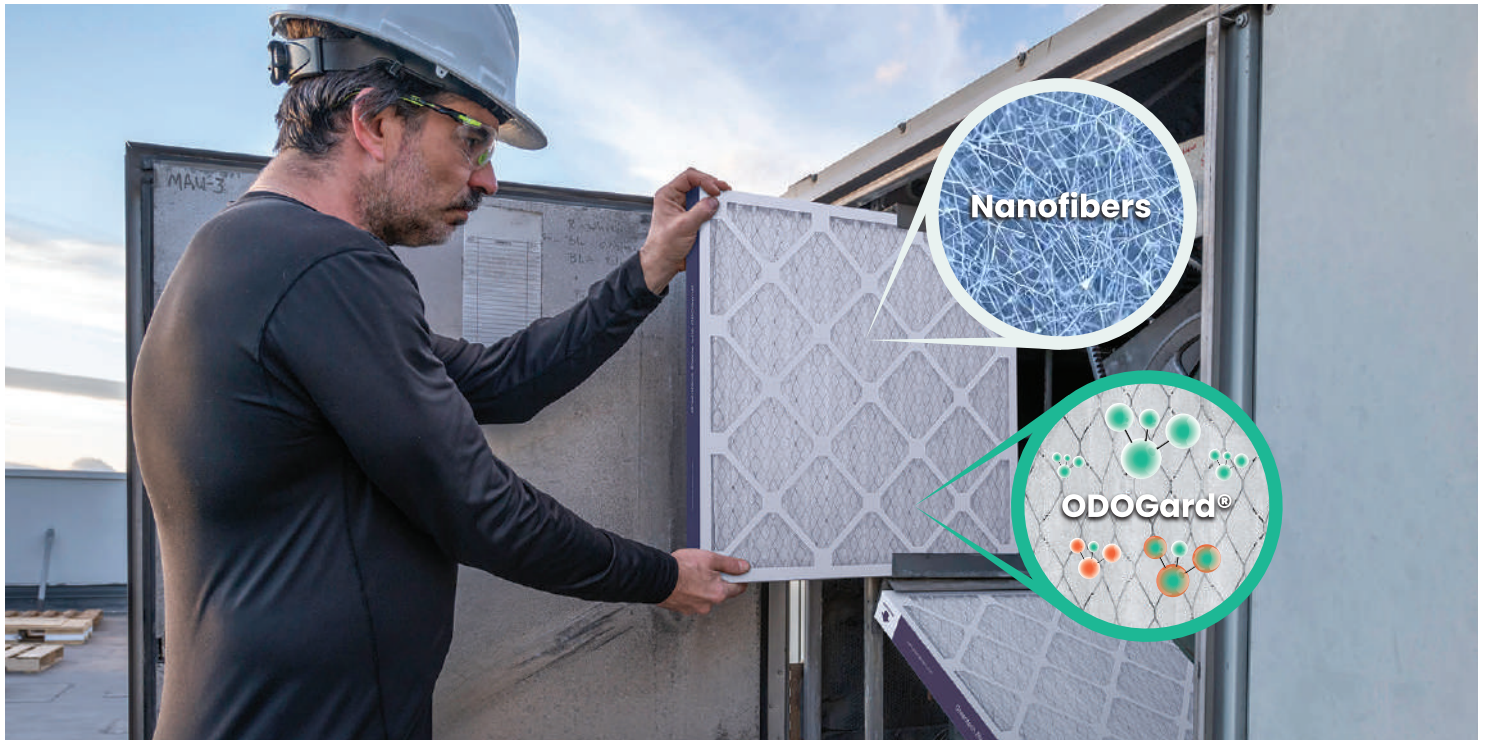


# Your HVAC system should work smarter, not harder.

Smarter filter technology helps you get the most out of what you've got.



Greentech Filters+ start with our advanced nanofiber material for improved air flow and less pressure drop, and then coated with our exclusive, revolutionary ODOGard® to capture and eliminate odors and volatile organic compounds so it works smarter without making your equipment work harder.

## About Greentech Filters+

- **Great for old equipment, areas that need better filtration, construction material off-gassing, high-traffic areas, LEED buildings, any odors and volatile organic compounds – everywhere you have a pleated filter.**
- Nanofibers – thinly spun (411x thinner than a human hair) for ultrafine filtration.
- True mechanical MERV 11A with low pressure drop, equal to MERV 8 airflow, for better energy efficiency.
- No issues with aerosols, humidity, fine particles or blocking like electrostatic filters.
- ODOGard creates a molecular bond with odors and renders the odor inert, eliminating it.
- Better for the environment, using 70% less plastic and materials than other pleated filters.

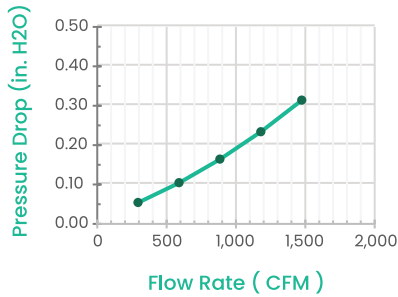
# Greentech Filters+ Sizes

Custom Sizes Available

- 12" x 12" x 1"
- 20" x 22" x 1"
- 20" x 24" x 1"
- 20" x 25" x 1"
- 16" x 20" x 2"
- 20" x 24" x 2"
- 16" x 25" x 2"
- 14" x 20" x 1"
- 12" x 24" x 1"
- 24" x 24" x 1"
- 20" x 30" x 1"
- 18" x 20" x 2"
- 24" x 24" x 2"
- 20" x 25" x 2"
- 16" x 20" x 1"
- 14" x 24" x 1"
- 14" x 25" x 1"
- 24" x 30" x 1"
- 20" x 20" x 2"
- 25" x 24" x 2"
- 25" x 25" x 2"
- 20" x 20" x 1"
- 18" x 24" x 1"
- 16" x 25" x 1"
- 12" x 24" x 2"
- 14" x 25" x 2"
- 20" x 30" x 2"

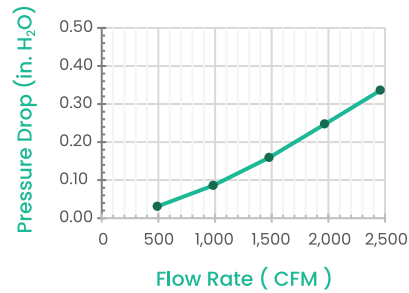
## Greentech Filters+ Pressure Drop vs. Flow Rate

1" Filter



Flow Rate (CFM)	Press Drop (in. w.o.)
295	0.05
590	0.10
885	0.16
1,180	0.23
1,475	0.31

2" Filter



Flow Rate (CFM)	Press Drop (in. w.o.)
492	0.03
984	0.09
1,476	0.16
1,968	0.25
2,460	0.34

## ASHRAE 52.2 Test Data

**Filter Size:**

24" x 24" x 2"

**Test Aerosol:**

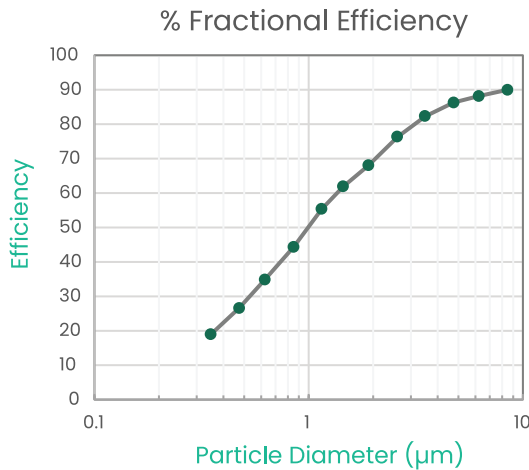
KCl, Neutralized

**Flow Rate:**

1,968 CFM

**Velocity:**

492 FPM



Size Range (µm)	Initial Fractional Efficiency	
0.30 - 0.40	19.0%	E <sup>1</sup>
0.40 - 0.55	26.7%	
0.55 - 0.70	34.9%	
0.70 - 1.00	44.3%	
1.00 - 1.30	55.3%	E <sup>2</sup>
1.30 - 1.60	61.9%	
1.60 - 2.20	68.0%	
2.20 - 3.00	76.3%	
3.00 - 4.00	82.3%	E <sup>3</sup>
4.00 - 5.00	86.3%	
5.50 - 7.00	88.2%	
7.00 - 10.00	90.0%	