

Todd McGrath

Chair SSPC 52.2

07/10/2023

Subject: Correction Regarding the Terms "MERV 17-20"

To Whom It May Concern,

I am writing to address a common misunderstanding regarding the terms "MERV 17-20" and provide clarification to ensure accurate information is given. As the current Chair of SSPC 52.2, I believe it is important to correct the usage of the terms "MERV 17-20", as it is incorrect and may lead to misconceptions.

MERV ratings range from 1 to 16, with a higher number indicating a higher level of filtration efficiency. However, it is essential to note that the MERV scale ends at MERV 16. Currently, there is no officially recognized or standardized "MERV 17-20" value. Therefore, any reference to "MERV 17-20" would be inaccurate and potentially misleading.

I kindly request that you help spread awareness and correct any published "MERV 17-20" statements of this discrepancy and share this information with your colleagues, clients, or anyone who might be using the term "MERV 17-20." By doing so, we can prevent the perpetuation of incorrect terminology and promote accurate understanding within the industry.

Thank you for your attention to this matter. If you have any further questions or require additional information, please do not hesitate to reach out. I am more than happy to assist you in any way I can.

Sincerely,

Todd McGrath

Chair of ASHRAE Standard 52.2

Michael Corbat

President of National Air Filtration

Steven Nicholas

Waterloo Filtration Institute

Ken Winston

AFS

MERV CHART

MINIMUM EFFICIENCY REPORTING VALUE (MERV)	Composite Average Particle Size Efficiency, % in Size Range, micron			AVERAGE ARRESTANCE
	RANGE 1 0.3 - 1.0	RANGE 2 1.0 - 3.0	RANGE 3 3.0 - 10.0	
1	N/A	N/A	E3 < 20	Avg ≤ 65
2	N/A	N/A	E3 < 20	65 ≤ AVG
3	N/A	N/A	E3 < 20	70 ≤ AVG
4	N/A	N/A	E3 < 20	75 ≤ AVG
5	N/A	N/A	20 ≤ E3	N/A
6	N/A	N/A	35 ≤ E3	N/A
7	N/A	N/A	50 ≤ E3	N/A
8	N/A	20 ≤ E2	70 ≤ E3	N/A
9	N/A	35 ≤ E2	75 ≤ E3	N/A
10	N/A	50 ≤ E2	80 ≤ E3	N/A
11	20 ≤ E1	65 ≤ E2	85 < E3	N/A
12	35 ≤ E1	80 ≤ E2	90 ≤ E3	N/A
13	50 ≤ E1	85 ≤ E2	90 ≤ E3	N/A
14	75 ≤ E1	90 ≤ E2	95 ≤ E3	N/A
15	85 ≤ E1	90 ≤ E2	95 ≤ E3	N/A
16	95 ≤ E1	95 ≤ E2	95 ≤ E3	N/A