

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

StrataDensity[®]

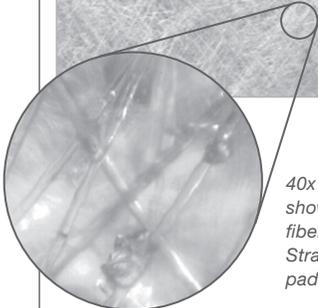
STURDY DISPOSABLE PANEL FILTERS



Designed for general air filtration applications with light to medium dust loading conditions, StrataDensity disposable panel filters are engineered for sturdy, economical performance and ease of use. Available in a wide range of sizes, StrataDensity filters are used in all types of HVAC systems to protect the coils from dirt. They are also used as prefilters to extend the life of higher efficiency filters.



40x magnification shows the spun fiberglass skin of the StrataDensity[®] filter pad.



Continuous filament glass fibers are drawn from a furnace onto a revolving drum to form a dense, interlaced mat.

High Arrestance and Dust Holding

StrataDensity filters are constructed with proprietary, premium grade fiberglass media manufactured by AAF Flanders. The increased density of fibers in StrataDensity filter media provides higher arrestance and more effective air cleaning than the media in competitive filters. This additional density of fibers also increases the amount of dust that StrataDensity filters can hold, which translates to longer filter life and lower operating costs.

Sturdy Construction, Longer Filter Life

Compression Resistant, Double-Skinned Media

The double-skinned media design eliminates the need for scrim or metal retainers by building the strength requirements into the fiberglass. Through an automated process, the fibers can now be spun in a pattern that actually duplicates the holding strength of scrim type retainers. The double-skinned fiberglass retainer also provides a better adhesive bond to the frame because it is spun into the media. This technology has produced a superior product without additional cost.

Compression resistant glass fibers decrease media pad deterioration allowing a normal rise in resistance as the filter collects dirt particles. A slower rise in resistance extends the life of the filter.

Frame Strength

A continuous adhesive bond between the media pad and chipboard frame maximizes construction strength to reduce handling damage and permit longer service life.

Designed for Easy Handling and Disposal

The chipboard filter frame, free of sharp edges, makes the panel easy to install and remove. After removal, the filter can be safely folded for compact disposal.

StrataDensity®

Performance Data

Typical initial (clean) pressure drop at 300 FPM is 0.10" w.g.

Recommended final resistance is .50" w.g.

Underwriters Laboratories Classification

StrataDensity filters are UL Classified. Testing was performed according to UL Standard 900 and ULC-S111.

Operating Temperature Limits

StrataDensity filters are designed for continuous operating temperatures up to 150°F (66°C).

Packing/Shipping

All filters are packed 12 per carton. All sizes can be shipped UPS.

Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Size (Inches) (W x H x D)	Rated CFM @ 300 FPM
10 x 20 x 1	9 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	400
10 x 30 x 1	9 ⁷ / ₈ x 29 ⁵ / ₈ x ¹³ / ₁₆	625
12 x 12 x 1	11 ⁷ / ₈ x 11 ⁷ / ₈ x ¹³ / ₁₆	300
12 x 20 x 1	11 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	500
12 x 24 x 1	11 ⁷ / ₈ x 23 ⁵ / ₈ x ¹³ / ₁₆	600
12 x 30 x 1	11 ⁷ / ₈ x 29 ⁵ / ₈ x ³ / ₄	750
14 x 14 x 1	13 ⁷ / ₈ x 13 ⁷ / ₈ x ¹³ / ₁₆	400
14 x 18 x 1	13 ⁷ / ₈ x 17 ⁷ / ₈ x ¹³ / ₁₆	525
14 x 20 x 1	13 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	575
14 x 24 x 1	13 ⁷ / ₈ x 23 ⁵ / ₈ x ¹³ / ₁₆	700
14 x 25 x 1	13 ⁷ / ₈ x 24 ⁵ / ₈ x ¹³ / ₁₆	725
14 x 30 x 1	13 ⁷ / ₈ x 29 ⁵ / ₈ x ¹³ / ₁₆	875
15 x 20 x 1	14 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	625
16 x 16 x 1	15 ⁷ / ₈ x 15 ⁵ / ₈ x ¹³ / ₁₆	525
16 x 20 x 1	15 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	650
16 x 24 x 1	15 ⁷ / ₈ x 23 ⁵ / ₈ x ¹³ / ₁₆	800
16 x 25 x 1	15 ⁷ / ₈ x 24 ⁵ / ₈ x ¹³ / ₁₆	825
18 x 18 x 1	17 ³ / ₈ x 17 ⁷ / ₈ x ¹³ / ₁₆	675
18 x 20 x 1	17 ⁷ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	750
18 x 24 x 1	17 ⁷ / ₈ x 23 ⁵ / ₈ x ¹³ / ₁₆	900
20 x 20 x 1	19 ⁵ / ₈ x 19 ⁵ / ₈ x ¹³ / ₁₆	825
20 x 24 x 1	19 ⁵ / ₈ x 23 ⁵ / ₈ x ¹³ / ₁₆	1000
20 x 25 x 1	19 ⁵ / ₈ x 24 ⁵ / ₈ x ¹³ / ₁₆	1025
20 x 30 x 1	19 ⁵ / ₈ x 29 ⁵ / ₈ x ¹³ / ₁₆	1250
24 x 24 x 1	23 ⁷ / ₁₆ x 23 ⁷ / ₁₆ x ¹³ / ₁₆	1200
8 x 24 x 1	7 ⁷ / ₈ x 23 ⁷ / ₈ x ³ / ₄	400
8 x 30 x 1	7 ⁷ / ₈ x 29 ⁷ / ₈ x ³ / ₄	500
10 x 10 x 1	9 ⁷ / ₈ x 9 ⁷ / ₈ x ³ / ₄	200
10 x 16 x 1	9 ⁷ / ₈ x 15 ⁵ / ₈ x ³ / ₄	325
10 x 24 x 1	9 ⁷ / ₈ x 23 ⁵ / ₈ x ³ / ₄	500
10 x 25 x 1	9 ⁷ / ₈ x 24 ⁵ / ₈ x ³ / ₄	500
10 x 36 ¹ / ₄ x 1	9 ⁷ / ₈ x 36 ¹ / ₄ x ³ / ₄	750
12 x 16 x 1	11 ⁷ / ₈ x 15 ⁵ / ₈ x ³ / ₄	400
12 x 18 x 1	11 ⁷ / ₈ x 17 ⁷ / ₈ x ³ / ₄	450
12 x 25 x 1	11 ⁷ / ₈ x 24 ⁵ / ₈ x ³ / ₄	625
12 x 36 x 1	11 ⁷ / ₈ x 35 ⁷ / ₈ x ³ / ₄	900
15 x 25 x 1	14 ⁷ / ₈ x 24 ⁵ / ₈ x ³ / ₄	775
15 x 30 x 1	14 ⁷ / ₈ x 29 ⁵ / ₈ x ³ / ₄	925
16 x 18 x 1	15 ⁷ / ₈ x 17 ⁷ / ₈ x ³ / ₄	600
16 x 22 ¹ / ₄ x 1	15 ⁷ / ₈ x 22 ¹ / ₄ x ³ / ₄	725
16 x 30 x 1	15 ⁷ / ₈ x 29 ⁵ / ₈ x ³ / ₄	1000
18 x 25 x 1	17 ⁷ / ₈ x 24 ⁵ / ₈ x ³ / ₄	925
18 x 30 x 1	17 ⁷ / ₈ x 29 ⁵ / ₈ x ³ / ₄	1125
18 x 30 x 1	18 x 30 x ³ / ₄	1125
19 x 22 x 1	18 ⁷ / ₈ x 21 ⁷ / ₈ x ³ / ₄	850
20 x 22 ¹ / ₄ x 1	19 ⁵ / ₈ x 22 ¹ / ₄ x ³ / ₄	925
22 x 22 x 1	21 ⁷ / ₈ x 21 ⁷ / ₈ x ³ / ₄	1000
24 x 30 x 1	23 ⁷ / ₁₆ x 29 ⁵ / ₈ x ³ / ₄	1500
25 x 25 x 1	24 ⁵ / ₈ x 24 ⁵ / ₈ x ³ / ₄	1300
25 x 30 x 1	24 ⁵ / ₈ x 29 ⁵ / ₈ x ³ / ₄	1550

StrataDensity® is a registered trademark of AAF International in the U.S. and other countries.



Bringing clean air to life.®

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AAF Flanders has a policy of continuous product research and improvement. We reserve the right to change design and specifications without notice.

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ISO Certified Firm

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