



# Filtco HEPA/ULPA Filter

## Independent Performance Specifications<sup>1</sup>

HEPA and ULPA filters are designed to contain microorganisms and airborne particulates. Each filter is rated for overall efficiency using industry standard test IEST-RP-CC001.6<sup>2</sup>.

### Test Conditions

- Test Type: IEST-RP-CC001.6<sup>3</sup>
- Test Aerosol: Latex beads, neutralized
- Airflow: 225 cfm

Test Date	10/19/2022	10/19/2022	8/17/2023	05/13/2025	06/16/2025
<b>Filter ID</b>	HEPA	ULPA	HEPA	ULPA	HEPA
<b>LMS Report #</b>	8061	8061	8617	9932	10139
<b>Flow Rate</b>	225 cfm	225 cfm	225 cfm	225 cfm	225 cfm
<b>Temp.   Humidity</b>	72°F   21% RH	72°F   21% RH	72°F   21% RH	70°F   40% RH	70°F   40% RH
<b>ΔP H<sub>2</sub>O</b>	1.220	1.433	1.228	2.74	0.839
<b>Manufacturer</b>	Hollingsworth & Vose	Sifa Technology	Hollingsworth & Vose	Hollingsworth & Vose	Sifa Technology
<b>Material</b>	HB7633	N9120 No PFAS Added	HB7633 Reformulated No PFAS Added	HA9633HS Reformulated No PFAS Added**	N8110 No PFAS Added
<b>Extruded Finger Guard</b>	Both Sides	Both Sides	Both Sides	Both Sides	Both Sides
<b>Filter Frame</b>	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
<b>Filter Medium</b>	Pleated HEPA	Pleated ULPA	Pleated HEPA	Pleated ULPA	Pleated HEPA

Particulate Size Range	Fractional Efficiency %				
<b>0.1 - 0.2</b>	99.996	99.9995	99.998	99.997	99.998
<b>0.2 - 0.3</b>	99.997	100.000	99.999	99.998	99.999
<b>0.3 - 0.5</b>	99.999	100.000	100.000	100.000	100.000
<b>0.5 - 0.7</b>	100.000	100.000	100.000	100.000	100.000
<b>0.7 - 1.0</b>	100.000	100.000	100.000	100.000	100.000
<b>1.0 - 2.0</b>	100.000	100.000	100.000	100.000	100.000
<b>2.0 - 3.0</b>	100.000	100.000	100.000	100.000	100.000
<b>3.0 - 5.0</b>	100.000	100.000	100.000	100.000	100.000

<sup>1</sup>Test results may vary depending on conditions. The data represents the typical performance characteristics of the standard media used in our filters.

<sup>2</sup>For testing purposes, a small test filter was submitted with only 1.25" pleating which accounted for increased ΔP H<sub>2</sub>O

$$F_{eff} = \frac{C_{up} - C_{down}}{C_{up}} \times 100\%$$

1. Testing Facility: LMS Technologies, Inc. 6423 Ceilia Circle, Bloomington, MN 55439
2. <https://www.iest.org/Standards-RPs/Recommended-Practices/IEST-RP-CC001>
3. Formula  $F_{eff}$  = Fractional Efficiency;  $C_{up}$  = Particle Concentration, Upstream of Filter;  $C_{down}$  = Particle Concentration Downstream of Filter

Fractional Efficiency versus Particle Diameter

