

Air Filters



Reduce the spread of harmful aerosols by purifying and freshening indoor air

An air filter can effectively **capture and eliminate viruses found in aerosols**

The filters can be used on ventilation fans and air conditioners to **clean indoor air** and **reduce the spread of airborne droplets**



Enhance protection with anti-microbial coating

A*STAR's Singapore Institute of Manufacturing Technology (SIMTech) has developed an **anti-microbial and water repellent coating** for air filters through partnerships with local companies



- Filters **99% of bacteria**
- Filters **97.7% of viruses**
- Repels **water**

Did you know?

A **water-repellent** filter **hinders bacterial growth** and **increases longevity** of the filter



Tried and tested

Studies by A*STAR's Institute of Materials Research and Engineering (IMRE) showed that when used indoors in an office environment, anti-microbial coated air filters **reduce aerosols from the air to help reduce infection risk**

