

MERV Parameters

Table 7.2.1

Minimum Efficiency Reporting Value	Composite Average Particle Size Efficiency (%)			Average Arrestance by ASHRAE 52.1	Minimum Final Resistance	
	0.3 to 1.0 E_1	1.0 to 3.0 E_2	3.0 to 10 E_3		Pa	In Water
1	n/a	n/a	$E_3 < 20$	$A_{avg} < 65$	75	0.3
2	n/a	n/a	$E_3 < 20$	$65 \leq A_{avg} < 70$	75	0.3
3	n/a	n/a	$E_3 < 20$	$70 \leq A_{avg} < 75$	75	0.3
4	n/a	n/a	$E_3 < 20$	$75 \leq A_{avg}$	75	0.3
5	n/a	n/a	$20 \leq E_3 < 35$	n/a	150	0.6
6	n/a	n/a	$35 \leq E_3 < 50$	n/a	150	0.6
7	n/a	n/a	$50 \leq E_3 < 70$	n/a	150	0.6
8	n/a	n/a	$70 \leq E_3 < 85$	n/a	150	0.6
9	n/a	$E_2 < 50$	$E_3 \geq 85$	n/a	250	1.0
10	n/a	$50 \leq E_2 < 65$	$E_3 \geq 85$	n/a	250	1.0
11	n/a	$65 \leq E_2 < 80$	$E_3 \geq 85$	n/a	250	1.0
12	n/a	$E_2 \geq 80$	$E_3 \geq 90$	n/a	250	1.0
13	$E_1 < 75$	$E_2 \geq 90$	$E_3 \geq 90$	n/a	350	1.4
14	$75 \leq E_1 < 85$	$E_2 \geq 90$	$E_3 \geq 90$	n/a	350	1.4
15	$85 \leq E_1 < 95$	$E_2 \geq 90$	$E_3 \geq 90$	n/a	350	1.4
16	$E_1 \geq 95$	$E_2 \geq 90$	$E_3 \geq 90$	n/a	350	1.4