



915TFG  
Fixed 45° Bar Blade T-Bar Filter Grille

57 **TBAR**



915FG  
Fixed 45° Bar Blade Filter Grille

117 **SM**

## LOUVERED FILTER GRILLE



105FG  
Stamped Face T-Bar Filter Grille

58 **TBAR**

## PERFORATED FILTER GRILLE



105PFG  
Perforated T-Bar Filter Grille

52 **TBAR**



600PTFG  
Perforated T-Bar Filter Grille with Frame

53 **TBAR**



620PFG  
Perforated Filter Grille

112 **SM**

## ALUMINUM LATTICE FILTER GRILLE



600TFG  
Aluminum Lattice T-Bar Filter Grille with Extruded Aluminum Frame

54 **TBAR**



620FG  
Aluminum Lattice Filter Grille

112 **SM**

## LINEAR DIFFUSERS AND GRILLES



Linear Bar Diffusers and Grilles

129



Linear-SS  
Stainless Steel Linear Bar Grille

246



LSD  
Linear Slot Diffusers

135



LSD-SS  
Stainless Steel Linear Slot Diffuser

247

# LOUVERED T-BAR FILTER GRILLE



## 105FG Stamped Face T-Bar Filter Grille

### Standard Features:

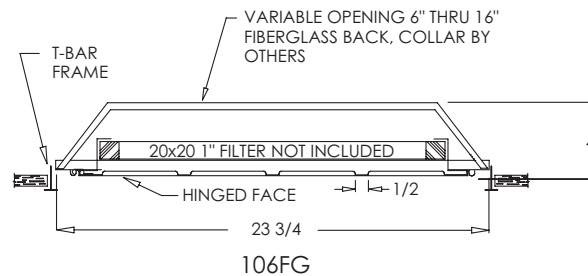
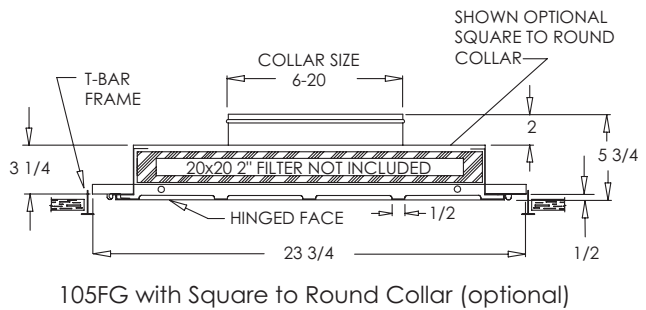
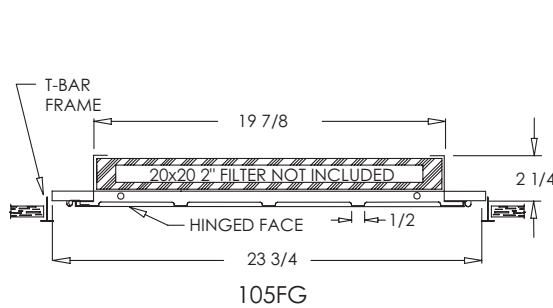
- Stamped dual angular louvers with 1/2" spacing for strength and maximum free area
- Hinged removable face set in an outer T-Bar filter frame
- Hand operated lever for easy filter access
- Square collar designed for 20" × 20" duct
- Holds up to a 2" filter (not included)
- Rust resistant pre-coat with durable powder finish
- Soft White

### Options:

- Preformed, contour molded fiberglass back with a foil barrier backing, accepts 6"–16" collars (collars by others.) Holds up to 1" filter.

### MODEL: 106FG

- 2" ADC compliant round collar with bead for ease of installation



## Performance Data: 105FG Series

Neck Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM)	300	400	500	600	700	800	900	1000
		Velocity Pressure	.018	.032	.048	.070	.092	.120	.140	.160
		CFM	530	706	883	1060	1236	1413	1589	1766
20×20	1.766	NC	<20	<20	<20	<20	<20	20-25	25	25-30



### Performance Notes:




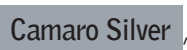

1 Additional performance data for sizes not listed is available at [www.shoemakermfg.com](http://www.shoemakermfg.com)

2 Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006

## POWDER COAT PAINT

Shoemaker uses a baked-on textured polyester powder coat paint with a rust-resistant prohibitive pre-coat. Powder coat paint is an extremely durable finish and holds up well to the stress of shipping, installation, general wear and aging. This finish resists the peeling, cracking, chipping, fading and other problems associated with e-dip and other painting methods. Powder coat paint also serves as an excellent primer when final paint color is applied in the field.

Shoemaker's standard paint colors are  **Soft White** and  **Driftwood Tan**.

 Designer color finishes (additional charge) include:  **Almond**,  **Navajo White**,  **Vanilla**,  **Coffee Tan**,  **Camaro Silver**,  **Bronze** and  **Black Velvet**. Paint samples available upon request.

 **Aluminum Paint** (additional charge) closely replicates a cleaned aluminum finish with the added benefits of powder coat paint.

Additional paint colors available by quote, extended leadtimes and additional charges apply. Contact customer service.

## SATIN ANODIZED

Satin anodized aluminum extrusions best described as a polished aluminum look. Factory cleaned. Available on products where noted.

Additional anodizing options available by quote, extended leadtimes and additional charges apply. Contact customer service.

## MILL FINISH

Raw (no finish), factory cleaned.

## GALVANIZED FINISH

Steel with protective zinc coating. Factory cleaned. Closely matches finish of galvanized spiral pipe.

## STAINLESS STEEL

Stainless steel available where noted.

**TYPE 304 STAINLESS STEEL:** Type 304 stainless steels can meet a wide variety of physical requirements, making them excellent materials for applications including auto molding and trim, wheel covers, kitchen equipment, hose clamps, springs, truck bodies, exhaust manifolds, stainless flatware, storage tanks, pressure vessels and piping.

The 18% chromium, 8% nickel, provides good resistance to moderately acidic or caustic solutions. Type 304 may be considered to perform similarly in most non-severe applications. A notable exception is in the case of welding. Low carbon (304L) is the recommended alloy and provides increased resistance to intergranular corrosion.

**TYPE 316 STAINLESS STEEL:** Type 316 alloy is a molybdenum bearing stainless steel. It has a greater resistance to chemical attack than the 304 family. Type 316 is durable, easy to fabricate, clean, weld and finish. It has superior corrosion resistance when exposed to many types of chemical corrosives such as sea water, brine solutions, and the like.

The addition of 2% molybdenum makes Type 316 considerably more resistant to corrosion and oxidation than the 304 family of alloys.