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**TABLE 1.1 for AIR FILTERS and EFFICIENCY**

CLASSIFICATION	Arrestance or Dust Spot Efficiency	US ASHRAE 52.2	European Union EN779 Class	Typical Controlled Contaminant	Application	MAYAIR Range of Products
PRE Filter (G Class)	AFI <65 %	MERV 1	G1 Am < 65 %	Particle bigger than 10.0µm (Pollen) (Spanish moss) (Dust mites) (Sanding dust) (Spray paint dust) (Textile fibers)	Gross filter, domestic and commercial	M-NET M-WASH ROLL MEDIA
	AFI 65 %-70 %	MERV 2	G2 65 % ≤ Am < 80 %			
	AFI 70 %-75 %	MERV 3				
	AFI 75 %-80 %	MERV 4				
	AFI 80 %-85 %	MERV 5	G3 80 % ≤ Am < 90 %	Particle size within 3.0µm-10.0µm (Mold) (Spores) (Hair spray) (Cement dust) (Snuff) (Powdered milk)	Commercial, industrial, paint shop	M-NET M-WASH M-DP ROLL MEDIA
	AFI 85 %-90 %	MERV 6				
	NBS 25 %-30 %	MERV 7	G4 90 % ≤ Am			
	NBS 30 %-35 %	MERV 8				
NBS 40 %-45 %	MERV 9	F5 40 % ≤ Em < 60 %		Particle Size within 1.0µm-3.0µm (Lead dust) (Milled flour) (Coal dust) (Auto emissions) (Nebulizer drop) (Welding fumes)	IAQ concerned commercial & industrial, medical	M-PACK M-BOX M-MI, M-MII M-MV
NBS 50 %-55 %	MERV 10					
NBS 60 %-65 %	MERV 11	F6 60 % ≤ Em < 80 %				
NBS 70 %-75 %	MERV 12					
NBS 80 %-85 %	MERV 13	F7 80 % ≤ Em < 90 %		Particle size within 0.3µm-1.0µm (All bacteria) (cooking oil) (Most smoke) (Copier toner) (Most face powder) (Most paint pigments)	IAQ concerned commercial, industrial, medical, food etc	M-PACK M-BOX M-MI, M-MII M-MV
NBS 90 %-95 %	MERV 14					
NBS >95 %	MERV 15	F8 90 % ≤ Em < 95 %				
	MERV 16					
MEDIUM Filter (F Class)			F9 95 % ≤ Em			