



ASHRAE 52.2				ASHRAE 52.1 Test			Particle Size Range μm	Applications
MERV	PARTICLE SIZE RANGE			Arrestance	Dust Spot			
	3 to 10 μm	1 to 3 μm	.3 to 1 μm	AS1324.1 and AS4260 Equivalent Grade				
1	<20%	-	-	G1	<65%	<20%	> 10	Residential, light pollen, dust mites
2	<20%	-	-	G2	65-70%	<20%		
3	<20%	-	-	G2	70-75%	<20%		
4	<20%	-	-	G2	>75%	<20%		
5	20-35%	-	-	G3	80-85%	<20%	3.0 - 10	Industrial, Dust Moulds, Spores
6	35-50%	-	-	G4	>90%	<20%		
7	50-70%	-	-	F5	>90%	20-25%		
8	>70%	-	-		>95%	25-30%		
9	>85%	<50%	-		>95%	40-45%		
10	>85%	50-65%	-		>95%	50-55%		
11	>85%	65-80%	-	F6	>98%	60-65%	1.0 - 3.0	Industrial, Legionell, Dust
12	>90%	>80%	-		>98%	70-75%		
13	>90%	>90%	<75%	F7	>98%	80-90%	0.3 - 1.0	Hospitals, Smoke Removal, Bacteria
14	>90%	>90%	75-85%	F8	>98%	90-95%		
15	>90%	>90%	85-95%		>98%	~95%		
16	>95%	>95%	>95%	F9	>98%	>95%		
17	-	-	99.95%	H13	-	-	<0.3	Clean rooms, Surgery, Chem-bio, Viruses
18	-	-	99.995%	H14	-	-		
19	-	-	99.9995%	U15	-	-		
20	-	-	99.99995%	U16	-	-		

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In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.

