

Cutting-edge product

Movable self-standing type

HEPA Filter Fan Unit

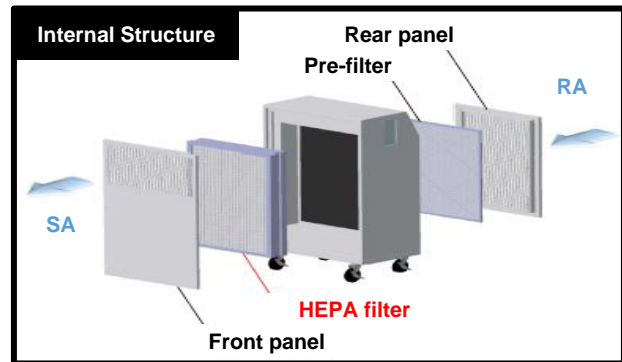


The HEPA filter used in clean rooms and operating rooms removes fine particles from the air. The ideal product for health and safety!

✓ Particle collection rate: 99.97% @ 0.3 μm

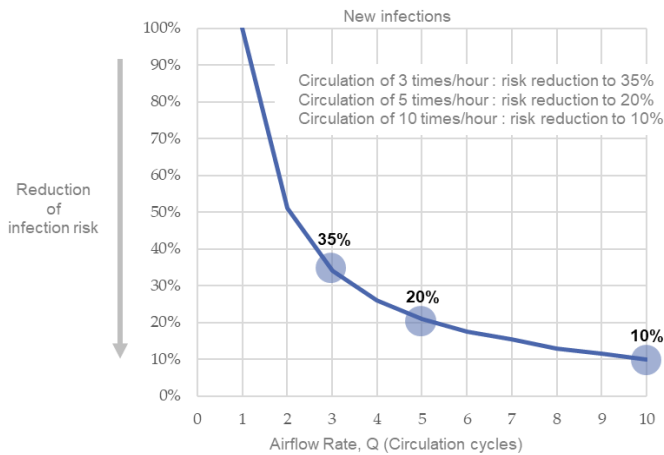
✓ Fan type: 17 CMM

✓ Operation sound: 49.5dB



Relationship between air circulation cycles and infection risk

The higher the ventilation rate, the lower the probability of infection



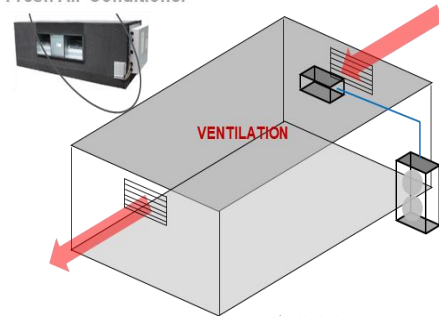
Transmission – Wells – Riley Equation

$$C = S [1 - \exp(-Iqpt / Q)]$$

C = new infections
 S = number of susceptibles
 I = number of infectors
 q = number of infectious doses
 p = pulmonary ventilation rate per susceptible
 t = exposure time
 Q = flow rate of uncontaminated air

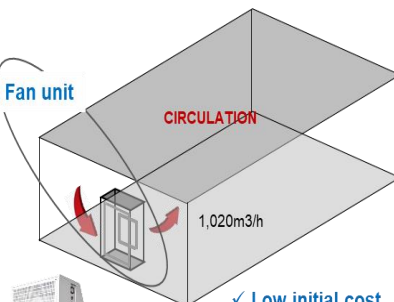
System Comparison

All Fresh Air Conditioner



- △ High initial cost
- △ High running cost
- △ Necessary installation work

HEPA Fan unit



- ✓ Low initial cost
- ✓ Low running cost
- ✓ Movable, self-standing



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