



High Performance Return Grille Filter

SYNERGY™ High Performance Return Grille Filters provide your family with maximum health, comfort and cleanliness by removing airborne contaminants from the air circulated throughout your home by the heating and air conditioning system. The filters also prevent dirt buildup in ducts and inside the central HVAC system.

SYNERGY filters fit in the same space as standard 1" return grille filters. No modification or retrofitting of your return grille is required. The deep pleat design provides eight times more filter surface area, extending service life by 6 to 12 times over standard 1" filters. The extended surface media also provides significantly higher efficiency to capture household dust and lint, pollen, mold, spores, fungi, bacteria and pet dander to name a few.

The higher efficiency of SYNERGY filters also helps keep your heating and air conditioning unit operating at peak performance by reducing dirt buildup on heat exchangers and coils. This maintains like new heat transfer efficiency to save on energy costs.

FEATURES

- Fits most manufacturers' return grille filter installations.
- Exclusive SYNERGY media provides significantly higher efficiency than 1" fiberglass filters.
- Pleated filter media has eight times more filter surface area than 1" fiberglass filters
- Lasts up to 12 months - 6 to 12 times longer than 1" fiberglass filters.
- Mounts inside most 1" residential return grilles.
- Pre-assembled filter is easy to install and remove from return grille.
- 1" header design allows filter to nest into position in return grille.
- Reduces dirt buildup in ducts, on heat exchangers and cooling coils.
- Pleat stabilizers (fingers) on the air entering side reinforce the media pack and retain pleat shape. They hold the pleats apart under all types of operating conditions enabling air to flow smoothly through the filter at low resistance.
- Low operating resistance reduces strain on heating and cooling unit, and reduces energy costs.

High Performance Return Grille Filter

Longer Lasting and Cleaner Air

Longer Lasting

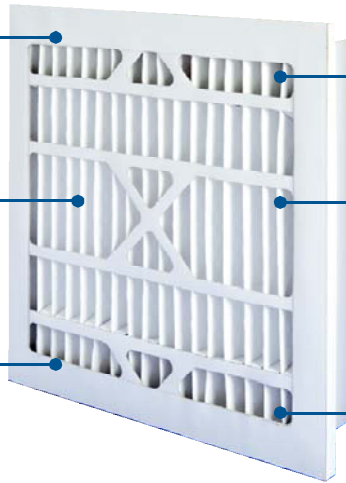
Has a life cycle up to 12 months

Superior Air Cleaning Performance

Provides significantly higher efficiency on smaller particles than a 1" fiberglass filter

Keeps Ducts Clean

Prevents dirt accumulation in ducts



Perfect Fit

Fits most residential return grille units

Increases Efficiency

Puts less strain on your heating/cooling equipment

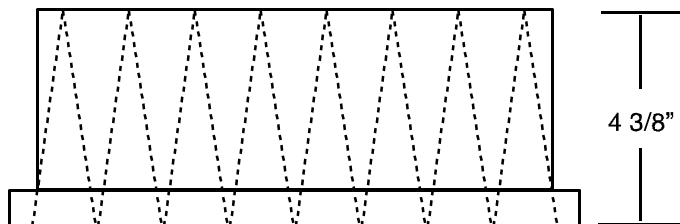
Saves Energy

Reduces dirt buildup on heat exchangers and cooling coils

PLEATED FILTER DESIGN

SYNERGY filters are made with a pleated media design that provides substantially more media than 1" flat panel filters. By pleating the media, SYNERGY filters have eight times more filter surface area to hold dirt particles.

SYNERGY 5" Filter

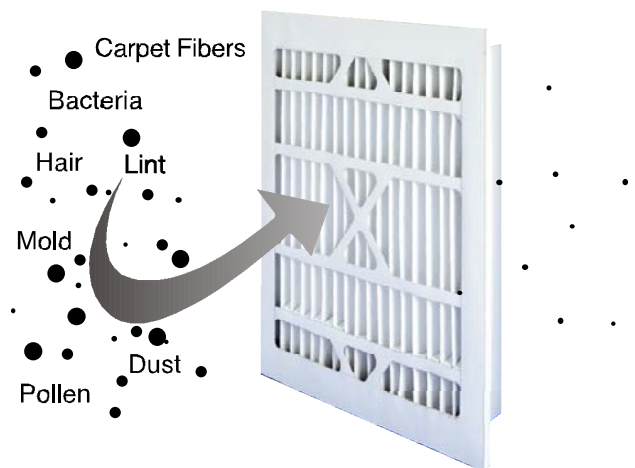


1" Flat Panel Filter

The deep pleat design of SYNERGY filters above has up to eight times more filter surface area than 1" return grille filters.

TYPICAL HOUSEHOLD PARTICLES

SYNERGY filters capture many contaminants that easily pass through 1" fiberglass filters to help keep your home cleaner and healthier. They also protect your heating and air conditioning unit from energy-robbing dirt buildup.



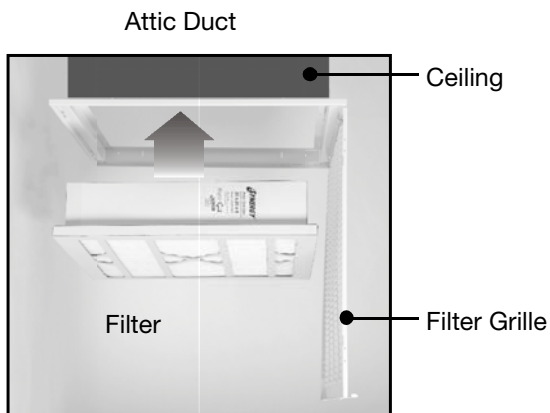
INSTALLATION

SYNERGY filters can be installed in wall mounted or ceiling mounted return grille arrangements. They are installed in the return air duct behind a hinged protective grille for easy access.

Wall Mount

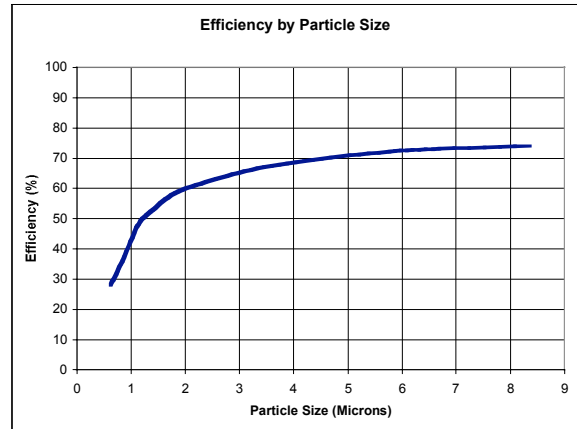


Ceiling Mount

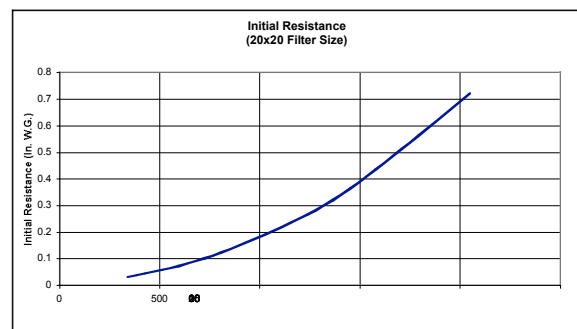


PERFORMANCE

MERV 8 RATING



SYNERGY filters have a MERV 8 rating which means they achieve a minimum of 70% efficiency on 3-10 micron particles when clean.



The low operating resistance of SYNERGY filters reduces strain on the fan motor and reduces energy costs.

General Specifications

SYNERGY Model Number	Nominal Size Inches	Header Actual Size (wxh)	Actual Filter Box Size Inches	Air Flow Capacity (CFM) 300 fpm
SYN-RG-1212	12 x 12	11.75 x 11.75	10.25 x 10.25 x 4.375	300
SYN-RG-1224	12 x 24	11.75 x 23.75	10.25 x 22.25 x 4.375	600
SYN-RG-1414	14 x 14	13.75 x 13.75	12.25 x 12.25 x 4.375	400
SYN-RG-1420	14 x 20	13.75 x 19.75	12.25 x 18.25 x 4.375	580
SYN-RG-1424	14 x 24	13.75 x 23.75	12.25 x 22.25 x 4.375	700
SYN-RG-1425	14 x 25	13.75 x 24.75	12.25 x 28.25 x 4.375	730
SYN-RG-1430	14 x 30	13.75 x 29.75	12.25 x 28.25 x 4.375	875
SYN-RG-1620	16 x 20	15.75 x 19.75	14.25 x 18.25 x 4.375	620
SYN-RG-1625	16 x 25	15.75 x 24.75	14.25 x 23.25 x 4.375	840
SYN-RG-1824	18 x 24	17.75 x 23.75	16.25 x 22.25 x 4.375	900
SYN-RG-2020	20 x 20	19.75 x 19.75	18.25 x 18.25 x 4.375	835
SYN-RG-2024	20 x 24	19.75 x 23.75	18.25 x 22.25 x 4.375	1000
SYN-RG-2025	20 x 25	19.75 x 24.75	18.25 x 22.25 x 4.375	1050
SYN-RG-2030	20 x 30	19.75 x 29.75	18.25 x 28.25 x 4.375	1250
SYN-RG-2036	20 x 36	19.75 x 35.75	18.25 x 34.25 x 4.375	1500
SYN-RG-2424	24 x 24	23.75 x 23.75	22.25 x 22.25 x 4.375	1200
SYN-RG-2430	24 x 30	23.75 x 29.75	22.25 x 28.25 x 4.375	1500

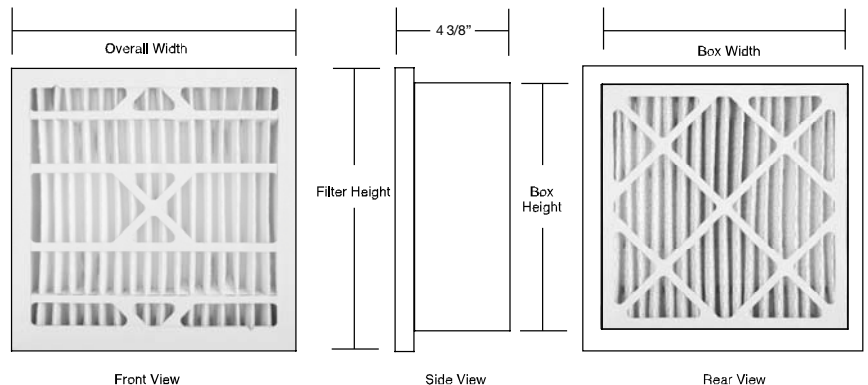
Performance Data

* Test Report Based on 20" x 20" filter

Initial Resistance at 300 FPM 0.12" W.G.

MERV Rating 8

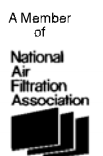
Performance data is based on the ASHRAE 52.2-1999 test method. Underwriters Laboratories Classification U.L. Class 2 per Standard 900.



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Member ASHRAE



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