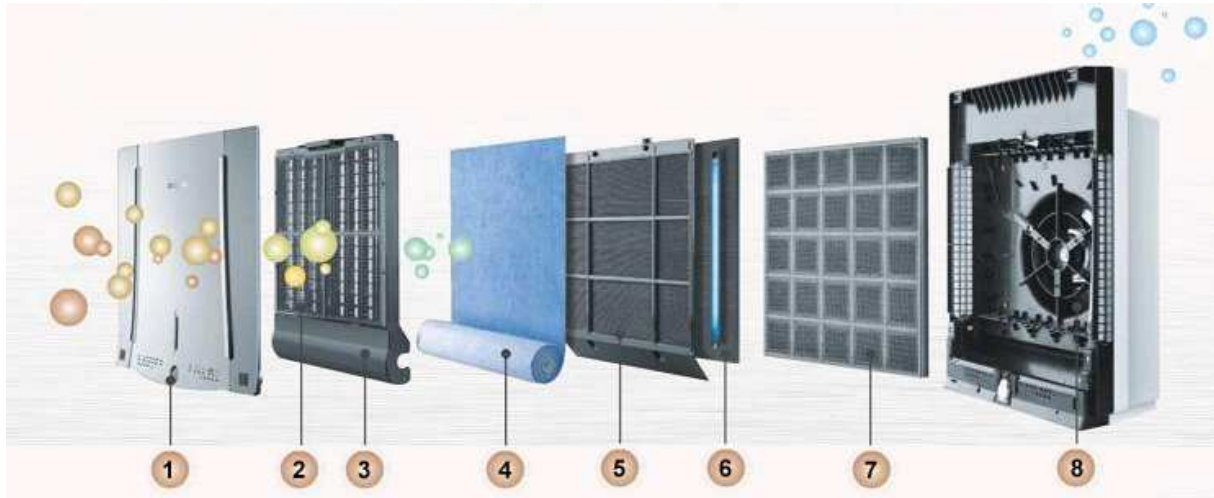


Process advanced air purification

Air Station **KJF-450BYB**



8 purification steps :

1 Detection and indication of the pollution rate.

2 Pre Filter: Retains the macro particles, like dust, the animals hairs and large pollutants of the air higher than 1 micron.

3 Plasma generator : Reduces mold spores, pollen, dust mites, germs, viruses and bacteria. Absorbs odors.

4 Sterilizer filter cotton roll : Trap and destroys dust, the bacteria, the microbes, etc...

5 Two PHOTOCATALYST filters TiO₂ (small and large): These filters consist of titanium dioxide that reacts with UV rays to produce hydroxyl radicals(OH) that will eliminate bacteria, viruses, germs, fungi and odors.

6 2 UV lamps (lifetime : 5000 hours) : UV germicidal product that reduces the density and intensity of odors, fungi, bacteria. The process can purify the air up to 99%.

7 Medical filter HEPA : Holds up 99.97% of airborne microparticles (as small as 0.3 microns), as fine dust, pollen, bacteria, fungi, viruses, germs, etc ...

8 Negative ionization : Last step of purification by electrostatic precipitation. Regeneration and enrichment of air in negative ions.