

Specifications for Blueair 500/600 Series Dual Protection Filters

Pure Coconut Carbon Filter:	Removes gaseous pollutants, such as tobacco smoke, carbon monoxide, ethylene oxide, ozone, and VOCs (volatile organic compounds), including from household paints and other chemicals
HEPASilent™ technology:	Certified efficiency 99.97% for particles down to 0.1 microns, such as dust, pollen, bacteria, virus, pet dander, mold spores and other airborne particles
Dimensions: (mm)	330L x 229W x 70D
Weight:	2.5kgs
Filter type:	Non-woven gradient PP and PE blend fibers and activated carbon granules.
Pleats:	198*
Effective filter area:	4.2* m ²
Basis weight:	100 g/m ²
Media thickness:	0.60 mm
Carbon:	Activated carbon, impregnated with a 70/30 blend of Potassium Hydroxide and Potassium Iodide
Carbon weight:	1,830 g
Minimum surface area:	950 m ² /g
Pleat separators:	Non hazardous, EVA based, VOC free, UV resistant
Recommended filter change:	6 months (4,380 hours) when used 24 hours per day

* Weight, pleats and effective filter area are projected on a complete set of three filters.

** Due to the 100% synthetic structure, the media is resistant to moisture so that it won't promote any microbial growth.