

FREQUENTLY ASKED QUESTIONS

What is the key function of a Cabin Filter?

Cabin Filters operate as the first line of defence to reduce risk of exposure to airborne pollutants, allergens, bacteria and viruses.

What does high Cabin Filter efficiency mean?

A high particle separation rate combined with the decrease in pressure being as low as possible – over the complete Cabin-Filter service life. The decrease in pressure is the difference in air pressure before and after the filtration.

How efficient is my Cabin Filter?

The Ultra-fine microfibers with electrostatic charge remove fine particles and air pollutants as small as 2.5 microns including soot and pollens. To give a point of comparison, a strand of human hair is 50-70 microns in diameter which means the Cabin Filter filters out air pollutants that are naked to the eye.

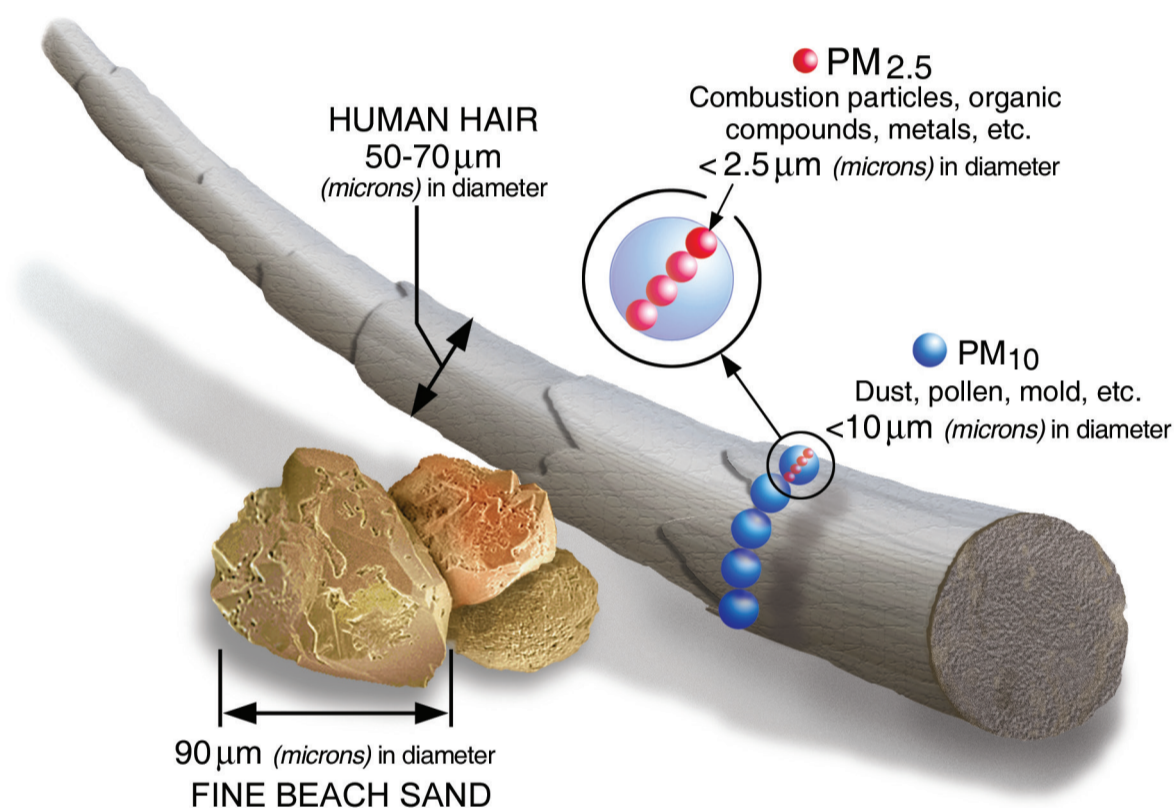


Image source: <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>

What is the Premium Cabin Filter “Aeristo Premium” made from?

- Layer No1: Special layer with Anti-Allergen, Anti-Virus, Anti-Bacteria, and Anti-Fungal functions
- Layer No2: Activated-Carbon layer
- Layer No3: Ultra-Fine Microfiber layer
- Refer to Cabin Filter packaging for layer specifications of the Bosch Activated Carbon & Standard Particle Cabin Filters

How often should you change your Cabin Filter? (Km's or Time)

It is recommended for a Cabin Filter to be replaced every 10,000 - 15,000km or once a year, but this depends on driving conditions e.g., more frequently replaced when exposed to harsh off-road conditions (Refer Packaging Recommendation).

How many Types of Cabin Filters are available in the Bosch range today?

There are three types of cabin filter available in the Bosch range:

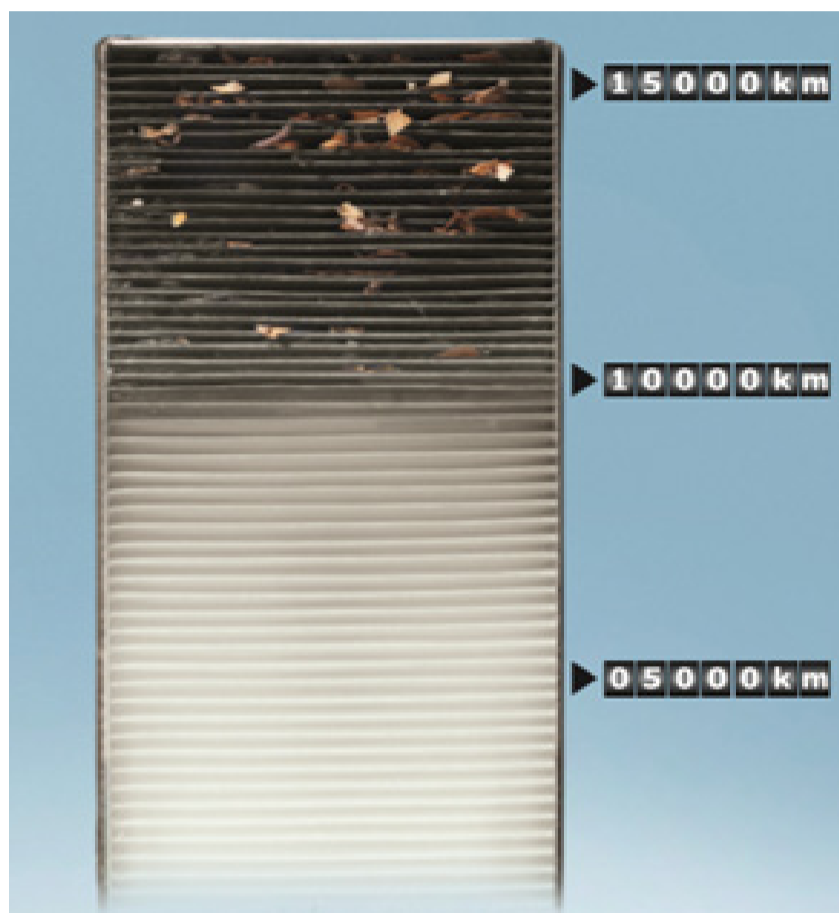
1. Standard Particle type – this is commonly known as the basic Cabin Filter (Early Model Vehicles 2006 on)
2. Activated Carbon type – a Cabin Filter with an added activated carbon layer to neutralize harmful gases and unpleasant smells
3. Multifunctional type (Aeristo Premium) – Activated carbon Cabin Filters that have one or more enhanced “anti”- features: anti-allergens, anti-bacteria, anti-fungal, and anti-virus

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How long does a Cabin Filter typically last? (Service Life?)

Cabin Filter service life is affected by both the environment & road conditions e.g., high polluted environments or unsealed gravel / dirty roads will potentially impact the service life of the Cabin Filter and thus requires regular inspection and or replacement.

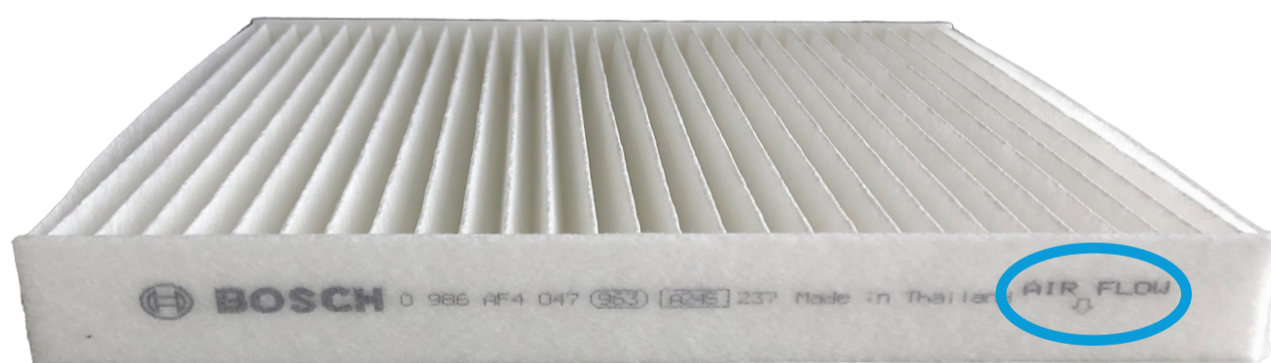
See example below which shows how a Cabin Filter can be clogged overtime at different kilometre milestones.



Can you incorrectly install a Cabin Filter? i.e., Upside down?

Yes, a Cabin Filter can be installed incorrectly i.e., underside down or installed in the incorrect air flow direction.

E.g., the Bosch Cabin Filter is marked with the correct air flow direction, please refer to the side of the product during installation.



Does fitting a Bosch Cabin Filter void my OE warranty?

No, the Bosch Cabin Filter range meets OE filtration specifications & does NOT void the OE warranty.

If my Cabin Filter looks dirty do I need to replace it or wait to the next service?

Cabin Filters filter air coming in from the outside environment into the cabin as well as recirculated air within the car. If the cabin filter is clogged, the air you breathe is improperly filtered and you're breathing in more pollutants than perceived.

What happens if the Cabin Filter does not fit the vehicle?

Check application data vs. vehicle details, please forward details to Bosch Sales contact or Bosch Customer Service (1300 30 70 40).

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Are Cabin Filters able to be cleaned?

No, the non-woven filtration media is formed with numerous fibers and need to keep a “loose” structure to allow fine particles to be adsorbed onto the fiber surface by electrostatic charges and to hold the dusts into the space among fibres. Vacuum clean or compressed air cannot remove the particles and dust deeply held inside the media, and might damage the structure.

Activated carbon used in cabin filter cannot be washed, otherwise the tiny pores and channels inside the activated carbon might be occupied with water molecules, there will be no space to hold the harmful gas molecules. And the non-woven filtration media outside of the activated carbon layer would receive structure damage and electrostatic charge disappearance.

Can I Recycle a Cabin Filter ?

No, the old Cabin Filter should be disposed as general waste. The raw material of the non-woven filtration media is usually Polypropylene (PP), but since the old filter is contaminated dust & pollen etc, it is best to dispose in general waste.

Are Bosch OE for Cabin Filters?

Bosch sources its filters from OE manufacturers and sets its own specifications that meets or exceeds the OE standards.

Why is the decrease in pressure such an important criterion for vehicle manufacturers?

For excellent functionality of all of the components of the air conditioning system, the decrease in pressure caused by the Cabin Filter – even by a clogged one – must not exceed a vehicle specific limit. Otherwise, overburdened fan motors could cause the failure of the whole air conditioning system.