

Custom Manufactured ULPA Air Filter Specifications:

Product Description	ULPA Air Filter for Medical Appliance		
Filtration Efficiency Capabilities	MERV Rating	ASHRAE 52.2-2007	BS EN779:2002
	11	60 – 65%	F6 – 60-80%
	12	70 – 75%	F6 – 60-80%
	13	80 – 90%	F7 – 80-90%
	14	90 – 95%	F8 – 90-95%
	15	>95%	F9 – >95%
	BS EN1822:2009	IEST RP-CC001.5 – (0.3 µm)	
E10 (formerly H10) E11 (formerly H11) E12 (formerly H12) H13 H14	85% 95% 99.5% 99.95% 99.995%		
EN1822-5:2009	IEST RP-CC001.5 – (0.12 µm)		
U15 U16 U17	99.9995% 99.99995% 99.999995%		
	<i>Custom designed filters to meet any filtration efficiency</i>		
Filter Frame Sizes	Custom frame sizes available at additional tooling charge Custom frame sizes available in any size or shape.		
Frame Materials	Plastic – high impact ABS, PVC, PS and custom molded or extruded profiles as required. Metal – extruded aluminum, 22g and 24g galvanized metal, roll formed in any gauge as required. Wood – plywood and special MDF		
Minimum Order Quantity (MOQ)	Custom Design – 100 pcs (plus any applicable tooling)		

Delivery Time	Production: 3- 4 weeks Tooling: 10 to 12 weeks	
Delivery Location	FOB: Manufacturing & Warehouse Locations Brantford, Ontario Canada Buffalo, New York, USA Rancho Dominguez, California, USA Port of Shanghai, China	
Quality Management System	ISO 9001:2015	
Laboratory Testing Capabilities	U shaped Duct Testing to ASHRAE 52.2 and EN779 standards.LMS2000 the most accurate test system for HEPA and ULPA Filters.Horizontal Duct Testing to ASHRAE 52.1 and old EN779 Standards for Dust Spot Efficiency, Arrestance and Holding Capacity.Maximum Panel Filter size for test lab = 72" x 24" x 24" deep. Maximum Radial Filter size for test lab = 48" diameter x 24" deep.	
Product Design & Graphic Software Capabilities	Solidworks 3D Design AutoCAD 2D Adobe Illustrator	
Other Applications for Panel Filters	Aerospace Manufacturing Air Atomization Air Purifier Equipment & Appliances Appliances, Industrial, Commercial & Domestic Automotive Manufacturing Biological Equipment Containment Systems Dental Equipment Disaster Recovery Ventilation Equipment Electric Utilities Food Processing Government Buildings HazMat Equipment Health Care Facilities	Hospital Equipment Infection Isolation Rooms, Surgical Suites Institutional Facilities Labs Medical Appliances & Equipment Microelectronics, Semiconductor Pharmaceutical Equipment & Production Pharmaceutical Equipment & Production Protective Environment Rooms, Airborne Research Facilities Sensitive Processes University Laboratories Vacuum Cleaners – Industrial