

































## Minimum Efficiency Reporting Value (MERV) Rating Chart

Good	Filtered Airborne Contaminants					
	 POLLEN  PET DANDER  DUST/LINT  DUST MITE					
		Particle Size Removal	Arrestance	Dust-Spot Efficiency Percent	Typical Applications	Most Common Air Filter Type
	MERV 5	-	80 - 85%	< 20%	Paint Booth Inlet	Poly Disposable Throwaway
	MERV 6	-	85 - 90%	< 20%	Industrial Workplace	Cube / Pocket Filters
MERV 7	-	> 90%	25 - 30%	Standard Residential	Pleated Filters	
MERV 8	-	> 90%	30 - 35%	Standard Commercial Buildings		

Better	Filtered Airborne Contaminants						
	 POLLEN  PET DANDER  DUST/LINT  DUST MITE  MOLD SPORES  SMOG  ODOR*						
		Particle Size Removal	Arrestance	Dust-Spot Efficiency Percent	Typical Applications	Most Common Air Filter Type	
	MERV 9	-	> 90%	40 - 45%	Better Residential	Bag Filters	
	MERV 10	-	> 95%	50 - 55%	Better Commercial Buildings	Pleated Filters	
MERV 11	-	> 95%	60 - 65%	Hospital Laboratories	Rigid Style Box Filters		
MERV 12	-	> 95%	70 - 75%				

Best	Filtered Airborne Contaminants								
	 POLLEN  PET DANDER  DUST/LINT  DUST MITE  MOLD SPORES  SMOG  ODOR*  SMOKE  BACTERIA  ALLERGENS								
		Particle Size Removal	Arrestance	Dust-Spot Efficiency Percent	Typical Applications	Most Common Air Filter Type			
	MERV 13	< 75	> 98%	89 - 90%	Superior Residential (M13 Only)	Bag Filters			
	MERV 14	75 - 85	> 98%	90 - 95% **	Superior Commercial Buildings	Pleated Filters			
MERV 15	85 - 95	-	> 95% **	Hospital Inpatient Care	Rigid Style Box Filters				
MERV 16	> 95	-	- **	General Surgery					
				Smoking Lungs					

Elite	Filtered Airborne Contaminants									
	 POLLEN  PET DANDER  DUST/LINT  DUST MITE  MOLD SPORES  SMOG  ODOR*  SMOKE  BACTERIA  ALLERGENS  VIRUS CARRIERS									
		Particle Size Removal	Arrestance	Dust-Spot Efficiency Percent	Typical Applications	Most Common Air Filter Type				
	MERV 17	> 99.97	-	- **	Cleanrooms	HEPA / ULPA Supported Filters				
	MERV 18	> 99.99	-	- **	Electronics MFG.					
MERV 19	> 99.999	-	- **	Pharmaceutical MFG.						
MERV 20	> 99.999	-	- **	Carcinogenetic Materials						
				Radioactive Materials						