



*Better Air is Our Business®*

**AmericanAirFilter®**

**AmerFrame®  
and RenuFrame™**

**Reduce Filter Maintenance Cost with an AAF  
Pad and Frame System**

*Pad holding frames are permanent metal frames designed to contain replaceable filter media pads. When the pads become fully loaded with dirt, they are inexpensively replaced with clean pads. Low cost AAF fiberglass or synthetic media pads can be replaced at far lower cost than framed disposable panel filters. The cost of the frames is quickly recovered after only a few change outs.*

### **AmerFrame Filter Media Frame**

#### **For Standard Commercial Service**

- 22-gauge, galvanized steel U-channel cell sides
- Expanded metal support grid
- 9-gauge hinged retainer gate
- 1" and 2" thicknesses
- Sized to fit in standard universal holding frames

The cell sides are made from a single piece of 22-gauge, galvanized steel U-channel. They are available in 1" and 2" thicknesses sized to fit inside 2" deep universal holding frames, or in 1" and 2" side access housing tracks.

A galvanized steel expanded metal grid welded to the air leaving side provides complete support for the media pad at high velocity or under turbulent conditions.

#### **Sealing Integrity**

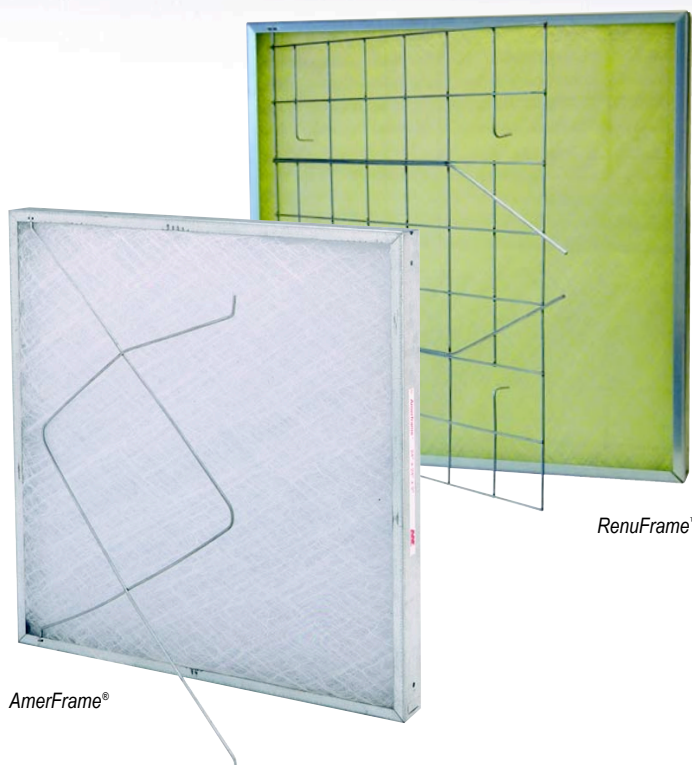
The pads cannot sag or blow out even when heavily loaded. The U-channel cell sides also form a seat around the entire perimeter of the frame to contain the pad and prevent leakage. These features prevent dirty air bypass.

#### **Frame Strength**

U-channel cell sides with a welded, expanded metal retainer result in a unitized, rigid construction that maintains square alignment over years of use without racking.

#### **Fast, Easy Pad Changing**

AmerFrames have a 9-gauge hinged retainer grid for easy access to the pads. The retainer can be easily opened. Permanently attaching the retainer to the cell sides prevents the grid from getting lost or damaged while changing pads.



### **(1) Standard Sizes**

Nominal Size (Inches)	Actual Size (Inches)
12 x 24 x 1	11 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
16 x 20 x 1	15 <sup>7</sup> / <sub>16</sub> x 19 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
16 x 25 x 1	15 <sup>7</sup> / <sub>16</sub> x 24 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
20 x 20 x 1	19 <sup>7</sup> / <sub>16</sub> x 19 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
20 x 25 x 1	19 <sup>7</sup> / <sub>16</sub> x 24 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
24 x 24 x 1	23 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>16</sub>
12 x 24 x 2	11 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 20 x 2	15 <sup>7</sup> / <sub>16</sub> x 19 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 25 x 2	15 <sup>7</sup> / <sub>16</sub> x 24 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 20 x 2	19 <sup>7</sup> / <sub>16</sub> x 19 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 24 x 2	19 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 25 x 2	19 <sup>7</sup> / <sub>16</sub> x 24 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>
24 x 24 x 2	23 <sup>7</sup> / <sub>16</sub> x 23 <sup>7</sup> / <sub>16</sub> x 1 <sup>3</sup> / <sub>4</sub>

*(1) Special size AmerFrames are available from 6" x 6" minimum size to 99" perimeter maximum size.*

## AmerFrame® and RenuFrame™

### RenuFrame Filter Media Frame

#### For Heavy Duty Industrial Service

- 18-gauge, galvanized steel U-channel cell sides
- 11-gauge wire retainers (both sides)
- Retainer with pad locking spikes
- Sized to fit in standard universal holding frames

The cell sides are made from 18-gauge, galvanized steel U-channel with full overlap corners for durable, rigid construction.

#### Engineered Tough

Designed for very heavy dirt loading in the toughest operating conditions, RenuFrames are sized to fit inside 2" deep universal holding frames and 2" side access housing tracks. They may also be bolted together into frame banks without the use of universal holding frames.

A retainer grid made of 11-gauge, galvanized steel wire rods is welded to the air leaving side to provide full support for the pad under all operating conditions. The U-channel cell sides also form a seat around the entire perimeter of the frame to contain the pad and prevent leakage. These features prevent dirty air bypass. Heavy duty U-channel cell sides with welded retainers maintain square alignment over years of use without racking. RenuFrame cell sides are pre-drilled to allow bolting or riveting the frames together.

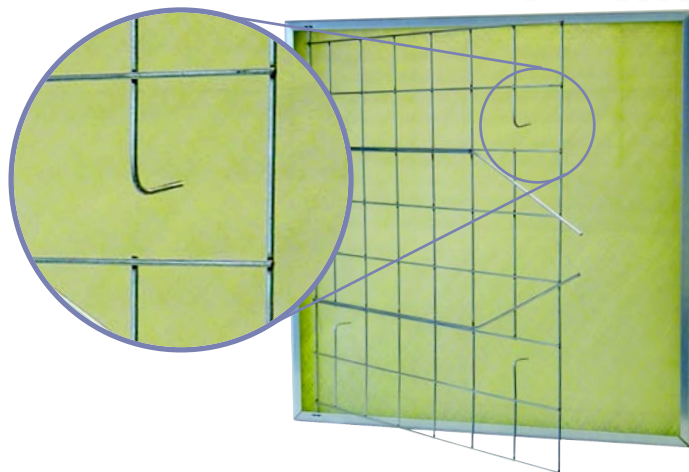
### Pad Locking Spikes Prevent Sagging

#### Rugged Construction

The retainer grid on the air entering side is also made of 11-gauge wire rods with four rods bent in to form spikes that penetrate the pad when the grid is closed. These pointed spikes secure the pad inside the frame to prevent moving, sagging or buckling, even in turbulent conditions. The retainer is hinged for easy access to the pad. Permanently attaching the retainer to the cell sides prevents the grid from getting lost or damaged while changing pads.

### Select from a Wide Variety of AAF Air Filter Media

Meet the air cleaning performance and cost considerations of any filtration application with one of AAF International's full line of fiberglass or synthetic media. AAF pad and frame filter media selection offers versatility, performance, and economy.



Spikes on the retainer grid hold the pad securely inside the frame.

### (1) Standard Sizes

Nominal Size (Inches)	Actual Size (Inches)
12 x 24 x 2	11 <sup>15</sup> / <sub>32</sub> x 23 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 20 x 2	15 <sup>15</sup> / <sub>32</sub> x 19 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
16 x 25 x 2	15 <sup>15</sup> / <sub>32</sub> x 24 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 20 x 2	19 <sup>15</sup> / <sub>32</sub> x 19 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 24 x 2	19 <sup>15</sup> / <sub>32</sub> x 23 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
20 x 25 x 2	19 <sup>15</sup> / <sub>32</sub> x 24 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>
24 x 24 x 2	23 <sup>15</sup> / <sub>32</sub> x 23 <sup>15</sup> / <sub>32</sub> x 1 <sup>3</sup> / <sub>4</sub>

(1) Special size RenuFrames are not available.  
Use AmerFrame for special sizes.

Media Type	Application	Media Thickness
<b>FrontLine™ Fiberglass</b> (See Bulletin AFP-1-228)		
Gold	Extra heavy dirt loading top-of-the-line performance	1", 2"
Blue	Medium to heavy dirt loading	1", 2"
Green	Light dirt loading	1/2", 1", 2"
Red	High temperature, U.L. Class 1	2"
<b>PolyKlean™ Synthetic</b> (See Bulletin AFP-1-264)		
Gold	Extra heavy dirt loading (Antimicrobial)	1", 2"
Blue	Extra to heavy dirt loading	1/2", 1", 2"
Green	Light to medium dirt loading	1/2", 1", 2"
<b>Specialized Applications</b>		
AG-28-Fiberglass (See Bulletin AFP-1-106)	Paint overspray/Coatings collection	2"
SureStop-Expanded Paper (See Bulletin AFP-1-204)	Paint overspray/Coatings collection	1"
AmerKool (M-81)-Fiberglass	Sensible moisture	3"
AmerKleen (M-80)-Fiberglass	Extremely heavy dirt loading	4"



Better Air is Our Business®

10300 Ormsby Park Place Suite 600  
Louisville, Kentucky 40223-6169  
www.aafintl.com

Customer Service 888.AAF.2003  
Fax 888.223.6500

ISO Certified 9001:2000

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

©2008 AAF International  
AFP-1-113D MAR '08 QG 3M