



*Better Air is Our Business®*

## **AmericanAirFilter® HeavyDuty™ P**

***Sturdy, Economical, Disposable Panel Filters  
with Expanded Metal Retainer***

Designed for general air filtration applications with light to medium dust loading conditions, AAF HeavyDuty™ P disposable panel filters are engineered for sturdy, economical performance and ease of use. Available in a wide range of sizes and two thickness configurations, these filters are used in all types of HVAC systems to protect the coils from dirt and as prefilters to extend the life of higher efficiency filters. HeavyDuty P filters offer superior strength and durability in any application.

### ***Disposable Panel Filters With Expanded Metal Retainer***

#### **High Arrestance Synthetic Media**

HeavyDuty P filters are constructed with heavy duty, premium grade synthetic media. An expanded metal retainer is bonded to the clean air side of each filter.

HeavyDuty P filter media is made from tough polyester fibers bonded with a fire retardant resin to form a high loft media structured for performance, economy, and long service life. The large amount of fiber surface area and complex maze of fiber intersections provides an intricate fiber structure which holds more dirt with less resistance.

#### **Frame Strength**

The one-piece frame design ensures corner integrity during handling, installation, and operation. It is made from durable, high strength chipboard that will stand up to harsh conditions.

Each HeavyDuty P filter is assembled with continuous beads of hot-melt adhesive applied to the frame's inside perimeter on both the air-entering and air-leaving sides, to firmly secure the pad/retainer assembly to the frame.

#### **Expanded Metal Retainers**

The expanded metal retainers used on the HeavyDuty P filters are corrosion-resistant. Expanded metal retainers are also safer to handle than "bottlecap" retainers that break easily and have sharp points and edges that can cut fingers and hands.



## HeavyDuty™ P

### Ordering Information

HeavyDuty™ P filters are available in a wide range of sizes to meet the specific needs of the wholesale industry; 1" and 2" thickness.

#### Standard Sizes - 1"

Nominal Size (Inches)	Actual Size (Inches)
8 x 20 x 1	7 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
8 x 28 x 1	7 <sup>7</sup> / <sub>8</sub> x 27 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
8 x 30 x 1	7 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
10 x 10 x 1	9 <sup>7</sup> / <sub>8</sub> x 9 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
10 x 20 x 1	9 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
10 x 24 x 1	9 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
10 x 30 x 1	9 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 12 x 1	11 <sup>7</sup> / <sub>8</sub> x 11 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 16 x 1	11 <sup>7</sup> / <sub>8</sub> x 15 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 18 x 1	11 <sup>7</sup> / <sub>8</sub> x 17 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 20 x 1	11 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 24 x 1	11 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 25 x 1	11 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 30 x 1	11 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
12 x 36 x 1	11 <sup>7</sup> / <sub>8</sub> x 35 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
14 x 20 x 1	13 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
14 x 24 x 1	13 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
14 x 25 x 1	13 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
14 x 30 x 1	13 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
15 x 20 x 1	14 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
15 x 25 x 1	14 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
15 x 30 <sup>5</sup> / <sub>8</sub> x 1	14 <sup>7</sup> / <sub>8</sub> x 30 <sup>1</sup> / <sub>2</sub> x 3 <sup>3</sup> / <sub>4</sub>
16 x 20 x 1	15 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
16 x 24 x 1	15 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
16 x 25 x 1	15 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
16 x 30 x 1	15 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
18 x 18 x 1	17 <sup>7</sup> / <sub>8</sub> x 17 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
18 x 20 x 1	17 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
18 x 24 x 1	17 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
18 x 25 x 1	17 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
18 x 30 x 1	17 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
20 x 20 x 1	19 <sup>7</sup> / <sub>8</sub> x 19 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
20 x 24 x 1	19 <sup>7</sup> / <sub>8</sub> x 23 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
20 x 25 x 1	19 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
20 x 30 x 1	19 <sup>7</sup> / <sub>8</sub> x 29 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
22 x 22 x 1	21 <sup>7</sup> / <sub>8</sub> x 21 <sup>7</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>
24 x 24 x 1	23 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>4</sub>
24 x 25 x 1	23 <sup>7</sup> / <sub>16</sub> x 24 <sup>7</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>4</sub>
24 x 30 x 1	23 <sup>7</sup> / <sub>16</sub> x 29 <sup>7</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>4</sub>
25 x 25 x 1	24 <sup>5</sup> / <sub>8</sub> x 24 <sup>5</sup> / <sub>8</sub> x 3 <sup>3</sup> / <sub>4</sub>

#### Standard Sizes - 2"

Nominal Size (Inches)	Actual Size (Inches)
10 x 20 x 2	9 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
12 x 20 x 2	11 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
12 x 24 x 2	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
14 x 20 x 2	13 <sup>3</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
14 x 25 x 2	13 <sup>3</sup> / <sub>8</sub> x 24 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
15 x 20 x 2	14 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 16 x 2	15 <sup>1</sup> / <sub>2</sub> x 15 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 20 x 2	15 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 24 x 2	15 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 25 x 2	15 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
18 x 24 x 2	17 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
18 x 25 x 2	17 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 20 x 2	19 <sup>1</sup> / <sub>2</sub> x 19 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 24 x 2	19 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 25 x 2	19 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>
24 x 24 x 2	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>
25 x 25 x 2	24 <sup>1</sup> / <sub>2</sub> x 24 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>

#### Nominal Special Sizes

Filters must be ordered in whole number nominal sizes, i.e., 10" x 20". Actual sizes are 3/8" less than nominal sizes for both height and width, i.e., 9 5/8" x 19 5/8". Minimum size available is 7" x 10" (nominal).

#### Exact Special Sizes

Filters must be ordered in the exact size required.

Minimum size available is 6 1/2" x 9 1/2". Maximum size available is 28" x 32" or 24" x 36". Call 888.AAF.2003 to order double filters for larger sizes.

### Operating Data

#### Underwriters Laboratories Classification

HeavyDuty P filters are UL Class 2.

Testing was performed according to UL standard 900 and CAN-4-S111.

#### Operating Temperature Limits

HeavyDuty P 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.

