Every molecule of our newly developed Catechin Pre-Filter is infused with Catechin to provide superior air purification. This pre-filter not only absorbs tobacco smoke and other odour-causing pollutants, it also traps and inactivates microscopic viruses and bacteria. Catechin – a natural antivirus and antibacterial agent derived from tea leaves – renders the viruses and bacteria harmless, hindering the spread of contagious diseases. Enjoy clean, healthy air, and the peace of mind that comes with it.

Catechin is a natural element found in green tea, that has both antiviral and antioxidant properties, as well as excellent deodorizing characteristics. Since ancient times, Catechin has been used medically to fight viruses, bacteria and other pathogens. Mitsubishi Electric uses a special process to infuse this element into the pre-filter, giving our air conditioners superior air-purifying performance and improving your home with better indoor air quality.

Catechin filters are easy to remove and when washed regularly, deodorizing effectiveness can last up to 10 years or longer.
Anti-Allergy Blue Enzyme Filter, A Breath of Fresh Air

The anti-allergen filter catches dust, pollen, dead mites, and other allergens commonly found in room air, and decomposes them with artificial enzyme. The artificial enzyme catalyst helps to break down the allergen proteins and transforms them into non-allergen proteins, creating a cleaner, healthier air supply.

How the Anti-Allergy Enzyme Filter Works:

1. Artificial enzyme catalysts on the filament catch allergens.
2. The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
3. Once the S-S bonds are severed, the proteins no longer act as allergens.

Improve Indoor Air Quality–Double Air Cleaning Filter

The air cleaning filter can trap dust and other small particles such as pollen, molds and mites which can cause allergic reactions. The filter removes particles as small as 0.01 microns (a thousand times smaller than the diameter of a normal human hair). At the same time, dust collection efficiency is doubled with the Double Air Cleaning Filter.

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