

TECHNICAL DATA



Prepared by the Airguard Research and Technical Center

CROSS REFERENCE OF FILTER EFFICIENCY CLASSES PER EUROPEAN STANDARDS EN 779 AND EN 1822

European Standard 779

Filter Group	Filter Class	ASHRAE 52.1	
		Arrestance	Efficiency
G (Arrestance Filters)	G1	< 65%	-
	G2	65% < 80%	-
	G3	80% < 90%	-
	G4	≥ 90%	-
F (Dust Spot Efficiency Filters)	F5	-	40% < 60%
	F6	-	60% < 80%
	F7	-	80% < 90%
	F8	-	90% < 95%
	F9	-	≥ 95%

European Standard EN 1822

Filter Group	Filter Class	Efficiency on 0.3 microns
H (HEPA Filters)	H10	85.0%
	H11	95.0%
	H12	99.5%
	H13	99.95%
	H14	99.995%
Efficiency on 0.12 microns		
U (ULPA Filters)	U15	99.9995%
	U16	99.99995%
	U17	99.999995%