

# EUROVENT CLASSIFICATION CHART

EN779:2012

Group	Class	Final test pressure drop Pa	Average arrestance (Am) of synthetic dust %	Average efficiency (Em) of 0.4 µm particles %	Minimum efficiency <sup>2)</sup> of 0.4 µm particles %
Coarse	G1	250	$50 \leq A_m < 65$	-	-
	G2	250	$65 \leq A_m < 80$	-	-
	G3	250	$80 \leq A_m < 90$	-	-
	G4	250	$90 \leq A_m$	-	-
Medium	M5	450	-	$40 \leq E_m < 60$	-
	M6	450	-	$60 \leq E_m < 80$	-
Fine	F7	450	-	$80 \leq E_m < 90$	35
	F8	450	-	$90 \leq E_m < 95$	55
	F9	450	-	$95 \leq E_m$	70

EN1822

Filter Class	Integral Value		Local Value	
	Collection Efficiency %	Penetration %	Collection Efficiency %	Penetration %
E10	85	15	-	-
E11	95	5	-	-
E12	99.5	0.5	-	-
H13	99.95	0.05	99.75	0.25
H14	99.995	0.005	99.975	0.025
U15	99.9995	0.0005	99.9975	0.0025
U16	99.99995	0.00005	99.99975	0.00025
U17	99.999995	0.000005	99.9999	0.0001

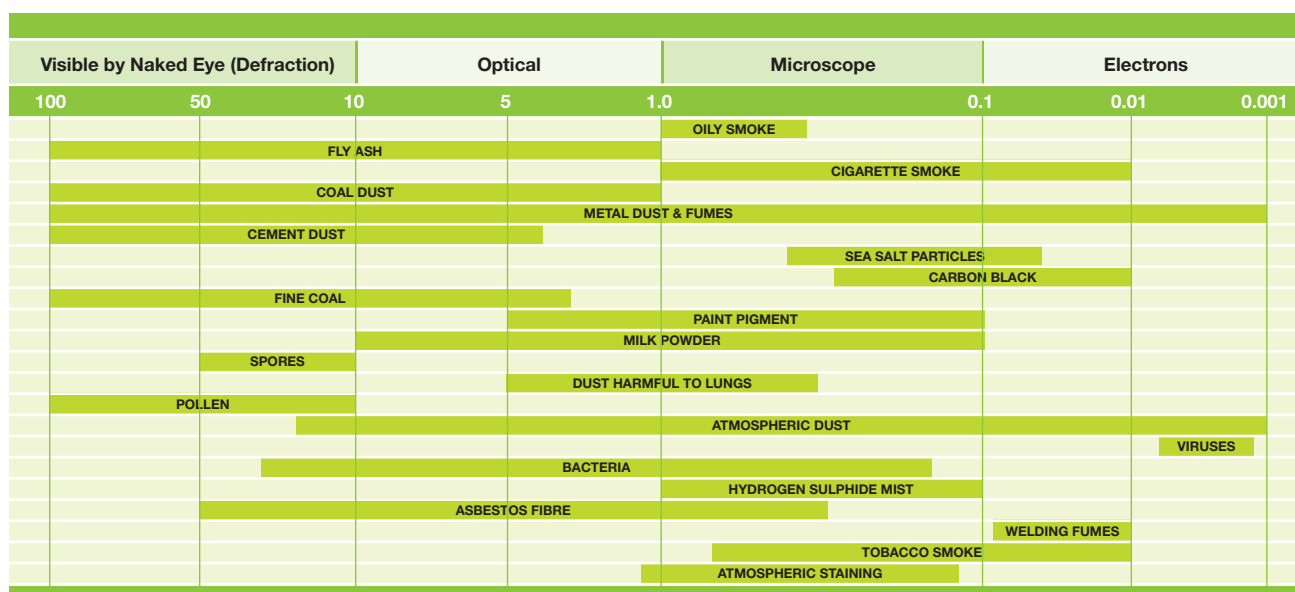
The filter class descriptions are:

**EPA 10 - EPA 12: Efficiency Particulate Air Filters**

**HEPA 13 - HEPA 14: High Efficiency Particulate Air Filters**

**ULPA 15 - ULPA 17: Ultra Low Penetration Air Filters**

## COMMON CONTAMINANT SIZING GUIDE



1mm = 1000 Micron / 1 Micron = 0.001mm