



## MERV RATINGS

The acronym MERV stands for "Minimum Efficiency Reporting Value". The MERV rating is the standard method for comparing the efficiency of an air filter. The higher the MERV rating, the better the filter is at removing particles from the air down to sub micron size.

MEDIA TYPE	MERV RATING	EFFICIENCY	MICRON RANGE
100% Cellulose	10	50-60%	1-3
80 Cellulose / 20 Polyester	11	65-80%	1-3
Spunbond Polyester	12	80+%	1-3
80 Cellulose / 20 Polyester with Nanofiber	15	85-95%	.3-1
Spunbond Polyester with PTFE Membrane	16	99.5%	.3-1
HEPA Media	17	99.97%	.3
ULPA MEedia	19	99.99%	.3

\*It should be noted that the ASHRAE 52.2 test procedure returns the MINIMUM efficiency value for the tested filter. In actual use, once the filters have been coated with particulate, the filter efficiency would be much higher than that reported through the test.

