

Air and Surfaces Disinfection, Air Quality and Deodorization

Type	Size of the particles removed	Remove bacteria	Remove viruses	Remove allergens	Remove molds and yeasts	Remove VOCs	Remove cigarette smoke	Remove odours	Maintenance	Operation area	Technology type	Cost	Harmful (Toxic)	Efficiency
HEPA Filters	0,3 microns	Some	No	Yes	Yes	No	No	No	Yes	Mid	Passive (1)	High	No	Low
Carbon Filters	N/A	Some	No	Some	Some	Yes	Yes	Yes	Yes	Small	Passive (1)	High	No	Low
UV Lamp	N/A	Yes	Yes	Yes	Yes	No	No	No	Some	Small	Active (2)	Low	Yes	Low
Ion Generator	0,1 microns	Yes	Yes	Yes	No	Yes	Yes	No	Some	Small	Active (2)	Low	No	Low
Ozone Generator	N/A	Some	Some	No	Some	Some	Yes	Yes	Some	Media	Active (2)	Low	Yes	Low
Photocatalysis	0,1 microns	Yes	Yes	Yes	Some	Yes	Yes	Yes	Yes	Small	Passive (1)	High	Yes	Mid
OH Wellisair Technology	<0,1 microns	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Some	Large	Active (2)	Mid	No	High

(1) Passive: Actuates only in the air that pass through the unit

(2) Active: The actuation area expands through ambient air (ions, ozone, OH), or the reach of the ultraviolet light (UV)