



Foremost in Air Filtration

AIR FILTRATION PRODUCTS

Table 12-1 MER Parameters

Group Number	Minimum Efficiency Reporting (MER)	Composite Average Particle Size Efficiency, % in Size Range, $\mu\text{m}$			Average Arrestance, % by Std 52.1 Method	Minimum Final Resistance (See Note)	
		Range 1 0.30 - 1.0	Range 2 1.0 - 3.0	Range 3 3.0 - 10.0		Pa	in. of Water
1	1	n/a	n/a	$E_3 < 20$	$A_{\text{avg}} < 65$	<del>150</del> <u>75</u>	<del>0.6</del> <u>0.3</u>
	2	n/a	n/a	$E_3 < 20$	$65 \leq A_{\text{avg}} < 70$	<del>150</del> <u>75</u>	<del>0.6</del> <u>0.3</u>
	3	n/a	n/a	$E_3 < 20$	$70 \leq A_{\text{avg}} < 75$	<del>150</del> <u>75</u>	<del>0.6</del> <u>0.3</u>
	4	n/a	n/a	$E_3 < 20$	$75 \leq A_{\text{avg}}$	<del>150</del> <u>75</u>	<del>0.6</del> <u>0.3</u>
2	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
3	9	n/a	$E_2 < 50$	$85 \leq E_3$	n/a	250	1.0
	10	n/a	$50 \leq E_2 < 65$	$85 \leq E_3$	n/a	250	1.0
	11	n/a	$65 \leq E_2 < 80$	$85 \leq E_3$	n/a	250	1.0
	12	n/a	$80 \leq E_2 < 90$	$90 \leq E_3$	n/a	250	1.0
4	13	$E_1 < 75$	$90 \leq E_2$	$90 \leq E_3$	n/a	350	1.4
	14	$75 \leq E_1 < 85$	$90 \leq E_2$	$90 \leq E_3$	n/a	350	1.4
	15	$85 \leq E_1 < 95$	$90 \leq E_2$	$90 \leq E_3$	n/a	350	1.4
	16	$95 \leq E_1$	$95 \leq E_2$	$95 \leq E_3$	n/a	350	1.4