



**HOEMAKER**  
MANUFACTURING

Quality Grilles, Registers and Diffusers Since 1947



# RESIDENTIAL CATALOG

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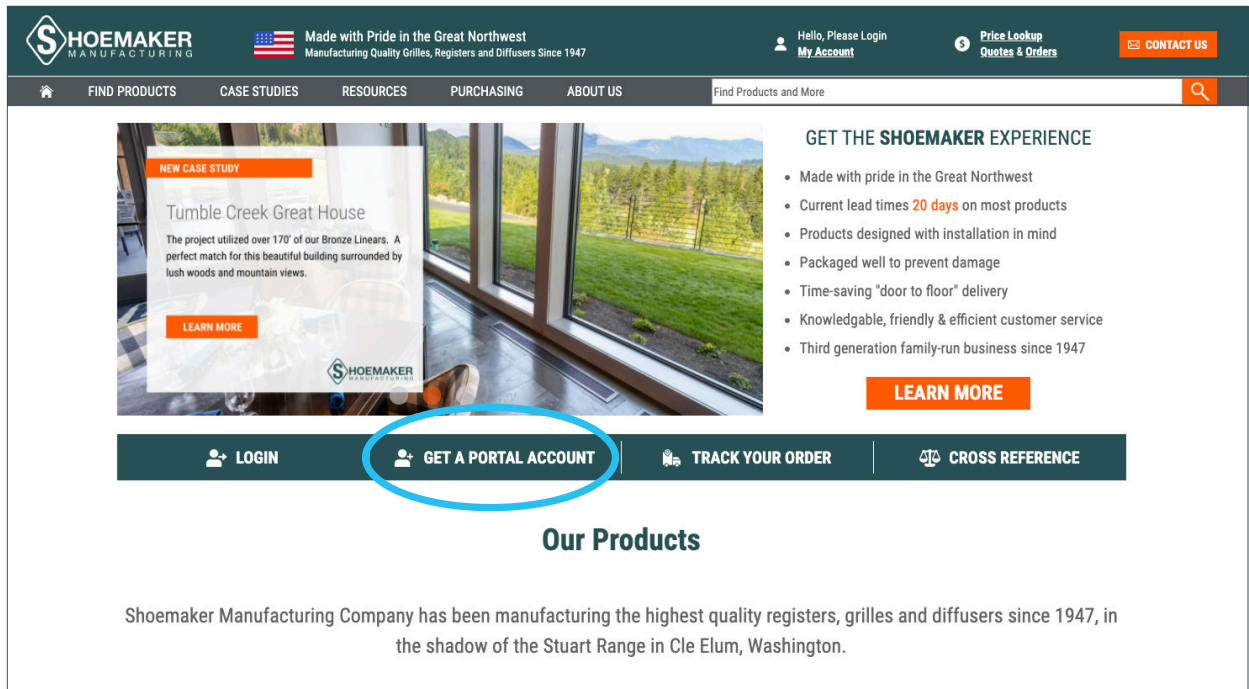
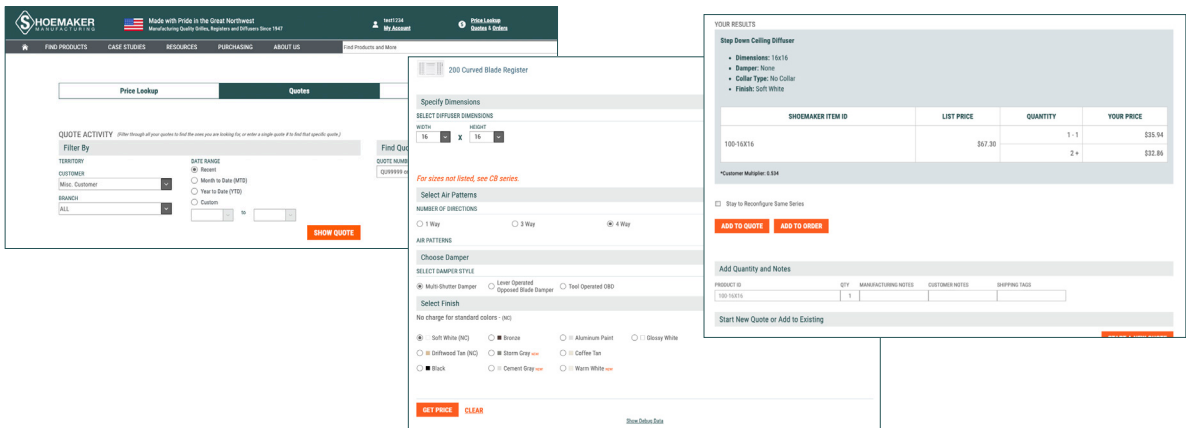
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# The Shoemaker Website Provides the Most Accurate and Up to Date Product Info

- ✔ Configure products to learn sizing and options
- ✔ Track status of quotes and orders
- ✔ Get pricing on fractional dimensions, designer colors, options like air patterns and dampers...build the product you want!



✔ Don't have a Portal Account?  
It's easy to get one!

✔ Just click on the "Get Portal Account" button on the home page of Shoemaker's website.

**SHOEMAKER COLORS**

**New! Designer Colors  
Now Easy, Fast and  
Affordable!**

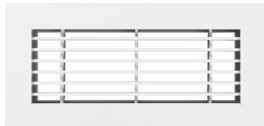
We've installed a brand new state-of-the-art paint line in our factory, which means Designer Colors are now EASY, FAST and AFFORDABLE!

We've also updated our Designer Colors so that any color you choose will complement your interior design, be it traditional, rustic, contemporary or modern! Shoemaker grilles, registers and diffusers will look great in every room in your house.

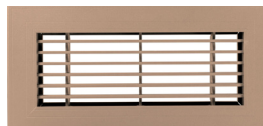
**The Benefits of  
Shoemaker's Powder  
Coat Paint**

Shoemaker uses a baked-on textured polyester powder coat paint with a rust-resistant 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.

**STANDARD COLORS - NO CHARGE**

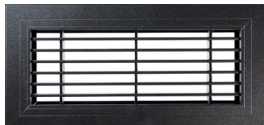


SOFT WHITE



DRIFTWOOD TAN

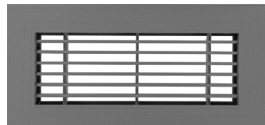
**DESIGNER COLOR FINISH – EXTRA CHARGE**



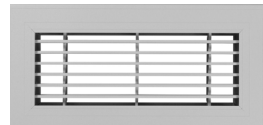
BLACK



BRONZE



STORM GRAY



CEMENT GRAY



ALUMINUM PAINT



COFFEE TAN



WARM WHITE



GLOSSY WHITE



FOR A MORE RELIABLE WAY TO CHOOSE:

**Paint Sample Chips**

Contact Your Manufacturer's Rep  
or Shoemaker Inside Sales

1.866.940.0696

or email us: [sm@shoemakermfg.com](mailto:sm@shoemakermfg.com)



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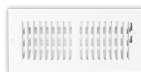
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Baseboard Return Air Grille  
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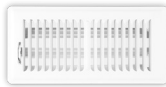
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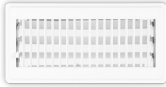
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**LINEAR BAR SERIES**  
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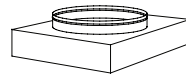
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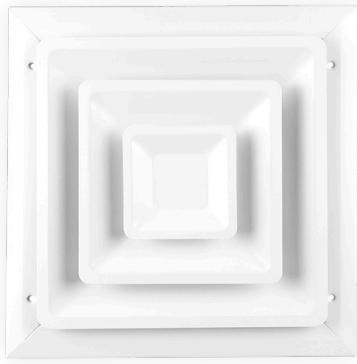
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**DESIGNER COLORS**  
Registers, Grilles & Diffusers in  
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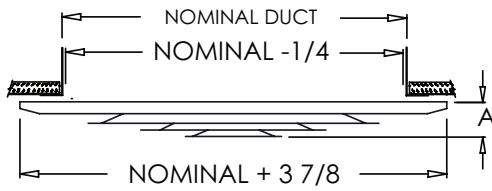
## 100 Step Down Ceiling Diffuser

### STANDARD FEATURES:

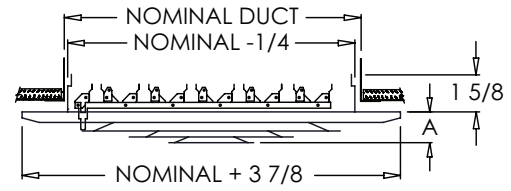
- Step-down core designed for 4-way uniform air distribution
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

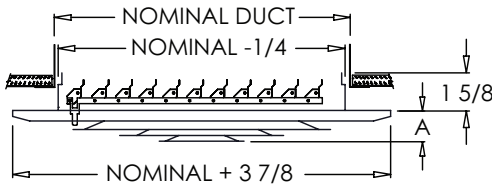
- Lever operated multi-shutter damper (100 - D)
- Lever operated opposed blade damper (100 - O)
- 2" round collar



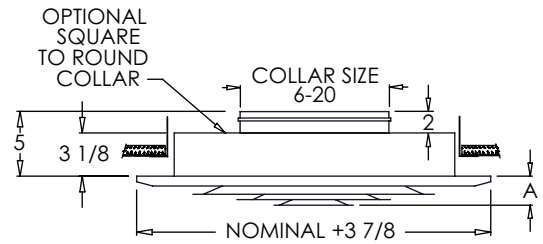
100



100-O



100-D



100 with 2" collar

### 100 Series Dimensions

	6x6"	8x8"	10x10"	12x12"	14x14"	16x16"	18x18"	20x20"	24x24"
<b>SIZE</b>	6x6"	8x8"	10x10"	12x12"	14x14"	16x16"	18x18"	20x20"	24x24"
<b>DIM. A</b>	1 1/4"	1 1/4"	1 5/8"	2"	2 1/4"	2 3/4"	3"	3"	3 1/4"

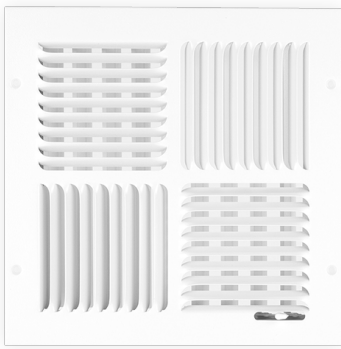
## 150 4-Way Stamped Ceiling Register

### STANDARD FEATURES:

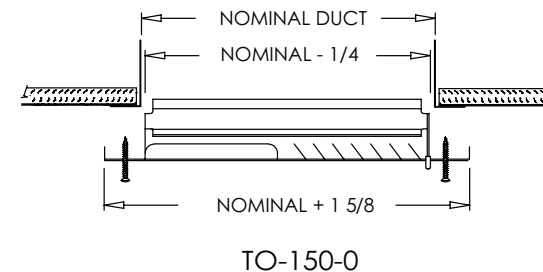
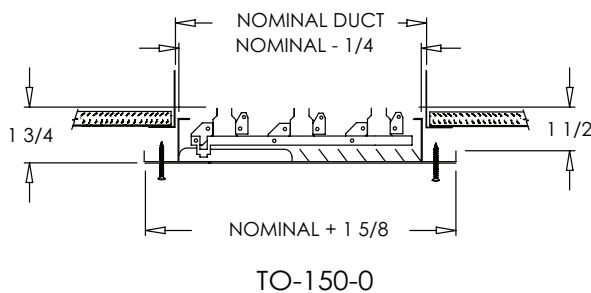
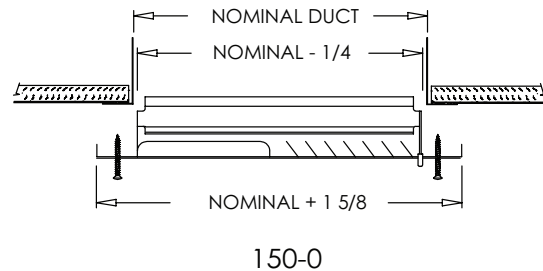
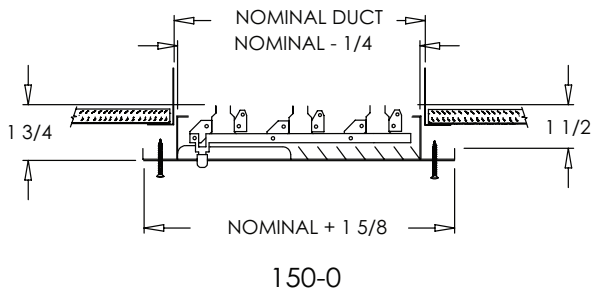
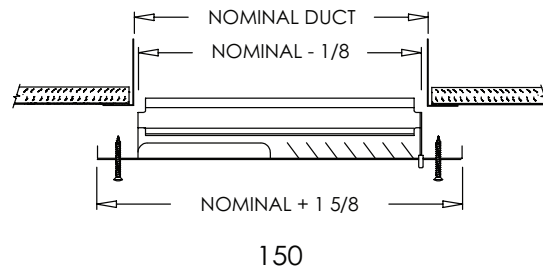
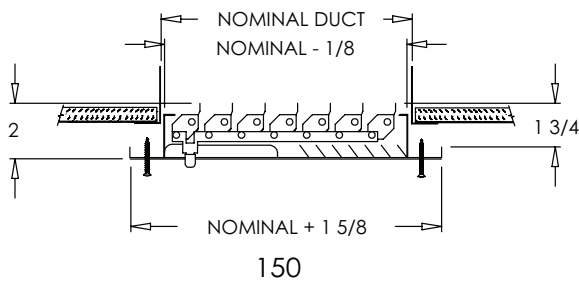
- 4-way ceiling register with stiffened 1/2" fan shaped louvers for quiet operation
- Lever operated multi-shutter damper
- Design protects damper operation mechanism from contact with duct work
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

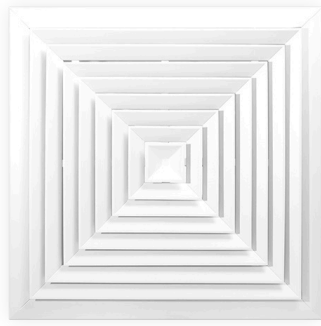
- Diffuser only, no damper (151)
- Lever operated opposed blade damper (150 - 0)
- Tool operated opposed blade damper (TO - 150 - 0)
- 2" round collar



Inset shows adjustment mechanism on tool operated (TO) product

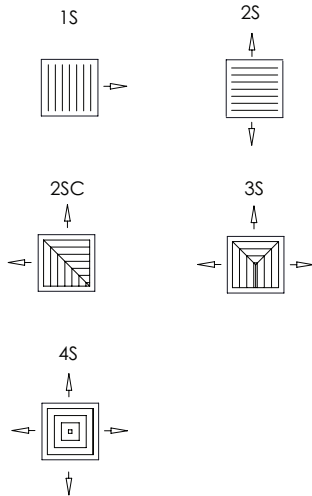




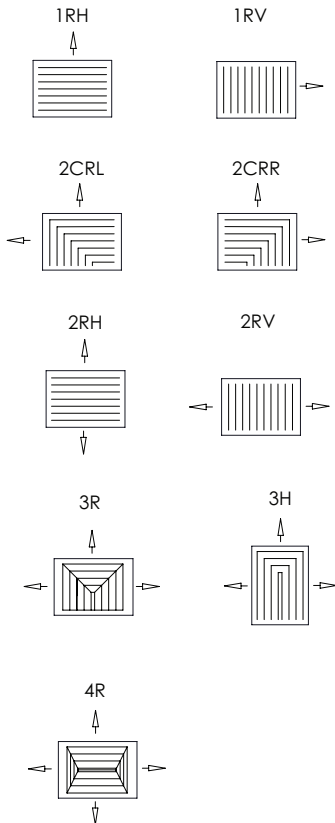


**AIR PATTERNS**

DVD Square Air Patterns



DVD Rectangular Air Patterns



**DVD Square & Rectangular Ceiling Directional Diffuser**

**STANDARD FEATURES:**

- Directional volume diffuser
- Designed to handle high volumes of air with horizontal flow
- 15 air patterns available
- Square collar
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

**AIR PATTERN 4S, SIZES 6×6 THROUGH 16×16:**

- Extruded aluminum surface mount frame with signature line marks
- 4-way removable steel molded core diffuser
- Available in square sizes only

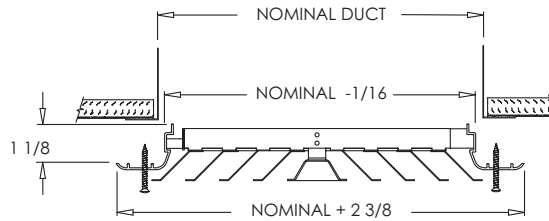
**ALL OTHER AIR PATTERNS AND SIZES:**

- Steel formed frame
- Individual formed blades welded together to make fixed core diffuser pattern
- Available in square or rectangular sizes

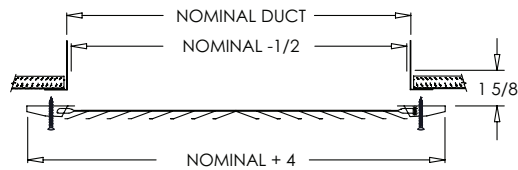
**OPTIONS:**

- Deep ceiling frame (steel) with concealed mounting holes  
MODEL: DVD-DCF
- Concealed mounting holes  
MODEL: DVD-CM
- Recessed screwdriver operated Opposed Blade Damper  
MODEL: DVD-O / DVD-O-DCF
- 2" round collar

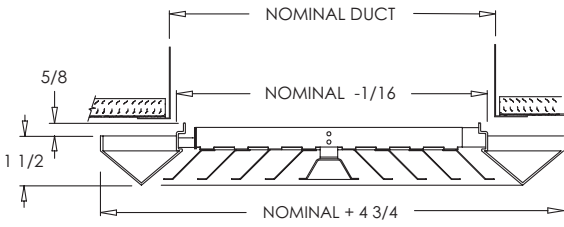
**DVD (4S)**



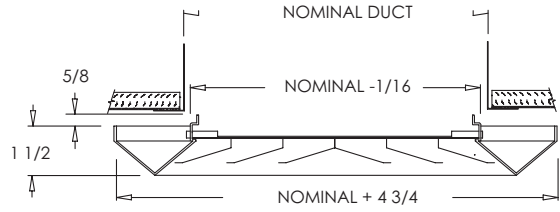
**DVD (other air patterns and sizes)**



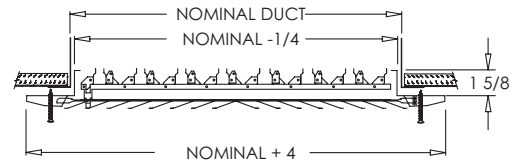
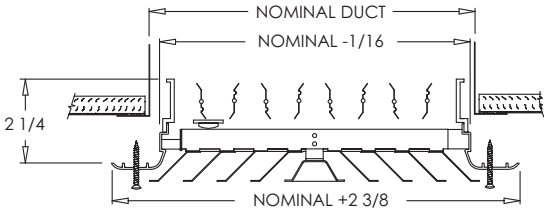
DVD-DCF (4S)



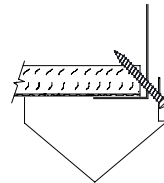
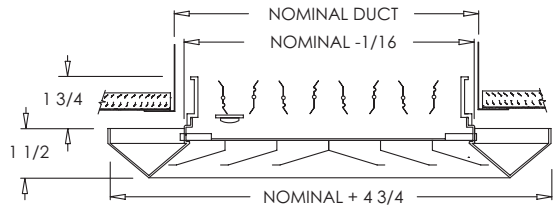
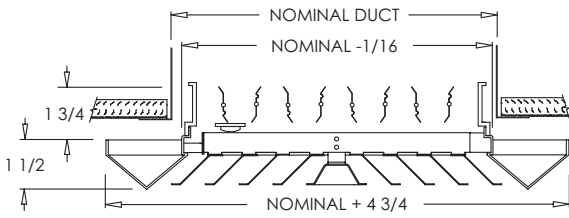
OTHER AIR PATTERNS



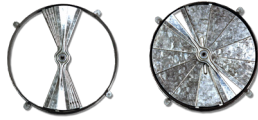
DVD-0 (4S)



DVD-0-DCF (4S)



DVD-DCF  
Concealed Mount



Open

Closed

91

## 90 Step-Down Round Ceiling Diffuser

### STANDARD FEATURES:

- Attractive concentric ring deflects air stream 360°
- Steel construction
- Ideal for residential and light commercial application
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

### 91 Series—Round Bowtie Damper

### STANDARD FEATURES:

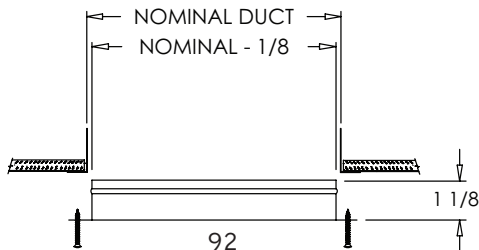
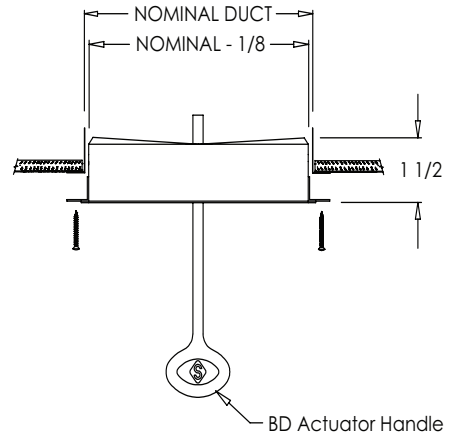
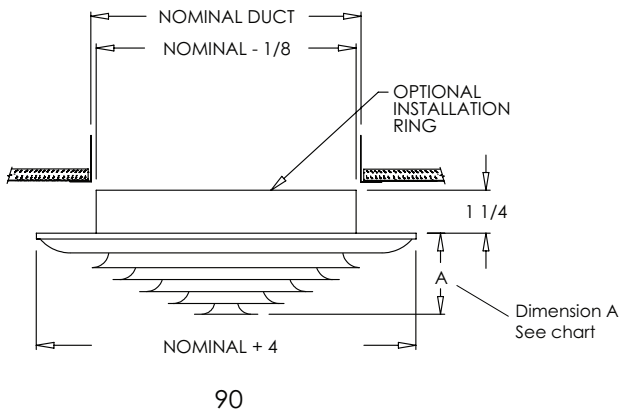
- Field installable bowtie damper with round ring
- Available 6, 8, 10, 12 & 14"
- Mill finish

### 92 Series—Round Ring

### STANDARD FEATURES:

- Use for applications with round ductwork to create a clean and easy to install finish for round 90 Series
- Steel construction
- Mill finish

Size	Dim (A)
6"	1 1/2"
8"	1 3/4"
10"	2 1/4"
12"	2 1/2"
14"	2 3/4"





203 shown



Inset shows adjustment mechanism on tool operated (TO) product

## 200 Curved Blade Register

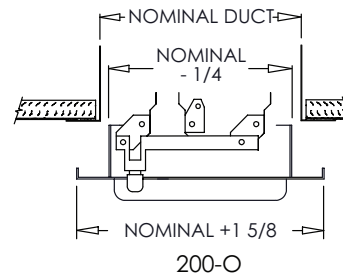
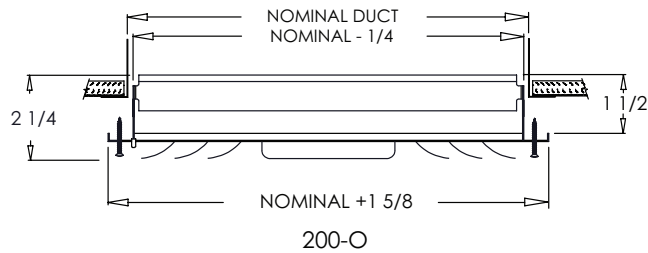
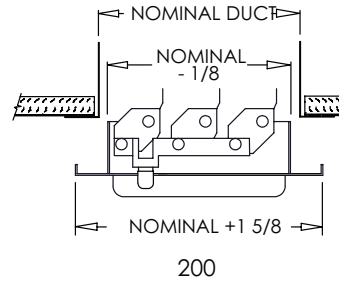
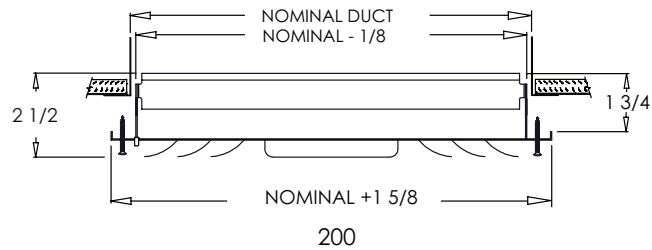
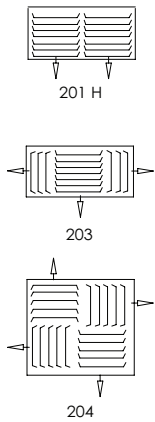
### STANDARD FEATURES:

- Stamped curved blades provide uniform air distribution across ceiling or walls
- Eight air patterns
- Lever operated multi-shutter damper
- Design protects damper operation mechanism from contact with duct work
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

- Lever operated opposed blade damper (200-0)
- Tool operated opposed blade damper (TO - 200 - 0)
- 2" round collar (square sizes only)

### AIR PATTERNS





## SCB Adjustable Steel Curved Blade Diffuser

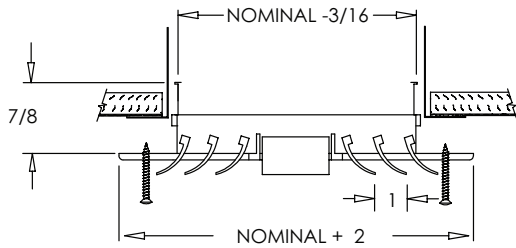
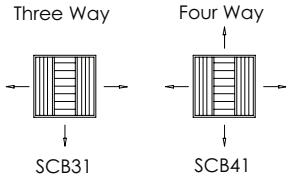
### STANDARD FEATURES:

- One piece steel frame
- Adjustable steel curved blades
- Nylon bushings on adjustable blades allow for easy adjustment, and prevents metal on metal rattle for quiet operation
- Lever operated multi-shutter damper
- Design protects damper operation mechanism from contact with duct work
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

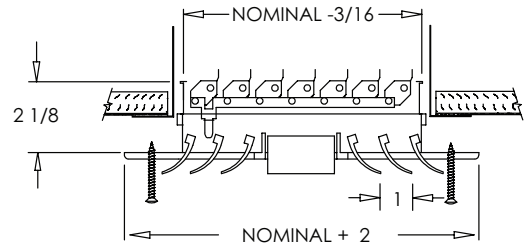
### OPTIONS:

- 4-way or 3-way air patterns available (see SCB Air Patterns)
- Screwdriver operated opposed blade damper (SCB31 - 0 or SCB41 - 0)
- Diffuser only, no damper (SCB32 or SCB42)
- 2" round collar (square sizes only)

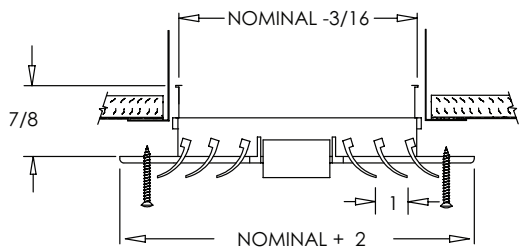
### AIR PATTERNS



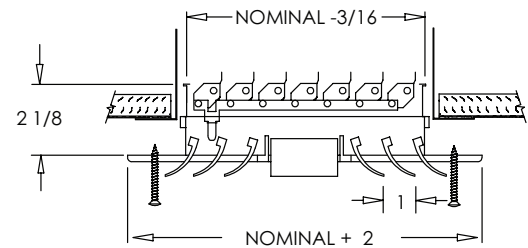
SCB 42



SCB 41



SCB 32



SCB 31

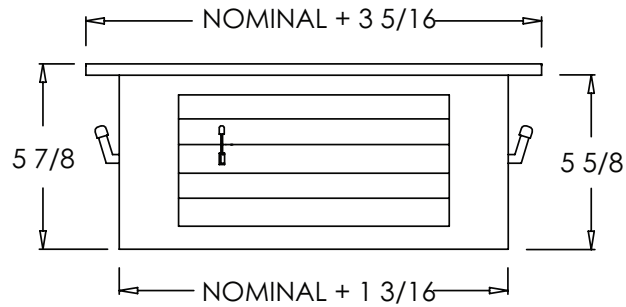


## 400 4-Way Ceiling Evaporative Cooler Box

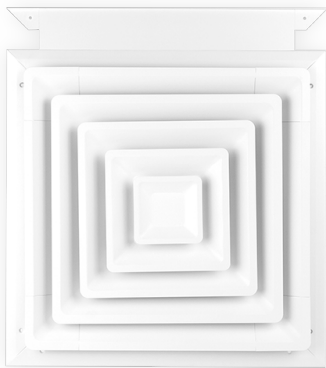
### STANDARD FEATURES:

- Steel galvaneal construction
- Designed for large volume air delivery
- For evaporative coolers or central blower systems
- Adjustable directional dampers with shut-off
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**   



400

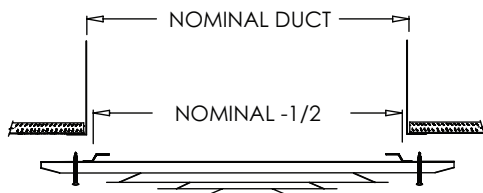


## 425 Step Down Ceiling Diffuser with Slide-in Damper

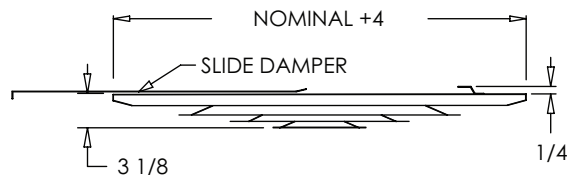
### STANDARD FEATURES:

- Steel galvaneal construction
- For evaporative coolers or central blower systems
- Modern step-down design
- 4-way air pattern
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- One-piece removable slide-in damper for off season closure
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**   



425



425

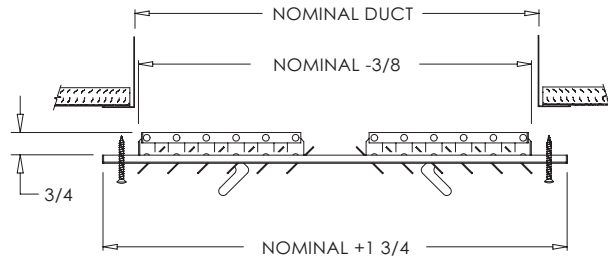


## 450 High-Velocity Multi-Louver Flush Diffuser

### STANDARD FEATURES:

- All steel galvaneal construction
- For evaporative cooling or high velocity exhaust applications
- Divided 2-way multi-louver and combination shut-off
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:



450



Stamped Deluxe Floor Register (350) shown from our Storm Gray Collection



Inset shows adjustment mechanism on tool operated (TO) product

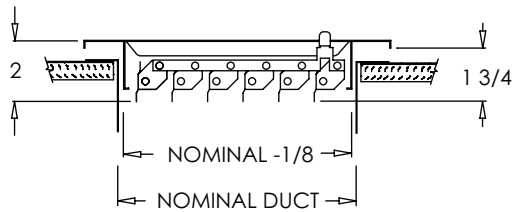
## 845 3-Way Stamped Register

### STANDARD FEATURES:

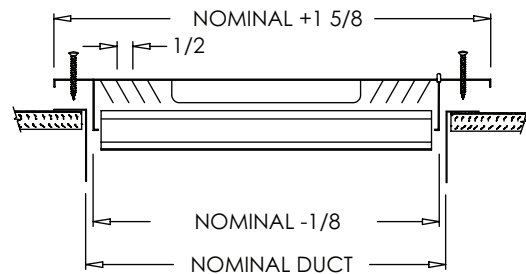
- 3-way register with stiffened 1/2" fan shaped louvers for quiet operation
- For ceiling or sidewall applications
- Lever operated multi-shutter damper
- Design protects damper operation mechanism from contact with duct work
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

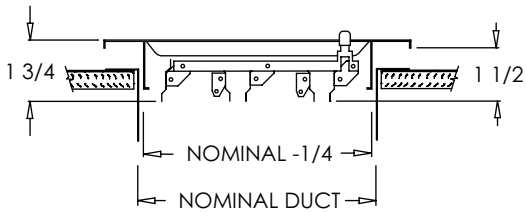
- Lever operated opposed blade damper (845 - 0)
- Tool operated opposed blade damper (TO - 845 - 0)



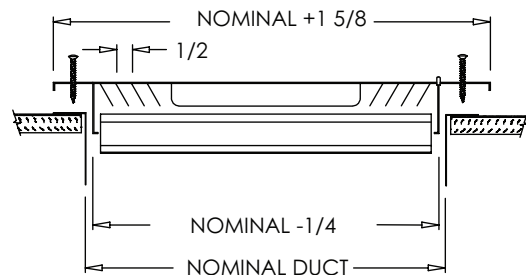
845



845

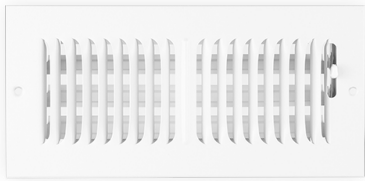


845-O



845-O





Inset shows adjustment mechanism on tool operated (TO) product

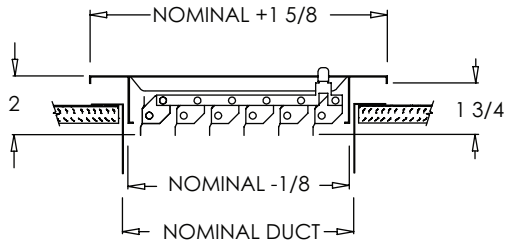
## 850 2-Way Stamped Register

### STANDARD FEATURES:

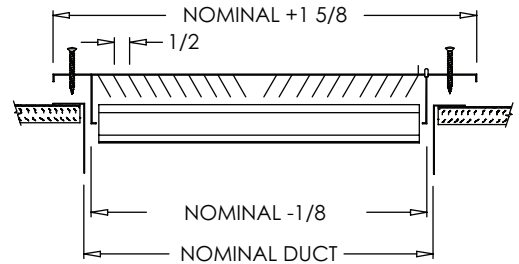
- 2-way register with stiffened 1/2" fan-shaped louvers for quiet operation
- For ceiling or sidewall applications
- Lever operated multi-shutter damper
- Design protects damper operation mechanism from contact with duct work
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

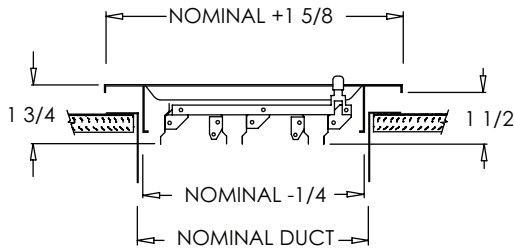
- Lever operated opposed blade damper (850 - O)
- Tool operated opposed blade damper (TO - 850 - O)



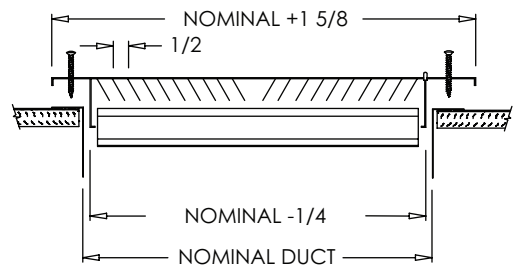
850



850



850-O



850-O



Inset shows adjustment mechanism on tool operated (TO) product

## 945 Adjustable Blade 3 or 4-Way Register

### STANDARD FEATURES:

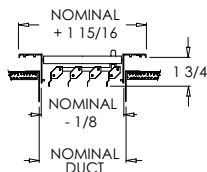
- Adjustable blades oriented for 3 or 4-way airflow
- One piece stamped steel frame on most common sizes, alternate frame is extruded aluminum with signature line marks
- Designed for ceiling or sidewall applications
- Nylon bushings on adjustable blades allow for easy adjustment, and prevents metal on metal rattle for quiet operation
- Lever operated steel multi-shutter damper
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

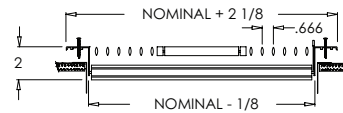
- Lever operated opposed blade damper (945 - 0)
- Tool operated opposed blade damper (TO - 945 - 0)

Dimensions may vary on non-standard sizes. See website or portal for more details.

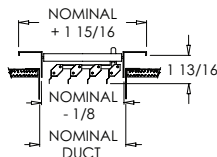
Stamped Steel One Piece Frame Sizes			
6 x 6	10 x 6	12 x 12	14 x 14
8 x 4	10 x 10	14 x 4	16 x 6
8 x 6	12 x 4	14 x 6	16 x 8
8 x 8	12 x 6	14 x 8	18 x 6
10 x 4	12 x 8	14 x 10	18 x 8



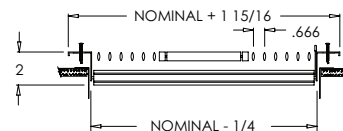
945 (Extruded Aluminum Frame)



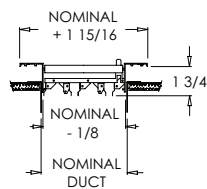
945 (Extruded Aluminum Frame)



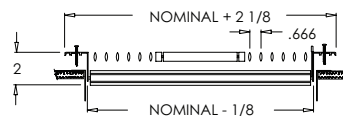
945 (Stamped Steel One Piece Frame)



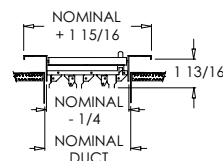
945 (Stamped Steel One Piece Frame)



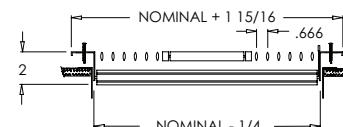
945-O (Extruded Aluminum Frame)



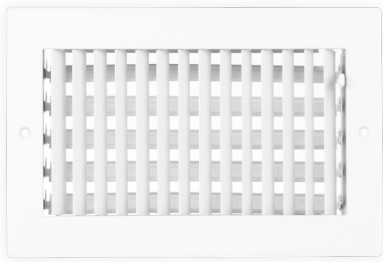
945-O (Extruded Aluminum Frame)



945-O (Stamped Steel One Piece Frame)



945-O (Stamped Steel One Piece Frame)



Inset shows adjustment mechanism on tool operated (TO) product

## 950 Adjustable Aluminum Airfoil Blade Register

### STANDARD FEATURES:

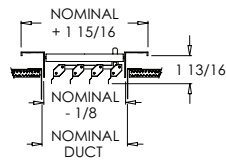
- Adjustable aluminum airfoil blades oriented for 1 or 2-way airflow pattern
- Blades parallel to shortest dimension
- One piece stamped steel frame on most common sizes, alternate frame is extruded aluminum with signature line marks
- Lever operated multi-shutter damper
- Designed for ceiling or sidewall applications
- Nylon bushings on adjustable blades allow for easy adjustment, and prevents metal on metal rattle for quiet operation
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

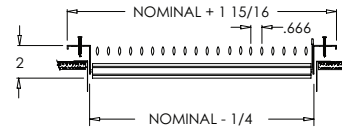
- Lever operated opposed blade damper (950 - 0)
- Tool operated opposed blade damper (TO - 950 - 0)

### Stamped Steel One Piece Frame Sizes

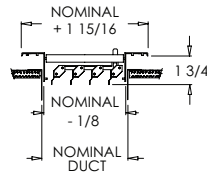
6 x 6	10 x 6	12 x 12	14 x 14
8 x 4	10 x 10	14 x 4	16 x 6
8 x 6	12 x 4	14 x 6	16 x 8
8 x 8	12 x 6	14 x 8	18 x 6
10 x 4	12 x 8	14 x 10	18 x 8



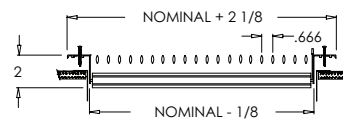
950 (Stamped Steel One Piece Frame)



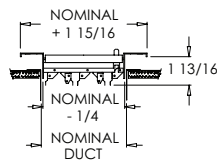
950 (Stamped Steel One Piece Frame)



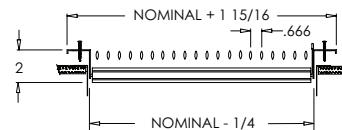
950 (Extruded Aluminum Frame)



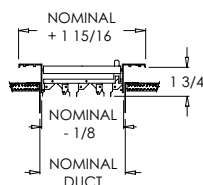
950 (Extruded Aluminum Frame)



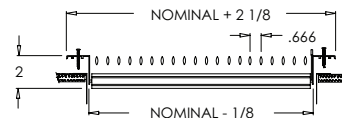
950-O (Stamped Steel One Piece Frame)



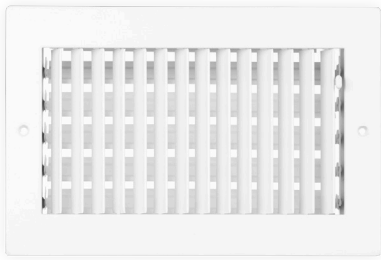
950-O (Stamped Steel One Piece Frame)



950-O (Extruded Aluminum Frame)



950-O (Extruded Aluminum Frame)



Inset shows adjustment mechanism on tool operated (TO) product

## 951 Adjustable Steel Blade Register

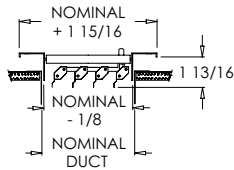
### STANDARD FEATURES:

- Adjustable steel roll formed blades oriented for 1 or 2-way airflow
- Blades parallel to shortest dimension
- One piece stamped steel frame on most common sizes, alternate frame is extruded aluminum with signature line marks
- Lever operated multi-shutter damper
- Designed for ceiling or sidewall applications
- Nylon bushings on adjustable blades allow for easy adjustment, and prevents metal on metal rattle for quiet operation
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

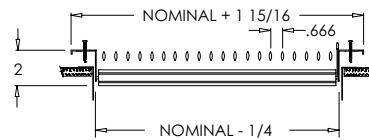
### OPTIONS:

- Lever operated opposed blade damper (951 - 0)
- Tool operated opposed blade damper (TO - 951 - 0)

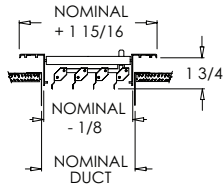
Stamped Steel One Piece Frame Sizes			
6 x 6	10 x 6	12 x 12	14 x 14
8 x 4	10 x 10	14 x 4	16 x 6
8 x 6	12 x 4	14 x 6	16 x 8
8 x 8	12 x 6	14 x 8	18 x 6
10 x 4	12 x 8	14 x 10	18 x 8



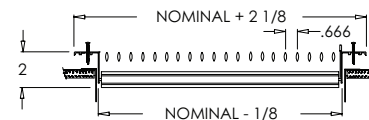
951 (Stamped Steel One Piece Frame)



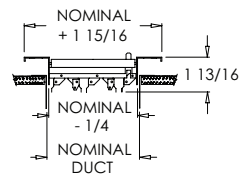
951 (Stamped Steel One Piece Frame)



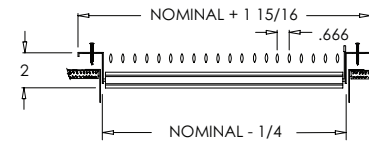
951 (Extruded Aluminum Frame)



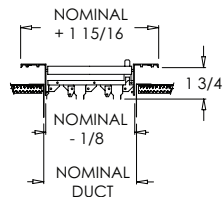
951 (Extruded Aluminum Frame)



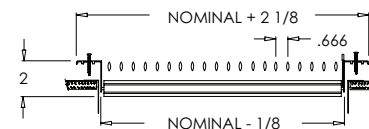
951-O (Stamped Steel One Piece Frame)



951-O (Stamped Steel One Piece Frame)



951-O (Extruded Aluminum Frame)



951-O (Extruded Aluminum Frame)



Standard Colors



Designer Colors



Satin Anodized



Expedited Service



1050

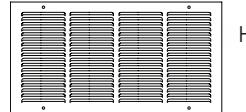
## 1050 Return Air Grille

### STANDARD FEATURES:

- 1/2" spacing dual angular louvers
- Stamped from cold-rolled steel
- Install with louvers in up or down position for best duct concealment
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Louvers parallel to width – see diagram below
- Soft White

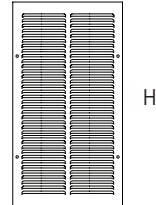
### OPTIONS:

- Aluminum construction (A - 1050)
- Reinforced mullions with welded supports (heavy duty -1075)



W

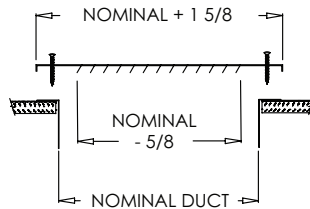
ex: 1050-20x10



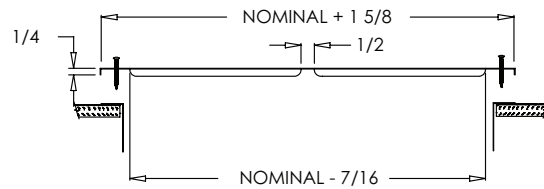
H

W

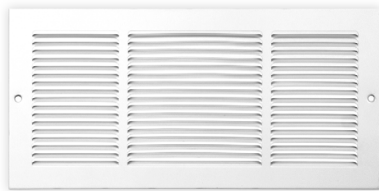
ex: 1050-10x20



1050/1075



1050/1075

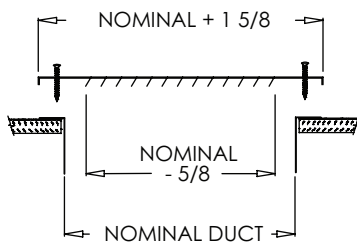


## 1033 Return Air Grille (1/3 in. spacing)

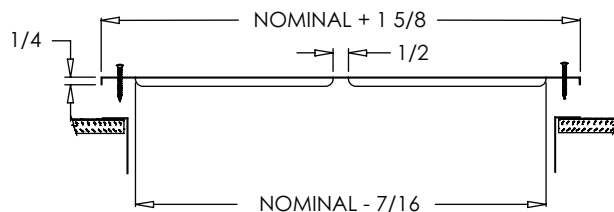
### STANDARD FEATURES:

- 1/3" spacing dual angular louvers
- Stamped from cold-rolled steel
- Install with louvers in up or down position for best duct concealment
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Soft White

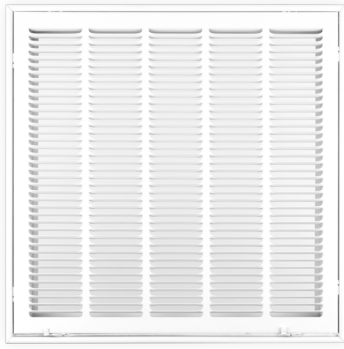
### OPTIONS:



1033



1033

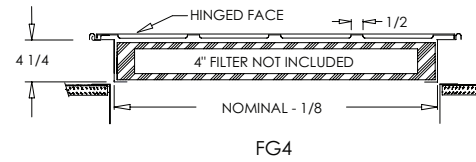
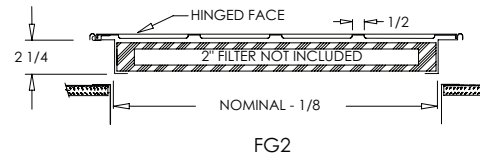
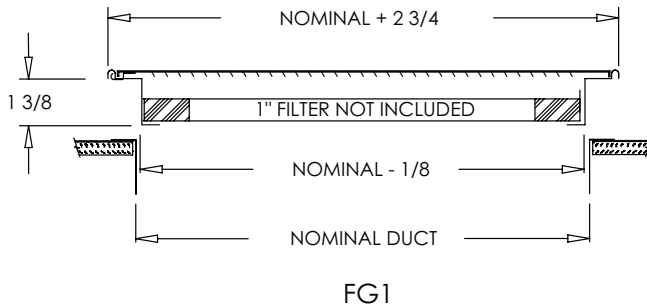


## FG Stamped Face Filter Grille

### STANDARD FEATURES:

- 1/2" spacing dual angular louvers for strength and maximum free area
- Stamped steel face with roll formed frame
- Hinged removable face with hinges parallel to longest side
- Hand operated lever for easy filter access and cleaning
- 4-way reversible door on square sizes
- 2-way reversible door on rectangular sizes
- Concealed mounting holes with mounting screws
- Holds up to a 1", 2" or 4" filter (not included) with filter retention tabs (FG1, FG2, FG4)
- Phillips Pozidriv installation screws included
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:



FILTER GRILLES SIDE VIEW 1", 2", 4"



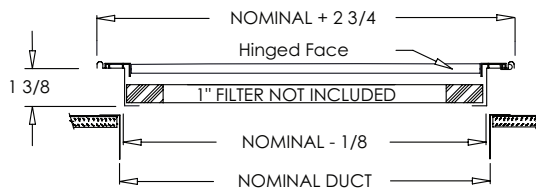
## 935FG Fixed 45° Steel Blade Filter Grille – Blades Parallel to the Longest Dimension

### STANDARD FEATURES:

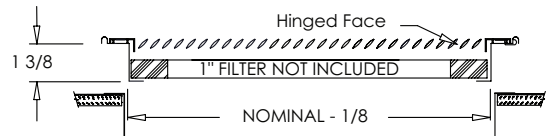
- Roll formed steel blades fixed at 45° parallel to longest dimension
- Hinged removable extruded aluminum face frame with signature line marks
- Hinges parallel to longest side
- Face set in an outer filter grille frame
- Hand operated lever for easy filter access
- 4-way reversible door on square sizes
- 2-way reversible door on rectangular sizes
- Concealed mounting holes with mounting screws
- Holds up to a 1", 2" or 4" filter (not included) with filter retention tabs (935FG1, 935FG2, 935FG4)
- Phillips Pozidriv installation screws included
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

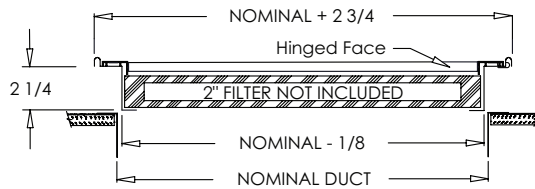
- Alternative hinge and latch options – see website



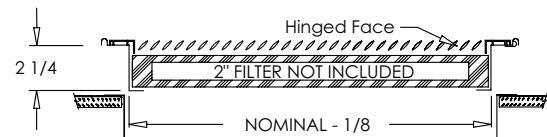
935FG1



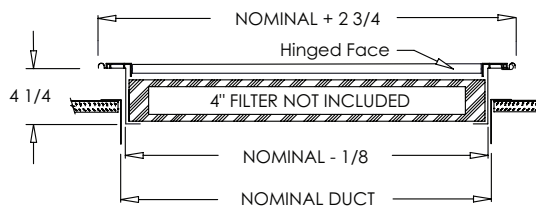
935FG1



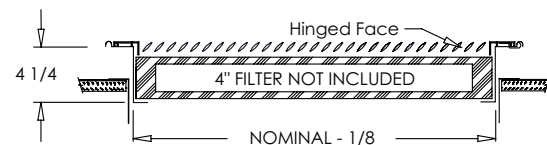
935FG2



935FG2



935FG4



935FG4

### PLEASE NOTE

Filter grilles are manufactured 3/16" undersized nominal duct (outside dimension) for ease of installation. Air filter should be 1/4" to 1/2" undersize. Verify with air filter manufacturer for air filter specification to ensure a proper fit. Shoemaker filter grilles allow for installation of larger thickness filters (we offer 2" and 4" filter depths on specific models) which can reduce pressure drop on the overall system, improving air flow through the heat exchanger and allowing more time between filter changes. Contact inside sales for more information.



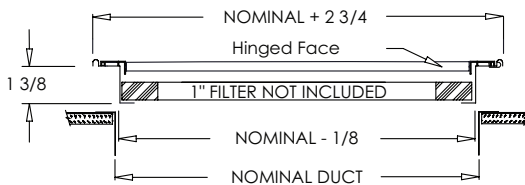
## 936FG Fixed 45° Steel Blade Filter Grille – Blades Parallel to the Shortest Dimension

### STANDARD FEATURES:

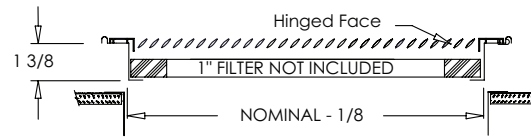
- Roll formed steel blades fixed at 45° parallel to shortest dimension
- Hinged removable extruded aluminum face frame with signature line marks
- Hinges parallel to longest side
- Face set in an outer filter grille frame
- Hand operated lever for easy filter access
- 4-way reversible door on square sizes
- 2-way reversible door on rectangular sizes
- Holds up to a 1", 2" or 4" filter (not included) with filter retention tabs (936FG1, 936FG2, 936FG4)
- Phillips Pozidriv installation screws included
- Rust resistant pre-coat with durable powder finish
- Soft White

### OPTIONS:

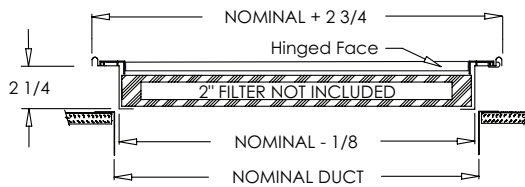
- Alternative hinge and latch options – see website



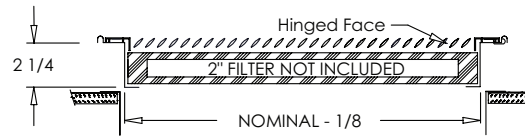
936FG1



936FG1



936FG2



936FG2



936FG4



936FG4

### PLEASE NOTE

Filter grilles are manufactured 3/16" undersized nominal duct (outside dimension) for ease of installation. Air filter should be 1/4" to 1/2" undersize. Verify with air filter manufacturer for air filter specification to ensure a proper fit. Shoemaker filter grilles allow for installation of larger thickness filters (we offer 2" and 4" filter depths on specific models) which can reduce pressure drop on the overall system, improving air flow through the heat exchanger and allowing more time between filter changes. Contact inside sales for more information.



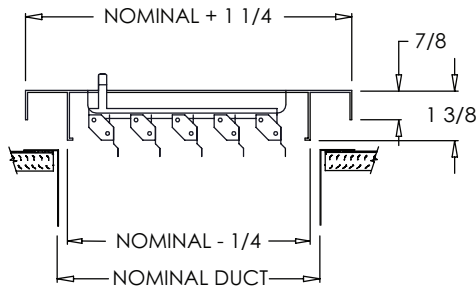


## 855 Stamped Face Baseboard Register

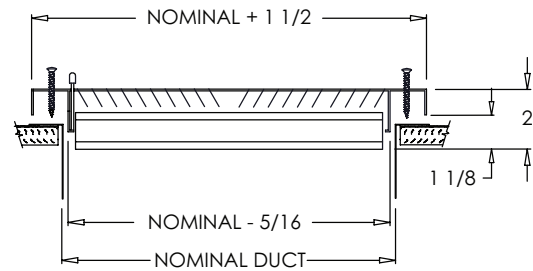
### STANDARD FEATURES:

- Steel construction
- Fan shaped 1/2" spaced louvers
- Lever operated multi-shutter damper
- Margin edges are 7/8" projection for baseboard installation
- Mounting holes with color matching 2" baseboard Phillips screws
- Design protects damper operation mechanism from contact with duct work
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**   



855



855



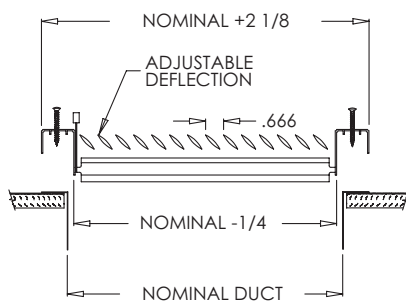
## 955 Adjustable Blade Baseboard Register

### STANDARD FEATURES:

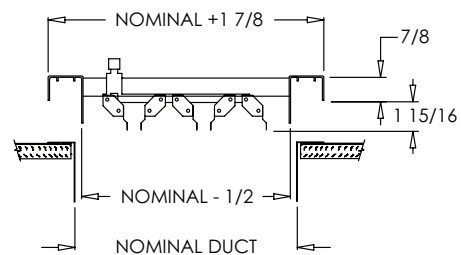
- Extruded aluminum frame with steel roll formed blades
- Lever operated multi-shutter damper
- Margin edges are 7/8" projection for baseboard installation
- Nylon bushings on adjustable blades allow for easy adjustment, and prevents metal on metal rattle for quiet operation
- Blades run parallel to shortest dimension
- Mounting holes with color matching 2" baseboard Phillips screws
- Design protects damper operation mechanism from contact with duct work
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**   

- Lever operated opposed blade damper (955 - 0)



955



955-O



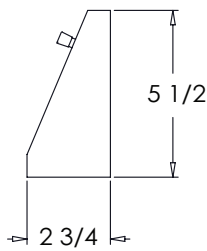
## 875 Triangular Baseboard Diffuser

### STANDARD FEATURES:

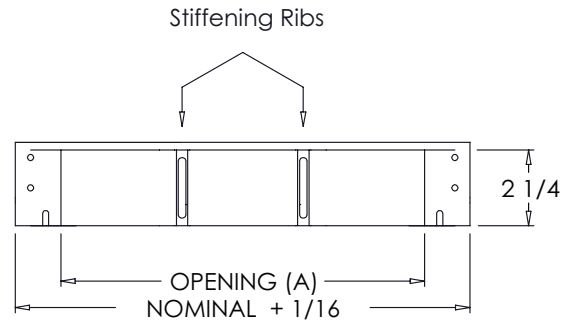
- Steel construction
- 5 1/2" height consistent with modern day moulding standards
- Depths are 7/8" projection at the top, with 2 3/4" at the floor for baseboard installation
- Lever operated single-blade damper
- Removable face and damper
- Multiple mounting holes and slots for installation
- Tension wings to stabilize damper and ensure quiet operation
- Available in 15", 18" or 24" lengths
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTI ONS:**

875 Series Dimensions	
Size	Opening (A)
15"	12"
18"	14"
24"	20"



875



875



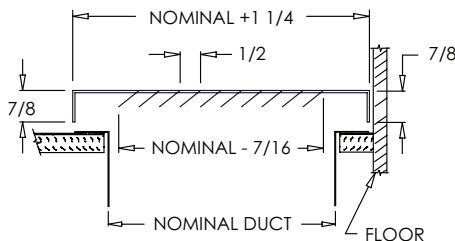
## 1150 Stamped Face Baseboard Return Air Grille

### STANDARD FEATURES:

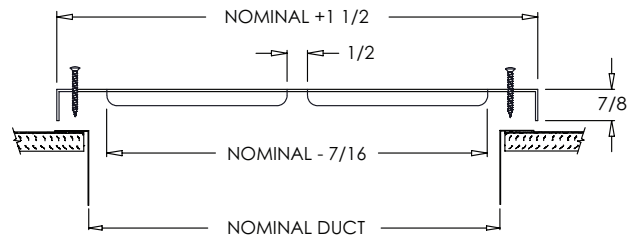
- 1/2" spaced dual angular louvers
- Stamped from cold-rolled steel
- Margin edges are 7/8" projection for baseboard installation
- Mounting holes with color matching 2" baseboard Phillips screws
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**

- Reinforced mullions with welded supports (heavy duty -1175)



1150/1175



1150/1175

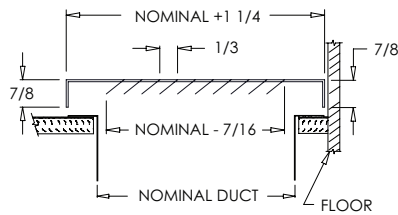


### 1133 Stamped Face Baseboard Return Air Grille (1/3 in. spacing)

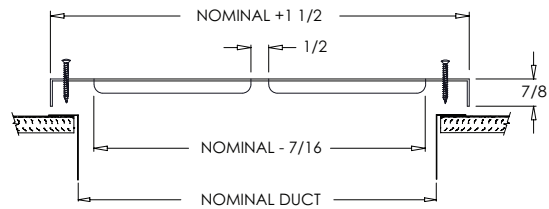
**STANDARD FEATURES:**

- 1/3" spaced dual angular louvers
- Stamped from cold-rolled steel
- Margin edges are 7/8" projection for baseboard installation
- Install with louvers in up or down position for best duct concealment
- Mounting holes with color matching 2" baseboard Phillips screws
- Soft White

**OPTIONS:**



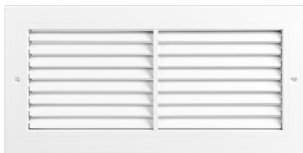
1133



1133



1100 Front Angle View



1100FF

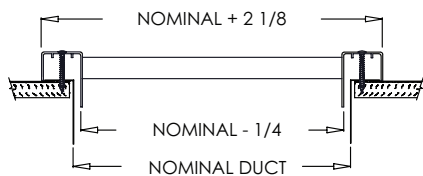
### 1100 Fixed Blade Baseboard Return Air Grille

**STANDARD FEATURES:**

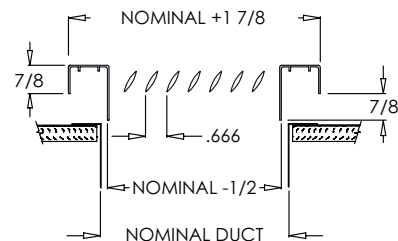
- Extruded aluminum construction
- 45° fixed blades parallel to longest dimension
- Margin edges are 7/8" projection for baseboard installation
- Mounting holes with color matching 2" baseboard Phillips screws
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**

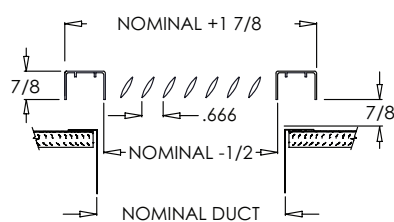
- Flush frame (1100FF)
- 45° fixed blades parallel to shortest dimension
- Fractional, exact I.D. and O.D. sizes



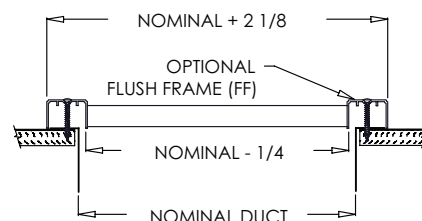
1100



1100



1100 FF



1100 FF

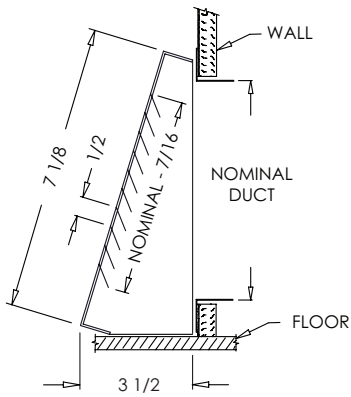


## 1165 Triangular Baseboard Return Air Grille

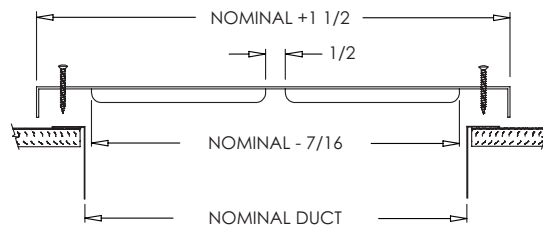
### STANDARD FEATURES:

- 1/2" spaced vision-proof dual angular louvers for strength and maximum free area
- Depths are 7/8" projection at the top, and 3 1/2" at the floor for baseboard installation
- Mounting holes with color matching 4" baseboard Phillips screws
- Rust resistant pre-coat with durable powder finish
- Soft White

**OPTIONS:**    



1165



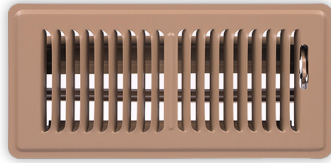
1165



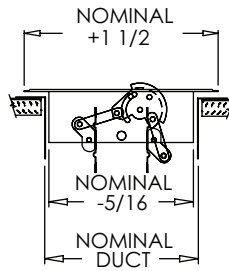
Toe Space Grille (TS) shown from our Cement Gray Collection



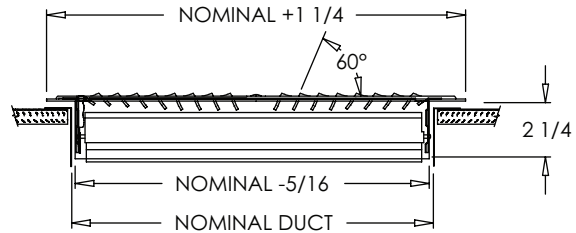
Soft White



Driftwood Tan



325



325

## 325 Stamped Perimeter Floor Register

### STANDARD FEATURES:

- Cold-rolled steel formed face
- Opposed blade damper
- Design protects damper operation mechanism from contact with duct work
- Ability to set and lock damper for balancing
- Sold in carton quantity only
- Sizes available: 4x10 and 4x12
- Rust resistant pre-coat with durable powder finish
- Soft White or Driftwood Tan

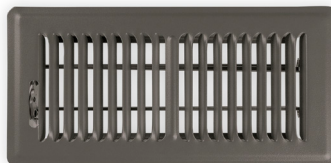
OPTIONS:



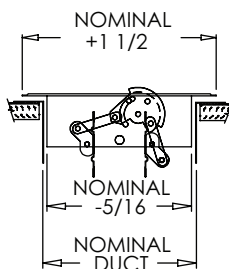
Soft White



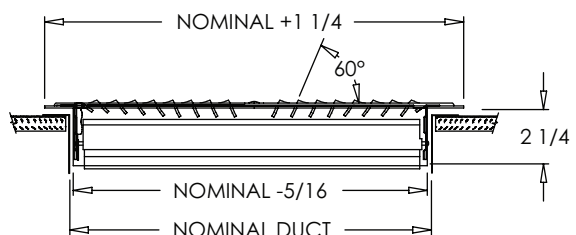
Driftwood Tan



Bronze – Now Available to Stock



350



350

## 350 Stamped Deluxe Floor Register

### STANDARD FEATURES:

- Heavy gauge cold-rolled steel formed face
- Louvers designed with rolled rib for maximum strength and rigidity
- Fan-shaped air pattern lends to both heating and air conditioning
- Single blade damper on 2 1/4" height
- Opposed blade damper on 4" height
- Lever-operated multi-shutter damper on 6" height and larger
- Ability to set and lock damper for balancing
- Design protects damper operation mechanism from contact with duct work
- Rust resistant pre-coat with durable powder finish
- Driftwood Tan or Soft White

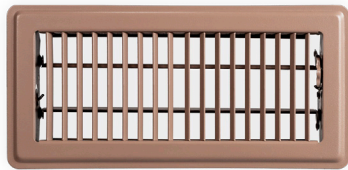
OPTIONS:

Drawings shown depict 4" products. See submittals for more widths.

Submittals, performance data and more information are available at [www.shoemakerfmfg.com](http://www.shoemakerfmfg.com)



Soft White



Driftwood Tan



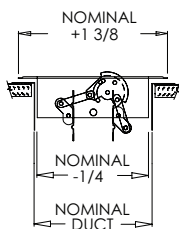
Bronze – Now Available to Stock

## 375 Premium Floor Register

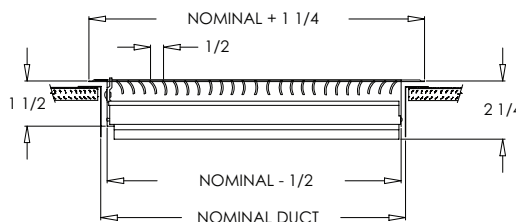
### STANDARD FEATURES:

- Heavy gauge steel construction
- Individually welded 16 gauge diffusion bars
- Single blade damper on 2 1/4" height
- Opposed blade damper on 4" height
- Lever-operated multi-shutter damper on 6" height and larger
- Ability to set and lock damper for balancing
- Design protects damper operation mechanism from contact with duct work
- Rust resistant pre-coat with durable powder finish
- Driftwood Tan or Soft White

### OPTIONS:



375

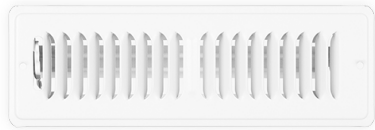


375

Drawings shown depict 4" products. See submittals for more widths.



Premium Floor Register (375) shown from our Bronze Collection



Soft White

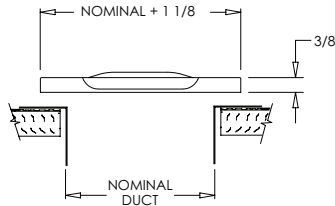


Driftwood Tan



Black – Now Available to Stock

Drawings shown depict 2 1/4" products.  
See submittals for more widths.



TS

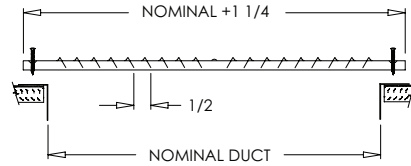
## TS Toe Space Grille

### STANDARD FEATURES:

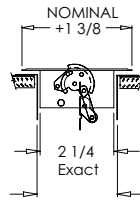
- Heavy gauge cold-rolled steel
- Louvers designed with rolled rib for maximum strength and rigidity
- Unique fan-shaped pattern lends to both heating and air conditioning
- Ideal for supply air in the toe space areas between kitchen cabinets, stair risers, built-in vanities, etc.
- Countersunk mounting holes with color matching Phillips Pozidriv screws
- Rust resistant pre-coat with durable powder finish
- Driftwood Tan or Soft White

### OPTIONS:

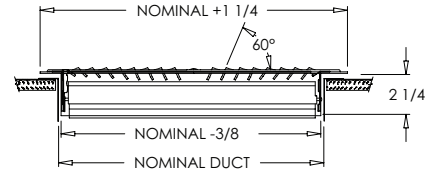
- Single blade damper (TD)



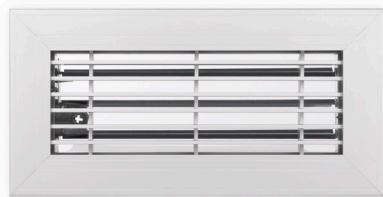
TS



TD



TD



Satin Anodized Finish



Bronze – Now Available to Stock

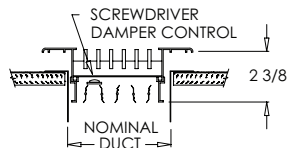
## AFP Aluminum Floor Perimeter Diffuser

### STANDARD FEATURES:

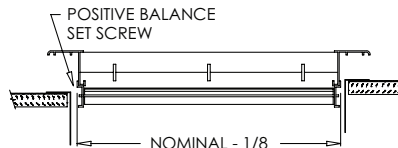
- Extruded aluminum frame with signature line marks
- Designed for floor application
- Reinforced with pressure lock honeycomb construction to withstand heavy foot traffic
- Recessed screwdriver operated opposed blade damper
- Ability to set and lock damper for balancing
- 1/2" spacing with 0° or 20° deflection
- 1/8" thick core blades run parallel to longest dimension
- Frame width 1 3/8"
- Satin Anodized Finish

### OPTIONS:

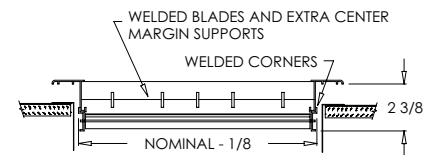
- Heavy duty construction (AFP-R)
- Diffuser only, no damper (AFG)



AFP



AFP



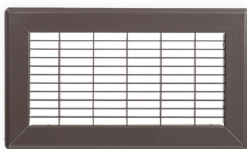
AFP-R



Soft White



Driftwood Tan



Bronze – Now Available to Stock

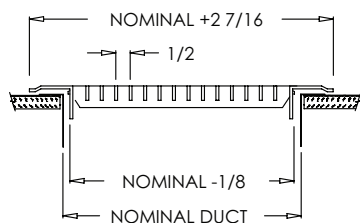
## 1600 Heavy Duty Floor Grille with 0° Deflection

### STANDARD FEATURES:

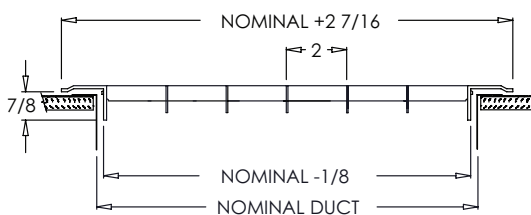
- Fixed bars with 0° deflection
  - Heavy duty steel honeycomb construction
  - Flush core and frame provides smooth surface
  - Free area equals more than 75% of nominal size
  - Blades run parallel to longest dimension
  - Rust resistant pre-coat with durable powder finish
  - Driftwood Tan or Soft White
- Note: available in even sizes only*

### OPTIONS:

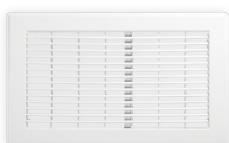
- Reinforced welded core and extra bar support for gymnasium or high traffic application (1600R)
- Recessed screwdriver-operated opposed blade damper (1600-0)
- Reinforced welded core and opposed blade damper (1600R-0)
- Bars parallel to shortest dimension



1600



1600



Soft White



Driftwood Tan



Bronze – Now Available to Stock

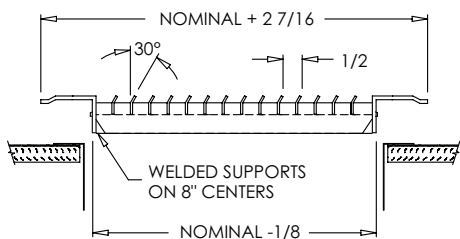
## 1630 Heavy Duty Floor Grille with 30° Deflection

### STANDARD FEATURES:

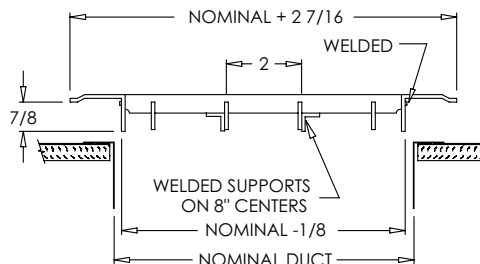
- Fixed bars with 30° deflection
  - Heavy duty steel honeycomb construction
  - Flush core and frame provides smooth surface
  - Bars run parallel to longest dimension
  - Rust resistant pre-coat with durable powder finish
  - Soft White or Driftwood Tan
- Note: available in even sizes only*

### OPTIONS:

- Reinforced welded core and extra bar support for gymnasium or high traffic application (1630R)
- Recessed screwdriver-operated opposed blade damper (1630-0)
- Reinforced welded core and opposed blade damper (1630R-0)
- Blades parallel to shortest dimension



1630



1630





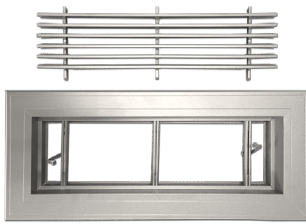
Linear Bar Surface Mount  
LSW



Linear Bar Removable Core  
with Flangeless Mounting Frame  
LCF



Linear Bar Floor / Sill Mount  
LF/LS



Linear Bar Removable Core  
with Frame  
LF-RC

## Linear Bar Series

### STANDARD FEATURES:

- Precision aluminum construction for clean styling and efficient air distribution
- Designed for heating or cooling and ceiling, floor, side wall or sill installations
- Extruded aluminum frame with signature line marks (on applicable models)
- Bar spacing is 1/2" or 1/3" on center spacing with 0° or 20° deflection; actual spacing between bars is 3/8" and 1/4" respectively
- 1/8" thick core blades run parallel to longest dimension
- Satin Anodized\*
- \* Linear filter grille Soft White finish

### CORES:

- 1/2" – 0°
- 1/2" – 20°
- 1/3" – 0°
- 1/3" – 20° (not available with removable core styles)

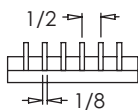
### MOUNTING TYPES:

- 10 different options. See chart and drawings that follow for details.

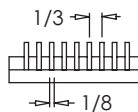
### OPTIONS:

- See charts and drawings on next pages for details

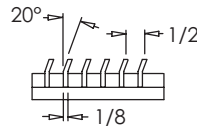
### Available Cores:



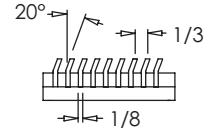
1/2" - 0°



1/3" - 0°



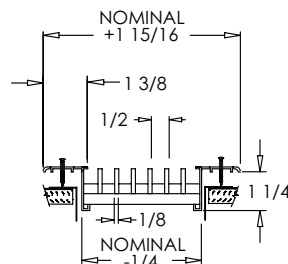
1/2" - 20°



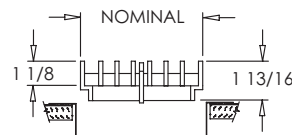
1/3" - 20°

### Mounting Types:

Shown with 1/2" – 0° deflection core (overall product dimensions remain the same for all available cores)

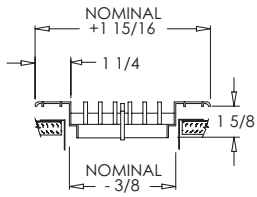


Linear Sidewall (LSW)  
Surface Mount

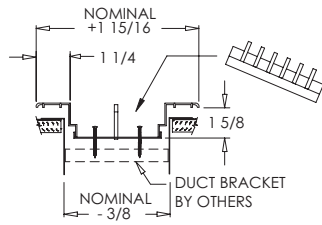


Linear Removable Core  
with Mounting Frame (LCF)  
(Product manufactured to exact  
width and length specifications)

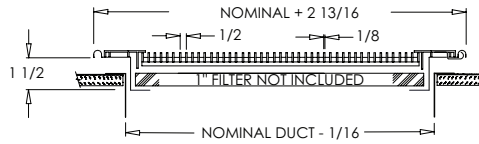
Mounting Types (continued from previous page):



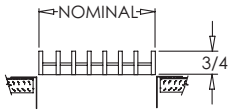
Linear Floor/Sill/Sidewall with Removable Core (LF-RC, LS-RC, LSW-RC)



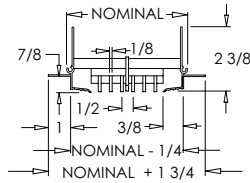
Linear Floor/Sill/Sidewall with Removable Core and Optional Mounting Straps (LF-RC, LS-RC, LSW-R)



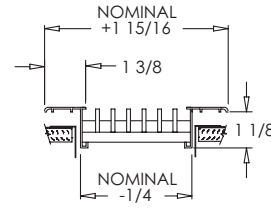
Linear Filter Grille (LFG)  
1" Filter Grille Frame



Linear Core (LC)  
(Product manufactured to exact width and length specifications)



Linear Tape and Mud (LTM)  
(Product manufactured to exact width specification)

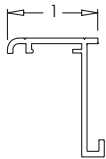


Linear Floor/Sill (LF, LS)

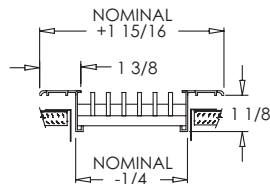
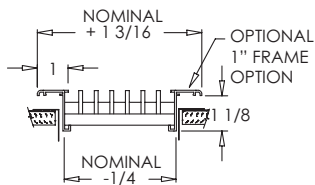
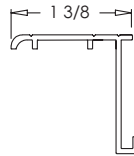
Mounting Type Note: Length dimension undersized - 1/4" except for LCF and LC

Frame Widths

1" Frame (Y)

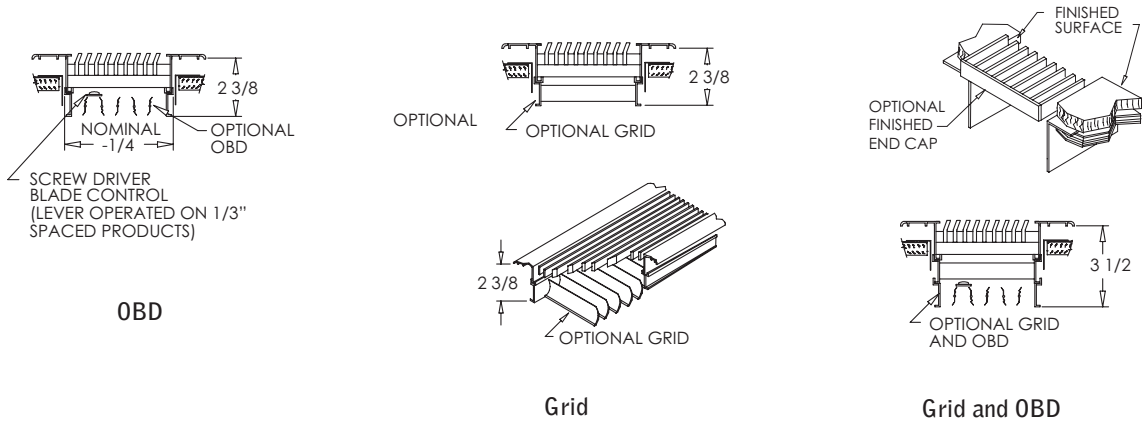


1 3/8" Frame (Standard)

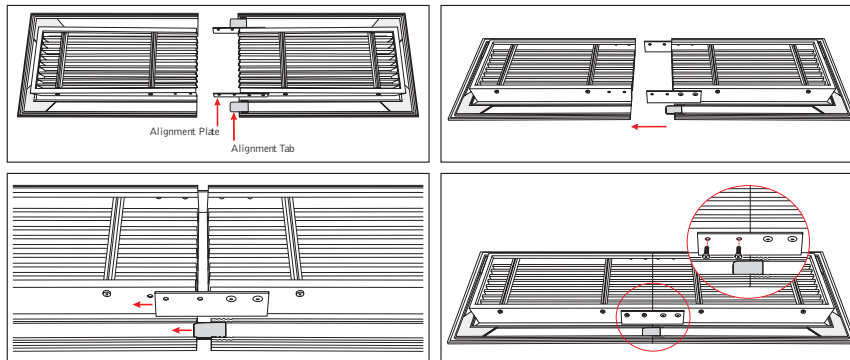


Specifications	Floor/Sill Mount LF/LS	Removable Core LCF	Removable Core with Frame LF-RC	1" Filter Grille Frame LFG	Core only LC	Tape and Mud Mount LTM	Surface Mount LSW
1" Frame width	Optional	—	—	—	—	—	Optional
1 3/8" Frame width	Standard	Standard	Standard	—	—	—	Standard
Opposed blade dampers: Screwdriver-OBD 1/2" spacing Lever-Operated OBD – 1/3" spacing	Optional	Optional	Optional	—	—	—	Optional
Grid: Extruded aluminum adjustable curved blade air deflection grid	Optional	Optional	Optional	—	—	—	Optional
Grid and OBD: Screwdriver-OBD with extruded aluminum adjustable curved blade air deflection grid	Optional	Optional	Optional	—	—	—	Optional
HD: Heavy Duty with welded blades and frame, and extra center margin supports	Optional	Optional	Optional	Optional	Optional	—	Optional
Short Bars: Core blades run parallel to shortest dimension	Optional	—	—	Optional	Optional	—	Optional
Special Shapes*: Mitered and Custom Shapes diffusers	Optional	—	—	—	Optional	—	Optional
Radial Shapes*: Radial shape diffusers	—	—	—	—	Optional	—	—
Finished Flat End Caps	—	—	—	—	Optional	Standard	—
Butt Joints for continuous lengths	Optional	Optional	—	—	Optional	Optional	Optional
Fractional Dimensions	Optional	Optional	Optional	Optional	Standard	Optional	Optional

\* Extended leadtimes. See website for more details.

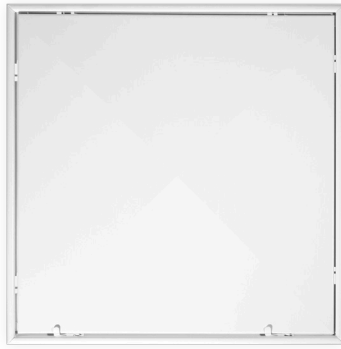


Butt Joints



Butt joints shown apply to Mounting Type 1, 2, 4 and 7 only. Contact inside sales for more information on butt joints available on other mounting types.

Drawings intended to illustrate butt joint components and operation. Drawings are not exact representation of the product depicted.

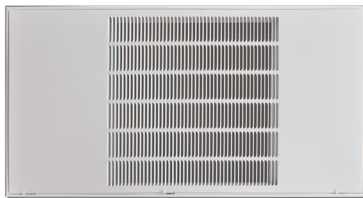
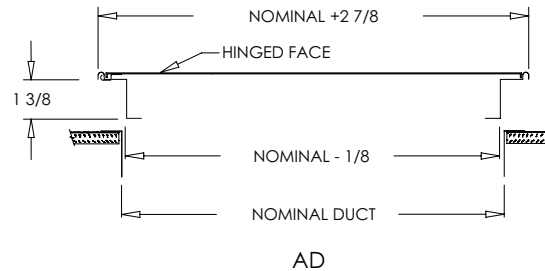
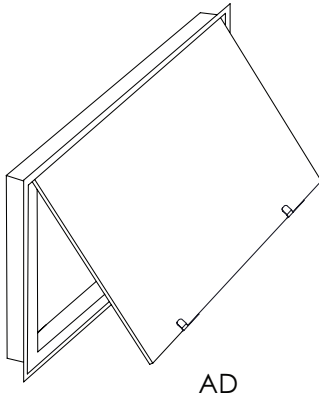


## AD Access Door

### STANDARD FEATURES:

- Designed to access behind the wall components such as: plumbing shut-off valves, electric panels, etc.
- Access door with 1 3/8" deep steel roll formed frame
- Hinged removable door with hinges parallel to longest dimension
- Hand operated lever for easy access
- 4-way reversible door on square sizes
- 2-way reversible door on rectangular sizes
- Concealed mounting holes
- Phillips Pozidriv installation screws included
- Soft white powder finish

### OPTIONS:

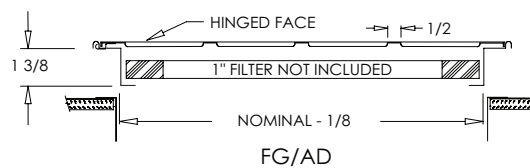
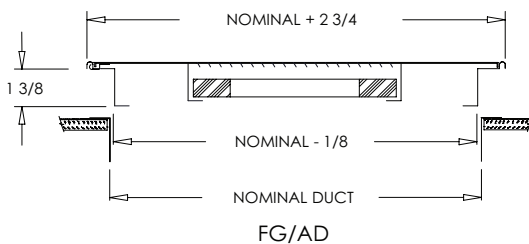


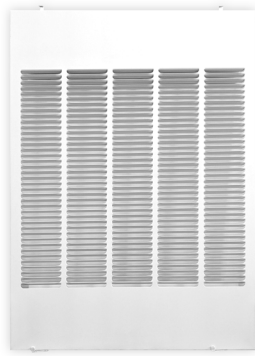
## FG/AD Filter Grille Access Door

### STANDARD FEATURES:

- Designed for return applications and as a vented access door for plumbing shut-off valves, electric panels, etc.
- 1/2" spacing dual angular louvers for strength and maximum free area
- Access door with 1 3/8" deep steel roll formed frame
- Hinged non-removable door with hinges parallel to longest dimension
- Hand operated lever for easy filter access and cleaning
- Concealed mounting holes
- Holds up to 1" filter (not included)
- Filter retention tabs
- Rust resistant pre-coat with durable powder finish
- Phillips Pozidriv installation screws included
- Soft White

### OPTIONS:





EAD



EAD-SOLID

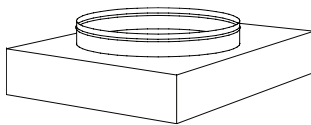
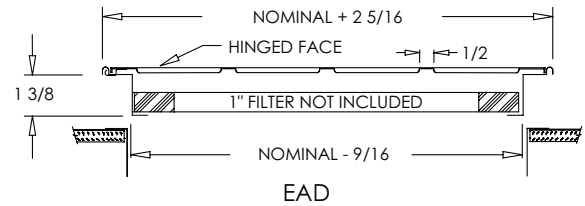
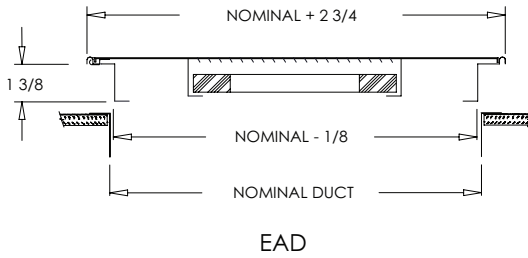
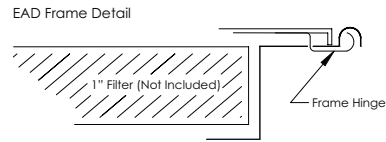
## EAD Equipment Access Door

### STANDARD FEATURES:

- Designed as a vented access door for fan coils, air handlers and other equipment
- 1/2" dual angular louvers for strength and maximum free area
- Product designed for safe access to equipment – number of doors dependent on overall product size
- Doors are individually hinged and removable
- Multiple mounting holes concealed in door frame
- Filter retention tabs hold up to a 1" filter (not included)
- Designed to fit Carrier, First Company and other manufacturer's equipment models. See website for model compatibility list.
- Soft White

### OPTIONS:

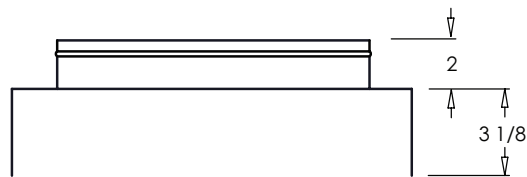
- Solid access door (EAD-SOLID)



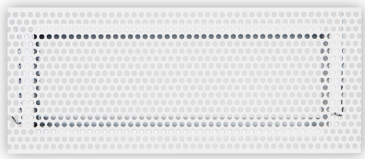
## 2" Round Collar

### STANDARD FEATURES:

- 2" ADC compliant collar with roll formed retention bead for ease of installation
- Square to round transition for round duct installation
- Compatible with residential products where noted
- Can be installed in field
- Mill finish



2" Round Collar



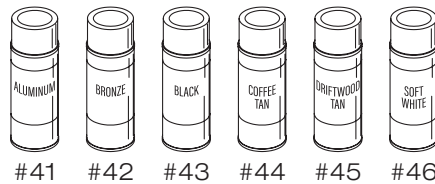
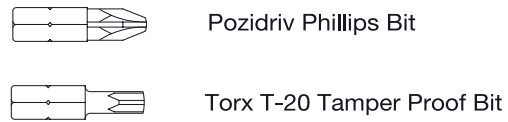
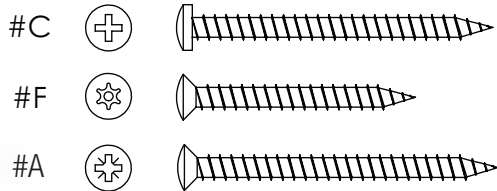
## RIG Rough In Grille

### Standard Features:

- Protects ducting from debris while waiting for installation of final registers
- Prevents possible accidents due to holes in the floor
- Perforated face
- Lightweight
- Sizes available: 4x10, 4x12, 4x14, 6x10, 6x12, 6x14

### Miscellaneous Accessories

Item	Description	Item	Description
#35	Handle cap for registers and diffusers	#41	Aluminum touch-up spray paint, 4.5 oz.
#55	Bowtie damper plastic adjustment tool	#42	Bronze touch-up spray paint, 4.5 oz.
#C	8 x 2" Phillips panhead screw - baseboard	#43	Black touch-up spray paint, 4.5 oz.
#F	Tamper proof screw - T-20 Torx H.P.	#44	Coffee Tan touch-up spray paint, 4.5 oz.
#A	1.875" Phillips pozidriv oval-head screw	#45	Driftwood Tan touch-up spray paint, 4.5 oz.
Pozi Bit	Phillips Pozidriv bit	#46	Soft White touch-up spray paint, 4.5 oz.
#I	Torx T-20 H.P. Bit		



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