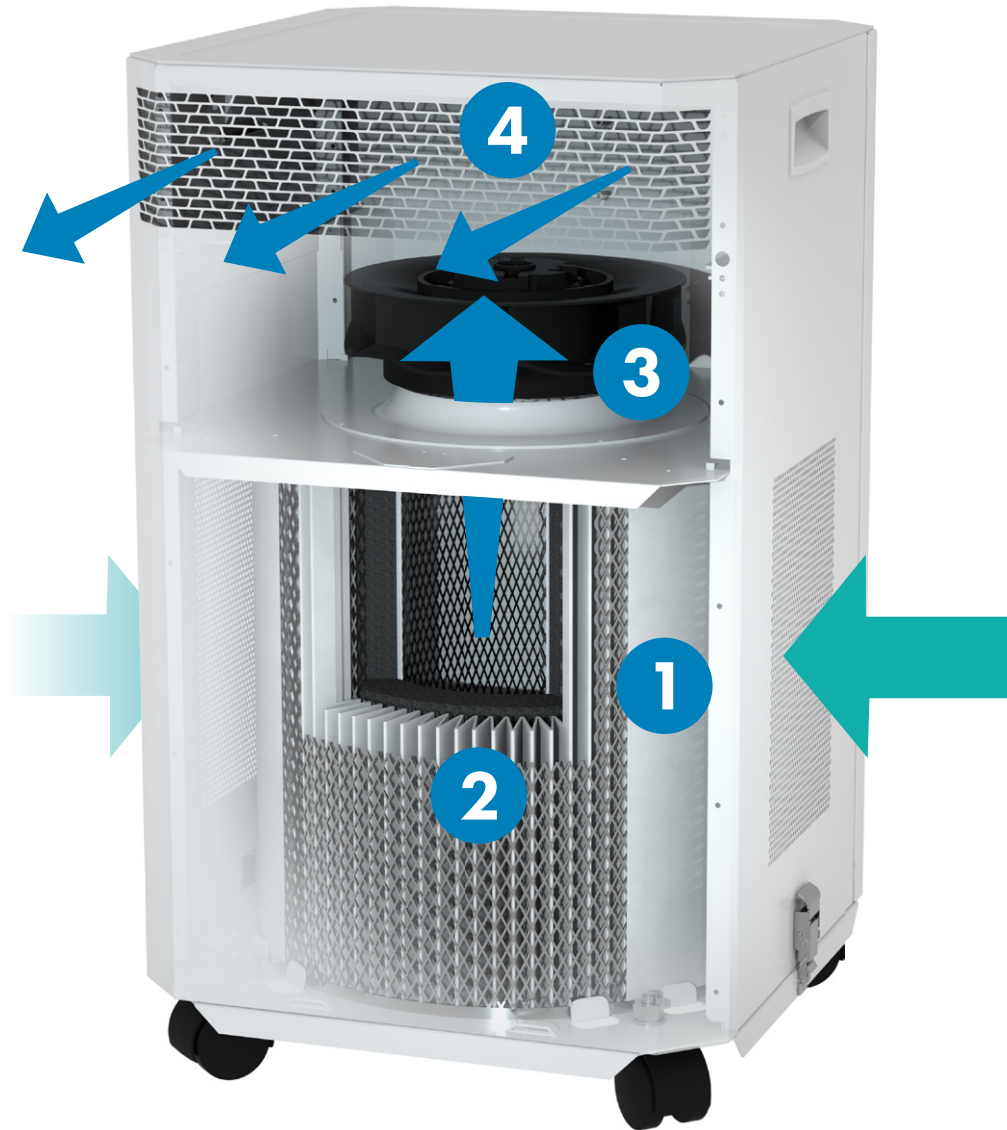
Please read these instructions before operating the INOVA-E8 and keep for future reference.

## To reduce the risk of fire, electric shock, or injury

1. Do not detach baseplate or attempt to access filters until the system has been switched off.
2. Disconnect power, or unplug, before cleaning, performing any maintenance or replacing a filter.
3. Use caution when moving the air purifier to avoid injury. We suggest removing the filters prior to lifting or transporting the system.
4. Do not operate unless all components are fully assembled, securely latched and in the upright position. Failure to do so may result in serious injury.
5. Leave a distance of at least 150 mm between the appliance and the nearest wall to allow for adequate air circulation.
6. Always keep air intake and outlet of the unit unobstructed.
7. Do not use near water or moisture or the immediate surroundings of a bath, shower, or swimming pool.
8. Do not immerse the air purifier in water or any other liquid.
9. Do not let objects, or liquid, enter the product.
10. Do not handle any part of the appliance or plug with wet hands.
11. Clean only with a dry cloth.
12. Do not install near any heat sources.
13. Do not operate this appliance if it has a damaged cord or plug, is not working correctly, or has been dropped.
14. Do not use this appliance if it has been damaged or submerged in water.
15. The appliance is not to be used by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

16. If the supply cord is damaged, it must be replaced with a new cord. Contact our support team for a replacement.
17. Keep power cord away from heated surfaces.
18. Refer all servicing to qualified INOVA service personal. Servicing is required when the product has been damaged in any way. Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards and may void warranty.
19. Unplug the air purifier during lightning storms or when unused for long periods.
20. Do not use this appliance as sole protection against harmful pollutants.
21. Do not use outdoors.
22. Keep the appliance away from flammable liquids, vapours, air fresheners and essential oils.
23. Do not use in explosive or flammable environments.
24. Use only on solid, horizontal, and stable surfaces.





- 1** Air is drawn into the system through the perforated side vents.
- 2** Air then passes through the dust pre-filter and into the H13 medical-grade HEPA filter which removes allergens, viruses, bacteria and other sub-micron fine particle matter. Chemicals and odours are also removed from the air by the final stage activated carbon filter.
- 3** The high-efficiency centrifugal fan pulls the filtered air up into the top of the system.
- 4** The purified air is then returned to the room via the high air-flow diffuser.

## Positioning your INOVA-E8 system

There are two main points to consider: where you spend your time and where the main pollutants are.

The longer you keep your INOVA-E8 in a single room, the cleaner the air in that room will be. As with a heater or air conditioner, the INOVA purifier will only be effective if windows are closed during operation.

Your INOVA-E8 works best when it has plenty of unrestricted airflow around it.

It is also important to make sure the air purifier has easy access to a power outlet as long cords can be a tripping hazard and may result in damage to the unit should it be knocked over.



## System operation

The system has 4 speed settings and uses an energy efficient European AC fan. Power consumption is relative to the selected speed.

1	2	3	4	Control position
Low	Med	High	Max	Speed level

The higher the speed, the more times per hour the air in your living space will be cleaned, so it is recommended to run the system at the highest speed you are comfortable with.

Higher fan speeds will generate higher sound levels.

Generally for sleeping, an ideal setting is position 1.

4-SPEED CONTROLLER

POWER CORD SOCKET



Please note, there can be a delay of up to 20 seconds before the fan is running at the speed you have selected.

# Tips for getting the most out of your system

## Always operate the system with windows closed

Air purifiers are not designed to filter the great outdoors, like an air conditioner or heater, leaving a window open will render the system ineffective. Use of evaporative coolers will also reduce effectiveness.

## Operate the system 24/7

As dust, allergens, and chemicals are always present in the air, for maximum effectiveness you should operate the system continuously. By switching the system off you are only allowing these contaminants to build up in the interim until it is switched back on. INOVA systems are designed for optimal energy efficiency – so don't be concerned about power consumption as this will barely be noticeable on an electricity bill.

## Decide where you need clean air the most

Typically for allergy and asthma sufferers, use while sleeping will be an important part of how you use your air purifier. If you have a high capacity system with adequate coverage, it can be moved between living areas during the day and the bedroom at night. Operation for 15-30mins on high speed will dramatically reduce the bulk of airborne particulates when moving into a new room.

## Enclose the area where you are operating the system

If you close a bedroom door the system will be much more effective as it will only be filtering air in the one room. If you move to larger areas, if possible, close off surrounding areas to maintain clean air in that space. INOVA-E8 models are designed primarily for bedroom use, while the higher capacity INOVA-E20 and DE20 systems are designed to cover large living areas and be moved to bedrooms for night-time use.

## Operate at the highest speed you are comfortable with

All INOVA systems include variable speed controls and the speed should be varied depending on the room size, the level of air pollutants present, and the sensitivity of the individual. The higher the operating speed the more effective the system will be, as the purifier will be filtering the air more times every hour resulting in lower levels of particles and certain chemicals. When operating smaller systems in larger areas, increase the operating speed to enable the system to filter the air more effectively.

## Check your pre-filters regularly for dust build-up

We recommend that you check your pre-filter after every three months of operation to visually inspect the level of dust buildup. Pre-filters typically last between 3 to 6 months based on average dust levels in a home environment. If the levels of dust in your home are high due to external factors such as living near a main road, you may need to change your filters more regularly. Change of filter colour alone from white to grey does not indicate the filter needs changing, rather a 1-2 mm dust layer does. Do not vacuum or wash pre-filters, they are made from very high efficiency material which is not designed for vacuuming or washing. These actions will damage the pre-filter and reduce the life of the HEPA filter by allowing dirt to pass through.

## Know when to change your main filters

The HEPA filter will require replacement when the outside, the side immediately visible underneath the pre-filter, changes colour from white to dark grey – this typically takes some years to occur as long as you have maintained and changed your pre-filter on a regular basis. Activated carbon filters, when saturated with chemicals or odours, will leave the air tainted with an odour. If the air coming out of your purifier develops any sort of noticeable odour, the carbon filter may require replacement.

Do not attempt to vacuum or wash the HEPA or Pre-filter as this will damage the fine filter fibers and reduce efficiency. Air intake vents on the sides of the system can be vacuumed including the base plate which sits under the filters.

## When changing pre-filters

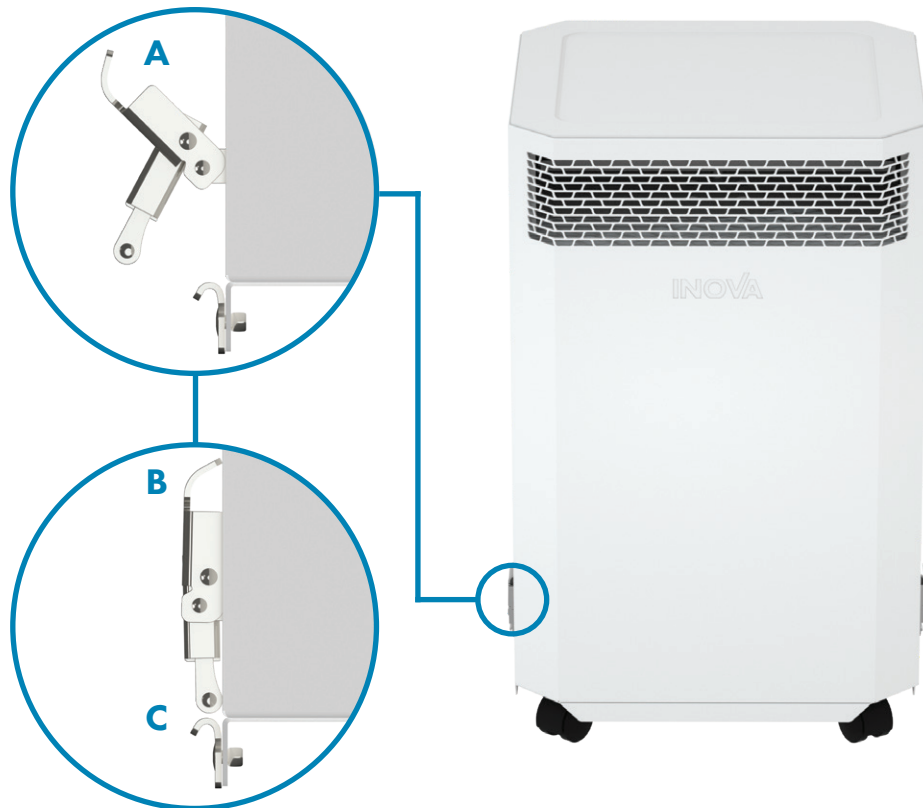
It is best to remove the HEPA filter with the pre-filter intact and take outside so no dust is released in your environment when changing. If not practical to do so you can simply place a large garbage bag over the entire HEPA filter/pre-filter and remove the pre-filter inside the bag.

## Activated Carbon Filter

While they are highly efficient at removing chemicals and odours, if you have high levels of any chemicals or odours they will absorb these from the air quickly and the filter life will be reduced. If you want to prolong the life of the activated carbon filter, you should turn the system off while cooking or if there are any heavy transient odours.

## Accessing the filters

1. Disconnect the power cord.
2. Ensure system is sitting on a flat and even surface.
3. Pull top of the latches (A) away from the main unit.
4. Push the latches back towards the main unit (B)
5. Ensure the latch clasps are clear of catches on the base (C).
6. Lift casing clear of base to access filters.



## When to replace the filters

FILTER NAME	APPROXIMATE REPLACEMENT INTERVAL*
Pre-Filter (wrap-around)	3-6 months
H13 HEPA Filter	3-5 years
2.4 kg Activated Carbon Filter	Maximum 3 years

\*Based on 60% daily usage in environments with average particulate/chemical levels. Operating conditions will vary based on levels of dust, chemicals & odours present, and system proximity to major pollution sources each of which may lower any of the filter lifespans. INOVA does not warranty consumable filter life.

### 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.

Dust levels in the ambient air will affect how long the pre-filter will last. Pre-filters are white in colour and will turn grey fairly quickly within 1-2 weeks of use, this is nothing to be concerned about and simply means the filter is doing its job.

We recommend checking the dust buildup on the pre-filter every 3 months of use.

When the dust layer is approximately 2 mm thick the pre-filter should be replaced. Prefilters will typically last 3-6 months before needing to be replaced.

## Stage 2: H13 Medical-Grade HEPA Filter



HEPA filters known as High-Efficiency Particulate Arrestance filters were originally developed to filter fine radioactive particles. A HEPA filter will filter with a minimum efficiency 99.95% of particles at 0.3 microns and 95% of particles at 0.1 microns. With 1 micron measuring just 1/10,000 of a centimetre 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 and pollens.

HEPA filters are widely used in medical applications including: cleanrooms, pharmaceutical manufacturing and any environment where clean or sterile conditions are required.

The HEPA filter is designed to last 3 to 5 years under normal use. As with other filters, the environment in which it is used will determine the filter life.

The outside of the HEPA filter will change colour and turn dark grey when it needs changing.

Generally for the first two years of use the filter will remain white and then gradually get darker in the final months of its life. Please note, the inside of the HEPA filter will always remain white so it is important to check the outside of the filter which is visible when the pre-filter is being changed.

### Actively Removes

- Aerosols
- Allergens
- Bacteria
- Dust
- Dust Mites
- Mould Spores
- Pet Dander
- Pollens
- Sub-Micron Particles
- Viruses

## Stage 3: Activated Carbon Filter



Activated carbon traps gas molecules and any other chemicals that pass through it. Activated carbon has an immense surface area that allows an incredible amount of molecules to be adhered to the carbon. This means an air purifier with a larger activated carbon filter will be more efficient and will last longer before needing replacement.

Based on weight, INOVA includes more activated carbon in our filters than any other air purifier in Australia.

The activated carbon filter adsorbs chemicals, gases and odours from the air and, depending on the environment, will last up to 3 years.

Carbon filters should be changed when they are saturated, this means the filter has entirely filled up with what it has filtered from the air during use. You can tell when a carbon filter needs changing because the air coming out of the system will either be tainted with an odour of what it has adsorbed during use, or the air will simply stop smelling clean or smell stale.

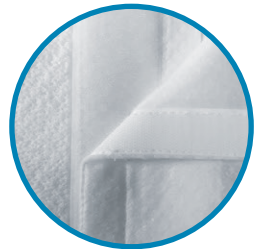
### Actively Removes

- Chemical Pollutants
- Odours
- Volatile Organic Compounds (VOC's)
- Smoke
- Road pollution

*More information on which chemicals and volatile organic compounds can be removed by the activated carbon filter can be found on the INOVA website.*



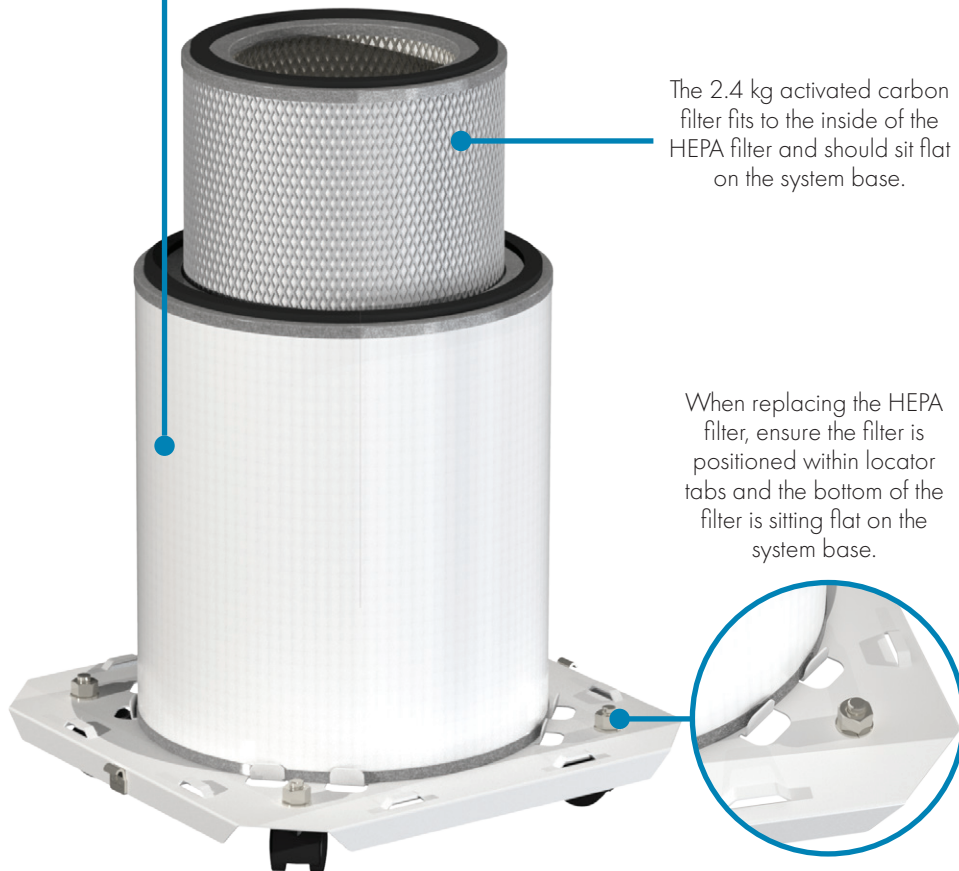
## Replacing Filters



The pre-filter is wrapped around the HEPA filter & fastened with Velcro.

Gently unwrap from the filter & replace with a new pre-filter.

Ensure pre-filter is installed so the 'fluffy' velcro strip is facing outwards and is firmly fitted around the HEPA filter to avoid air bypassing the pre-filter.



The 2.4 kg activated carbon filter fits to the inside of the HEPA filter and should sit flat on the system base.

When replacing the HEPA filter, ensure the filter is positioned within locator tabs and the bottom of the filter is sitting flat on the system base.

## Ordering replacement filters

FILTER NAME	APPROXIMATE REPLACEMENT INTERVAL*
Pre-Filter (wrap-around)	3-6 months
H13 HEPA Filter	3-5 years
2.4 kg Activated Carbon Filter	1-3 years (maximum)

\*Based on 60% daily usage in environments with average particulate/chemical levels. Operating conditions will vary based on levels of dust, chemicals & odours present, and system proximity to major pollution sources each of which may lower any of the filter lifespans. INOVA does not warranty consumable filter life.

Replacement filters can be ordered from the INOVA website using the URL or QR code below.

[www.inovaairpurifiers.com.au/replacement-filters](http://www.inovaairpurifiers.com.au/replacement-filters)



# INOVA System Warranty

## Definitions

In this warranty: "ACL" refers to the Australian Consumer Law. "Back to Base" means where delivery to and collection of your product from the Service Agent is your responsibility. "Consumable" includes (without limitation) filters and pre-filters. "INOVA Air Purifiers" means InovaAir Australia Pty Ltd ACN 103 549 435. "Factory Second" means a Product sold by InovaAir Australia or any other authorised person as a 'second' meaning a product with a small imperfection that does not impede functioning. "Genuine" means manufactured by or on behalf of InovaAir Australia. "Product" means a Genuine Product supplied new by InovaAir Australia. "Purchase Date" means the date of first purchase from InovaAir Australia or any other authorised person seller or distributor. "Any other authorised person" means a dealer, reseller or retailer of the Product. "Service Agent" means an authorized InovaAir Australia service agent. "You" means the End User and "your" has a corresponding meaning.

## Introduction

Subject to these conditions, InovaAir Australia Pty Ltd offers this Warranty on a Product to which it's Back to Base service applies.

1. This Warranty applies in addition to the conditions and warranties implied by the Act in relation to a Product.
2. Any other authorized person who has sold a Product to you has acted as principal and has no authority to give any additional warranty or guarantee in relation to the Product on behalf of InovaAir Australia.
3. InovaAir Australia will not be liable for any consequential loss, indirect or special damage arising from your use of the Product. In particular (but without limitation) InovaAir Australia excludes any liability for actual or expected revenue loss or other loss. NB. This exclusion is subject to any relevant Commonwealth or state law, which is intended to override such exclusions.
4. In no event shall InovaAir Australia, its agents, employees, or distributors be liable for special, incidental, consequential, or indirect damages.
5. The provisions of this warranty supersede and are in lieu of any other warranty, whether express or implied, written or oral, including any warranty

of merchantability or fitness for a particular purpose. NB. This exclusion is subject to any relevant Commonwealth or state law, which is intended to override such exclusions.

6. Maximum liability shall not exceed the actual purchase price paid for this product.
7. This warranty is non-transferable.
8. Should any of the conditions of the warranty be deemed unenforceable then same shall be severable from the balance of warranty conditions, which shall remain legally binding.

## 5 Year limited warranty

InovaAir Australia warrants that your Product will be free from defects in materials or workmanship for five (5) year/s from your Purchase Date. One (1) year in commercial applications).

At its discretion, InovaAir Australia will repair or replace your Product, if it is found be defective. InovaAir Australia will, if it deems the unit defective, either repair or replace the unit at its sole option (and, based on availability, may elect to replace the unit with an air purifier of similar function or value).

To make a Warranty claim, you must:

- First call InovaAir Australia's Contact Centre on 1 300 137 244;
- Return the Product (if warranty service is required) in its original packaging (or suitable alternative) to a Service Agent, as discussed with the Contact Centre; and
- Provide a copy of your purchase receipt, to show that this Warranty applies to your Product at the date of your claim.

You are responsible for the cost of and risk in delivery of your Product to and its collection from the Service Agent.

# INOVA System Warranty

## Warranty application

This Warranty applies only:

- a. To a Product that is supplied new to You by InovaAir® Australia or by any other authorized person;
- b. If you use the Product for your own private or business purposes; and
- c. You have not bought the Product for resale.

## Warranty exclusions

This Warranty will not apply if during the warranty period:

- a. A Product's serial number or any rating label is removed or changed in any way; This warranty shall immediately become void if the unit's serial number label is removed, altered, or is no longer clearly legible;
- b. A Product is repaired other than by a Service Agent;
- c. You use a Product contrary to any technical or operating environment or safety guidelines recommended in its user guide or manual;
- d. No fault found service calls where the perceived problem is explained within the Operating Manual or the trouble shooting section of the operating manual.
- e. This Warranty does not cover costs associated with delivery, handling, freighting or damage to product in transit.
- f. This Warranty does not apply to a Product's malfunction or failure resulting from:
  - i. Deliberate or accidental damage;
  - ii. Rust or damage to paintwork, varnishes or seals caused by a corrosive atmosphere;
  - iii. Vermin infestation;
  - iv. Any modification by the purchaser which affects the reliability or performance of the unit, not attributable to faulty manufacture, parts and labour;
  - v. Where a unit is installed incorrectly by the purchaser or its servants agents employees or by unqualified persons;
  - vi. Failure is due to improper installation or faulty installation;

- vii. Failure is due to improper maintenance by customer (refer to maintenance section of Operating Instructions);
  - viii. Misuse, abuse or neglect;
  - ix. Incorrect voltage or a power surge; or
  - x. Your use of any non-genuine Consumables parts accessories or interfacing;
  - xi. Failure to remove or replace out of date or non-functioning filter.
- g. This warranty covers only manufacturing defects, and not normal wear and tear, including filters which are considered consumables.
  - h. InovaAir® does not warrant the Product as a health safety device. The product is not a Medical Device or Therapeutic Device as defined by the Therapeutic Goods Act 1989.
  - i. All exclusions as determined by InovaAir® Australia at its sole discretion.
  - j. Filter life: InovaAir® does not warrant the useful life of filter consumables. The filter consumables working life will depend entirely on the environments in which it is used. In dusty environments filter life will be reduced. The Products and their filters are not intended to be used for dust extraction in industrial or commercial applications.

## Non-genuine items

InovaAir® Australia advises that if you use non-genuine consumables, replacement parts or accessories, you may damage your product and may void your warranty.

## Australian Consumer Law

In addition to your rights under the InovaAir® guarantee, we also provide the following statement as required by the Australian Consumer Law: In Australia, your InovaAir® appliance comes with statutory guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have your InovaAir® appliance repaired or replaced if it fails to be of acceptable quality and the failure does not amount to a major failure.

# About INOVA Air Purifiers

INOVA Purifiers is an Australian-owned company that for more than 20 years has engineered and manufactured air purifiers for home, commercial and industrial use. INOVA air purifiers are built in a modern factory on the pristine NSW Central Coast, one hour north of Sydney.

INOVA has an uncompromising approach to building the world's best air purifiers, with airtight seals that are guaranteed 100% leak-free. The company is committed to using Australian-made components wherever possible. If components must be sourced from overseas, they are always the very best available.

Over the years INOVA has developed an enviable reputation for the quality and performance of its unique range of air purifiers. INOVA air purifiers are built to operate for decades, to be easy to service, to have filters that are easy to replace, to work quietly, effectively and efficiently and to dramatically improve the lives of those who use them.

INOVA air purifiers contain no harmful chemicals and are essential for people with allergies and asthma, and for anyone who wants to remove harmful pollutants from the air they breathe.

INOVA has a strong commitment to research and development, and continuous improvement is the hallmark of its products. INOVA's scientifically proven air cleaning technologies really work, and performance can be certified with a laser particle counter.

The company's success is based on customer satisfaction. INOVA's philosophy is to make products that exceed customer expectations, offering high-efficiency air purification solutions that are perfectly tailored to the needs of customers.

Peace of mind is included with every INOVA air purifier at no extra cost.

# Record your filter replacement history

## Pre-filter (Replace every 3-6 months)

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

## HEPA Filter (Replace every 3-5 years)

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

## Activated Carbon Filter (Replace every 1-3 years)

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

Replaced \_\_/\_\_/20\_\_

# INOVA<sup>®</sup>

Serious Air Purifiers. Seriously Clean Air.

## INOVA-E8 USER MANUAL



INOVA Purifiers  
Building B, 10 Corella Close  
Berkeley Vale, NSW 2261, Australia

1300 137 244  
[airclean.com.au](http://airclean.com.au)