



Aertek Triclone has been developed with a high priority on safety and hygiene by incorporating its antimicrobial coating and HEPA filters as standard.

The filters are hospital-grade, H13, high-efficiency HEPA air filters, stopping 99.97% of particles and bacteria in the air from passing through the hand dryer.

**This ensures the air you are drying your hands with is hygienically clean
– in fact it is cleaner than the air you are breathing!**

What are HEPA filters?

HEPA stands for High Efficiency Particle Arresting. It is a type of large capacity filter that can trap a very high amount of micro particles, such as pollen, bacteria, animal dander, dust mites and even tobacco smoke. Whereas the majority of HEPA filters in air purifiers are H12, the efficacy of the filter in the Triclone Hand Dryer is much higher, using the hospital-grade H13. Using HEPA filters on the air intake of the hand dryer makes sure that the air coming out is 99.97% clean.

The main function of HEPA filters are in air purifiers which are used to clean the environment of harmful agents that can cause allergies or respiratory problems. These have achieved new heights of proliferation since the COVID-19 pandemic where they are used widely to remove airborne bacteria and, importantly, viruses, including COVID-19 Corona Virus.

99.97% efficiency against airborne pollutant particles



HEPA H13

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REPLACE EVERY 90 DAYS

TEST	UNITS	MIN	STD	MAX	NOTES
Basis Weight	g/m ²	68	72	76	TAPPI T410
	ilbs/3000 ft ²	41.8	44.2	46.6	
Thickness	mm	0.32		0.36	TAPPI T411
	inches *	0.013		0.014	
Tensile MD	N/m	900	1150		TAPPI T404
	gr/inch	2300	2940		
Stiffness MD	mg	900	1100		TAPPI T543
LOI	%			8	30' @ 520°C
Pressure Drop	Pa		280	310	@5.33 cm/s
DOP Penetration	%		0.01	0.03	@0.3μ 5.33 cm/s
Efficiency	%	99.97	99.99		@0.3μ 5.33 cm/s
Efficiency MPPS @ 3.2 cm/s	%	99.95			EN 1822
Water Repellency	Inch W.G.	16			Mil. Std 282 (Q-101)
	mm H ₂ O	400			
	Kpa *	3.92			

