

MERV PARAMETERS

STANDARD 52.2 MINIMUM EFFICIENCY REPORTING VALUE (MERV)	COMPOSITE AVERAGE PARTICLE SIZE EFFICIENCY, % IN SIZE RANGE, MICRON			AVERAGE ASHRAE ARRESTANCE, %, BY STANDARD 52.1 METHOD	MINIMUM FINAL RESISTANCE INCHES OF WATER	
	RANGE 1 (0.3-1.0)	RANGE 2 (1.0-3.0)	RANGE 3 (3.0-10.0)		PA	
1	n/a	n/a	E3<20	Aavg < 65	75	0.3
2	n/a	n/a	E3<20	65≤Aavg<75	75	0.3
3	n/a	n/a	E3<20	70≤Aavg<75	75	0.3
4	n/a	n/a	E3<20	75≤Aavg	75	0.3
5	n/a	n/a	20≤E3<35	n/a	150	0.6
6	n/a	n/a	35≤E3<50	n/a	150	0.6
7	n/a	n/a	50≤E3<70	n/a	150	0.6
8	n/a	n/a	70≤E3	n/a	150	0.6
9	n/a	E2<50	85≤E3	n/a	250	1.0
10	n/a	50≤E2<65	85≤E3	n/a	250	1.0
11	n/a	65≤E2<80	85≤E3	n/a	250	1.0
12	n/a	80≤E2	90≤E3	n/a	250	1.0
13	E1<75	90≤E2	90≤E3	n/a	350	1.4
14	75≤E1<85	90≤E2	90≤E3	n/a	350	1.4
15	85≤E1<95	90≤E2	90≤E3	n/a	350	1.4
16	95≤E1	95≤E2	95≤E3	n/a	350	1.4