

MERV Minimum Efficiency Chart

MERV: MINIMUM EFFICIENCY REPORTING VALUES (ASHRAE Standard 52.2)

Group	MERV Rating	Avg. Efficiency @ 0.3 – 1.0 microns	Avg. Efficiency @ 1.0 – 3.0 microns	Avg. Efficiency @ 3.0 – 10.0 microns
1	MERV 1	–	–	less than 20%
	MERV 2	–	–	less than 20%
	MERV 3	–	–	less than 20%
	MERV 4	–	–	less than 20%
2	MERV 5	–	–	20% – 34.9%
	MERV 6	–	–	35% – 49.9%
	MERV 7	–	–	50% – 69.9%
	MERV 8	–	–	70% – 84.9%
3	MERV 9	–	less than 50%	≥85%
	MERV 10	–	50% – 64.9%	≥85%
	MERV 11	–	65% – 79.9%	≥85%
	MERV 12	–	80% – 89.9%	≥90%
4	MERV 13	less than 75%	≥90%	≥90%
	–	–	–	–