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TO WHOMSOEVER IT MAY CONCERN

“When to change your HEPA Filter in your Air Purifier”

Each season come with it's own challenges! While winters are worst, summer & monsoon are equally bad. For holistic effectiveness all year round, Sharp Air Purifiers uses an “active” Plasmacluster mechanism combines with “passive” HEPA filtration to eliminate contaminants from indoor air.

While the Plasmacluster Technology has been globally verified, Sharp HEPA Filters meet top global performance standards. All **Sharp Air Purifiers sold in India are equipped with H14 Class (in EN1822 type) True HEPA (High Efficiency Particle Arrestor) filters, based on the JEM1467 standard of The Japan Electrical Manufacturers' Association. HEPA filters built to this standard remove 99.97% of dust and other particles of size 0.3um** each time air passes through them.

HEPA filter media is made up of fine glass fiber produced in such a way that 99.97% of all particles 0.3 microns and larger are trapped on and within the fiber as air passes through it. Some particles less than 0.3 microns (dust mites, chemical fumes etc) may also get trapped into the HEPA.

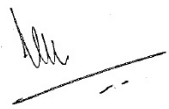
Hence it is recommended that the HEPA may be exposed into the bright sunlight for 3 to 4 hours a day once in 45 days. HEPA Filters should never be washed and check the direction of HEPA before reinstallation.

This brings us to the next question, **“When do we change the HEPA filter?”**

Sharp uses a pre-filter prior to the HEPA filter to stop the larger particles and keep the HEPA filter from clogging prematurely. You may vacuum or wash the pre-filter every 15 to 20 days depending on the dust conditions. Over a period of time fungal growth may happen on the HEPA filter media and within 20 to 24 months may penetrate into the clean side of the filter media. You should change the HEPA filter if you feel that even after cleaning/ exposure to sunlight, the air outflow has dropped by 50% compared to the initial days of your new Air Purifier usage. This generally in most cases will be between 18 to 20 months.

Some air purifier manufacturers advertise a 5 or 10 years life of their filter. It is true the filter will keep filtering for 5+ years but what is released back into your house from an old filter may not be what you expect.

For Sharp Business Systems (India) Private Limited



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