SINCE 1884 danforth

Categories of HEPA and ULPA Filters Based on IEST-RP-CC001.4

FILTER TYPE	DESCRIPTION	APPLICATIONS
A	99.97% Efficient on 0.3 micron particles at rated flow when tested per MIL-STD-282	Commecial, industrial, general HVAC applications. If filters cannot be tested with an oil-based challenge, use Type H instead.
B	99.97% Efficient on 0.3 micron particles at rated flow and 20% of rated flow when tested per MIL-STD-282	Nuclear, DOE, DOD and other applications requiring filters to meet ASME AG-1 Section FC.
C	99.99% Efficient on 0.3 micron particles at rated flow when tested per MIL-STD-282 and has been leak tested (scan tested) per IEST-RP-C034	Pharmaceutical manufacturers, Biotechnology, Semiconductor, hospitals and other cleanroom applications. If filters cannot be tested with an oil-based challenge, use Type K instead.
D	99.999% Efficient on 0.3 micron particles at rated flow when tested per MIL-STD-282 and has been leak tested (scan tested) per IEST-RP-C034	HIGHER EFFICIENCY THAN TYPE "C". Pharmaceutical manufacturers, Biotechnology, Semiconductor, hospitals and other cleanroom applications. If filters cannot be tested with an oil-based challenge, use Type J instead.
E	Designed, tested and constructed in accordance with MIL-F-51477 or ASME AG-1, Section FC	Animal Disease Laboratories
F	99.999% Efficient at rated flow when tested per IEST-RP-CC034 and has been leak tested (scan tested) per IEST-RP-CC007, determined as the lower efficiency at 0.1-0.2 microns or 0.2-0.3 microns	Pharmaceutical manufacturers, Biotechnology, Semiconductor, Aerospace and other cleanroom applications.
G	99.9999% efficient on MPPS (Minimum Particle Penetrating Size) when tested at rated flow per IEST-RP-CC007, and has been leak tested (scan tested) per IEST-RP-C034	Semiconductor, Aerospace and other applications requiring ISO Class 4 Cleanrooms per ISO 14644-1.
H	99397% efficient when tested at rated flow per IEST-RP-CC007, determined as the lower efficiency at 0.1-0.2 microns or 0.2-0.3 microns	Commecial, industrial, general HVAC applications. This filter should be used when customer's filter size or rated flow may exceed manufacturer's MIL-STD-282 test equipment capabilities.
I	99.97% efficient when tested at rated flow per IEST-RP-CC007, determined as the lower efficiency at 0.1-0.2 microns or 0.2-0.3 microns. It also has been leak tested at 20% of rated flow per IEST-RP-CC007.	Nuclear, DOE, DOD and other applications requiring filters to meet ASME AG-1 Section FC.
J	99.99% efficient when tested at rated flow per IEST-RP-CC007, determined as the lower efficiency at 0.1-0.2 microns or 0.2-0.3 microns. It also has been leak tested at 20% of rated flow per IEST-RP-CC034.	Pharmaceutical manufacturers, Biotechnology, Semiconductor, hospitals and other cleanroom applications. This filter should be used when customer's filter size or rated flow may exceed manufacturer's MIL-STD-282 test equipment capabilities.
K	99.995% efficient when tested at rated flow per IEST-RP-CC007, determined as the lower efficiency at 0.1-0.2 microns or 0.2-0.3 microns. It also has been leak tested at 20% of rated flow per IEST-RP-CC034.	High Purity Pharmaceutical Manufacturers, Biotechnology, Semicondudctor. This filter should be used when customer's filter size or rated flow may exceed manufacturer's MIL-STD-282 test equipment capabilities.

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