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Santa Fe Springs, California  
90670 • USA

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fax: (562) 466-1010

★ Central  
Distribution Center

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Suite #100  
Houston, Texas  
77039 • USA

tel: (713) 460-3200  
fax: (713) 460-3203

★ Southern  
Distribution Center

3509 Port Jacksonville Pkwy  
Building #1  
Jacksonville, Florida  
32226 • USA

tel: (912) 330-8270  
fax: (912) 330-8271

★ Eastern  
Distribution Center

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North East, Maryland  
21901 • USA

tel: (410) 272-3850  
fax: (410) 272-3852



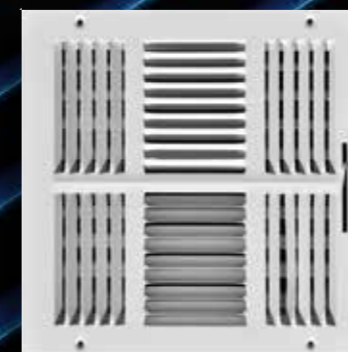
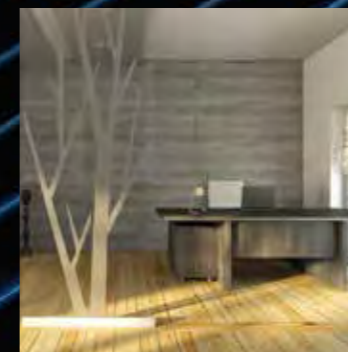
Truair's factory located in Vietnam

★ Los Angeles, CA

★ North East, MD

★ Jacksonville, FL

★ Houston, TX



# TRUaire

PRODUCT CATALOG

toll free: (888) 878-2473 (TRUAIRE) • [www.truair.com](http://www.truair.com)

REGISTERS • GRILLES • DIFFUSERS

PRODUCT CATALOG

### Regional Distribution Centers

**Santa Fe Springs, California**  
 Western Distribution Center &  
 Corporate Offices

11335 Greenstone Avenue  
 Santa Fe Springs, CA 90670

PH 562-466-1000 Fax 562-466-1010

**Jacksonville, Florida**  
 Southern Distribution Center

3509 Port Jacksonville Pkwy., Building #1  
 Jacksonville, FL 32226

PH 912-330-8270 Fax 912-330-8271

**Houston, Texas**  
 Central Distribution Center

13800 John F Kennedy Blvd. Suite #100  
 Houston, TX 77039

PH 713-460-3200 Fax 713-460-3203

**Baltimore, Maryland**  
 Eastern Distribution Center

300 Principio Parkway West  
 North East, MD 21901

PH 410-272-3850 Fax 410-272-3852

*We're Here  
 to Serve You...*

Los Angeles, CA

North East, MD

Jacksonville, FL

Houston, TX

### Strategic Distribution

In order to be recognized for providing the highest quality service in our industry, we must maintain strategic geographical distribution locations. We currently have four distribution centers across the country: Los Angeles, CA, Houston, TX, Jacksonville, FL and Baltimore, MD. These four distribution centers represent over 500,000 sq. ft. of finished goods in inventory.

Maintaining huge inventories means filling orders complete and quicker than any of our competitors. Our 4 distribution centers are situated so that 90% of our customers receive there shipments within 72 hours after they place there orders.

When you consider that TRUaire is providing the highest quality and service to the market at competitive prices, the rest is a winning combination for your customers.

### Unmatched Quality

Often times as consumers we're faced with the stark reality that we are living in an era where quality is often compromised; an era in which economy trumps real value, and quality takes a backseat to a quick discount. This is not the case at TRUaire. We believe quality still means value, and we are strongly committed to keeping this value.

*"The bitterness of poor quality remains long after the sweetness of low price is forgotten".*

— Benjamin Franklin



*For more information about your Region please give us a call...  
 or feel free to visit us online.*

## Welcome

Welcome to the newest edition of the TRUaire catalog. In these pages we hope you will find the most user-friendly product catalog in the industry.

Feel free to open the catalog to any page. Notice that no matter what page you've chosen that both pages contain information for the same product making it even easier to order and compare models. Everything you want to know for that particular model is right there in front of you with some of the features listed on the left, and some information for that series listed on the right. No need to flip back and forth from page to page for that model to find exactly what you need.



## Our Mission

As a nationally recognized leading manufacturer of grilles, registers and diffusers for the Heating and Air Conditioning Industry, TRUaire is focused on providing the highest quality standards in the industry through innovation, customer care, and expertise. TRUaire takes pride in its dynamic workplace, offering each employee the necessary support to realize their full potential.

Every member of this impassioned team has helped to carve each step of TRUaire's success story with hard work, superior products, exceptional customer service, and the largest inventory of finished goods in the industry. TRUaire always puts its customers first, striving to be courteous, respectful, and honest in every circumstance: as the greatest successes are achieved through genuine partnership.

## The Right Choice.

TRUaire has been producing a wide variety of outstanding products for the heating & air conditioning industry for over 30 years. When you select TRUaire, you're choosing a company that prides itself on decades of experience, superior customer service and the highest quality products that are sure to exceed your expectations.

We are in the business to sell the highest quality grilles, registers and diffusers we can build at the most competitive prices possible.



## Our Vision

Today's business leaders agree that the best way to succeed in our competitive global market is to obtain full customer satisfaction by consistently manufacturing the highest quality products, on time delivery and quality customer service. These three keys to success are what TRUaire was founded on, but we know that we must strive to continually improve our operational processes, create value-added relationships with our customers as well as continually enhancing our employee's expertise in the field of grilles, registers and diffusers.

Product Description

Product Title

Manufacturer Comparison

Technical Drawings

Reverse side views or Added Value Options

Sizes & Carton Quantities

Product Photo & Detail Information

Product Photo & Detail Information

Product Photo & Detail Information

Product Photo & Detail Information

Model Features

Product Detail with Close-up View

Model Number Specifications

Contact Information

Additional Features, Tips & Options

You'll also notice that each 2-page set is designed for consistency and formatted for ease of use and quick-reference. Flip through a few pages and you will quickly get the hang of the layout. Each left hand page includes general information; a brief description, pictures, features, and cross-reference information. Each right-hand page gives more specific information; options, dampers, drawings, available sizes, carton quantity, and information to help you when ordering.



## We have you covered...


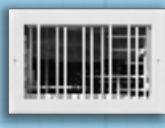


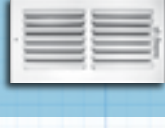




For quick reference, inside the front cover you'll find all of our locations and contact information, and in the back, a current up to date reference by Model Comparison and Manufacturer.

You can always visit us 24/7 online and stay connected with your mobile device or smartphone at [www.truaire.com](http://www.truaire.com). Our website's features are always changing and updating to keep up with your needs in the field.









*Quick and easy access at your fingertips. Call by phone, visit online or on any mobile device or smartphone.*



**Sidewall/Ceiling Supply Grilles & Registers**  
**STEEL PRODUCTS**

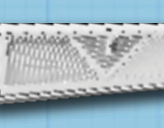






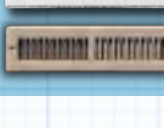
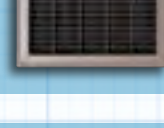

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**Sidewall/Ceiling Supply Grilles & Registers**  
**ALUMINUM PRODUCTS**





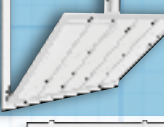
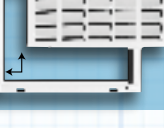
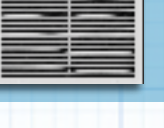

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**Floor and Baseboard  
Grilles and Registers**

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**Floor and Baseboard  
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 <b>270 Series</b> Fixed Bar Return Air Grille	61
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**Sidewall/Ceiling Return Grilles**

**ALUMINUM PRODUCTS**



**A170 Series**  
Stamped Louver Return Air Grille  
1/2" Blade Spacing




**A270 Series**  
Fixed Bar Return Air Grille

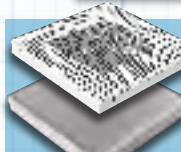


**A290 Series**  
Fixed Bar Return Air Filter Grille  
Fixed Hinge

**T-Bar Grilles & Diffusers**




**1010/1020MAS Series**  
Lay-In Fixed Perforated  
Face Diffusers



**1120S Series**  
Lay-In Plenum Frame  
Perforated Face or Egg Crate



**1110 Series**  
Lay-In Stamped Louver Return  
Air Grille - 1/2" Blade Spacing



**1210 Series**  
Lay-In Fixed Bar Return  
Air Grille

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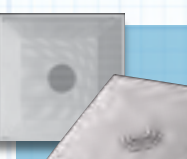
**Lay-In Fixed Bar Return Grilles**



**1400 Series**  
Perforated Hinged Face  
Curved Blade



**1400 Series**  
Perforated Hinged Face  
Adjustable Blade




**1400 Series**  
Perforated Face Return Grille  
Perforated Face Supply Grille



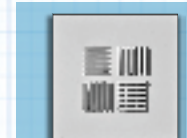
**1900 Series**  
Lay-In Grille  
Perforated Face



**1900 Series**  
Lay-In Egg Crate Grille  
1930 - Acrylic  
1940 - Aluminum



**2000 Series**  
Lay-In Plaque &  
Step Down Cone Diffuser



**2600 Series**  
Lay-In Stamped Curved  
Blade Diffuser



**4000 Series**  
Return Air Filter Grille - Stamped Face  
Return Air Filter Grille - Bar Type



**4000 Series**  
Return Air Filter Grille  
Perforated Face



**4000 Series**  
Return Air Filter Grille  
Acrylic Eggcrate  
Aluminum Eggcrate

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**Lay-In Fixed Bar Return Grilles (Cont'd)**



**5200 Series**  
Lay-In Modular Core Diffuser




**5400 Series**  
Lay-In Directional Diffuser

**Spiral Duct Grilles & Registers**



**SU Series**  
Universal Mount Spiral Duct Grille  
Single & Double Deflection



**SD Series**  
Saddle Mount Spiral Duct Grille  
Single & Double Deflection



**SF Series**  
Flush Mount Spirale Duct Grille  
Single & Double Deflection

**Linear Slot Diffuser**

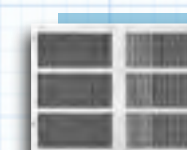


**LD/LDR Series**  
Linear Slot Diffusers  
Linear Slot Returns




**LB Series**  
Linear Bar

**Packaged Terminal Air Conditioners (PTAC)**



**PTA Series**  
PTA 170 - PTAC Grille  
Aluminum Stamped Louver



**PTA Series**  
PTA 270/ 271/ 272 - PTAC Grilles  
Extruded Aluminum Fixed Bar

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**Access Panels**




**ACD690/670 Series**  
Small Single Access Panel



**ACD2400 Series**  
Ceiling Sectional Access Panel  
Solid or Louvered




**ACP Series**  
Ceiling Access Panel  
Solid or Louvered



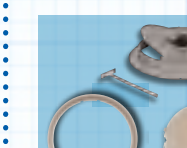
**AWD Series**  
Access Wall Door  
Solid or Louvered

**Round Commercial Diffusers**



**880 Series**  
Round Diffuser  
Duct Mounted


**Accessories**




Butterfly Damper & Ring  
Butterfly Damer (no Ring)  
Mounting Ring



Radial Damper  
Ring Collar & Push Pin Fasteners  
Square to Round Transition



5000XF Surface Mounting Frame  
Aluminum Opposed Blade Damper  
Insulated Back



5000P T-Bar Panel  
Louvered Foundation Vent  
5400SD T-Bar Panel

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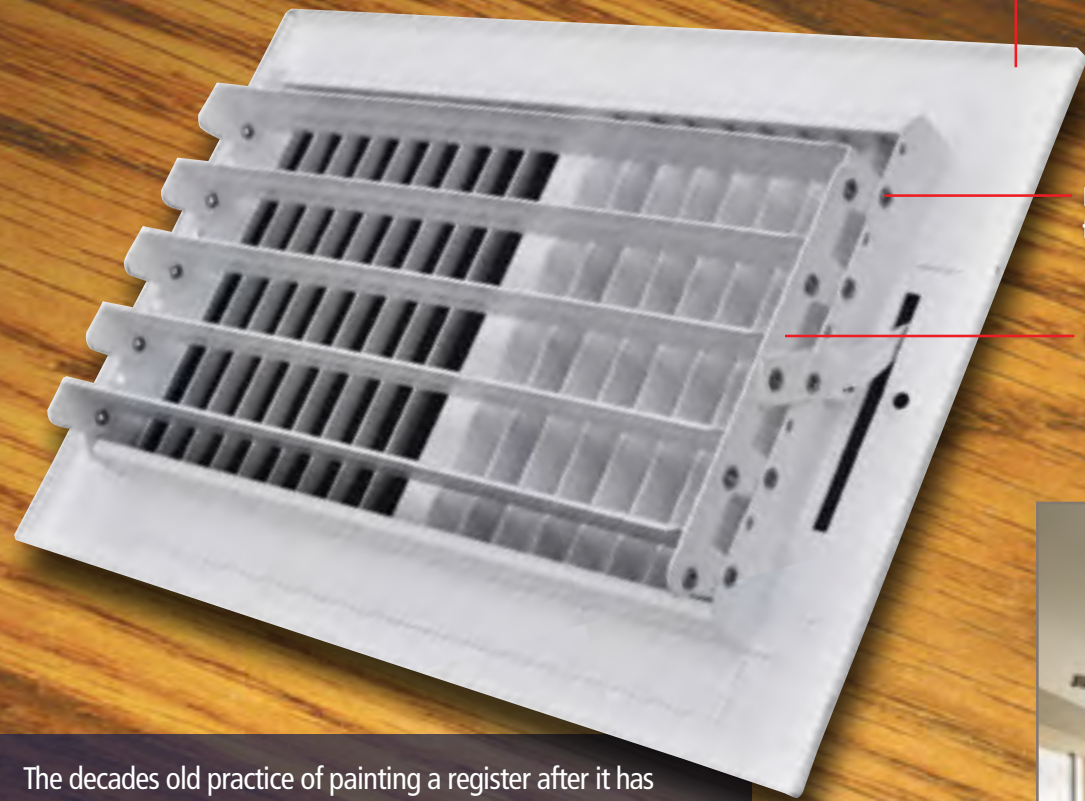
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Find what you need quickly and easily. Give us a call today or visit us online: [www.truair.com](http://www.truair.com)

# SmoothGlide™

## REGISTERS & GRILLES



High quality steel or aluminum components.

Rivets installed AFTER powder-coating for the smoothest operation.

Blade & linkage components individually powder-coated BEFORE assembly.

The decades old practice of painting a register after it has been assembled leads to chipping paint, unpainted exposed surfaces, frozen linkage parts, rattling damper blades, and ultimately...rust. The process saves time and money. It's the best way to build a cheap register cheaply. We can't and won't ever build our registers that way again.



High quality steel or aluminum components.

Easy to use filter grille SmoothGlide™ latch is powder-coated BEFORE installation and requires no screwdriver to open.

# TRUaire

## REGISTERS & GRILLES™

# TRUaire

PRODUCT SHOWCASE - EDITION 4



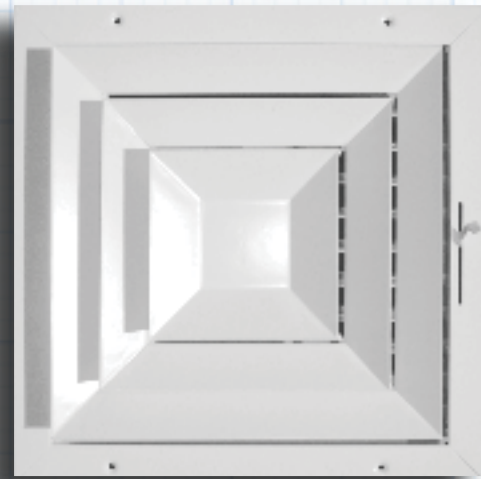
**560 Series**

These high capacity diffusers cover a variety of design requirements. Each of these models is available in square sizes only. The blade design is unusually wide specifically for allowing large volumes of air to move through them. The 600 and 700 Series are primarily used for evaporative cooler, or make-up air applications.



**Model 560M**

Square Ceiling Directional Diffuser



**Model 560 - No Damper**

Square Ceiling Directional Diffuser



Profile view shown without damper

**Compare to:**

	560	600	700
Hart & Cooley	ESSD/D	ECBX	ECHVD
Shoemaker	--	--	450
US Aire	--	--	--
Continental	--	--	--
Lima	1103/2	1150	1170
Airmate	1020/30	100	1200

**Features**

- Steel construction
- Countersunk screw holes
- Multi-shutter damper
- Pristine white powder coat finish

**Product Detail**

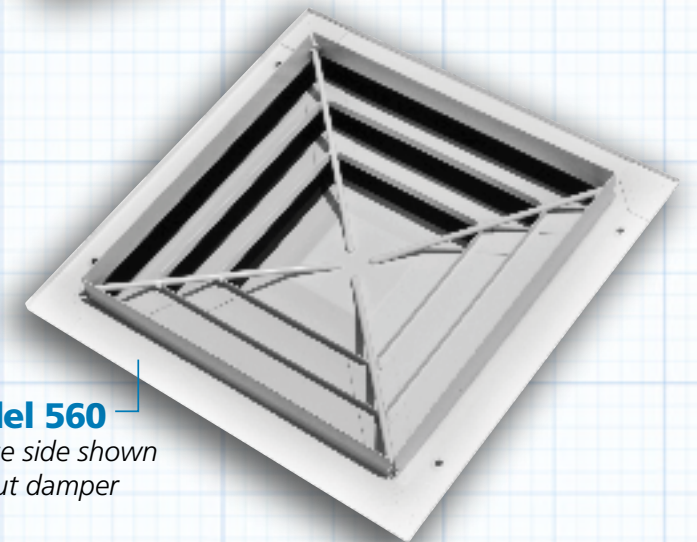
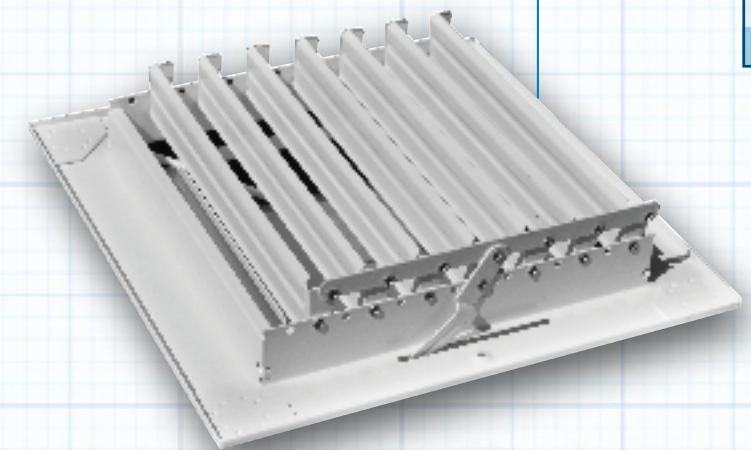


Multi-Tier Diffusion (Model 560M shown)

**560 Series Options**

**Model 560M**

Reverse side shown with damper

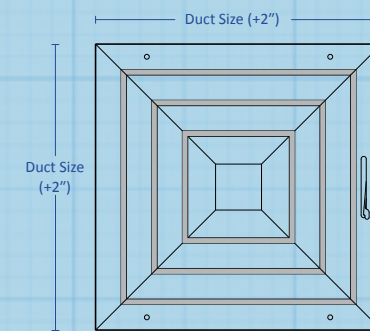
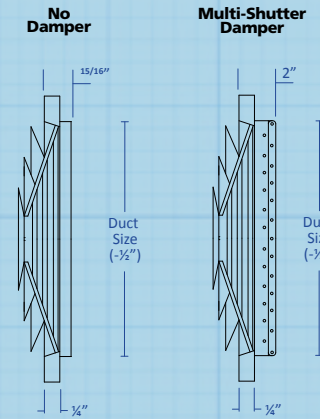


**Model 560**

Reverse side shown without damper

**Model 560**

	560	560M
6 x 6	20	20
8 x 8	20	20
10 x 10	20	10
12 x 12	10	10
14 x 14	10	10
16 x 16	5	5
18 x 18	2	2
20 x 20	2	2



**Model Number Specifications**

High Capacity Direction Diffuser

Damper Option: Blank = No Damper, M = Multi-Shutter Damper

560M 16 x 16

Grille Height, Grille Width

**TRUaire SmoothGlide™**

Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly

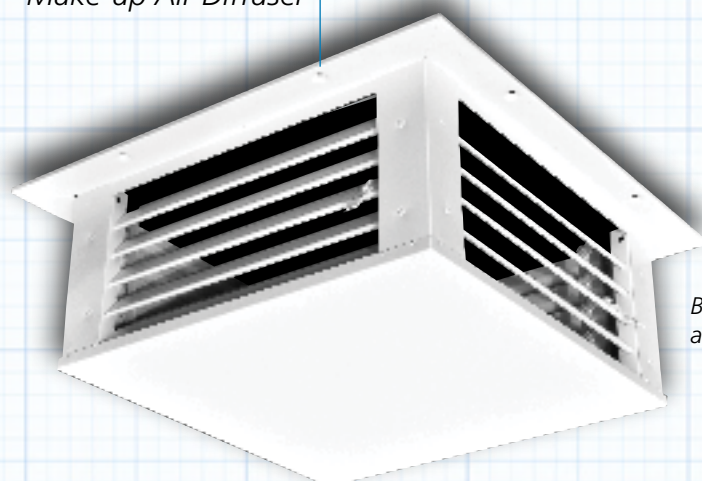
### 600 Series

These high capacity diffusers cover a variety of design requirements. Each of these models is available in square sizes only. The blade design is unusually wide specifically for allowing large volumes of air to move through them. The 600 Series are primarily used for evaporative cooler, or make-up air applications.



#### Model 600

Evaporative Cooler  
Make-up Air Diffuser



Blade design allows for maximum air flow

\*Available in white or stainless steel finish

#### Model 600MSS

Stainless Steel  
Evaporative Cooler  
Make-up Air Diffuser



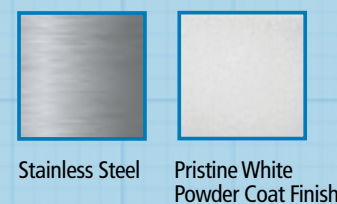
#### Compare to: 600

Hart & Cooley	ECBX
Shoemaker	--
US Aire	--
Continental	--
Lima	1150
Airmate	100

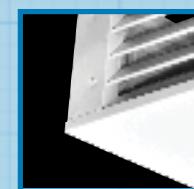
#### Features

- Steel construction
- Optional stainless steel
- Countersunk screw holes
- Multi-shutter damper
- Pristine white powder coat finish

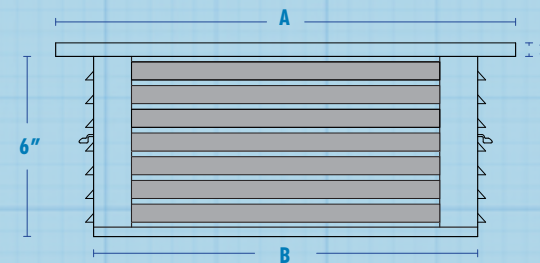
#### Available Finishes



#### Product Detail



High capacity blade design



#### 600 Series Dimensions

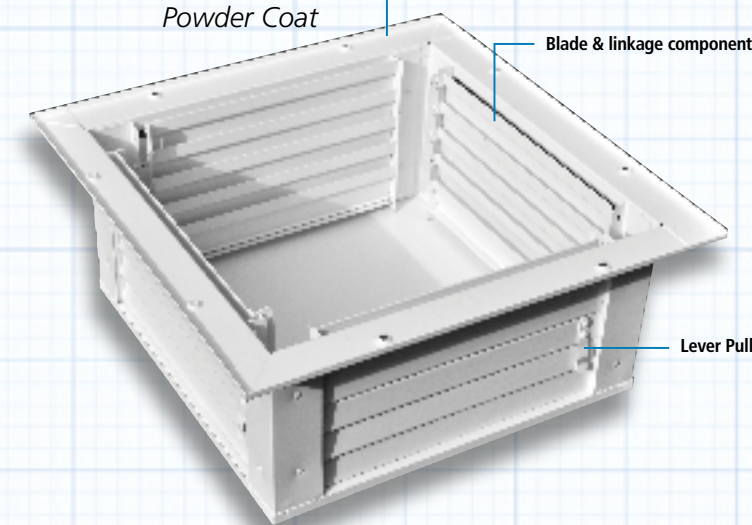
SIZE	A	B
10 X 10	13"	10 1/4"
12 X 12	15"	12 1/4"
14 X 14	17"	14 1/4"
16 X 16	19"	16 1/4"
18 X 18	21"	18 1/4"
20 X 20	23"	20 1/4"
22 X 22	25"	22 1/4"
22 X 22T	23 3/4"	21"
24 X 24	27"	24 1/4"
26 X 26	29"	26 1/4"
30 X 30	33"	30 1/4"
32 X 32	35"	32 1/4"

NOTE: This size is available for 24"x 24" T-Bar Lay-in model number 600 22 x 22T

### 600 Series Options

#### Model 600

Pristine White  
Powder Coat

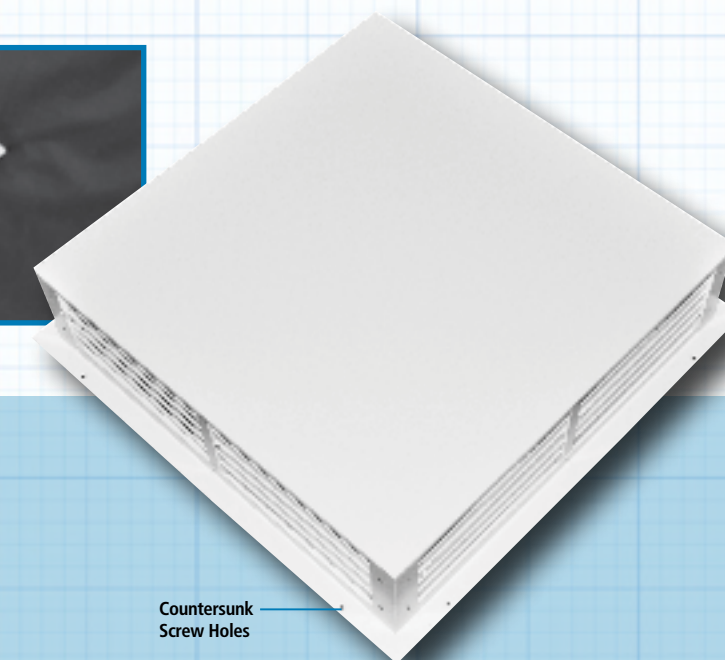
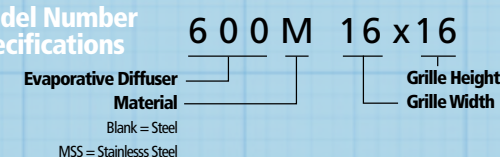


Shown Open



Shown Closed

#### Model Number Specifications



Countersunk Screw Holes



**700 Series**

These high velocity diffusers cover a variety of design requirements. Each of these models is available in square sizes only. The blade design is unusually wide specifically for allowing large volumes of air to move through them. The 700 Series are primarily used for evaporative cooler, or make-up air applications.

**Model 700**

High Velocity  
Flush Mount Diffuser



Blades shown in OPEN position



**Compare to: 700**

Hart & Cooley	ECHVD
Shoemaker	450
US Aire	--
Continental	--
Lima	1170
Airmate	1200

**Features**

- Steel construction
- Countersunk screw holes
- Multi-shutter damper
- Pristine white powder coat finish

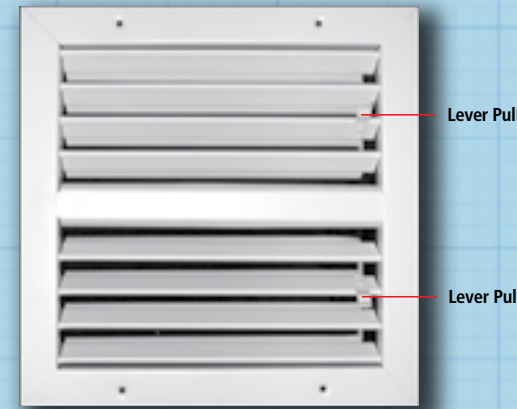
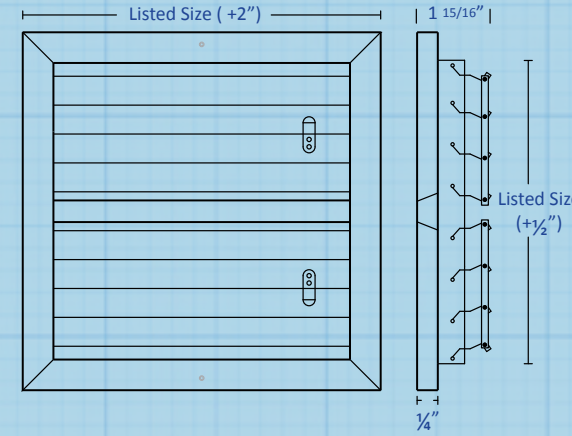
**Product Detail**



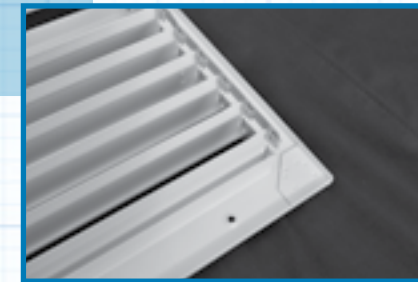
High capacity blade design



Pristine White Powder Coat Finish



Shown Open

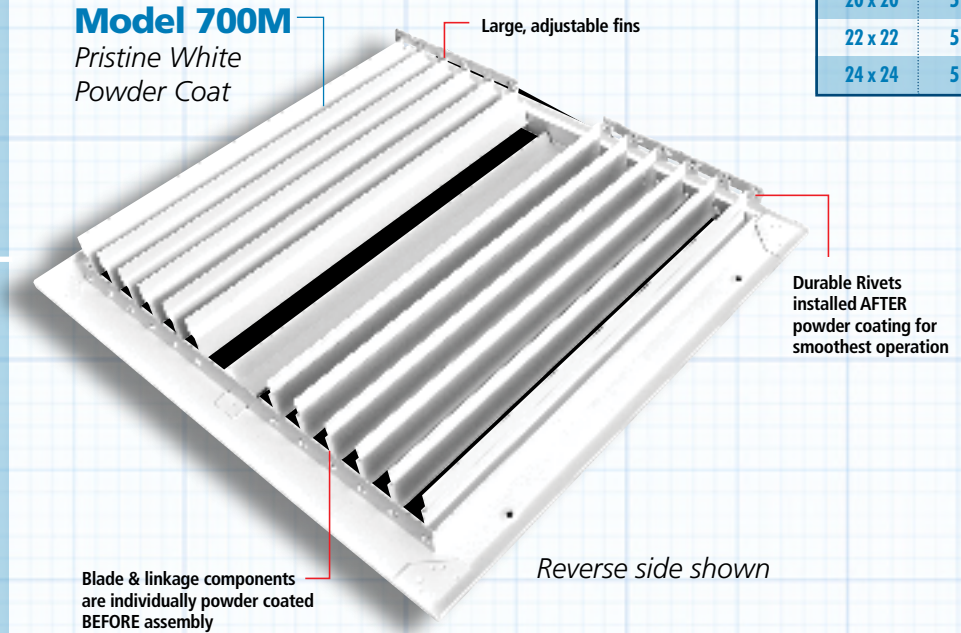


Shown Closed

**700 Series Options**

**Model 700M**

Pristine White  
Powder Coat



Large, adjustable fins

Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly

Reverse side shown

**Model 700M**

Shown in Closed Position

Countersunk Screw Holes



Rugged Steel Construction

700 Series	
FLUSH MOUNT	
6 x 6	10
8 x 8	10
10 x 10	10
12 x 12	10
14 x 14	10
16 x 16	5
18 x 18	5
20 x 20	5
22 x 22	5
24 x 24	5

**Model Number Specifications** 700 16 x 16  
 Stamped Louver Type Grille Grille Height Grille Width

### 800 Series

Simple, versatile, easy to operate, and easy to install. The 800 Series register face is the same pristine white powder-coat we use on everything we make. There are two different damper configurations to choose from, and both of them work with our ceiling mounted diffusers.

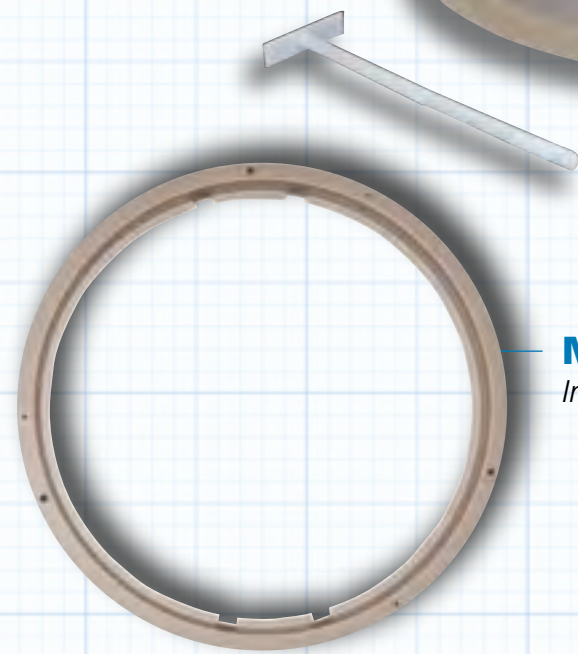
#### Model 800 Register Face



#### Model 801 Butterfly damper & installation ring



#### Model 803 Installation ring only



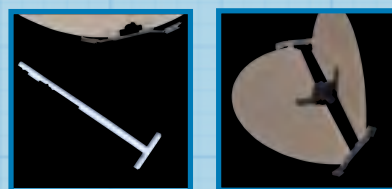
**Compare to:**

800
Hart & Cooley 16
Shoemaker 90
USAire 900
Continental 16
Lima 150
Airmate 800

#### Features

- Steel construction
- Countersunk screw holes
- Pristine white powder coat finish
- Optional butterfly damper
- Optional radial damper

#### Product Detail



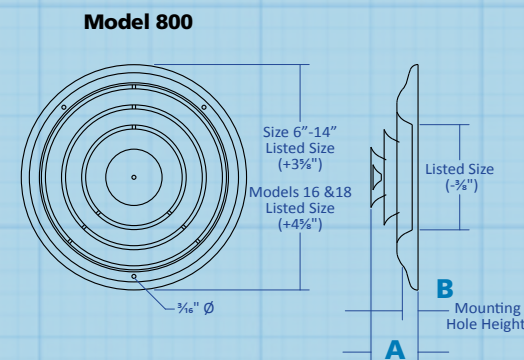
Operating Handle      Butterfly Damper

Sizes & Carton Quantity Chart

SIZE	800	801	803
6	20	20	20
8	20	20	20
10	20	20	20
12	20	20	20
14	10	10	10
16	10	10	10
18	10	10	10

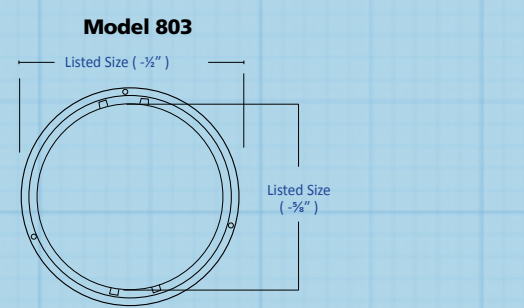
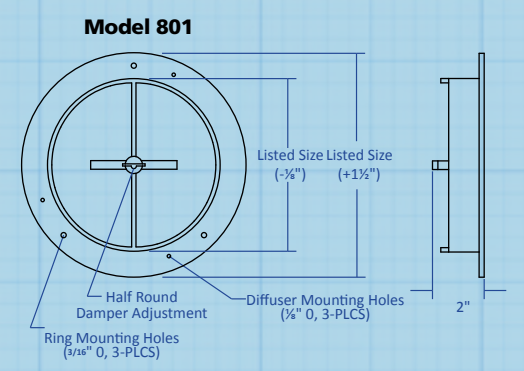
### 800 Series Options

Register manufacturers have never done a good job of explaining how different round ceiling diffusers and dampers work together. The illustration below will demonstrate a couple of the more commonly used installation configurations for you to choose from.



**800 Series Dimensions**

SIZE	A	B
6"	1 1/8"	7/16"
8"	1 1/8"	7/16"
10"	1 1/8"	7/16"
12"	1 1/4"	7/16"
14"	1 3/8"	7/16"
16"	1 5/8"	1/2"
18"	2"	1/2"



**Model Number Specifications**

8	0	3	10
Round Ceiling Diffusers			Nominal Duct Diameter
Surface Mount			06 = 6"Ø
Damper & Mounting Ring Options			08 = 8"Ø
0 = Round Diffuser			10 = 10"Ø
1 = Damper & Mounting Ring			12 = 12"Ø
3 = Mounting Ring			14 = 14"Ø
			16 = 16"Ø
			18 = 18"Ø

#### Model 801



#### Model 800



There are two different installation rings to choose from. The Model 801 installation ring includes a round butterfly damper. The damper can be opened and closed using the plastic "T" handle that is provided.

A typical installation of round registers requires the register face, and a mounting ring. The ring will be attached to the drywall or sheet rock, and then the register can be installed on the ring.

#### Model 803



#### Model 800

The other installation ring, Model 803, is used for installations where no damper is going to be required.

**880 Series**

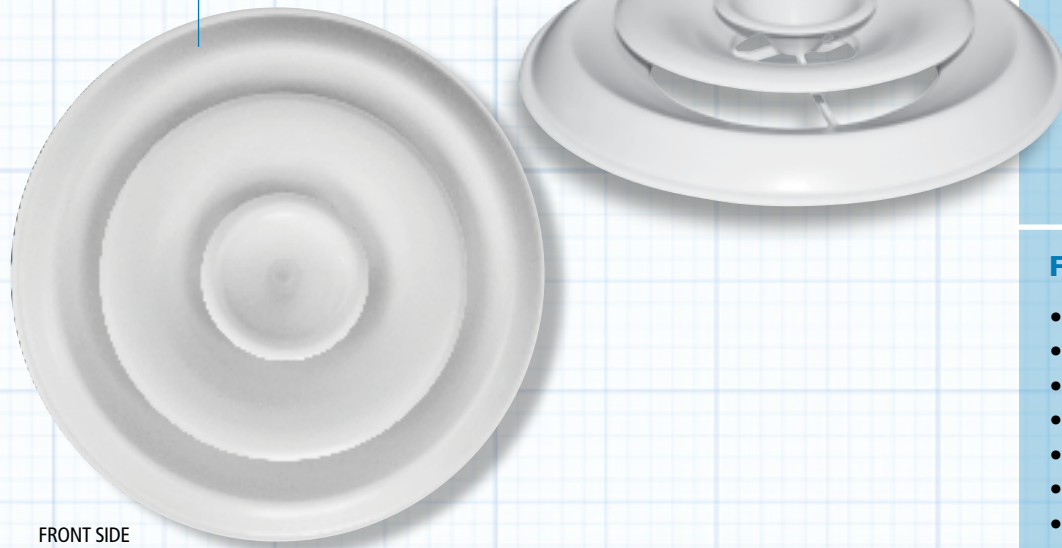
The 880 Series Round Commercial Diffusers are step-down ringed diffusers which are used to cover duct openings. Our product is constructed to ensure maximum airflow and the simple design will ensure that this duct diffuser streams air directly into your room. Made of high quality steel with a white powder coat finish each of our step down diffuser rings deflect the air stream 360 degrees.



**Model 880**

*Round Commercial Diffuser*

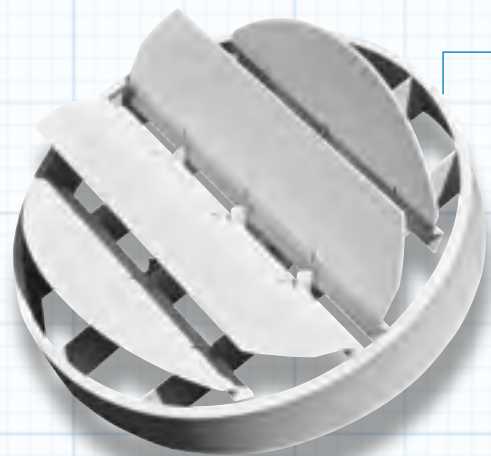
PROFILE VIEW



FRONT SIDE

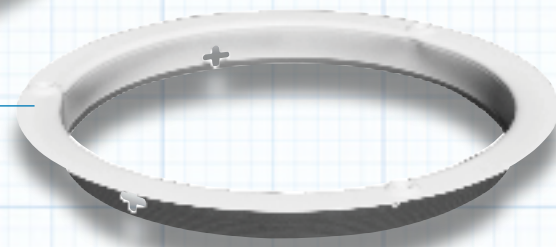
**Model 881**

*Round Opposed Blade Damper*



**Model 883**

*Round Surface Mount Ring*



**Features**

- Steel construction
- 3 Cones
- Uniform 360° airflow pattern
- Removable center core
- Pristine white powder coat finish
- Optional surface mount ring
- Optional opposed blade damper

**Product Detail**



3 Tier Step-Down



Durable Louvered Design



360-degree pattern, horizontal to vertical pattern change

**880 / 881 / 883 Stocking Sizes & Carton Quantity Chart**

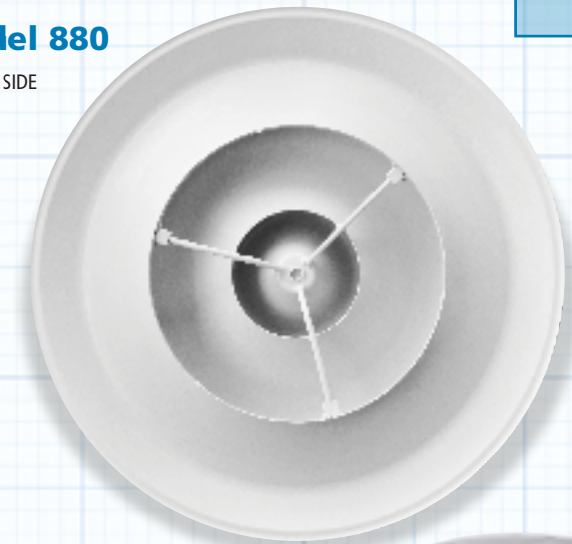
GRILLE DIAMETER	MODEL		
	880	881	883
6"	10	10	20
8"	5	10	20
10"	5	10	20
12"	1	10	10
14"	1	10	10
16"	1	5	10
18"	1	5	10

**880 Series Options**

Register manufacturers have never done a good job of explaining how different round ceiling diffusers and dampers work together. The illustration below will demonstrate a couple of the more commonly used installation configurations available for you to choose from.

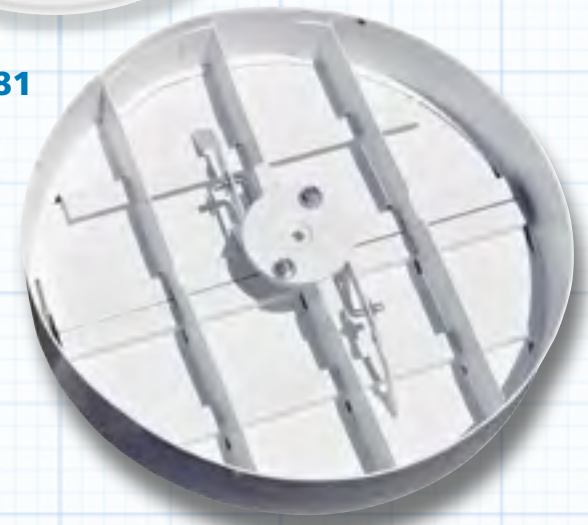
**Model 880**

REVERSE SIDE

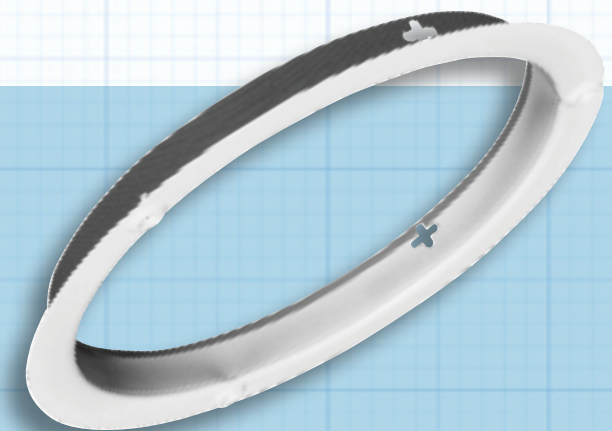


**Model 881**

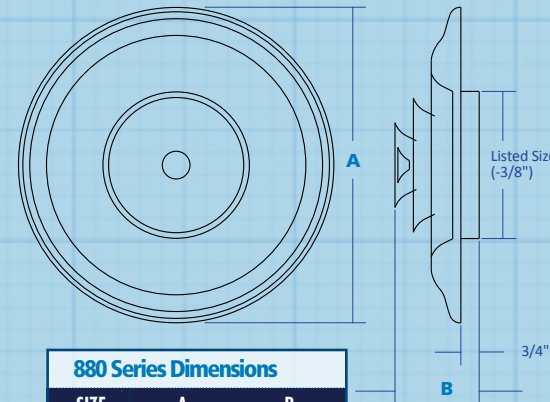
REVERSE SIDE



**Model 883**

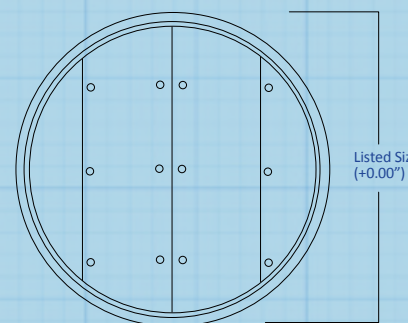


Model 880

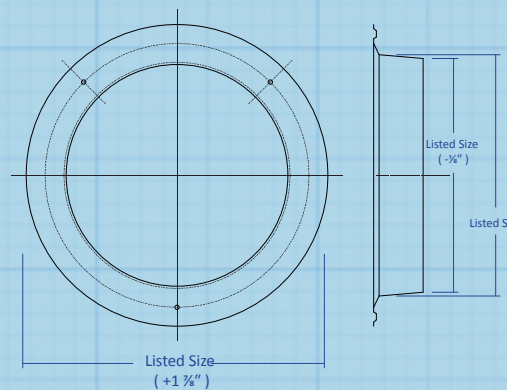


880 Series Dimensions		
SIZE	A	B
6"	11 1/4"	2 1/2"
8"	14 3/4"	2 1/2"
10"	18 1/2"	2 1/2"
12"	22"	3 3/8"
14"	25 1/4"	4"
16"	28 3/4"	4 3/8"
18"	32 1/4"	4 3/4"

Model 881



Model 883



**Model Number Specifications**

**883-10**

Round Ceiling Diffuser  
Duct Mount  
Damper & Mounting Ring Options

- 0 = Round Duct Diffuser
- 1 = Opposed Blade Damper
- 3 = Mounting Mounting Ring

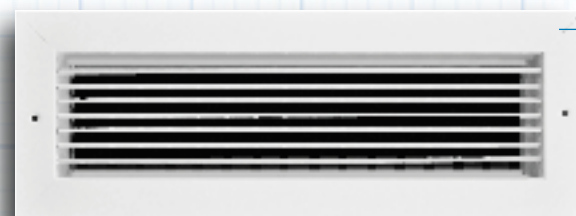
Nominal Duct Diameter

- 06 = 6"Ø
- 08 = 8"Ø
- 10 = 10"Ø
- 12 = 12"Ø
- 14 = 14"Ø
- 16 = 16"Ø
- 18 = 18"Ø

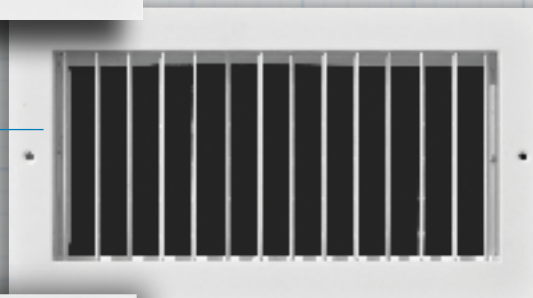
## A210 Series - Aluminum

Among the most versatile of all supply registers, the A210 Series Single Deflection register is available in a wide variety of configurations for almost any application. These registers feature an attractive and highly effective open blade design which allows increased airflow when compared to any stamped fin design. The single row of adjustable airfoil designed blades can be oriented horizontally or vertically.

Whether ceiling or sidewall, commercial or residential, these register delivers high capacity airflow, style & solid construction.



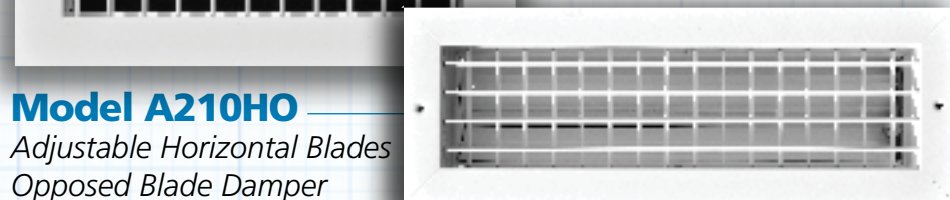
**Model A210H**  
Adjustable Horizontal Blades  
No Damper



**Model A210V**  
Adjustable Vertical Blades  
No Damper



**Model A210VM**  
Adjustable Vertical Blades  
SmoothGlide Multi-Shutter Damper



**Model A210HO**  
Adjustable Horizontal Blades  
Opposed Blade Damper



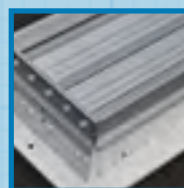
**Model A210VO**  
Adjustable Vertical Blades  
Opposed Blade Damper

Compare to:	A210VM	A210VO
Hart & Cooley	A618MS	A618OB
Shoemaker	950	950-O
USAire	VM	VD
Continental	AVM	X
Lima	AL900V	AL990VOBD
Airmate	A420-VM	AT420-VO

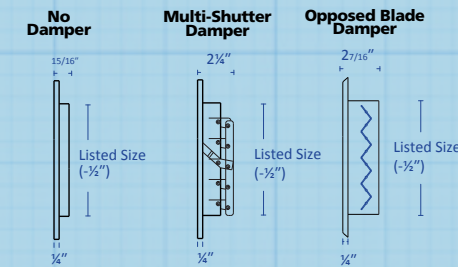
### Features

- Aluminum construction
- One piece frame (up to 14 x 10)
- 3/4" blade spacing
- Countersunk screw holes
- Individually adjustable horizontal or vertical airfoil blades
- Pristine white powder coat finish
- Optional SmoothGlide multi-shutter damper
- Optional opposed blade damper

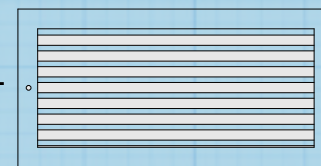
### Product Detail



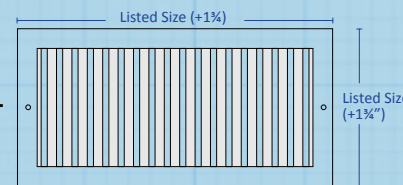
Durable Nylon Bushings



**MODEL A210H**



**MODEL A210V**

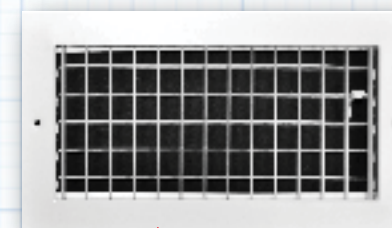
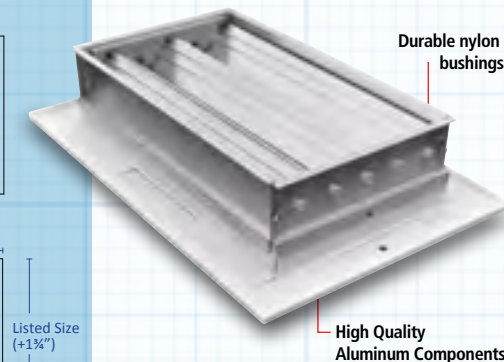


NOTE: All dimensions shown are typical for the A210 Series.

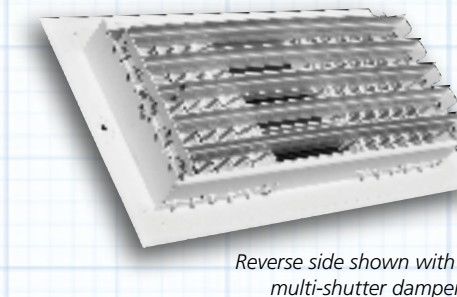
## A210 Series Options

### Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow requirements.



**Model A210VM**  
Detail showing 12"x 06" size with vertical blades and multi-shutter damper

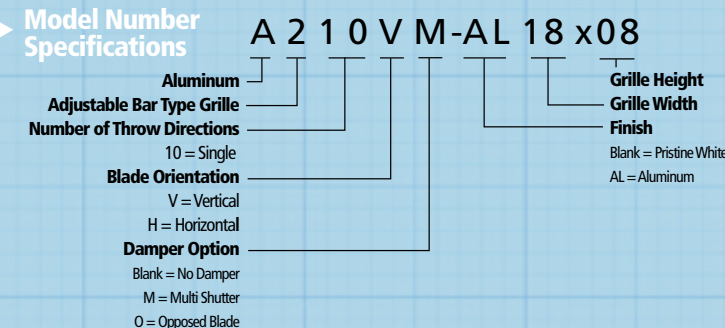


Reverse side shown with multi-shutter damper

### A210 SERIES STOCKING SIZES AND CARTON QTY CHART

Register Size (IN)	MODEL					
	A210H	A210HM	A210HO	A210V	A210VM	A210VO
6 x 4					20	
6 x 6	10				20	10
8 x 4	20		10		20	10
8 x 5					20	
8 x 6					20	10
8 x 8	5				20	5
10 x 4				20	20	
10 x 5					20	
10 x 6	20		5	20	20	20
10 x 8	20		5	20	20	5
10 x 10					10	5
12 x 4	20			20	20	
12 x 5					20	
12 x 6	20		5	20	20	5
12 x 8	10		10	10	10	5
12 x 10					10	5
12 x 12				10	12	2
14 x 4	20		5		20	
14 x 5					10	
14 x 6	10		5	10	10	5
14 x 8	10		5	10	10	5
14 x 10				10	10	2
14 x 12					10	
14 x 14				5	5	2
16 x 4					10	2
16 x 5					10	
16 x 6	10		5	10	10	5
16 x 8				10	10	2
16 x 10				5	10	
16 x 16	5		2		5	
18 x 4					10	5
18 x 6	10		5	10	10	5
18 x 8				5	10	5
18 x 10				5	10	
18 x 12					5	
20 x 4					10	
20 x 6				10	10	2
20 x 8				5	5	
20 x 10					5	5
20 x 12					5	
20 x 18					5	
20 x 20					5	
24 x 4					10	
24 x 6	10		2	5	5	2
24 x 8				5	5	2
24 x 10					5	
24 x 12					5	
24 x 14	5			5		
30 x 6	5		2		5	2
30 x 8						2
32 x 4						2
36 x 4						2

### Model Number Specifications



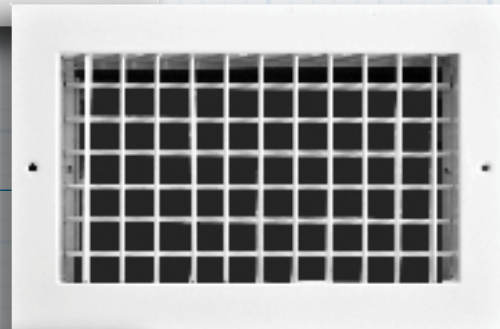
**A220 SERIES - Aluminum**

TRUaire's A220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable airfoil blades for maximum airflow control. They can be ordered with the horizontal row in front, (A220H), or with the vertical row in front, (A220V).

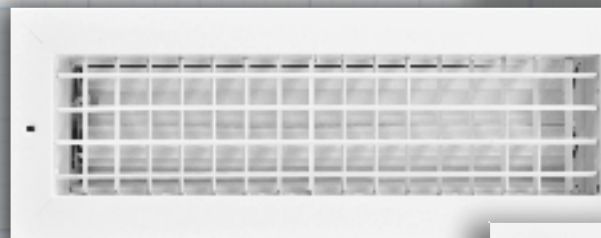
Whether commercial or residential, using an opposed blade damper or no damper at all, the A220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



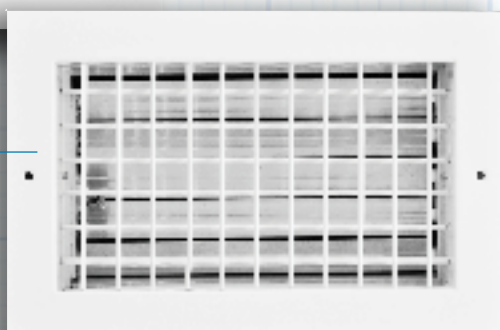
**Model A220H**  
Adjustable  
Horizontal Blades  
No Damper



**Model A220V**  
Adjustable Vertical Blades  
No Damper



**Model A220HO**  
Adjustable  
Horizontal Blades in front  
Opposed Blade Damper



**Model A220VO**  
Adjustable  
Vertical Blades in front  
Opposed Blade Damper

*NOTE: Also available in steel.  
See the 220 Series*

**Compare to:**

	A220V	A220VO
Hart & Cooley	--	--
Shoemaker	904	904-O
USAire	VH	VHD
Continental	--	--
Lima	AL990V	AL990VOBD
Airmate	E240V	E240VO

**Features**

- Aluminum construction
- One piece frame (up to 14 x 10)
- 3/4" blade spacing
- Countersunk screw holes
- Individually adjustable horizontal or vertical airfoil blades
- Pristine white powder coat finish
- Optional opposed blade damper

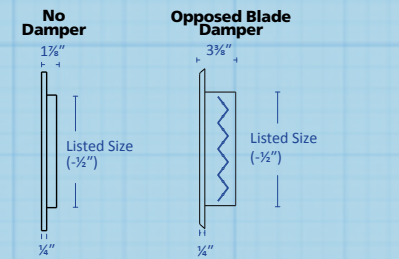
**Product Detail**



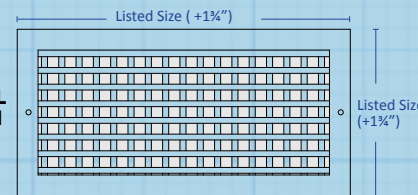
Square Corners



Nylon Bushings add tension to damper blades

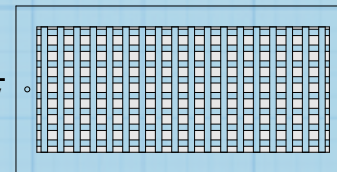


**MODEL A220H**



*NOTE: All dimensions shown are typical for the A220 Series.*

**MODEL A220V**

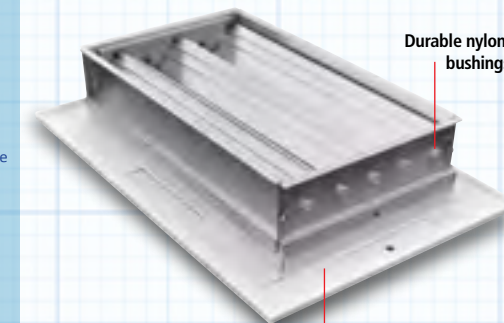


*Available in pristine white powder coat or aluminum finish*

**A220 Series Options**

**Opposed Blade Damper (OBD)**

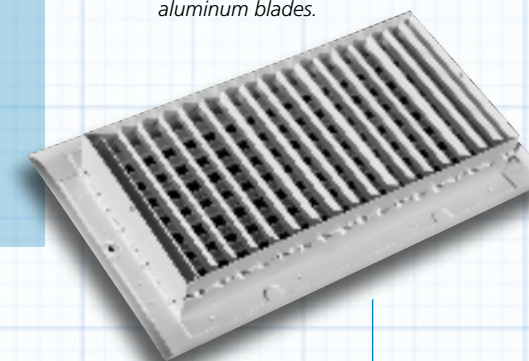
*Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow requirements.*



**Model A220HO**  
Reverse side shown

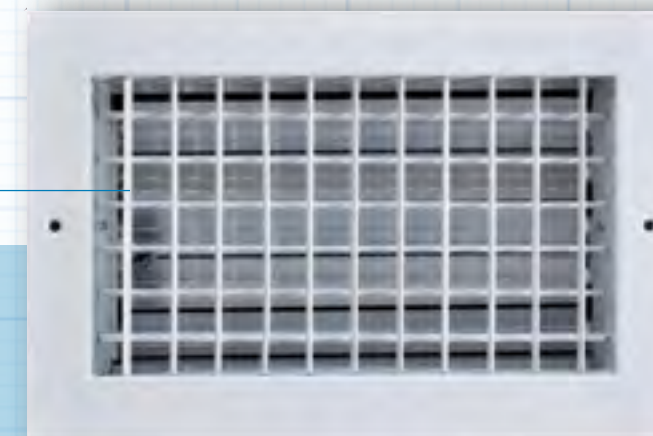
**Standard Configuration**

*Two perpendicular rows of individually adjustable aluminum blades.*



**Model A220H**  
Reverse side shown

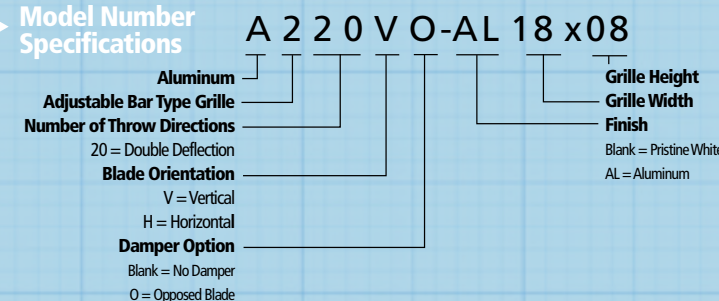
*Easily adjust aluminum blades to preferred air deflection.*



**A220 SERIES STOCKING SIZES AND CARTON QTY CHART**

Register Size (IN)	MODEL			
	A220H	A220HO	A220V	A220VO
6 x 4				10
6 x 6				10
8 x 4	20	10	20	10
8 x 6				10
8 x 8				5
10 x 4			10	5
10 x 6	20	5	5	5
10 x 8	10	5	5	5
10 x 10				5
12 x 4	10	10	10	10
12 x 6	20	5	10	10
12 x 8	10	5	10	5
12 x 10			20	5
12 x 12				2
14 x 4	10	5		
14 x 6	10	5	10	5
14 x 8	10	5	10	5
14 x 10			2	2
14 x 14				2
16 x 6	10	5	10	5
16 x 8			10	2
16 x 10			10	
16 x 16	5	2		2
16 x 20			5	2
18 x 4			10	5
18 x 6	10	5	10	5
18 x 8			5	2
18 x 10			5	
20 x 6				2
20 x 8			10	2
24 x 4	2			
24 x 6	10	2	10	2
24 x 8			10	2
24 x 10				
24 x 12				
24 x 14	5	2		2
30 x 4			5	2
30 x 6	5	2	2	2
30 x 8				1
30 x 16				2
32 x 8	5			
36 x 6				2

**Model Number Specifications**



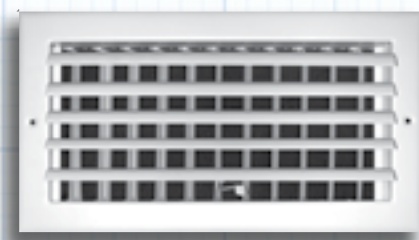
**A300 Series - Aluminum**

Truair's A300 series diffusers are the best of the best. Individually adjustable curved blades combined with 5 different face patterns provide the ultimate in air control. These sleek diffusers are made of aluminum so they are light-weight and will not rust. You can even add the extra control of our high-quality opposed blade damper.



**Model A301HM**

*Curved Blade - 1 Way*



**Model A302M**

*Curved Blade - 2 Way Horizontal*



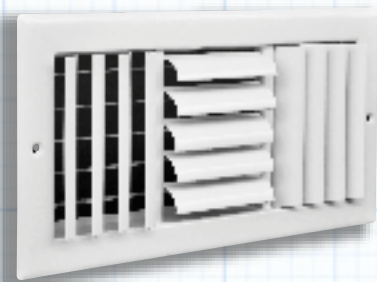
**Model A302VM**

*Curved Blade - 2 Way Vertical*



**Model A303M**

*Curved Blade - 3 Way*



**Model A304M**

*Curved Blade - 4 Way*



**Compare to: A301M A301O A302M A302O**

Hart & Cooley	A611MS	A611OB	A612MS	A612OB
Shoemaker	CB10HM	--	CB20HM	--
USAire	LM/LMH	LD	LTM	LTD
Continental	AACB1	--	AACB2	--
Lima	A271ML	--	AL272ML	--
Airmate	A451HM	AT451HO	A452HM	AT452HO

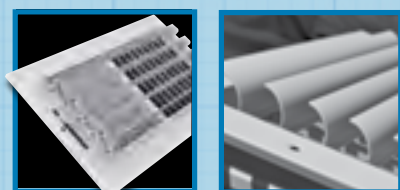
**Compare to: A303M A303O A304M A304O**

Hart & Cooley	A613MS	A613OB	A614MS	A614OB
Shoemaker	CB30HM	--	CB40HM	--
USAire	LSM3	LSD3	LS4M	LS4D
Continental	AACB3	--	AACB4	--
Lima	AL273ML	--	AL274ML	--
Airmate	A453HM	AT453HO	A454HM	AT454HO

**Features**

- Aluminum construction
- One piece frame (up to 14 x 10)
- Countersunk screw holes
- Individually adjustable curved blades
- Optional SmoothGlide multi-shutter damper
- Pristine white powder coat finish
- Optional opposed blade damper

**Product Detail**

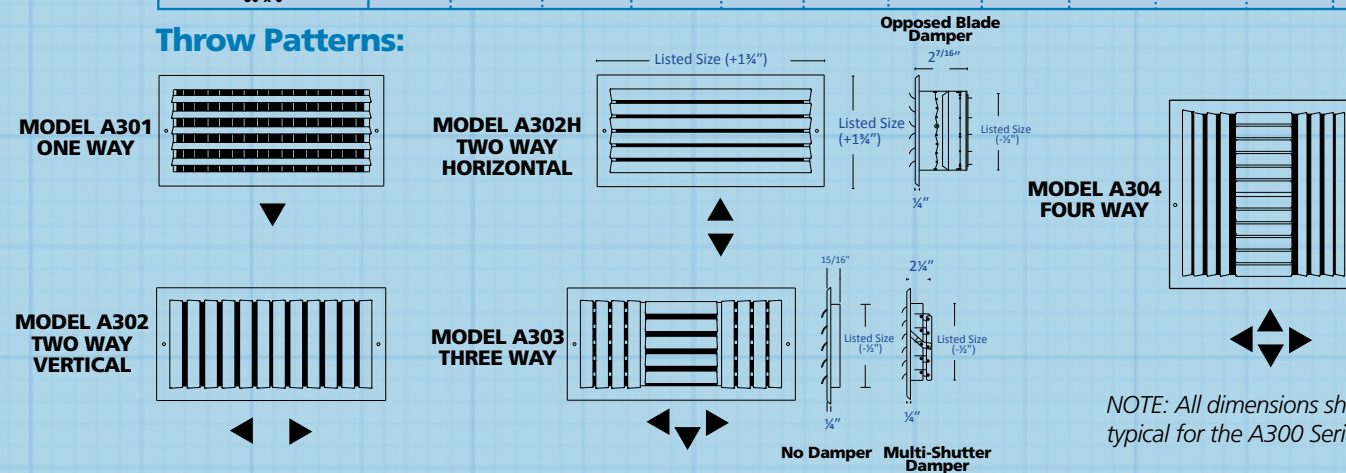


SmoothGlide dampers Large, adjustable blades

**A300 SERIES STOCKING SIZES AND CARTON QUANTITY CHART**

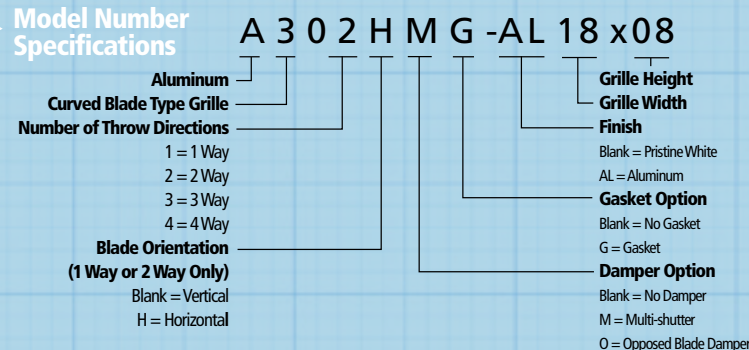
Register Size (IN)	MODEL													
	A301HO	A301HM	A301MG	A302M	A302MG	A302VO	A302VM	A303F	A303-O	A303M	A304F	A304-O	A304M	
4 x 4		20												
6 x 4		20	20	20										
6 x 6	10	20		20				20	10	20	20	10	20	
6 x 10		10												
8 x 4	10	20	20	20			20		10	20				
8 x 6	5	20	20	20						20				
8 x 8	1	10	20	10			10	10	5	10	10	5	10	
10 x 4		20		20						10				
10 x 6	5	10	10	10	10	10	10		5	10				
10 x 8	5	10	10	10			10			10				
10 x 10	5	10	10	10	10		10	10	5	10	10	5	10	
12 x 4		20		10										
12 x 6	5	10	10	10	10		10		5	10				
12 x 8	5	10	10	10	10	10	10		5	10				
12 x 10		10		10										
12 x 12	2	10	10	10			10	10	2	10	10	2	10	
14 x 4		10		10										
14 x 6	10	10	10	10	10		10		5	10				
14 x 8	5	10	10	10			10			10				
14 x 10		10		10										
14 x 12		10												
14 x 14		10		10					5	2		10	2	10
16 x 4		10												
16 x 6	5	10												
16 x 8		10												
16 x 10														
16 x 16		5								5		1	5	
18 x 6														
18 x 18		2										1	2	
20 x 6														
20 x 8		10												
20 x 10		10												
20 x 18														
20 x 20												1		
24 x 24														
30 x 6														

**Throw Patterns:**



NOTE: All dimensions shown are typical for the A300 Series.

**Model Number Specifications**



**A300MG with Gasket**  
Available in 1, 2, and 4 way air throw configurations.

Foam gasket

**A400 SERIES**

TRUaire's A400 series is a stamped aluminum register at heart but with a big difference. Unlike the 100 series stamped steel register, the blades on the face of the A400 series are stamped in a curve. This configuration provides a classy look, and a more even air pattern, all with the cost benefit of stamped steel.



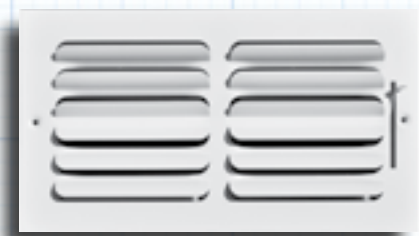
**Model A401M**

*Stamped Curved Blade  
1 Way Horizontal*



**Model A402M**

*Stamped Curved Blade  
2 Way Horizontal*



**Model A402VM**

*Stamped Curved Blade  
2 Way Vertical*



**Model A403M**

*Stamped Curved Blade - 3 Way*



**Model A404M**

*Curved Blade - 4 Way*



**Compare to:** A401M A402M A403M A404M

Hart & Cooley	301	302	303	304
Shoemaker	201H	202H	203	204
USAire	1201M	1202M	1203M	1204M
Continental	C1H	C2H	C3H	C4H
Lima	501CB1W	502CB2W	503CB3W	504CB4W
Airmate	601M	602M	603M	604M

**Features**

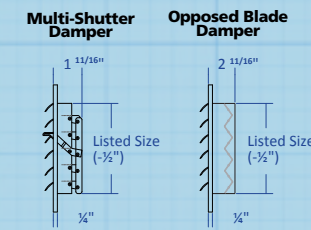
- Aluminum construction
- Countersunk screw holes
- Curved blade face
- SmoothGlide multi-shutter damper
- Pristine powder coat finish

**Product Detail**



Detail View of Damper Latch

Stamped Curved Blade Detail

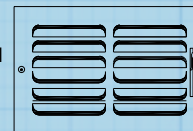


**Throw Patterns:**

**MODEL A401 ONE WAY**



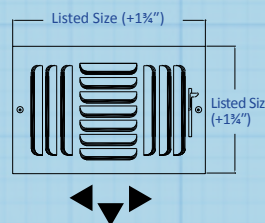
**MODEL A402H TWO WAY HORIZONTAL**



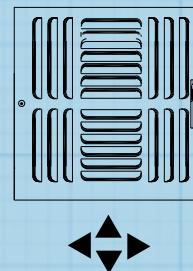
**MODEL A402 TWO WAY VERTICAL**



**MODEL A403 THREE WAY**

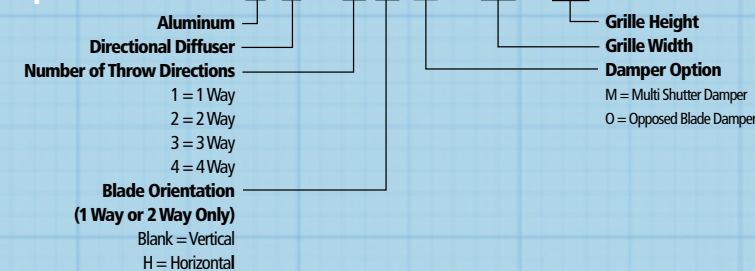


**MODEL A404 FOUR WAY**



NOTE: All dimensions shown are typical for the A400 Series.

**Model Number Specifications**



**A400 Series Options**

**SmoothGlide Damper**

SmoothGlide Technology is the very simple, albeit very expensive, process of carefully powder-coating each and every individual component of a register, prior to assembly. The finished product is a stamped steel register with 100% powder coat coverage and a smooth quiet damper assembly that glides open or closed with the touch of a finger.

**Model A402M**

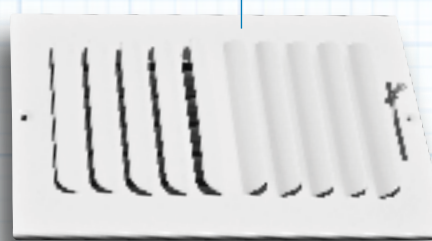
*Stamped Curved Blade  
2 Way - Horizontal*



Engineered stamped curved blades with pristine powder coat finish and countersunk screw holes.

**Model A402VM**

*Stamped Curved Blade  
2 Way - Vertical*



**Model A403M**

*Stamped Curved Blade  
3 Way*



**TRUaire SmoothGlide**

Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly

**A400 Series Stacking Sizes & Carton Quantity Chart**

SIZE	A401M	A403M	A404M
6 X 6	20		
8 X 4	20	20	20
8 X 6	20	20	
10 X 6	20	20	
10 X 8	20	20	20
10 X 10	20	20	20
12 X 6	20	20	
12 X 8	20	20	20
12 X 12	20	20	
14 X 6	20	20	20

## A500 Series - Aluminum

The A500 Series represents a great blend of form and function. The extruded aluminum blade and frame design is sleek and finished with our pristine white powder-coat process. The mitered corners are clean to the point of barely a notice.

At the same time, the durability of extruded aluminum won't rust and the sturdy frame and blade design come together for a lifetime of use. The A500 Series is available in a variety of airflow configurations and two different damper designs. Altogether then, this diffuser is as flexible as it is attractive.



### Model A501M

Ceiling Diffuser - 1 Way



### Model A503M

Ceiling Diffuser - 3 Way



### Model A505M

Ceiling Diffuser - 2 Way Corner



### Model A502M

Ceiling Diffuser - 2 Way



### Model A504M

Ceiling Diffuser - 4 Way



Compare to:	A500M	A500-O
Hart & Cooley	A500MS	A500-OB
Shoemaker	SDD	SDD-O
USAire	5200	5200-DA
Continental	AE-MS	AE-OB
Lima	AL160ML	AL160OBD
Airmate	E105M	E105-O

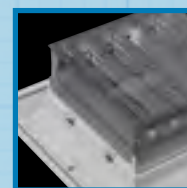
#### Features

- Extruded aluminum construction
- Mitered corners
- Countersunk screw holes
- 5 air patterns
- SmoothGlide multi-shutter damper
- Pristine white powder coat finish
- Optional opposed blade damper

#### Product Detail

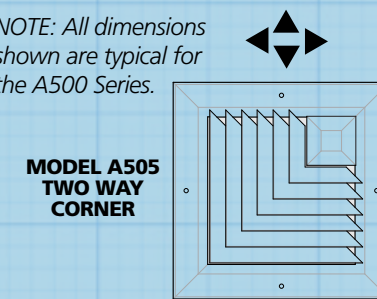
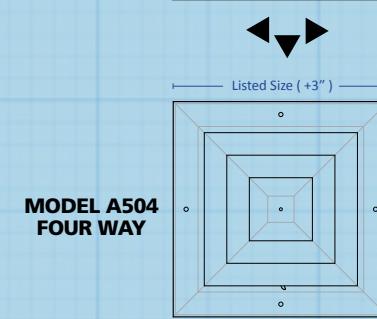
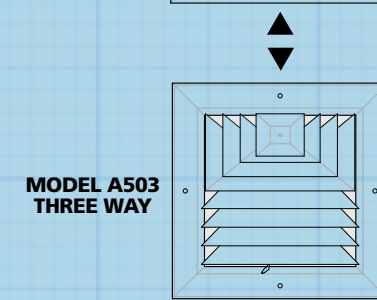
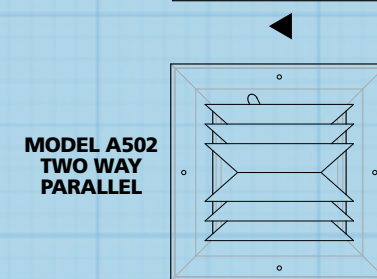
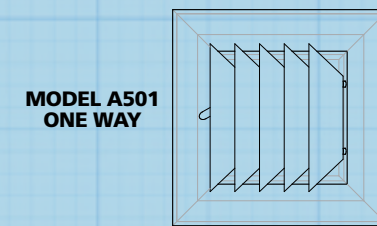


Mitered Frame Corner



Optional OBD Damper

#### Throw Patterns:



NOTE: All dimensions shown are typical for the A500 Series.

#### Model Number Specifications

**A 5 0 2 M 18 x 08**

Aluminum Directional Diffuser  
 Number of Throw Directions  
 1 = 1 Way  
 2 = 2 Way Parallel  
 3 = 3 Way  
 4 = 4 Way  
 5 = 2 Way Corner

Grille Height  
 Grille Width  
 Damper Option  
 M = Multi-Shutter Damper  
 O = Opposed Blade Damper

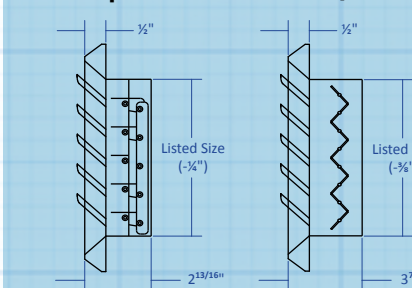
#### A500 SERIES STOCKING SIZES AND CARTON QUANTITY CHART

Register Size	A501M	A501-O	A502M	A502-O	A503M	A503-O	A504M	A504-O	A505M	A505-O
6 x 6	20	10	20	10	20	10	20	10	20	10
8 x 8	10	5	10	5	10	10	10	5	10	5
10 x 10	10	5	10	5	10	10	10	5	10	5
12 x 12	10	5	10	5	10	10	10	5	10	5
14 x 14	10	5	10	5	10	10	10	5	10	5

## A500 Series Options

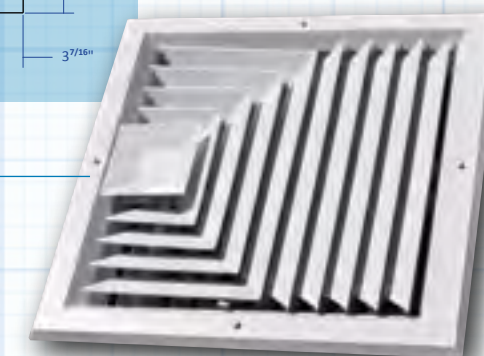
#### Multi-Shutter Damper

#### Opposed Blade Damper



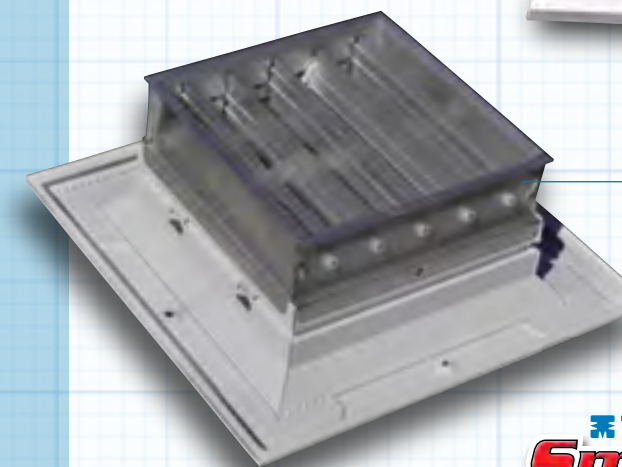
#### Model A503M

Detail view showing three-way air deflection pattern



#### Opposed Blade Damper (O)

Our top of the line OBD Damper for the ultimate in air control



**TRUaire SmoothGlide**

Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly



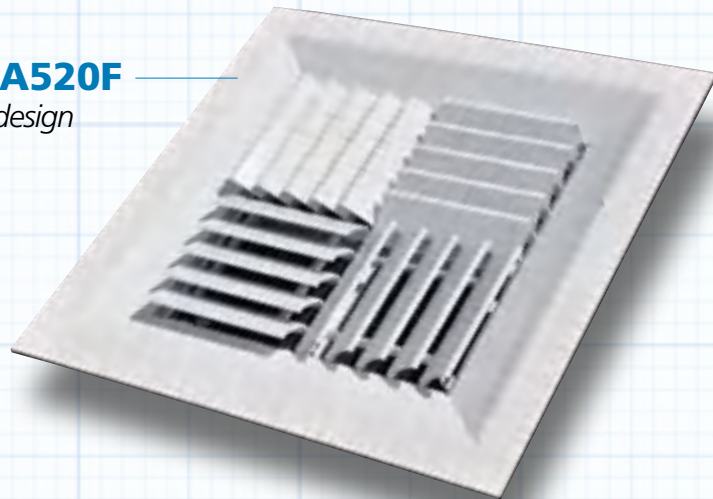
**A520 Series**

These modular core products are manufactured in a surface mount design, bringing total versatility to any drywall or sheetrock ceiling installation. Made with the highest quality extruded aluminum, the removable "cores" can be arranged in one, two, three, four, and two-way corner throw configurations.

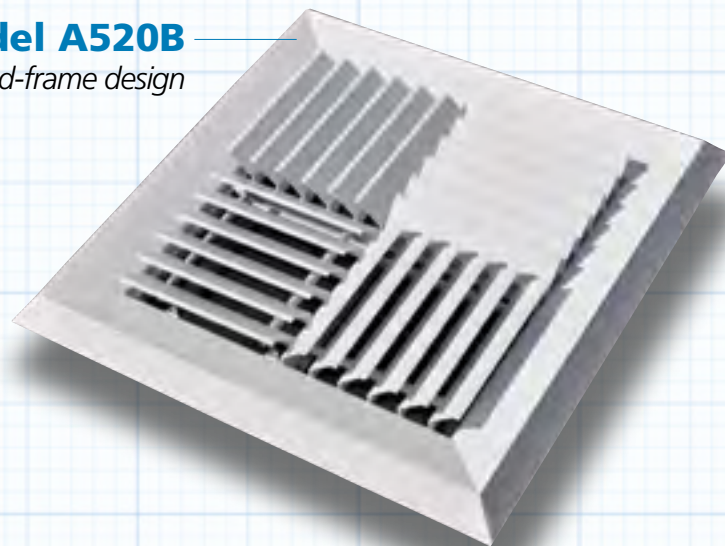
TruAire proudly offers two architecturally different frame styles; featuring either flat-frame or bevel-frame designs and an optional high-quality aluminum opposed blade damper system.



**Model A520F**  
Flat-frame design



**Model A520B**  
Beveled-frame design



Compare to:	A520
Hart & Cooley	MCD-1
Titus	MCD-1
Shoemaker	MA
Metal Aire	9000
Price	AMCD
Krueger	1200

**Features**

- Extruded aluminum construction
- Beveled or flat frame options
- Field configurable throw patterns; one, two, three or four way
- Pristine white powder coat finish
- Optional opposed blade damper

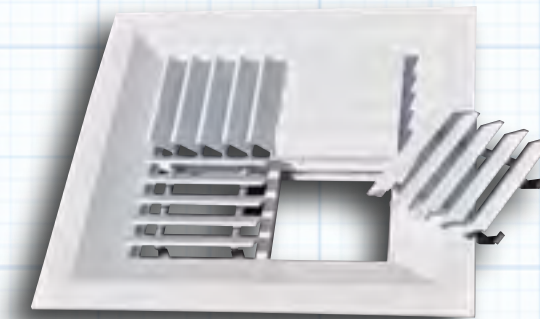
**Product Detail**



Beveled Frame Design Flat Frame Design

**A520 Series Options**

**Model A520F - Flat Frame Design**  
(Shown with detached core)



Remove cores to access screw holes along interior frame

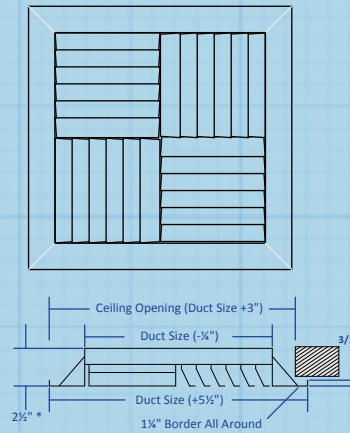
**Reverse Side**



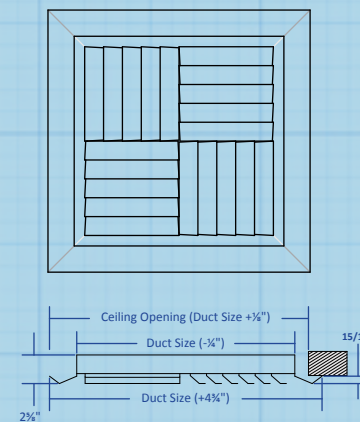
**Optional Opposed Blade Damper**

With quiet, high-quality nylon bushings

**Model A520F - Flat Frame**

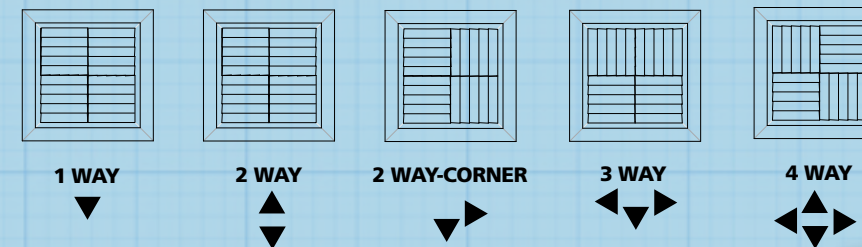


**Model A520B - Beveled Frame**



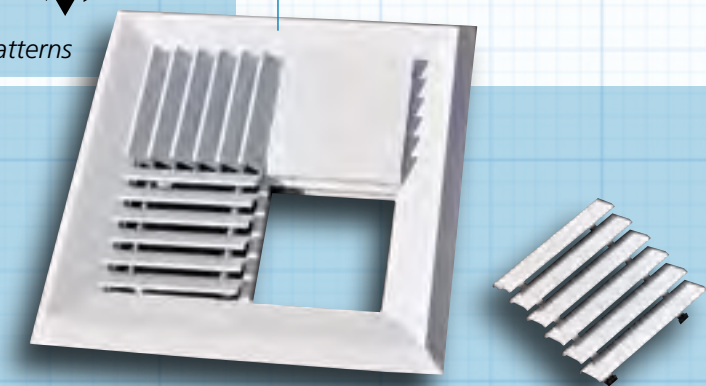
*NOTE: Optional opposed blade damper increases the overall height by 1 1/2"*

**Field Configurable Throw Patterns**



Detachable core panels can be arranged in a variety of airflow patterns

**Model A520B Beveled Frame Design**



**Model Number Specifications**

**A 5 2 0 F O 10 x 10**

Aluminum Modular Core Diffuser  
 Frame Type: F = Flat, B = Beveled  
 Damper Option: Blank = No Damper, O = Opposed Blade Damper

**Grille Size**

- 06X06 = 6" x 6"
- 08X08 = 8" x 8"
- 10X10 = 10" x 10"
- 12X12 = 12" x 12"
- 14X14 = 14" x 14"
- 16X16 = 16" x 16"
- 18X18 = 18" x 18"
- 20X20 = 20" x 20"
- 24X24 = 24" x 24"

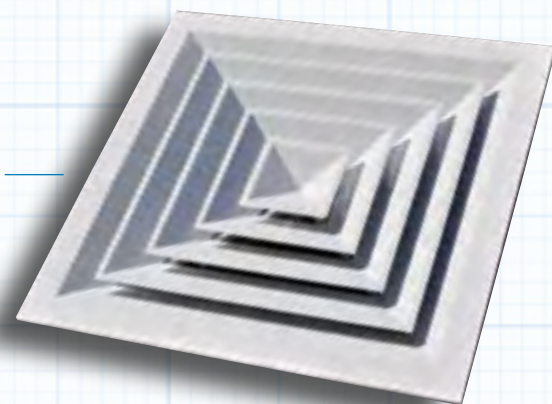
### A540 Series

The Directional Diffusers made for surface mount installations represent an attractive alternative to other ceiling diffuser options. These diffusers are manufactured exclusively in highest quality extruded aluminum material, with removable cores and feature a sleek low profile blade design that comes in a Flat-frame or Beveled-frame style.

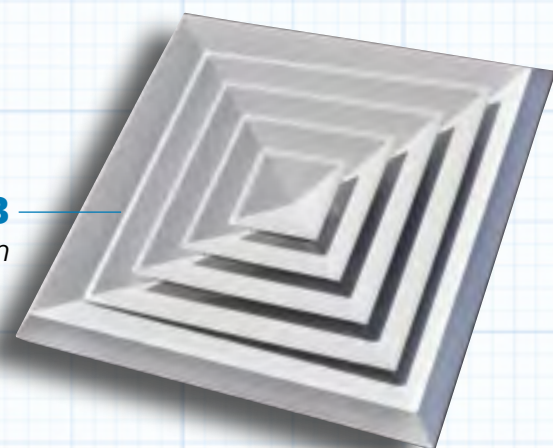
This is a versatile, attractive series for office installations with drywall/sheetrock ceilings instead of a T-Bar design. Each is available with optional aluminum opposed blade dampers and feature five airflow patterns.



**Model A544F**  
Flat-frame design



**Model A544B**  
Beveled-frame design



Compare to:	A540
Hart & Cooley	SRE/SRS
Titus	TDC
Shoemaker	DVD
Metal Aire	5500
Price	SMD
Krueger	SH

#### Features

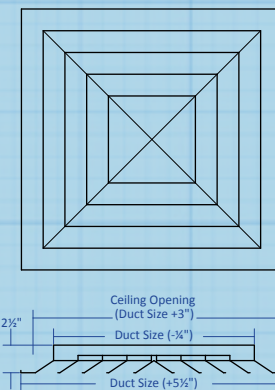
- Extruded aluminum construction
- Beveled or flat frame options
- 5 air throw patterns
- Removable core
- Pristine white powder coat finish
- Optional opposed blade damper

#### Product Detail

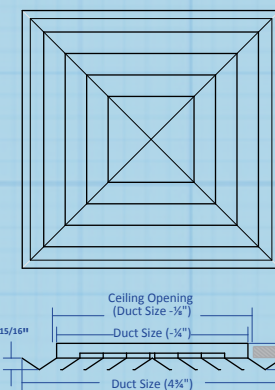


Beveled Frame Design Flat Frame Design

#### MODEL A540F



#### MODEL A540B



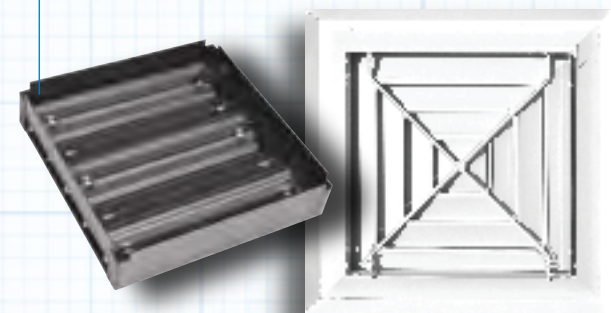
NOTE: Optional opposed blade damper increases the overall height by 1/2"

### A540 Series Options

**Model A544F - Flat Frame**  
(Shown with core attached)

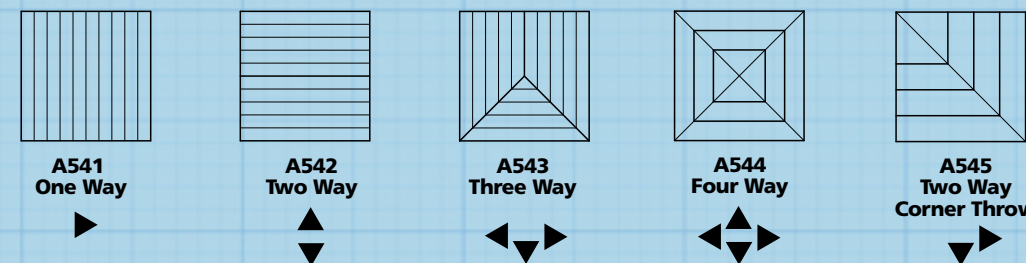


**Optional Opposed Blade Damper**  
With quiet, high-quality nylon bushings



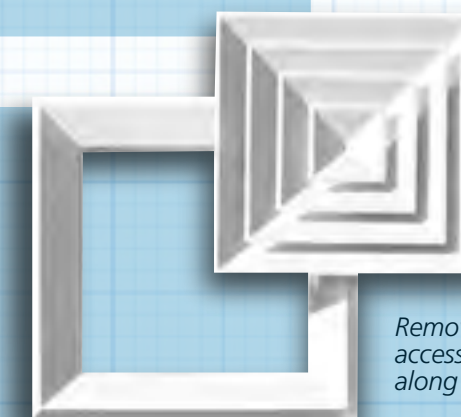
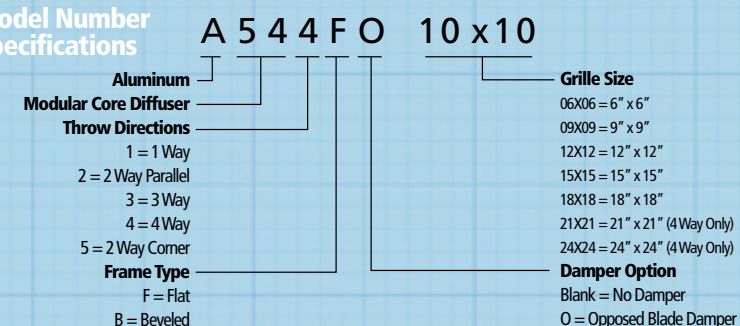
Reverse Side

#### Throw Patterns:



**Model A544B Beveled Frame**  
(Shown with core removed)

#### Model Number Specifications



Remove cores to access screw holes along interior frame

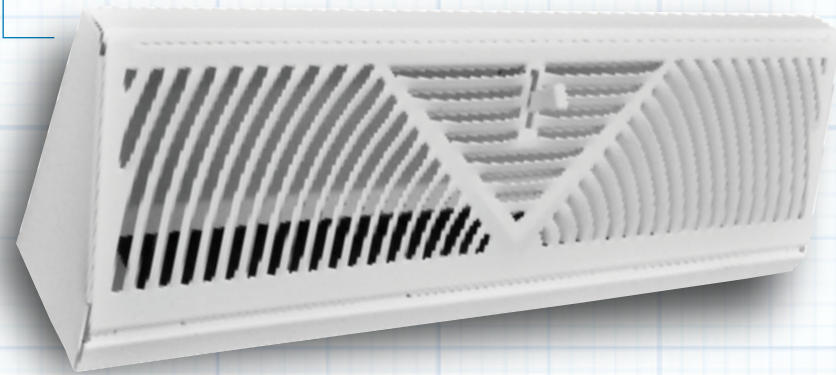
**115 / 118 / 120 Series**

TRUaire proudly offers a sunburst blade pattern baseboard model manufactured with the same high-quality features including SmoothGlide dampers and powder-coat finishes. This model comes in three different lengths.



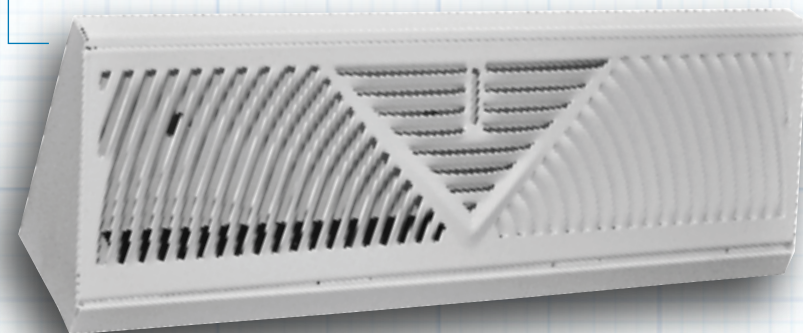
**SUPPLY**

15" Shown



**RETURN**

15" Shown



**Compare to:** 115SW 115RW 118SW 118RW 120SW

	115SW	115RW	118SW	118RW	120SW
Hart & Cooley	470	471	470	471	462
Shoemaker	406	407	406	407	--
USAire	1330	1341	1340	1340	--
Continental	150	1505	180	1805	240
Lima	--	--	--	--	72
Airmate	350	351	350	351	350

**Features**

- Steel construction
- Available in sunburst blade pattern
- Supply register furnished with SmoothGlide dampers
- Available in either non-scuff textured brown or pristine white powder coat finish

**Product Detail**

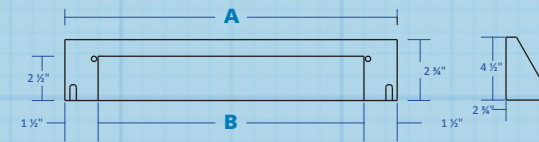


Detail View of Sunburst Fin Design



Easy-Open Tab Face

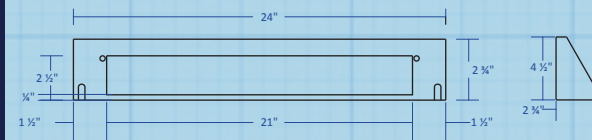
**MODEL 115/118 Bottom and Side View**



**115 / 118 / 120 DIMENSIONS**

MODEL	A	B
115	15	12
118	18	15
120	24	21

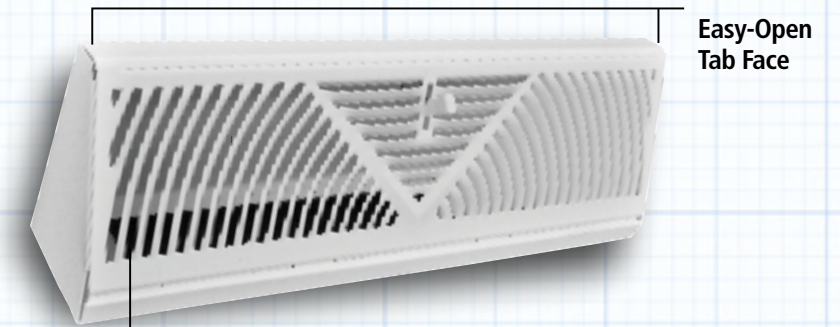
**MODEL 120 Bottom and Side View**



**Available Sizes & Options**

**Model 115SW Supply**

15" Shown - Also available in 18" & 24"



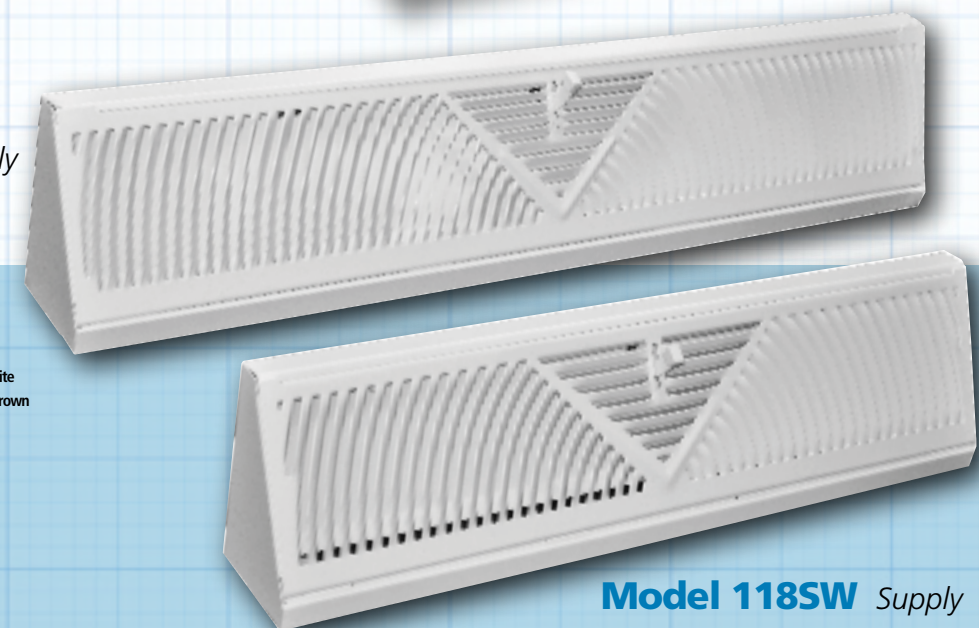
Easy-Open Tab Face



Shown in OPEN position

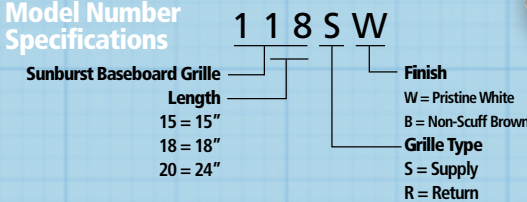
Sunburst fin design

**Model 120SW Supply Only**



**Model 118SW Supply**

**Model Number Specifications**



PLEASE CONTACT US FOR ANY SIZES NOT LISTED

## Designer Baseboard Series

Each of our decorative baseboard diffusers allow the ability to update your home's look while also improving the heating or cooling. Choose from plated steel, resin composite or solid oak designs. These grilles are easy to install along the baseboard due to the removable faceplate and cleaning them is a snap.

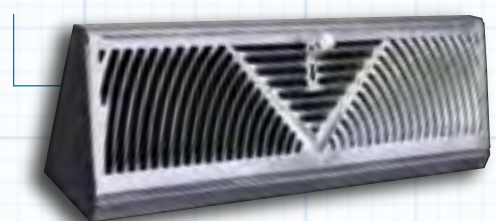


### SUPPLY

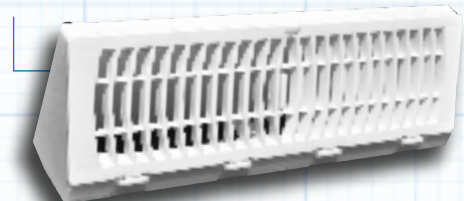
Oil Rubbed Bronze Finish



Satin Nickel Finish



Resin Composite Baseboard White Finish



### RETURN

Oil Rubbed Bronze Finish



Satin Nickel Finish



Resin Composite Baseboard Brown Finish



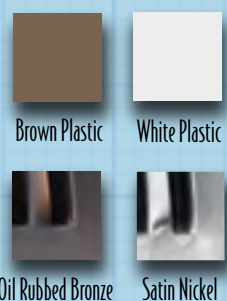
#### Compare to: 115S 115R 118S 118R

	115S	115R	118S	118R
Hart & Cooley	470	471	470	407
Shoemaker	875	875	875	875
USAire	1330	1341	1340	1340
Continental	150	1505	180	1805
Lima	470	471	470	471
Airmate	350	351	350	351

#### Features

- Steel construction (excluding models SWP and SBP)
- Models SWP and SBP are made from resin composite
- Sunburst blade pattern
- Easy opening tab face
- SmoothGlide damper (excluding SWP and SBP)

#### Finishes:

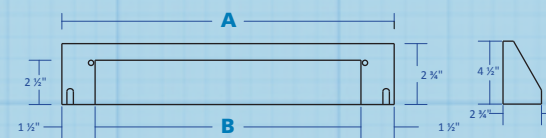


#### Product Detail



Resin Composite available in 2 finishes Easy-Open Tab Face

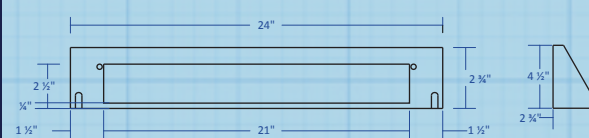
#### MODEL 115/118 Bottom and Side View



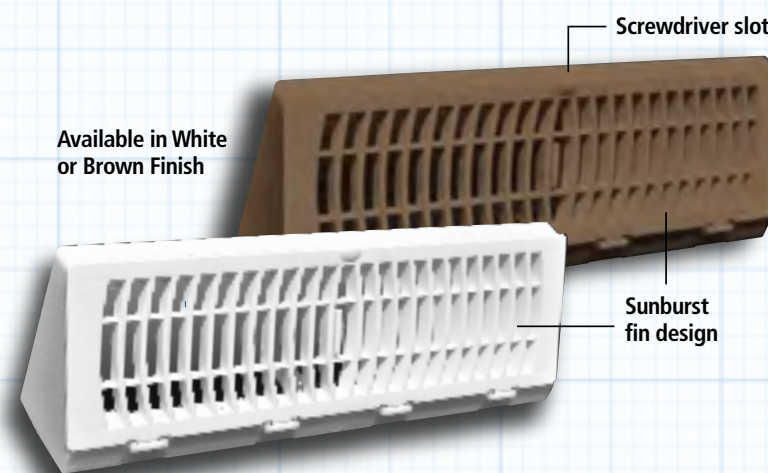
#### 115 / 118 / 120 DIMENSIONS

MODEL	A	B
115	15	12
118	18	15
120	24	21

#### MODEL 120 Bottom and Side View



Available in White or Brown Finish



#### Model Number Specifications

1 1 8 S R B

- Sunburst Baseboard Grille
- Length
  - 15 = 15"
  - 18 = 18"
  - 20 = 24"
- Grille Type
  - S = Supply
  - R = Return
- Finish
  - RB = Oil Rubbed Bronze
  - SN = Satin Nickel
  - WP = White Resin Composite
  - BP = Brown Resin Composite

Shown in OPEN position

#### SUPPLY MODELS STOCKING SIZES AND CARTON QUANTITY CHART

Length (IN)	FINISH					
	W	B	RB	SN	WP	BP
15	20	20	20	20	20	20
18	20	20	20	20	20	20
24	10	10	10	10	N/A	N/A

#### RETURN MODELS STOCKING SIZES AND CARTON QUANTITY CHART

Length (IN)	FINISH					
	W	B	RB	SN	WP	BP
15	20	20				
18	20	20				
24	10				N/A	N/A

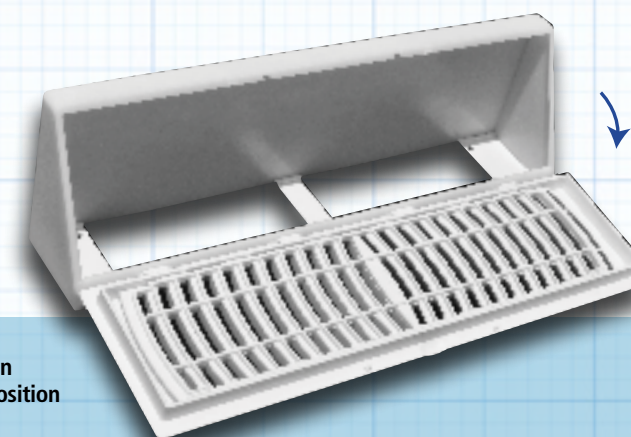
#### Model 115RB

15" Shown - Also available in 18" and 24".



#### Model 115SN

15" Shown - Also available in 18" and 24".



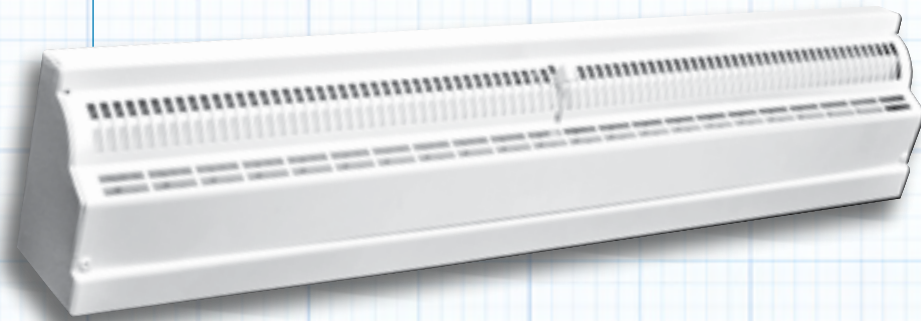
**121S Series**

TRUaire offers a deluxe baseboard diffuser manufactured with the same high-quality features including SmoothGlide dampers and powder coat finishes. This model comes in either a 24" length or 48" length.



**Model 121SW-24**

24" Deluxe Baseboard Diffuser



**Compare to: 121S**

Hart & Cooley	462
Shoemaker	-
USAire	-
Continental	240
Lima	72
Airmate	350

**Features**

- Steel construction
- Available in 24" and 48" lengths
- Supply register furnished with dampers
- Available in either non-scuff textured brown or pristine white powder coat finish

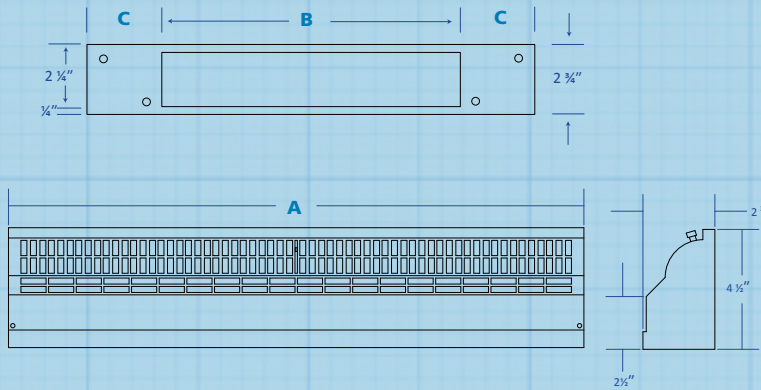
**Available Finishes**



**Product Detail**



Slotted Vent Design      Detail View of Damper Latch



**121S-24 & 121S-48 SIZING & DIMENSIONS**

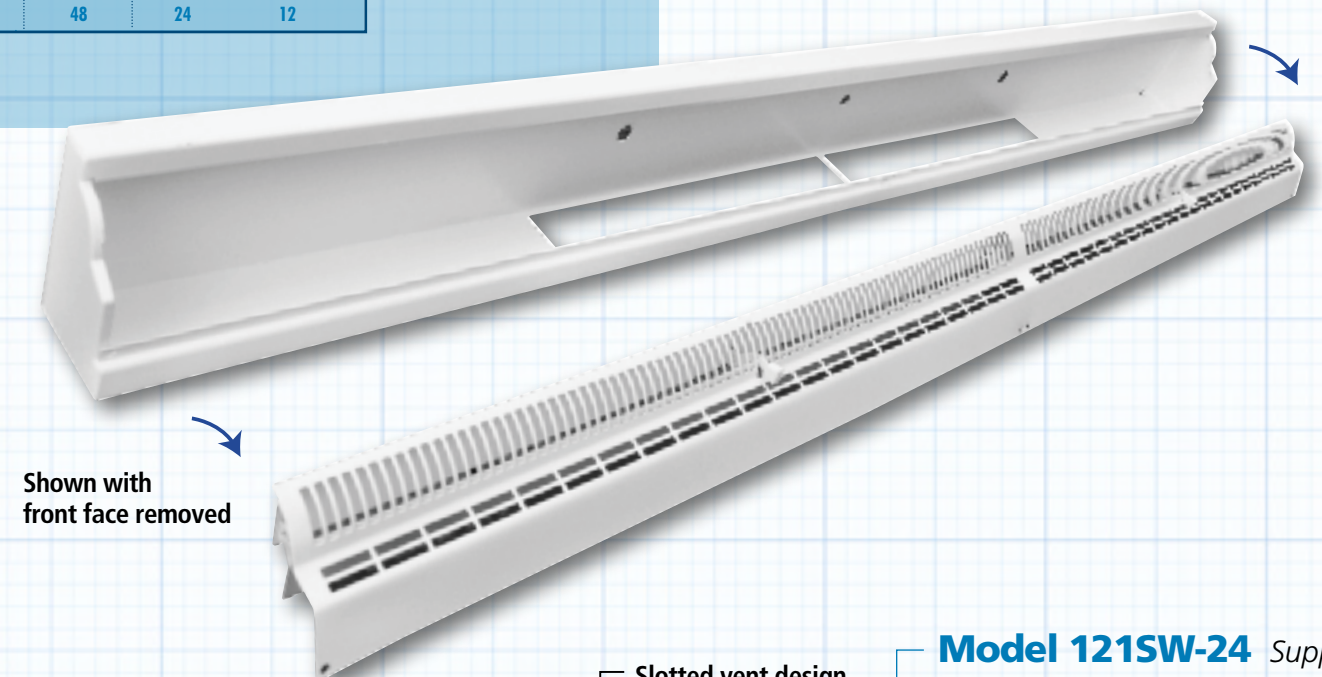
MODEL	A	B	C
24	24	16	4
48	48	24	12

**Sizes & Carton Quantity Chart**

SIZE	121SW-24	121SB-24	121SW-48	121SB-48
24	10	10		
48			1	1

**Available Sizes & Options**

**Model 121SW-48** Supply  
48" Shown - Also available in 24"

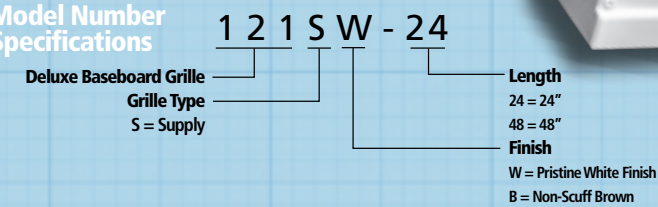


Shown with front face removed

**Model 121SW-24** Supply  
24" Shown - Also available in 48"

Slotted vent design

**Model Number Specifications**



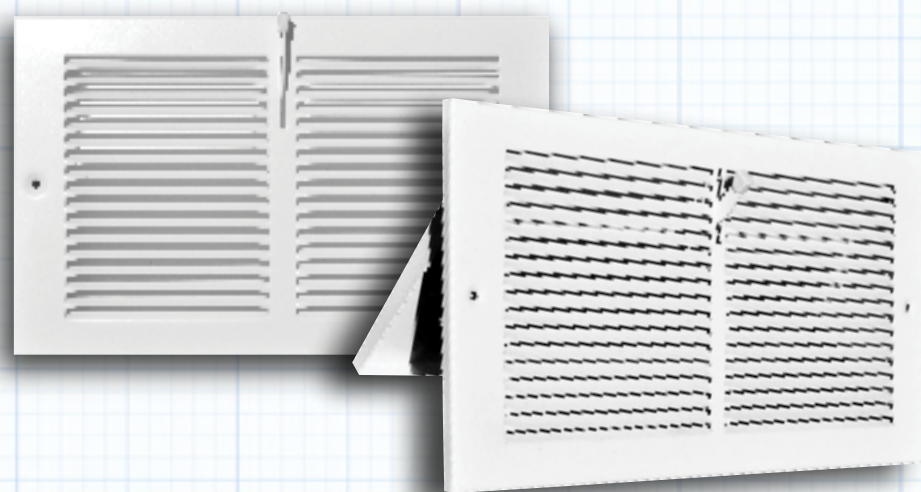
**122 / 123 Series**

TRUaire proudly offers a complete line of baseboard products, manufactured with the same high-quality features including SmoothGlide dampers and pristine powder-coating. Most of these models are available in 1/2" or 1/3" blade spacing.



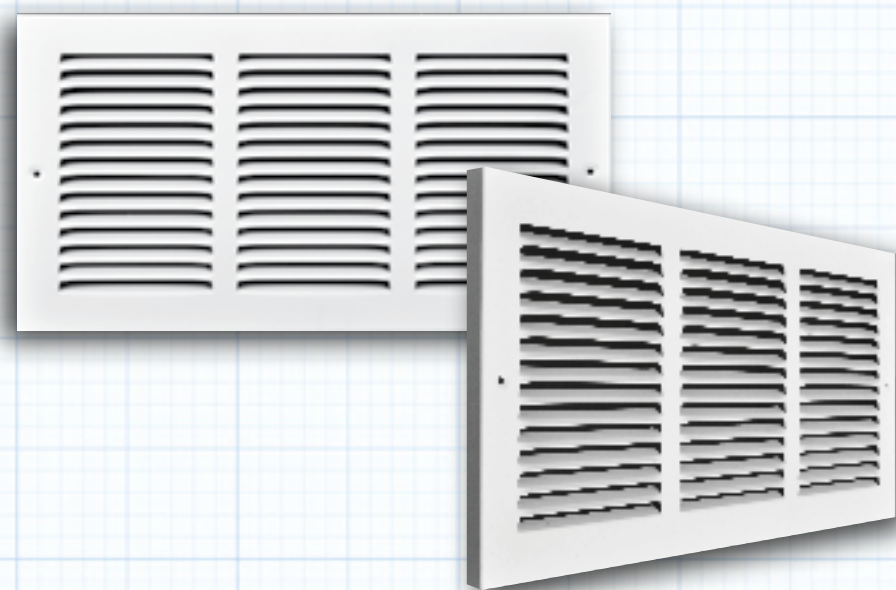
**Model 123SD-1**

Two Way - 1/2" Spaced Blade - 1/4" Turnback



**Model 122RW**

One Way - 1/2" Spaced Blade - 3/4" Turnback



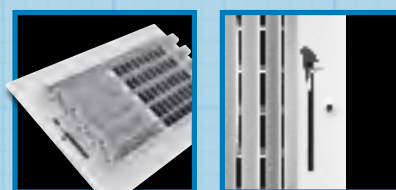
**Compare to: 122**

Hart & Cooley	674
Shoemaker	1150
USAire	-
Continental	BG21
Lima	60GH7
Airmate	171

**Features**

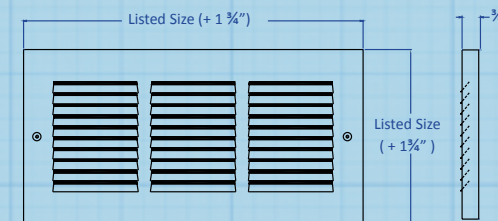
- Steel construction
- Available in 1/2" and 1/3" blade spacing
- Countersunk screw holes
- Supply register furnished with SmoothGlide damper
- Pristine white powder coat finish

**Product Detail**

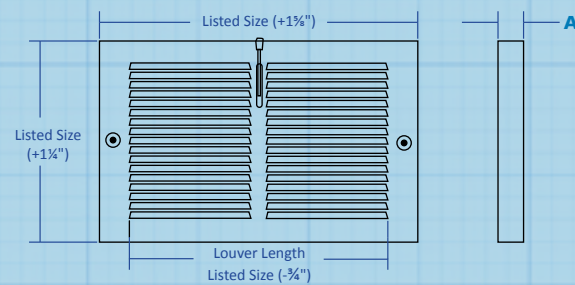


SmoothGlide Damper Linkage and Rivets    Detail View of Damper Latch

**RETURN**



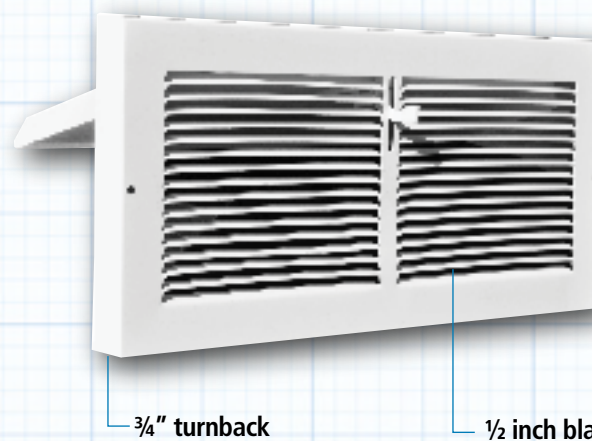
**SUPPLY**



MODEL	A
122SD-1	1/4"
122SD-2	3/4"

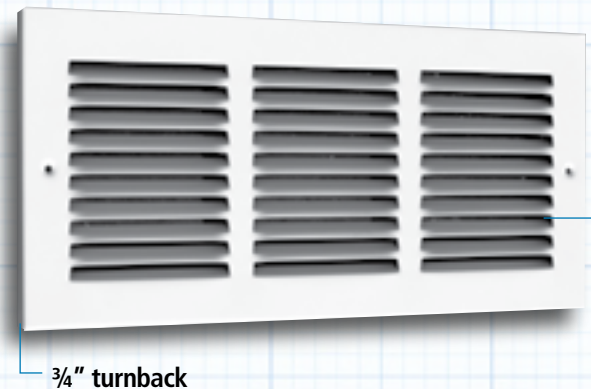
**Model 123SD-2**

Two Way - 1/2" Spaced Blade  
3/4" Turnback

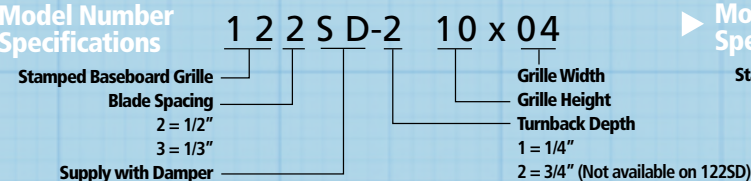


**Model 122RW**

One Way - 1/2" Spaced Blade  
3/4" Turnback

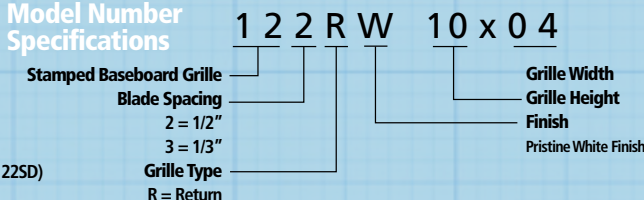


**Model Number Specifications**



**SUPPLY**

**Model Number Specifications**

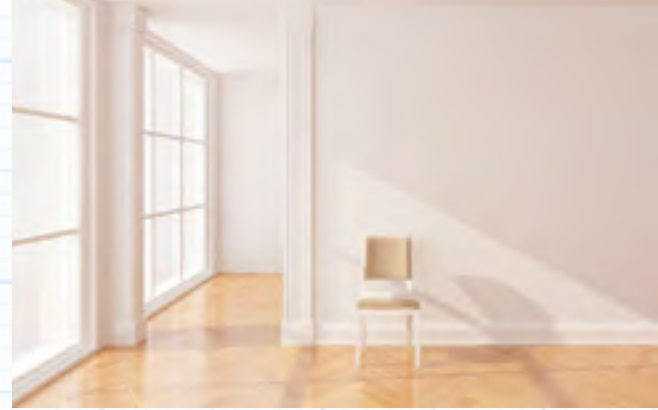


**RETURN**

122/123 Series					
Size (IN)	122RW	122SD-1	123RW	123SD-1	123SD-2
8 x 4		20	20	20	
8 x 6		20	20	20	
10 x 4		20		20	
10 x 6	20	20	20	20	10
10 x 8	20		20		
12 x 4		20		20	
12 x 6	20	20	20	20	10
12 x 8	20		20		
14 x 4			20		
14 x 6		20		20	10
14 x 8	20		20		
14 x 10	20		20		
14 x 12	20		20		
16 x 6	20		20		
16 x 8	20		20		
20 x 6	20		10		
20 x 8	10		10		
20 x 10			10		
24 x 6	20		20		
24 x 8	10		10		
24 x 10	10		10		
24 x 12	10		10		
30 x 6	20		20		
30 x 8	10		10		
30 x 10	10		10		
30 x 12	10		10		
30 x 14	5				
36 x 6	10		10		
36 x 8	10		10		
36 x 10	10				
36 x 12	5				

**123M/124M/125T Series**

TRUaire proudly offers a complete line of baseboard products, manufactured with the same high-quality features including SmoothGlide dampers and pristine powder-coating. Most of these models are available in a variety of fin designs, fin spacing, and in either white or brown finishes.



**Model 123M**

Two Way 1/3" Spaced Blade - 3/4" Turnback



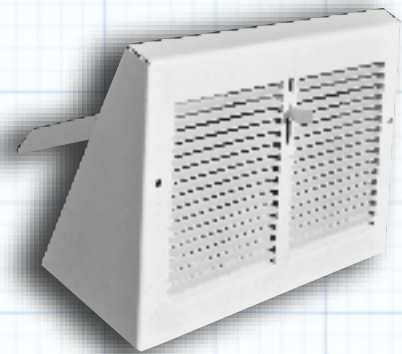
**Model 124M**

Sidewall Supply - Bottom Open - 3/4" Turnback



**Model 125TS**

Single Damper - Supply 1/3" Blade Spacing



**Model 125TR**

No Damper - Return 1/3" Blade Spacing



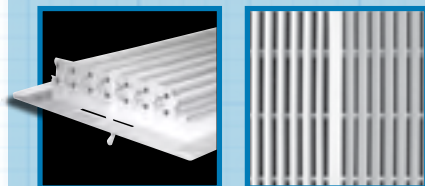
**Compare to:** 123M 123R 124M 125TR 125TS

Hart & Cooley	664	657	-	658	655
Shoemaker	855	133	855	1165	-
USAire	1300	-	-	-	-
Continental	BG32	BG31	B32	BEG21	55
Lima	-	671	667	652	649
Airmate	-	174	164	-	-

**Features**

- Steel construction
- Available in 1/3" blade spacing
- Countersunk screw holes
- Supply register furnished with SmoothGlide dampers
- Pristine white powder coat finish

**Product Detail**



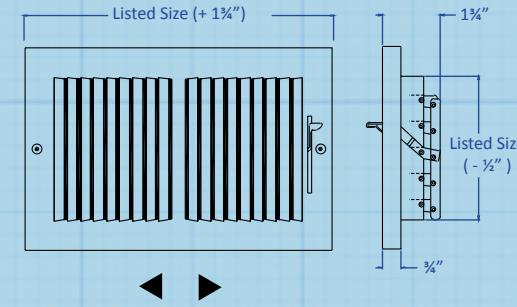
SmoothGlide Damper Linkage and Rivets 1/3" Blade Spacing

**123M / 124M / 125T Series Options**

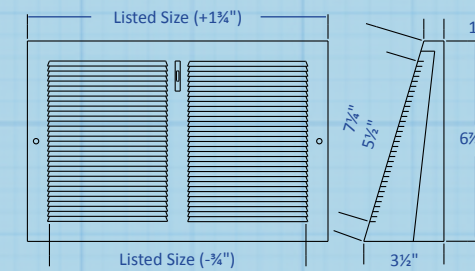
**STOCKING SIZES AND CARTON QTY CHART**

Register Size (IN)	MODEL		
	124M	125TS	125TR
8 x 6		10	
10 x 6	20	10	10
10 x 8	20		
12 x 6	20	10	10
12 x 8	20		
14 x 6	20	10	10
14 x 8	10		10
24 x 6			10
24 x 8			10
30 x 6			10
30 x 8			10

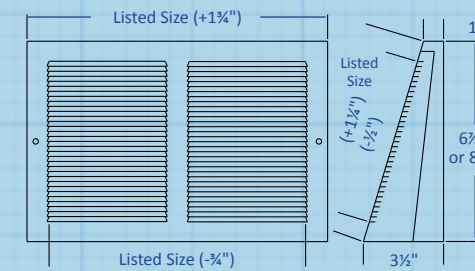
**Model 124M**



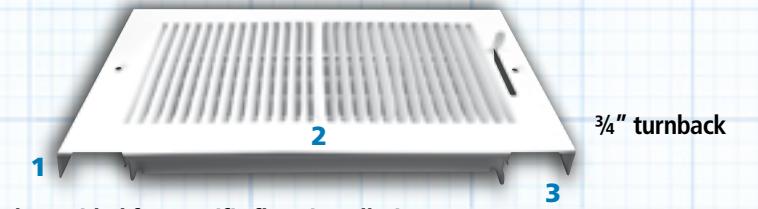
**Model 125TS**



**Model 125TR**

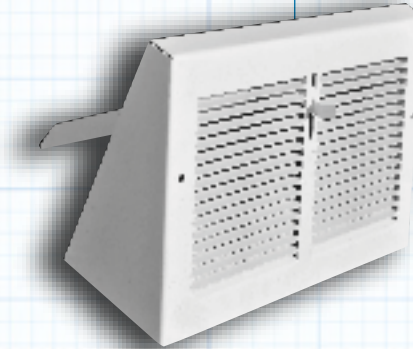


**Model 124M**

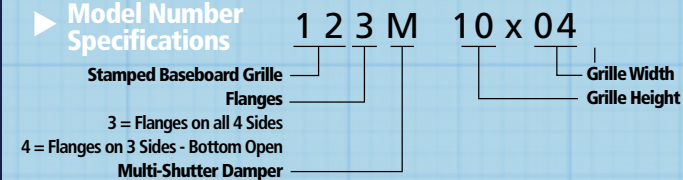


Three-sided for specific floor installations - Without a fourth turnback side on bottom

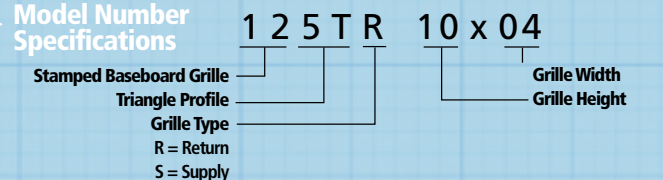
**Model 125T**



**Model Number Specifications**



**Model Number Specifications**



**150M Series**

The 150M floor register series represents a wide range of variety, creative design and bold innovation. Even the most basic model brings with it unparalleled standards of excellence that is the hallmark of the TRUaire brand. This wide variety of designs includes the basic register model, the deluxe register model and the over-sized mobile home model. Each is available in our high quality non-scuff textured brown or white powder-coat finish.



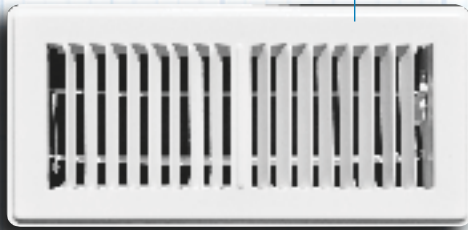
**Model 150MB**

Two Way - Brown Finish



**Model 150MW**

Two Way - White Finish



**Model 153MB**

Three Way - Brown Finish



**Model 153MW**

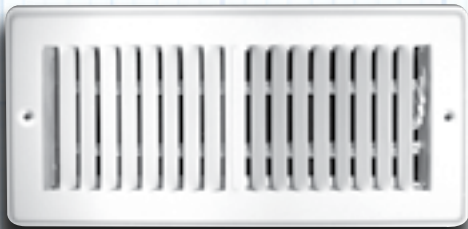
Three Way - White Finish



**Model 155MM** Mobile Home

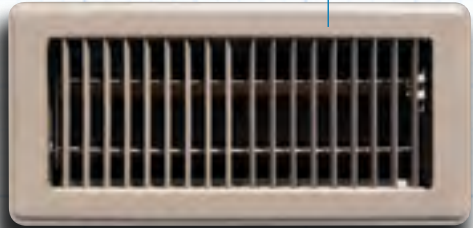


**Model 155MW** Mobile Home



**Model 157MB**

Deluxe - Brown Finish



**Model 157MW**

Deluxe - White Finish

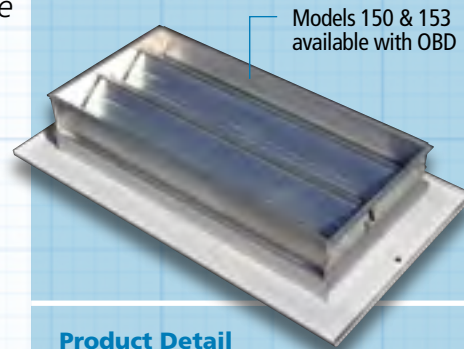


**Compare to:**

	150	153	150T	150R
Hart & Cooley	421	--	420	265
Shoemaker	350	--	TS	1600
USAire	1510D	--	1320	1530
Continental	28	--	TG32	F25
Lima	800	--	875	825
Airmate	302	--	301	325

**Features**

- Heavy steel construction
- Countersunk screw holes on Model 155M
- One piece frame
- SmoothGlide multi-shutter damper
- Foot operated wheel control
- Available in either non-scuff textured brown or pristine white powder coat finish

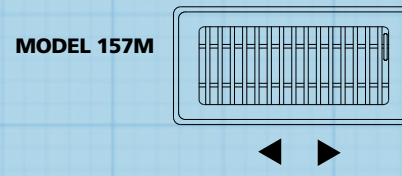
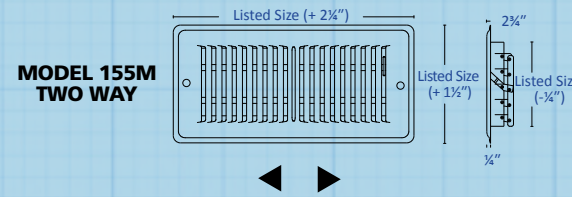
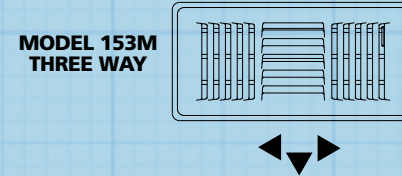
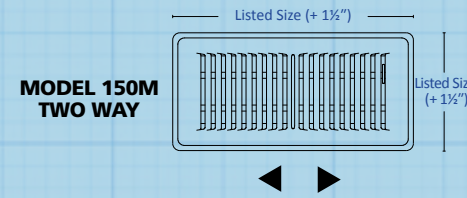
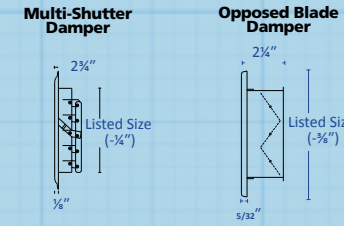


Models 150 & 153 available with OBD

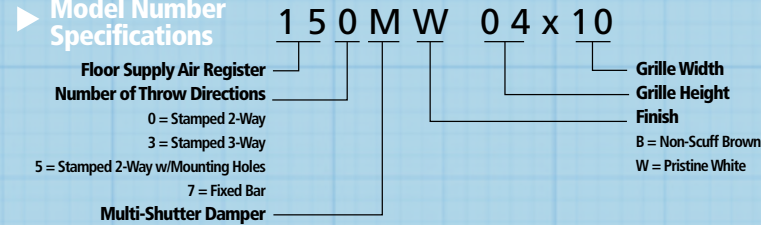
**Product Detail**



SmoothGlide Damper Linkage and Rivets Revolutionary, New Three-Way Floor Register



**Model Number Specifications**



**150 Series Options**

Specifically designed for greater airflow, which means lower energy costs for you and your home. Available in either white or brown finish and in standard 4"x10" and 4"x12" sizes.

**Model 150MB**

Two Way - Brown Finish



**Model 153MB**

Three Way - Brown Finish



**Model 155MM** Mobile Home



Featuring a wider frame and counter-sunk screw holes, which is ideal for the Mobile Home industry.

**Model 157MB** Deluxe - Brown Finish



The Deluxe Model is manufactured with individually welded blades, each set at gradually greater angles, for better air dispersion.



Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly

**150 SERIES STOCKING SIZES AND CARTON QTY CHART**

Register Size (IN)	WIDTH (IN)			
	150MB/MW	153MB/MW	155MM/MW	157MB/MW
2 x 8	20			
2 x 10	20		20	20
2 x 12	20		20	20
2 x 14	20		20	20
4 x 8	20		20	20
4 x 10	20	20	20	20
4 x 12	10	10		20
4 x 14	10	10		10
6 x 8	20			20
6 x 10	10	10	10	10
6 x 12	10	10		10
6 x 14	10	10		10



**150TS / 173TS Series**

Each model in the toe space grille lineup offers an understated yet dependable and simple vent underneath your cabinet. Available in brown or white, this is a grille only, no damper product.



**Model 150TSW**

Grille - White Finish



**Model 150TSB**

Grille - Brown Finish



**Model 173TSW**

Grille - White Finish



**Model 173TSB**

Grille - Brown Finish



**Compare to:** 150TS 173TS

Hart & Cooley	420
Shoemaker	TS
Continental	TG32
USAire	1320

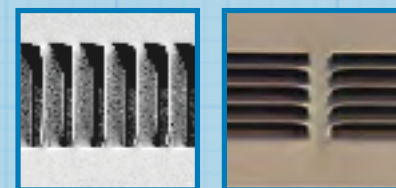
**Features**

- Steel construction
- Countersunk screw holes
- Available in non-scuff brown or pristine white powder coat

**Finishes**



**Product Detail**



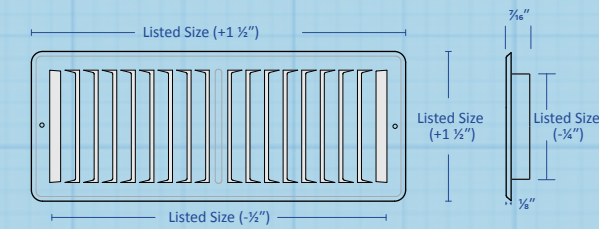
1/2" Blade Spacing on 150TS Models

1/3" Blade Spacing on 173TS Models

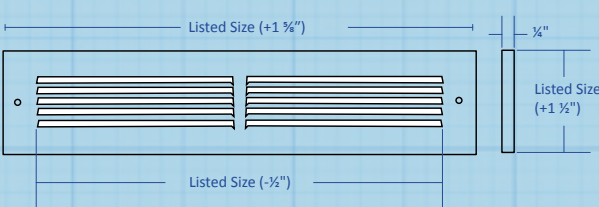
**150TS AND 173TS SERIES STOCKING SIZES AND CARTON QUANTITY CHART**

Register Size (IN)	MODEL			
	150TSB	150TSW	173TSB	173TSW
2 x 8	20	20		
2 x 10	20	20	20	20
2 x 12	20	20	20	20
2 x 14	20	20	20	20
4 x 8	20	20		
4 x 10	20	20		
4 x 12	20	20		
4 x 14	20	20		
6 x 8		20		
6 x 10	20	20		
6 x 12	20	20		
6 x 14	20	20		

**Model 150TS**



**Model 173TS**

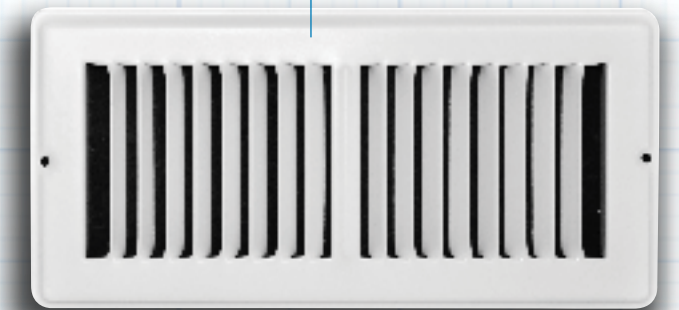


**Available Sizes & Options**

**Model 150TSW**

Heavy Duty Toe Space Grille (04" x 10" Size Shown)

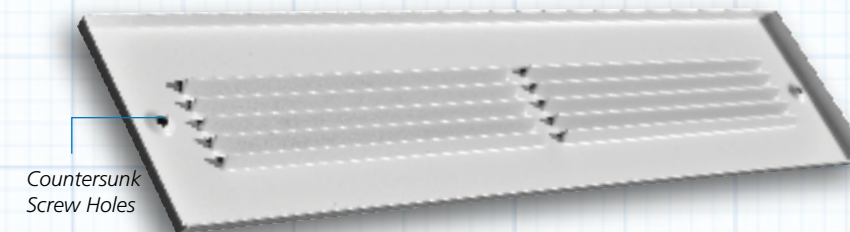
Two Way Air Deflection



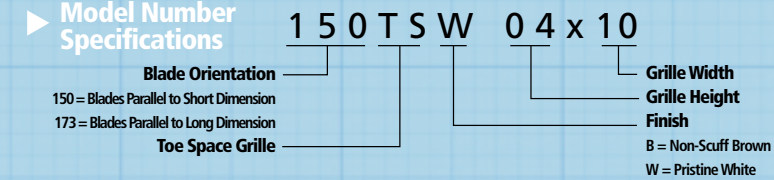
**Model 173TSW**

Heavy Duty Floor Grille (02" x 10" Size Shown)

Reverse Side Shown



**Model Number Specifications**



**154 Series**

These two different floor application products round out the TRUaire floor grille offering, in two very different ways. The 154 Series is perfect when the application calls for extra strength and rigidity in the floor grille. Generally used as a return air product, several sizes are available with an aluminum opposed blade damper.

**Model 154-O**

Supply register with OBD damper



**Model 154R**

Return grille



**Compare to:** 154R 154-O

Hart & Cooley	265	210
Shoemaker	1600	1550
Continental	F25	F20
USAire	1530	1530M

**Features**

- Steel construction
- Aluminum opposed blade damper
- Non-scuff brown powder coat finish

**Finishes**



Non-Scuff Brown

**Product Detail**

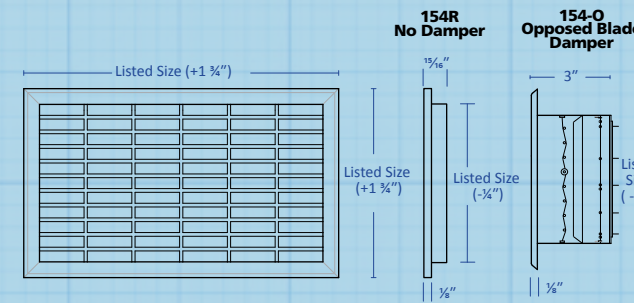


Reinforced for extra strength & durability

Detail view of durable bushings on OBD

**154R SERIES STOCKING SIZES AND CARTON QUANTITIES**

Height (IN)	WIDTH (IN)												
	4	6	8	10	12	14	16	18	20	24	25	30	36
4			10	10	10	10	10	10	10	10		5	
6			10	10	10	10	10	10	5	5		5	2
8	10	10	10	10	10	10	5	5	5	5		5	
10				10	10	5	5	5	5	5		5	
12				10	5	5	5	5	5	5		2	
14						5	5		5	2		2	
16							2	2	2	2		2	
18								2	2	2		2	2
20					5	5			2	2	2	2	
24										2		2	1
30								2					



**154-O SERIES STOCKING SIZES AND CARTON QUANTITIES**

Height (IN)	WIDTH (IN)							
	4	6	18	20	24	25	30	36
4			10	5	5			
6				5	5	5		
8			X	X	5		5	
10					X	5		
12						X		
20								5

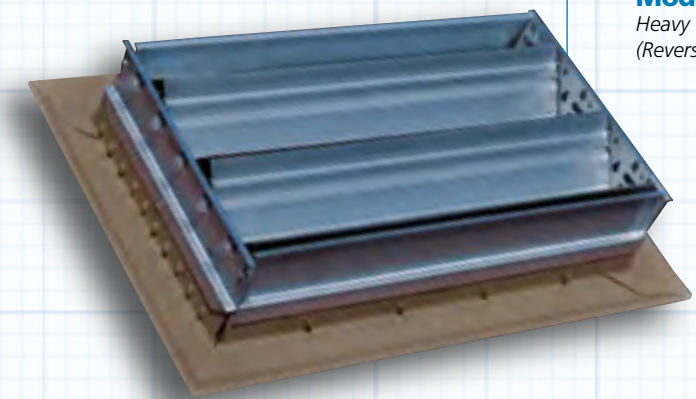
**Model 154R**

Heavy Duty without damper (Reverse side shown)

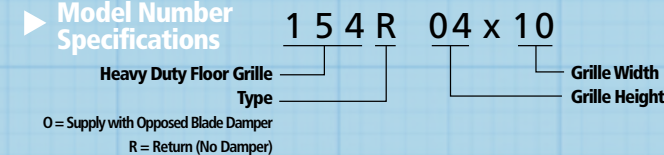


**Model 154-O**

Heavy Duty with OBD Option (Reverse side shown)



**Model Number Specifications**



O = Supply with Opposed Blade Damper  
R = Return (No Damper)

### 160 Designer Series

Inspired by fine interiors the world over, TRUAire's Designer Series™ collection of air vent covers, registers and grilles is designed to fit over any existing or new floor opening. Each register is handcrafted using quality materials and remarkable craftsmanship suited for an array of fine architectural styles while complimenting any home's interior.



**Model 163**  
Retro Couture Design

**Model 164**  
Ornamental Scroll Design

**Model 165**  
Cosmopolitan Design



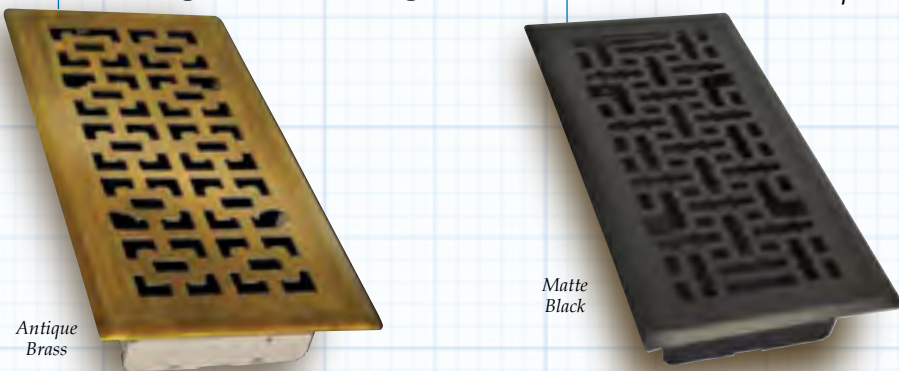
Copper

Polished Brass

Oil Rubbed Bronze

**Model 166**  
Vintage Victorian Design

**Model 167**  
Modern Contempo Design



Antique Brass

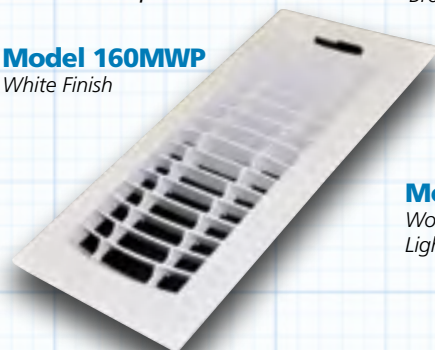
Matte Black

**Model 160**  
Resin Composite Collection

**Model 160MBP**  
Brown Finish



**Model 160MWP**  
White Finish



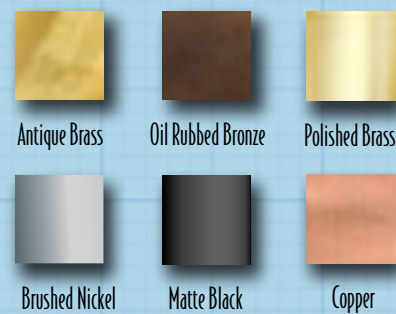
**Model 160MLP**  
Wood Grain Light Finish



*Designer's Series™*

#### Features

- Steel construction (excluding Model 160)
- Model 160 is made of resin composite
- SmoothGlide multi-shutter damper
- Five decorative designs
- Six designer finishes

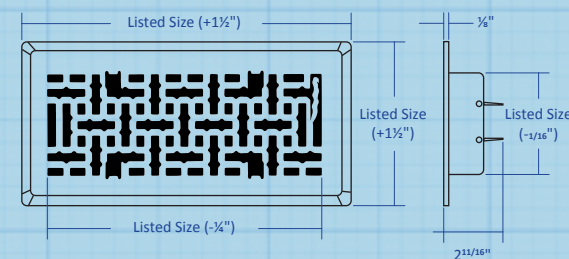


#### Product Detail



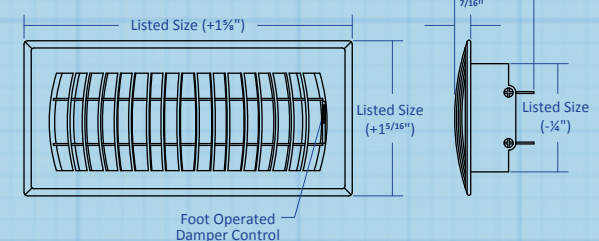
Durable, Laser-Cut Decorative | SmoothGlide Multi-Shutter Damper

#### 163 thru 167 Models



NOTE: Model 167 shown. All dimensions are typical for Models 163 through 167.

#### Model 160



NOTE: Model 160 shown. All dimensions are typical for 160 Series Models.



Wood - Dark

White

Wood - Medium

Brown

Wood - Light

#### Model 160 Resin Composite Collection

##### Model 160 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH				
	BP	WP	MLP	MMP	MDP
2 x 12	20		10	10	10
4 x 8			10	10	10
4 x 10	20	20	10	10	10
4 x 12		10	10	10	10

#### Model 163 Retro Couture

##### Model 163 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH					
	OB	AB	CP	PB	SN	MB
2 x 12			10			
4 x 8	10					
4 x 10			10		10	
4 x 12						



Copper

#### Model 164 Ornamental Scroll

##### Model 164 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH					
	OB	AB	CP	PB	SN	MB
2 x 12	10				10	
4 x 8	10				10	10
4 x 10	10	10	10	10	10	10
4 x 12	10	10			10	10



Satin Nickel

#### Model 165 Cosmopolitan

##### Model 165 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH					
	OB	AB	CP	PB	SN	MB
2 x 12	10	10				
4 x 8	10					
4 x 10	10	10				
4 x 12	10					



Oil Rubbed Bronze

#### Model 166 Vintage Victorian

##### Model 166 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH					
	OB	AB	CP	PB	SN	MB
2 x 12		10	10			
4 x 8		10				
4 x 10		10				
4 x 12						



Antique Brass

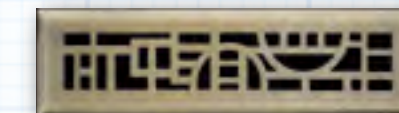
#### Model 167 Modern Contempo

##### Model 167 Stocking Sizes and Carton Quantity Chart

Register Size (IN)	FINISH					
	OB	AB	CP	PB	SN	MB
2 x 12		10	10			
4 x 8		10				
4 x 10		10				
4 x 12						



Matte Black



Each design and finish also available in space saving 2" x 12" dimension.

#### Model Number Specifications

163 - R A B 04 x 10

- Designer's Series
- Grille Face
- 0-M = Resin Composite
- 3-R = Retro Couture
- 4-O = Ornamental Scroll
- 5-C = Cosmopolitan
- 6-V = Vintage Victorian
- 7-M = Modern Contemporary
- Grille Width
- Grille Height
- Finish
- OB = Oil Rubbed Bronze
- AB = Antique Brass CP = Copper
- PB = Polished Brass SN = Satin Nickel
- MB = Matte Black
- BP = Brown (Model 160M Only)
- WP = White (Model 160M Only)
- LW = Light Wood Grain (Model 160 Only)
- MW = Medium Wood Grain (Model 160 Only)
- DW = Dark Wood Grain (Model 160 Only)

**168 Solid Oak Series**

Inspired by fine interiors the world over, TRUaire's Designer Series™ collection of air vent covers, registers and grilles is designed to fit over any existing or new floor opening. Each register is handcrafted using quality materials and remarkable craftsmanship suited for an array of fine architectural styles while complimenting any home's interior.

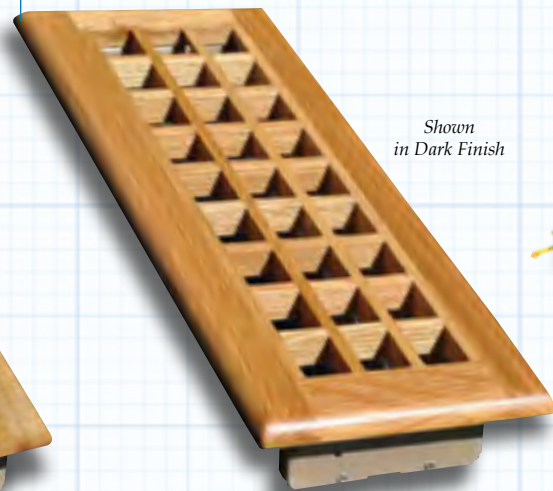


**Model 168-FL**  
Solid Oak Floor

**Model 168-SQ**  
Solid Oak Square Floor



Shown in Light Finish



Shown in Dark Finish



**Features**

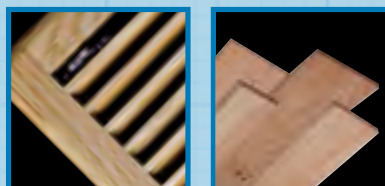
- Solid red oak construction
- Choose from three designer finishes
- SmoothGlide multi-shutter damper

Solid Oak Finishes Available:



Unfinished    Light Finish    Dark Finish

**Product Detail**



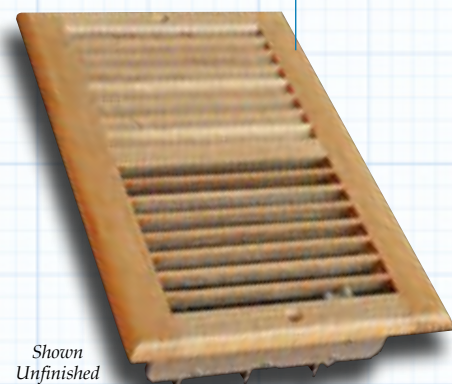
Hand Assembled Oak Components    Made from solid wood and hand-stained

**Model 168-FM**  
Solid Oak Flush Mount



Shown in Light Finish

**Model 168-SW**  
Solid Oak Sidewall



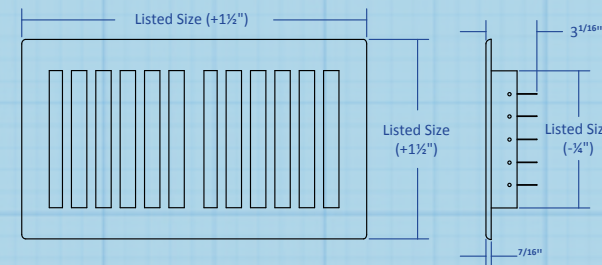
Shown Unfinished

**Model 168-BB**  
Solid Oak Baseboard

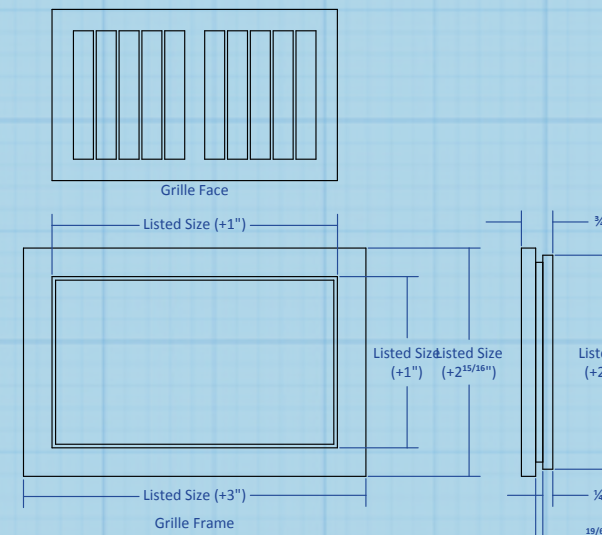


Shown in Dark Finish

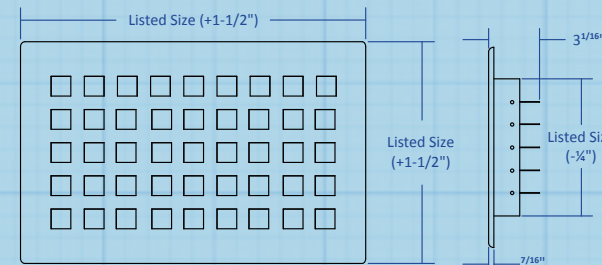
**MODEL 168-FL**



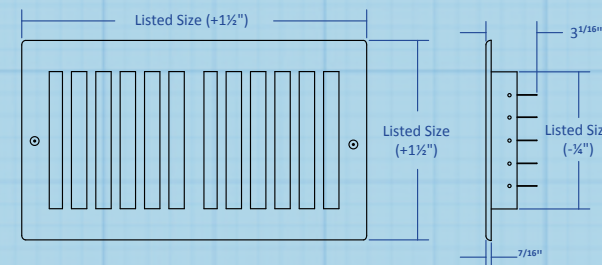
**MODEL 168-FM**



**MODEL 168-SQ**



**MODEL 168-SW**



**Model Number Specifications**    168-SQD 04x10

- Solid Oak Register or Grille
- Face Style: FL = Louver Floor, SQ = Square Floor, FM = Flush Louver Floor, SW = Louver Sidewall
- Grille Width
- Grille Height
- Finish: U = Unfinished, L = Light Finish, D = Dark Finish

Example of available oak floor sizes.

2" x 10"

Shown in Dark Finish

4" x 12"

Shown in Dark Finish

6" x 10"



Durable Rivets installed AFTER powder coating for smoothest operation

Blade & linkage components are individually powder coated BEFORE assembly

**Model 168-BB Stacking Sizes and Carton Quantity Chart**

Register Size (IN)	Finish		
	Dark	Light	Unfinished
15			20
18			10

**Model 168-FL Stacking Sizes and Carton Quantity Chart**

Register Size (IN)	Finish		
	Dark	Light	Unfinished
2 x 10	10		20
2 x 12	10		20
2 x 14	10		20
4 x 10	20	20	20
4 x 12	10		10
4 x 14		10	
6 x 10	10		5
6 x 12		20	
6 x 14		10	5

**Model 168-FM Stacking Sizes and Carton Quantity Chart**

Register Size (IN)	Finish		
	Dark	Light	Unfinished
2 x 10	10	10	10
2 x 12	10	10	10
4 x 10	10	10	10
4 x 12	10	10	10
6 x 10	10	10	10
6 x 12	10	10	10

**Model 168-SQ Stacking Sizes and Carton Quantity Chart**

Register Size (IN)	Finish		
	Dark	Light	Unfinished
2 x 10			
2 x 12			
4 x 10	20		20
4 x 12	10		10
6 x 10			10
6 x 12	10		10

**Model 168-SW Stacking Sizes and Carton Quantity Chart**

Register Size (IN)	Finish		
	Dark	Light	Unfinished
10 x 4			
10 x 6		10	10
12 x 4			
12 x 6			

**170 Series**

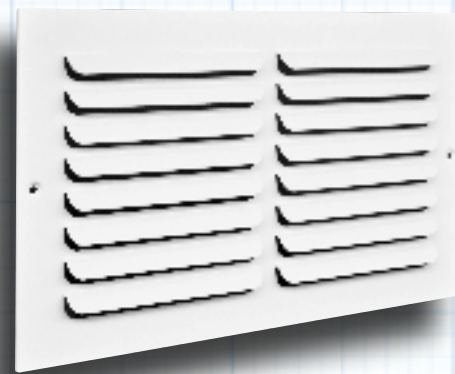
Stamped steel return grilles represent the most economical way to provide return air. These high quality stamped steel models are not only available in a wide variety of sizes, but blade design, and blade spacing as well. Although most commonly found in a pristine white powder-coat finish, the model 170 is also available in a brown finish.



**Model 170**  
Stamped Return Grille  
1/2" Blade Spacing



**Model 173**  
Stamped Return Grille  
1/3" Blade Spacing



**Model 174**  
Stamped Return Grille  
Fixed Curved Blade

Compare to:	170	173
Hart & Cooley	672	650
Shoemaker	1050	1033
USAire	1400	--
Continental	G25	G35
Lima	60GH	63GH
Airmate	170	173

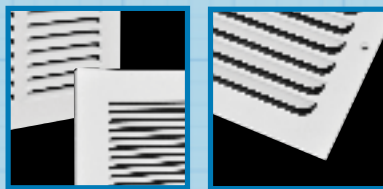
**Features**

- Stamped steel construction
- Stamped aluminum construction (Model 170 Only)
- Available in 1/2" and 1/3" blade spacing
- Countersunk screw holes
- Pristine white powder coat finish
- Optional non-scuff textured brown finish on 170 models

**Finishes**



**Product Detail**



Available in either 1/2" or 1/3" Blade Spacing  
Unique curved blade design on Model 174

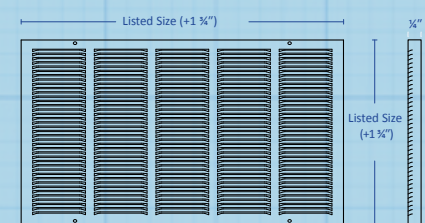
**170 / 173 / 174 SERIES STOCKING SIZES**

Height (IN)	WIDTH (IN)															
	6	8	10	12	14	16	18	20	22	24	25	26	28	30	36	40
2								0		0					0	
4	0	0/3	0/3	0/3	0/3	0	0	0/3		0				0/3	0	
6	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3		0/3				0/3/4	0/3	0
8		0/3	0/3	0/3	0/3/4	0/3	0/3	0/3		0/3/4				0/3/4	0/3	
10			0/3/4	0/3	0/3	0/3	0/3	0/3		0/3				0/3	0/3	
12			0/3	0/3/4	0/3	0/3	0/3	0/3		0/3/4	0	0		0/3	0	
14		0/4	0	0	0/3/4	0/3	0/3	0/3		0/3	0	0	0	0/3	0	
16		0		0	0/3	0/3/4	0/3	0/3		0/3	0	0	0	0/3/4	0	
18				0	3		0/3/4	0/3		0/3				0/3	0	
20			0	0/3	0/3	0/3	0	0/3/4		0/3	0			0/3/4	0	0
22																
24		0	0	0/3	0/3	0/3	0	0/3		0/3				0/3	0	
25						0/3		0/3			0			0		
30		0	0	0/3	0	0/3	0	0/3		0/3				0/3	0	
32										0						
36			0	0	0	0	0	0								0/3



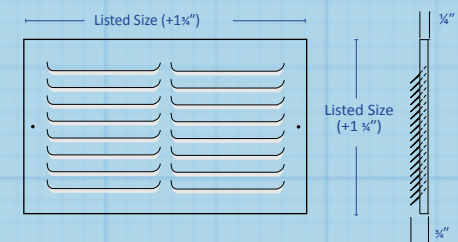
**Model 170 12 x 12**

**Model 170 / 173**



**NOTE:** Model 170 shown. All dimensions are typical for 170 and 173 Series.

**Model 174**



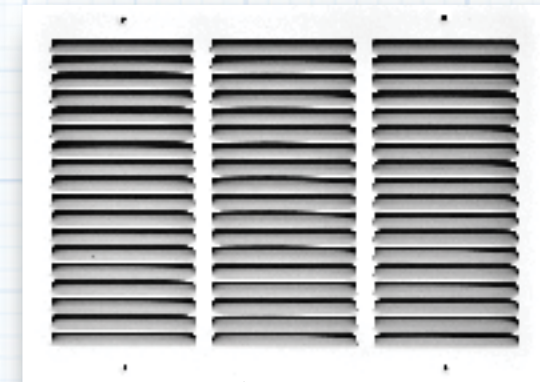
**KEY:** 0 = 170 3 = 173 4 = 174

**170 Series Options**

Whether large or small, we have the right grille for the job. Screw-hole placement varies according to typical industry standards.

**NOTE:** On Models 170 08x04, 10x10, 12x12, 14x10 and 14x14 we offer a 2-hole or 4-hole configuration.

To specify 4-hole when ordering use: 170 14x14-4



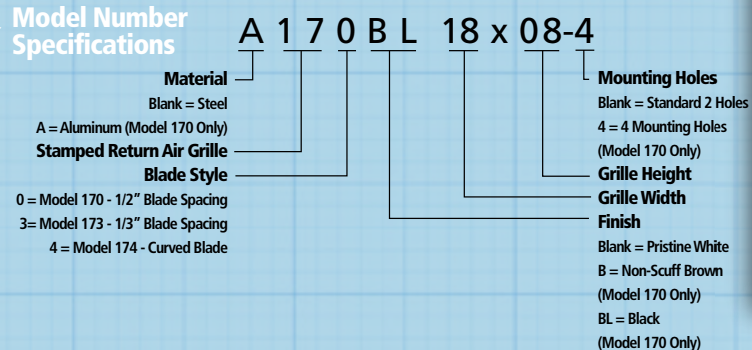
**Model 170 20 x 16 -4**



**Model 170 16 x 20 - 4 Hole**



**Model Number Specifications**



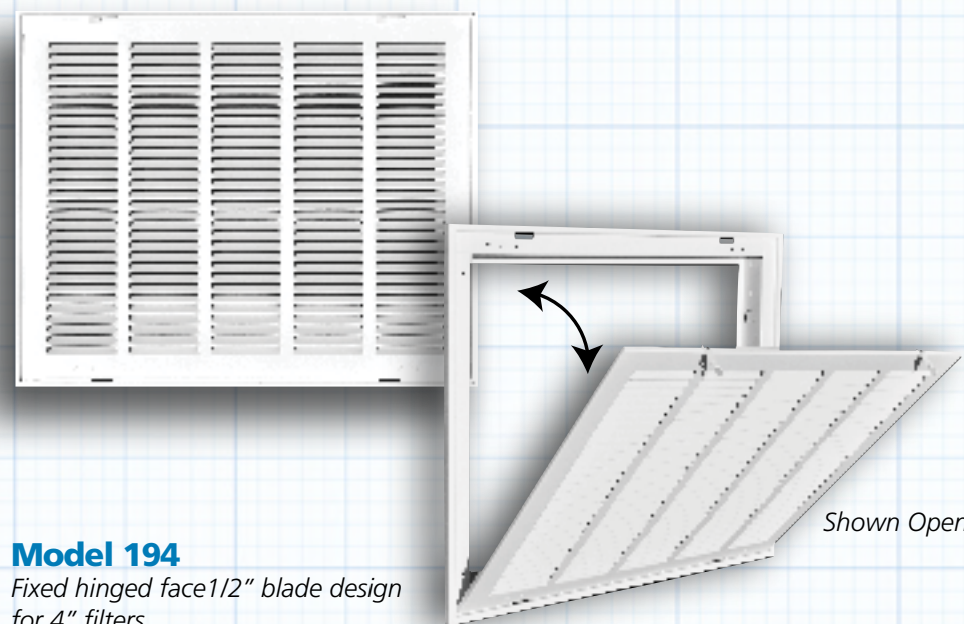
**190/194 Series**

Different home heating and air-conditioning designs utilize a variety of filter placement strategies. Most new homes in the "sunbelt states" choose to use a filter grille design.

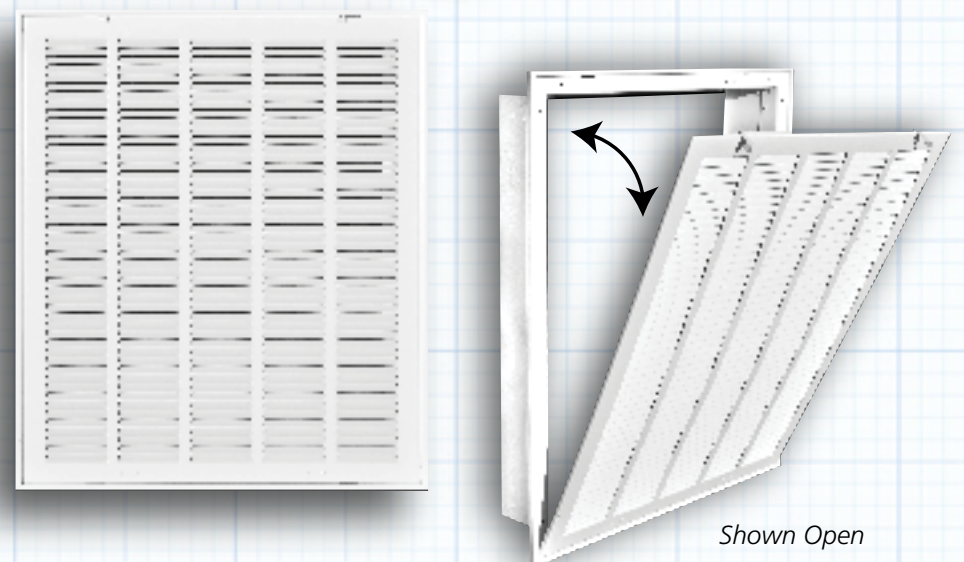
As with everything that TRUaire makes, we offer a wide variety of designs to fit virtually every residential application; different fin spacing, different filter thicknesses, and different door designs. One look at the Comparison Chart, and it becomes clear that no one offers the variety that we do.



**Model 190** Fixed face 1/2" blade design



**Model 194** Fixed hinged face 1/2" blade design for 4" filters



**Compare to: 190 194**

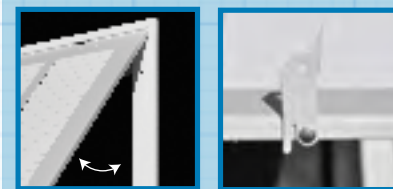
Hart & Cooley	--	--
Shoemaker	--	FG-4
USAire	--	--
Continental	--	--
Lima	--	--
Airmate	--	--

**Features**

- Steel construction
- 1/2" blade spacing
- Fixed hinge face
- 190 Series accepts 1" filters
- 194 Series accepts 4" deep filters
- SmoothGlide finger latches
- Pristine white powder coat finish

**NOTE:** Filters are not included with return air filter grilles.

**Product Detail**



Fixed face design suggested for sidewall applications  
SmoothGlide latch for increased durability and ease of use

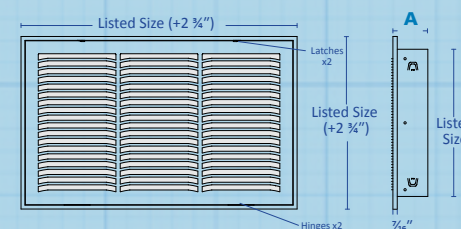


Model 190 16" x 24"

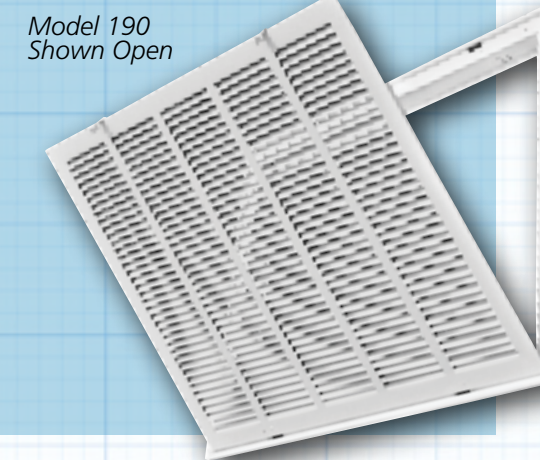
**190 / 194 SERIES STOCKING SIZES**

Height (IN)	WIDTH (IN)																
	8	10	12	14	16	18	20	22	24	25	26	29	30	32	36	40	50
6		0					0		0				0				
8	0			0			0		0				0		0		
10		0		0	0		0		0				0	0	0	0	
12			0			0	0		0	0			0		0		
14				0	0		0		0	0	0		0		0		
16		0			0		0		0	0	0		0		0		
18			0			0	0		0				0		0		
20		0	0	0	0	0	0		0	0			0		0	0	0
22								0				0					
24		0	0	0	0	0	0		0				0		0		
25				0	0		0 / 4			0				0			
26				0													
29								0									
30			0	0	0	0	0		0				0		0		
32										0							
36			0	0	0	0	0		0						0		
40																	
50																	

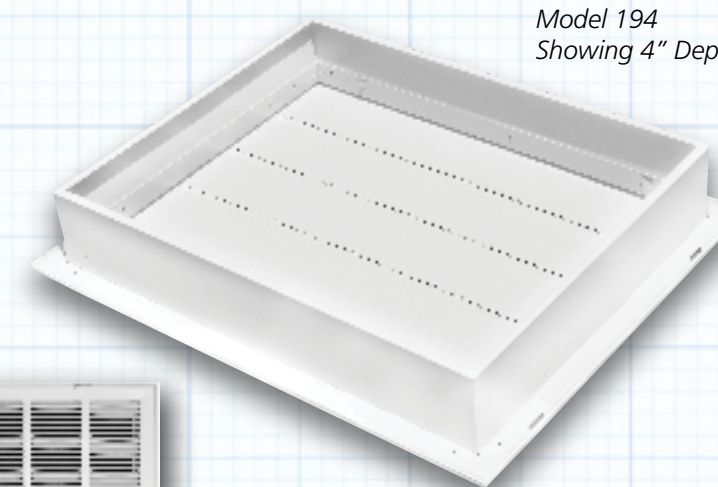
KEY: 0 = 190 4 = 194



MODEL	A
190	1 3/4"
194	4 11/16"



Model 190 Shown Open

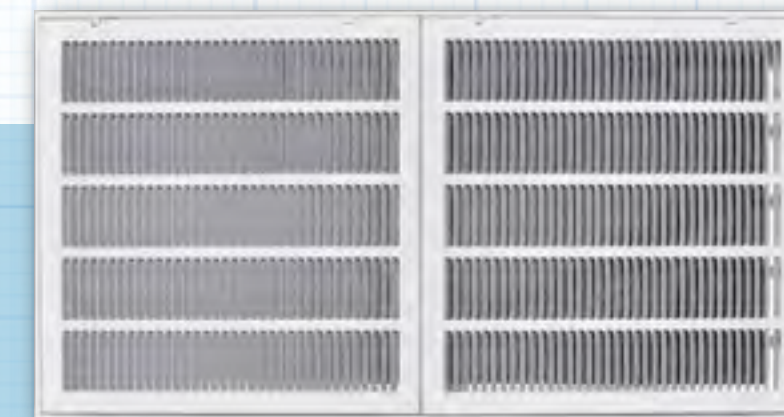


Model 194 Showing 4" Depth



Model 190 24" x 24"

Fixed face 1/2" blade design



Model 190 40" x 20"

**Model Number Specifications**

**190 18 x 08**

Stamped Return Air Grille  
Blade Style & Filter Depth  
0 = 1/2" Blade Spacing • 1" Deep  
4 = 1/2" Blade Spacing • 4" Deep

Grille Height  
Grille Width  
Face Options  
Blank = Fixed Hinge Face  
RF = Hinged Removable Face

**190RF/192RF/193RF Series**

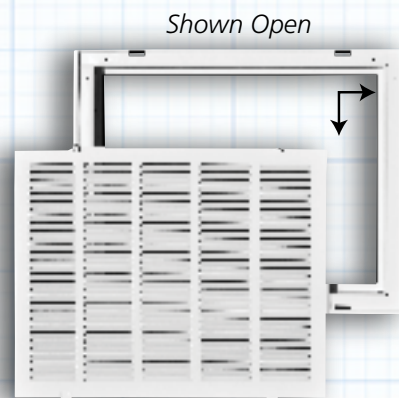
Different home heating and air-conditioning designs utilize a variety of filter placement strategies. Most new homes in the "sunbelt states" choose to use a filter grille design.

As with everything that TRUaire makes, we offer a wide variety of designs to fit virtually every residential application; different fin spacing, different filter thicknesses, and different door designs. One look at the Comparison Chart, and it becomes clear that no one offers the variety that we do.



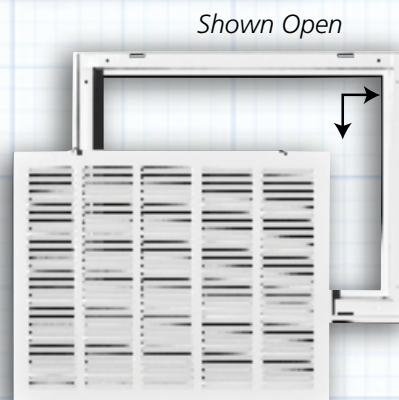
**Model 190RF**

Sidewall Filter Grille • Removable face  
1/2" blade design



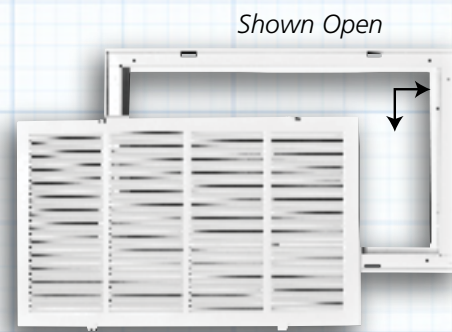
**Model 192RF**

Sidewall Filter Grille • Removable face  
1/2" blade design for 2" filters



**Model 193RF**

Sidewall Filter Grille • Removable face  
1/3" blade design for 1" filters



**Compare to:** 190RF 192RF 193RF

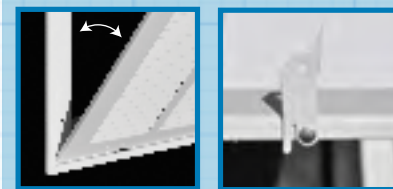
Hart & Cooley	673	--	659
Shoemaker	FG	FG-2	--
USAire	1410F	--	--
Continental	FG-2	--	--
Lima	60GHFF	--	--
Airmate	170FF	--	--

**Features**

- Steel construction
- Available in 1/2" and 1/3" blade spacing
- Removable face
- 190 and 193 Series accepts 1" filters
- 192 Series accepts 2" deep filters
- SmoothGlide finger latches
- Pristine white powder coat finish

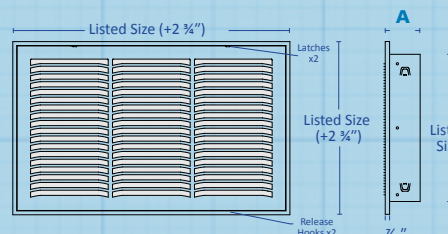
**NOTE:** Filters are not included with return air filter grilles.

**Product Detail**



Removable face design suggested for sidewall applications  
SmoothGlide latch for increased durability and ease of use

**NOTE:** Model 190RF shown. All dimensions are typical for 190RF, 192RF and 193RF.



MODEL	A
190RF	1 3/4"
192RF	2 7/8"
193RF	1 3/4"

**190RF / 192RF / 193RF SERIES STOCKING SIZES**

Height (IN)	WIDTH (IN)															
	8	10	12	14	16	18	20	24	25	28	30	32	36	40	50	
6		0		0	0			0								
8			0	0				0/2								
10		0/3			0		0/3									
12			0/2/3		0/2	0/2	0/3	0/2/3								
14				0/2/3			0/2/3	0/2/3	0/2/3	0	0/2/3		0/2			
16					0/3		0/2/3	0/16/2	0/3		0/2		2			
18			0			0/2	0				0/2		0/2			
20		0	0/2/3	0	0	0/2/3	0/2	0/2		0/2/3		0	0	0		
24		0/2	0/2/3	0	0	0/2	0/2/3			0/2/3		0				
25			0/2/3	0/2	0	0/2/3		0/3				0				
26																
30		0	0	0	0	0	0/2/3	0/2/3			0/3					
32							0			0						
36			0		0	0	0	0								
40																
36			0	0	0	0	0			0						
40																
50																

KEY: 0 = 190RF 2 = 192RF 3 = 193RF



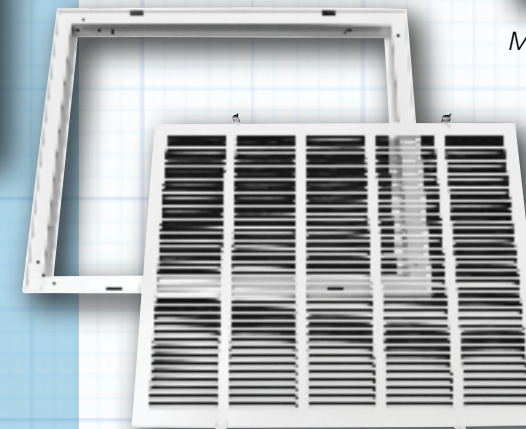
Model 190RF 16" x 24"



Model 190RF 12" x 12"

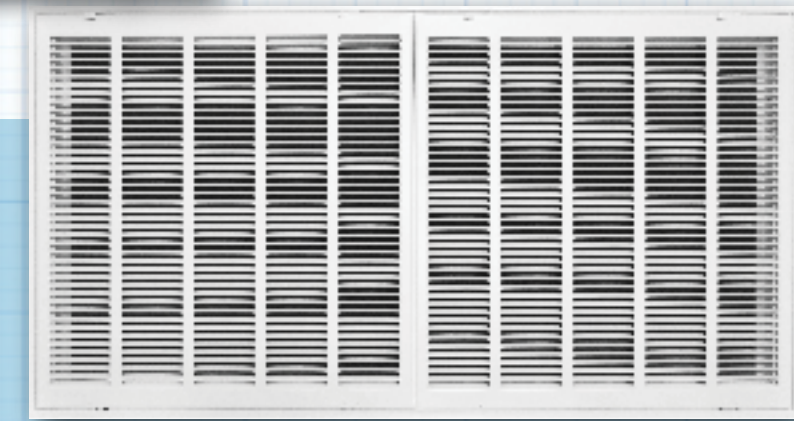
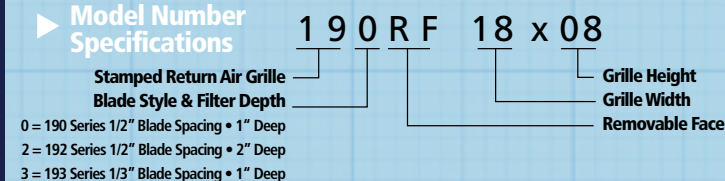


Model 190RF 30" x 14"



Model 190RF Shown Open

**Model Number Specifications**



Model 190RF 40" x 20"

## 270 Series

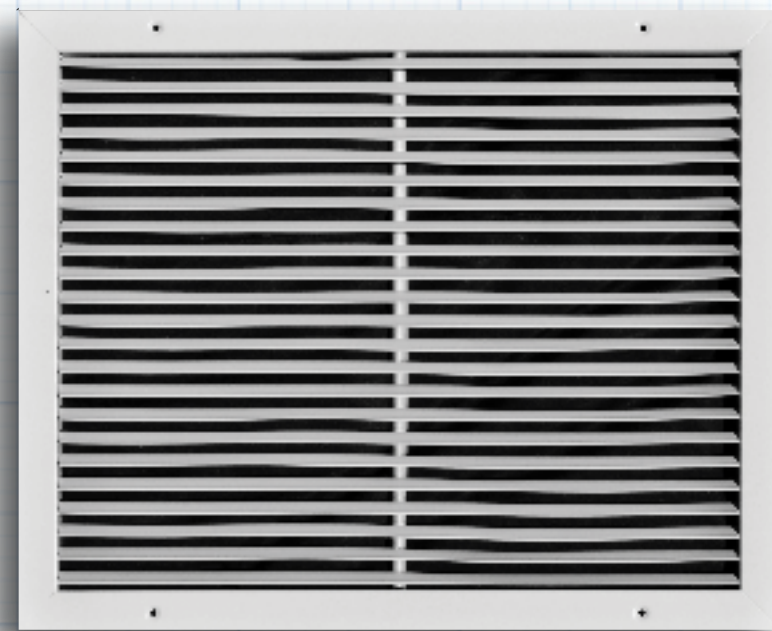
When choosing return air grilles, whether filter grille or straight return air, the most economical choice is stamped steel every time. But for a few dollars more, the Fixed Bar models provide the luxury of ruggedness and appearance.

Each heavy gauge bar is individually set at 75 degrees from the face, and spaced 3/4" apart. There's nothing "flimsy" about this grille. It is rock-solid, individually welded, and looks fantastic!



### Model 270

Fixed Bar Return Air Grille



Compare to:	270
Hart & Cooley	94A
Shoemaker	--
USAire	SRH
Continental	FBG40
Lima	S90H
Airmate	280

### Features

- Steel construction
- 3/4" blade spacing
- 75° blade pitch from grille face
- Countersunk screw holes on 270 Series
- Fixed hinge face on all return air filter grilles
- Pristine white powder coat finish
- Optional Opposed Blade Damper

### Product Detail

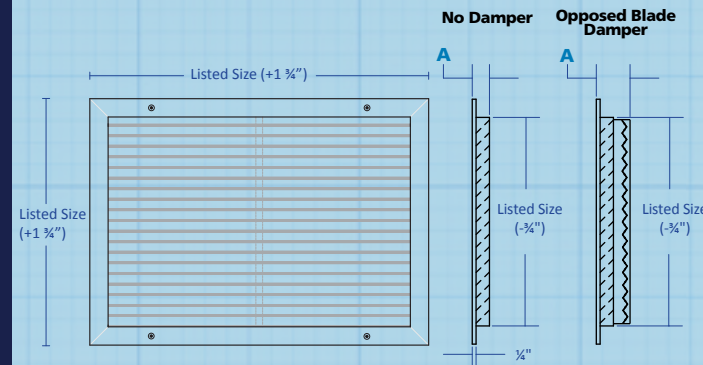


Blades at 75 degrees from face

### 270 SERIES STOCKING SIZES AND CARTON QUANTITY CHART

Height (IN)	WIDTH (IN)																								
	4	6	8	10	12	14	16	17	18	20	22	24	25	26	28	30	32	34	36	38	40	44	48	50	
4				20	20	20	20					10				10			10						
6		20	20	20	20	20	20		10	10		10		5	5	10			10						
8			20	20	20	20	20		10	10		10		5	5	10			10						
10								10	10	10		10		5	5	10			10						
12					10	10	10		10	10		10		5		5			5					5	
14					20	10	10		5	10		5	5		5	5	X		5	5					
16						10	10		10	5		5	5		5	5		5	5		5	?			1
18				10					5	5		5	5		5	5		5	5						
20				10		10			5	5		5	5		5	5		5	5		5				
22											5								5						
24	10				10	5	5			5		5				5			5					1	
25										5			5												
26													5												
30						5				5		5				5									
36									5																
40																									

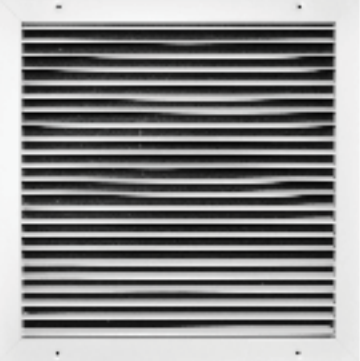
270 Series	
MODEL	A
270	13/16"
270-O	2 1/4"



Model 270 14" x 20"



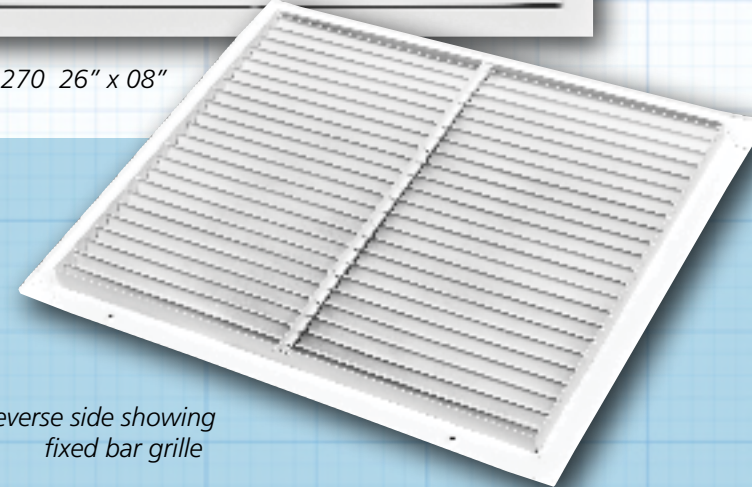
Model 270 20" x 16"



Model 270 16" x 16"



Model 270 26" x 08"



Reverse side showing fixed bar grille

► **Model Number Specifications**

**270 - O**     **18 x 08**

Fixed Bar Return Air Grille     Grille Height  
 Damper Option     Grille Width  
 Blank = No Damper  
 O = Opposed Blade Damper



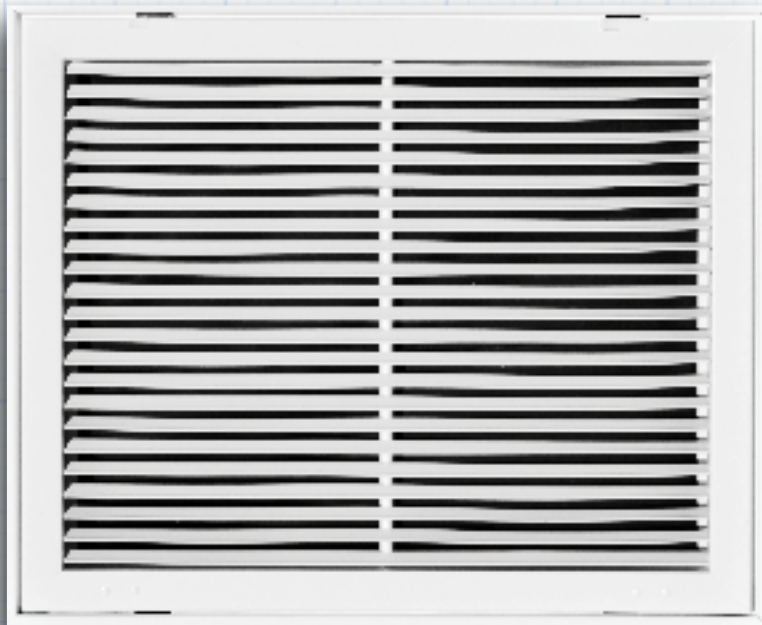
**290/292/294 Series**

When choosing return air grilles, whether filter grille or straight return air, the most economical choice is stamped steel every time. But for a few dollars more, the Fixed Bar models provide the luxury of ruggedness and appearance.

Each heavy gauge bar is individually set at 75 degrees from the face, and spaced 3/4" apart. There's nothing "flimsy" about this grille. It is rock-solid, individually welded, and looks fantastic!

**Model 290**

Fixed Bar Return Air Filter Grille



Compare to:	290
Hart & Cooley	96AFB
Shoemaker	920FG-2
USAire	SRHF
Continental	FBFG
Lima	S90HFF
Airmate	280FF

**Features**

- Steel construction
- 3/4" blade spacing
- 75° blade pitch from grille face
- 290 Series accepts 1" deep filters
- 292 Series accepts 2" deep filters
- 294 Series accepts 4" deep filters
- Fixed hinge face
- Pristine white powder coat finish

**NOTE:** Filters are not included with return air filter grilles.

**Product Detail**



Blades at 75 degrees from face

SmoothGlide Latch for increased durability and ease of use

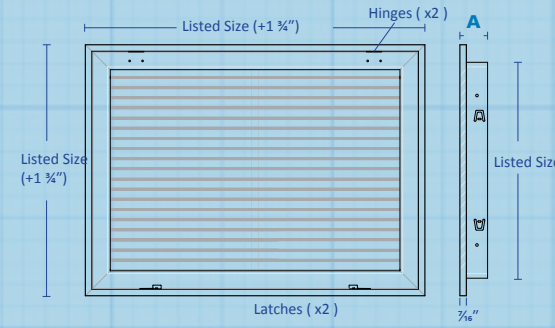
**290 / 292 / 294 SERIES STOCKING SIZES AND CARTON QUANTITIES**

Height (IN)	WIDTH (IN)													
	10	12	14	16	18	20	22	24	25	30	32	36	40	50
6				0		0		0		0		0		
8						0				0				
10	0/2	0		0		0		0		0/2				
12		0/2			0	0		0/2	0	0/2		0		
14			0/2			0		0/2	0	0/2/4		0		
16				0/2		0		0/2	0	0/2		0/2/4		
18					0	0		0/2		0		0		
20		0	0/2			0/2		0/2	0	0/2/4		0/2	0	0/2
22							0							
24		0	0		0	0/2		0/2		0/2		0/2		
25			0			0			0		0			
30		0/2	0	0	0	0		0						
32									0					
36						0				0		0		
40						0								
50						0								

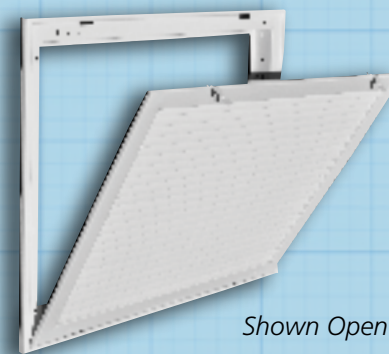


Model 290 14" x 20"

KEY: 0 = 290    2 = 292    4 = 294



MODEL	A
290	1 7/8"
292	2 7/8"
294	4 11/16"

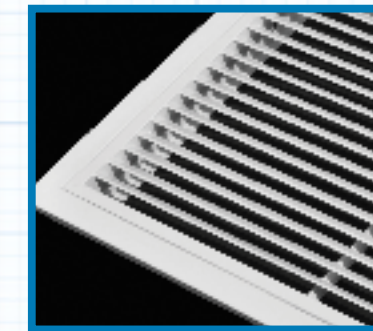


Shown Open



Model 290 accepts 1" filters

Model 290 16" x 16"

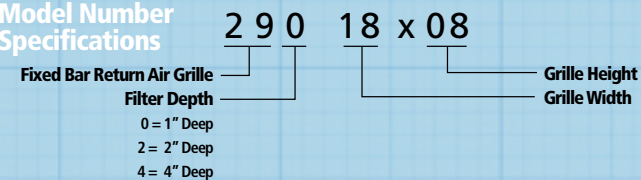


3/4 inch blade spacing



Model 290 20" x 16"

**Model Number Specifications**



**A170 Series**

Stamped aluminum return grilles represent the most economical way to provide return air. These high quality stamped aluminum models are not only available in a wide variety of sizes, but blade design, and blade spacing as well. Although most commonly found in a pristine white powder-coat finish, the model A170 is also available in a brown finish.



**Model A170**  
Stamped Return Grille  
1/2" Blade Spacing



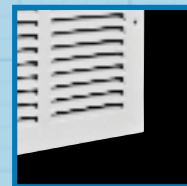
**Compare to:**

A170	A170
Hart & Cooley	672
Shoemaker	1050
USAire	1400
Continental	G25
Lima	60GH
Airmate	170

**Features**

- Stamped aluminum construction
- Available in 1/2" blade spacing
- Countersunk screw holes
- Pristine white powder coat finish
- Optional non-scuff textured brown finish on A170 models

**Product Detail**



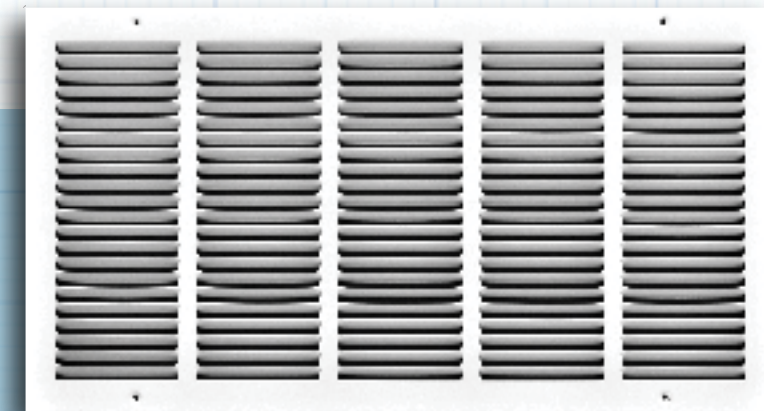
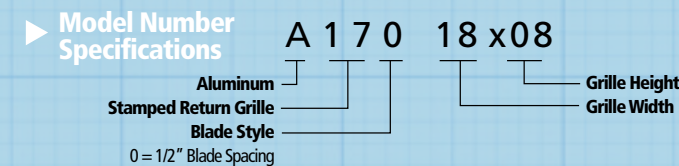
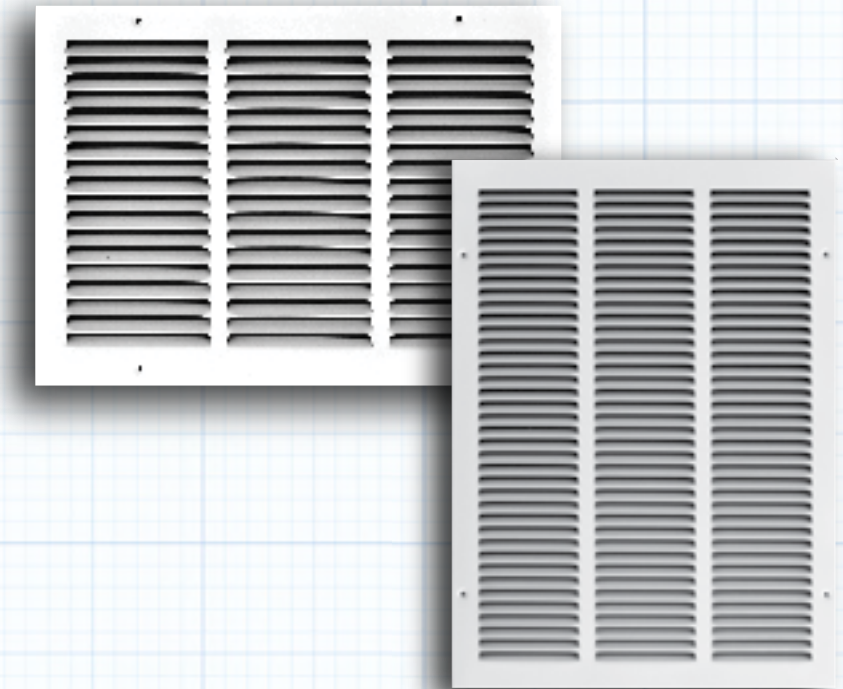
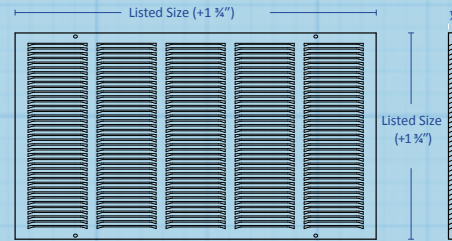
Available in 1/2" Blade Spacing

**A170 Series Options**

Whether large or small, we have the right grille for the job. Screw-hole placement varies according to typical industry standards.

**A170 SERIES STOCKING SIZES**

Height (IN)	WIDTH (IN)				
	6	8	10	12	14
6	20			20	20
8		20			20
10			20		20
12				20	
14					20



## A270 Series

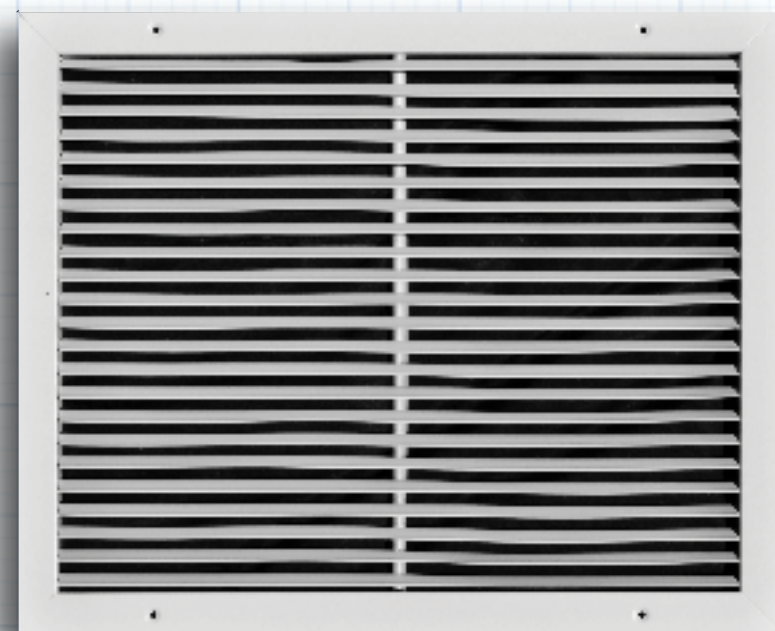
The top-of-the-line Return Air Grille is bar-type. And the best bar-type Return Air Grille is made of aluminum. Lightweight, rust resistant, and durable; Truair's A270 Return Air Grille is the best of the best for residential return air applications.

Each aluminum fixed blade is set at 60 degrees from face and 3/4" apart. Finished in our pristine white powder-coat, this is a tough act to follow!



### Model A270

Fixed Bar Return Air Grille



Compare to:	A270
Hart & Cooley	RH45
Shoemaker	905
USAire	RH
Continental	AFBG40
Lima	ALS90
Airmate	E280

### Features

- Extruded aluminum construction
- 3/4" blade spacing
- 60° blade pitch from grille face
- Countersunk screw holes
- Pristine white powder coat finish
- Optional 45° blade pitch
- Optional opposed blade damper

### Product Detail

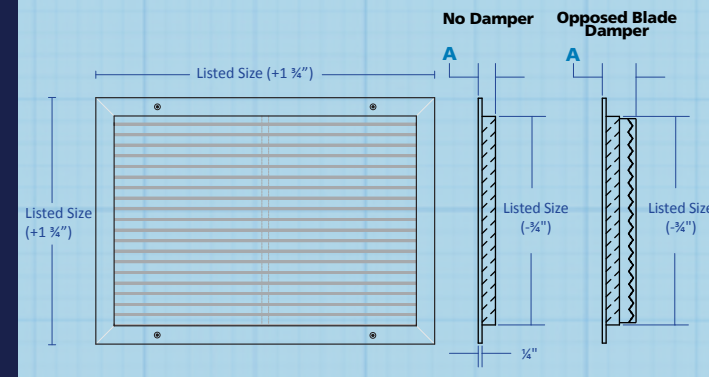


Blades at 60 degrees from face

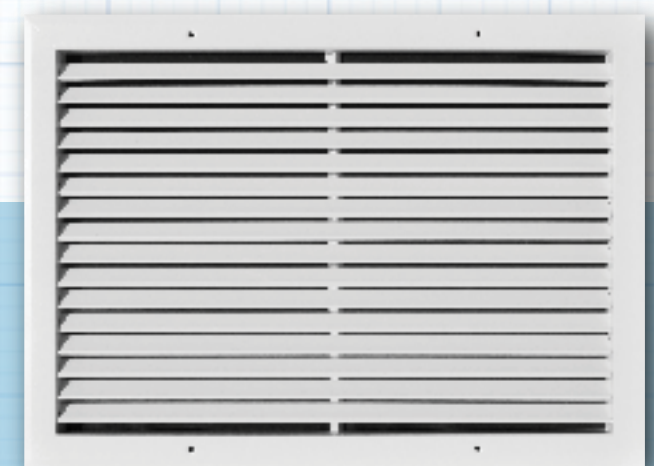
### A270 SERIES STOCKING SIZES AND CARTON QUANTITY CHART

Height (IN)	WIDTH (IN)																	
	6	8	10	12	14	16	18	20	22	24	25	28	30	36	40	42	46	48
4	20	20								10								
6	20	20	20	20	20	20	10	10		10			10	10	1			
8		20	20	20	20	20	10	10		10			10					
10			20	20	20	20	10	10	10	10			10	10				
12				10		10	10	10		10			5	5	5			
14					10		5	10		5	5	5	5	5				
16								5		5	5	5	5	5				1
18					10	5	5	5		5			5	5		1		
20				10	10	5		5		5	5		5	5				
22									5									
24			10	10	5	5	5	5		5			5					
25					5	5		5										
30					5		5			5								
36					5													1
42	1																	

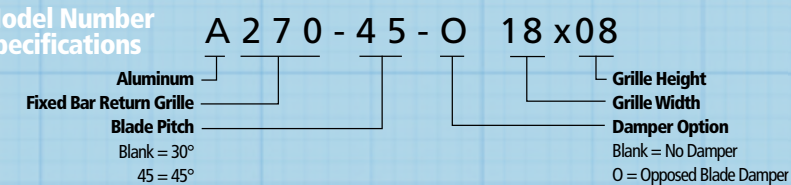
A270 Series	
MODEL	A
A270	1"
A270-O	2 7/16"



Shown in Aluminum Finish



### Model Number Specifications



**A290 Series**

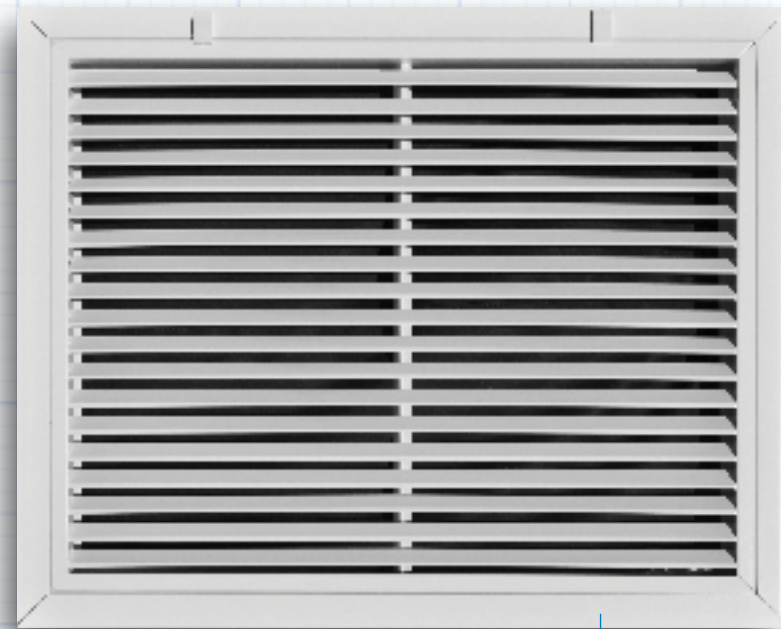
The top-of-the-line Return Air Grille is bar-type. And the best bar-type Return Air Grille is made of aluminum. Lightweight, rust resistant, and durable; Truair's A290 Return Air Filter Grille is the best of the best for residential return air applications.

Each aluminum fixed blade is set at 60 degrees from face and 3/4" apart. Finished in our pristine white powder-coat, this is a tough act to follow!



**Model A290**

Aluminum Fixed Bar Return Air Filter Grille



Easy-to-open slide latch

Compare to:	A290
Hart & Cooley	RHF45
Shoemaker	--
USAire	RHF
Continental	--
Lima	ALS90HFF
Airmate	E289FF

**Features**

- Extruded aluminum construction
- 3/4" blade spacing
- 60° blade pitch from grille face
- Accepts 1" deep filters
- Fixed hinge or removable face
- Pristine white powder coat finish
- Optional 45° blade pitch

**NOTE:** Filters are not included with return air filter grilles.

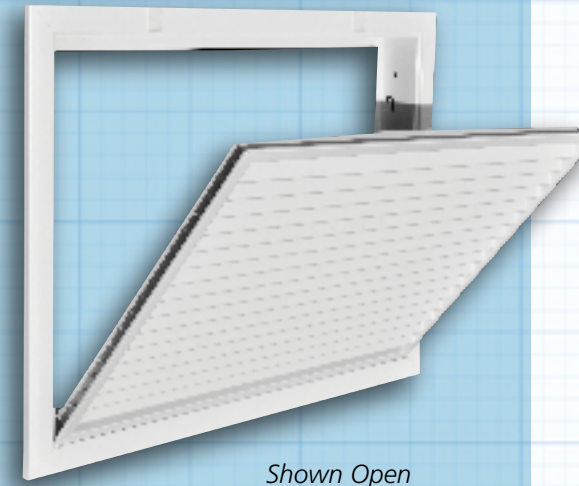
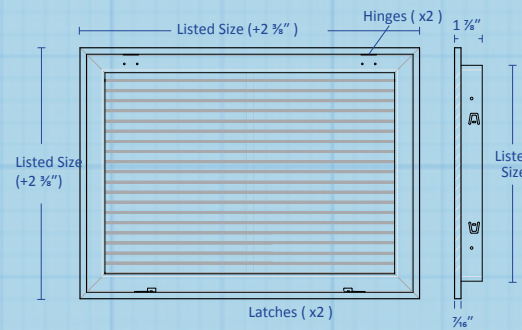
**Product Detail**



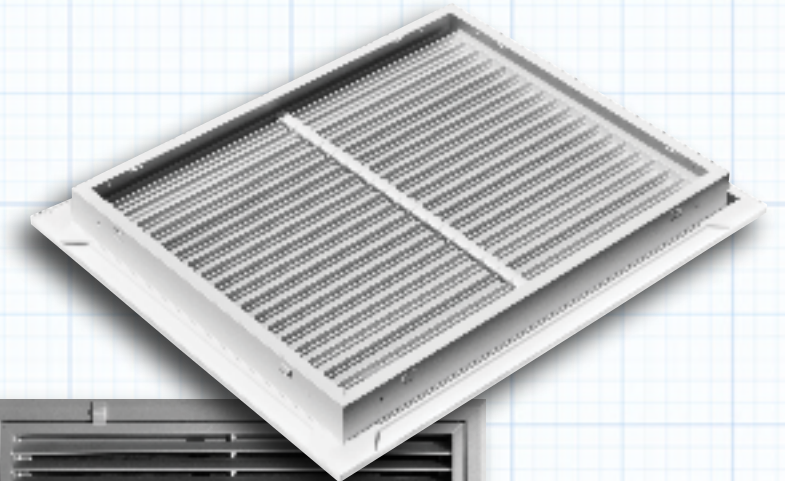
Blades at 60 degrees from face    Detail view of slide latch from face

**A290 SERIES STOCKING SIZES AND CARTON QUANTITIES**

Height (IN)	WIDTH (IN)																
	8	10	12	14	16	18	20	22	24	25	28	30	32	36	40	44	48
6		1	1	1					1								
8	1		1	1					1								
10		1		1	1				1								
12			1		1	1			1		1						
14				1		1	1		1	1	1						
16					1	1	1		1	1		1					
18			1			1	1		1		1	1					
20		1	1	1	1	1	1		1	1		1	1	1	1		
22								1									
24			1	1	1	1	1		1			1		1			1
25				1	1		1			1							
30			1	1	1	1	1		1			1					
36																	
40							1										
48									1								



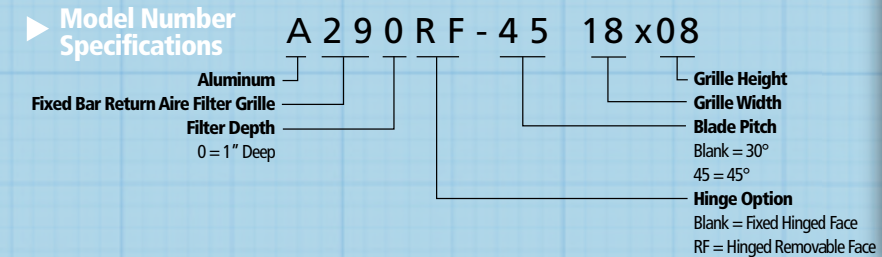
Shown Open



Model A290RF-AL  
Shown in  
Aluminum  
Finish



**Model Number Specifications**



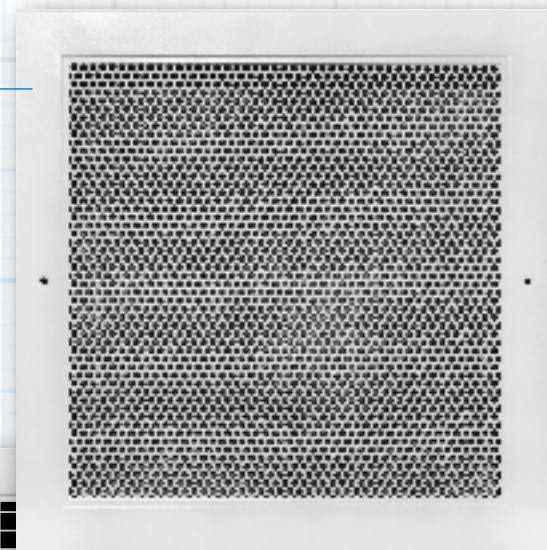
**A900 Series**

Truair's A900 Series surface mounted grilles feature a clean, crisp architectural appearance and are manufactured to provide strength and durability. The A900 Series comes in either a 1/2" x 1/2" x 1/2" egg crate face or a 51% free area perforated face with aluminum extruded frame that has countersunk mounting holes. The egg crate can be specified in acrylic or aluminum which are constructed with thin, interlocking strips assembled into a square grid pattern.



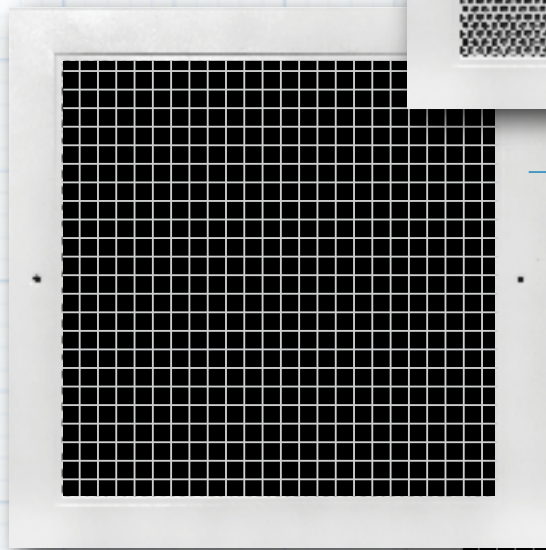
**Model A920**

*Perforated Face Surface Mount Return Air Grill*



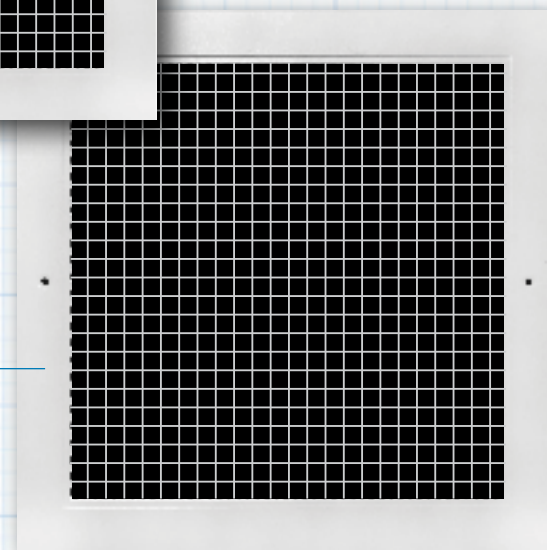
**Model A960**

*Acrylic Egg Crate Surface Mount Return Air Grill*



**Model A970**

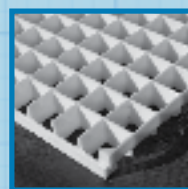
*Aluminum Egg Crate Surface Mount Return Air Grill*



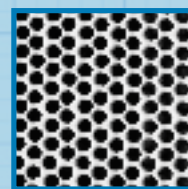
**Features**

- Extruded aluminum frame construction
- Available in either perforated or egg crate face
- 51% free area perforated
- Acrylic or aluminum 1/2" x 1/2" x 1/2" egg crate
- Countersunk screw holes
- Pristine white powder coat finish

**Product Detail**



Acrylic Egg Crate

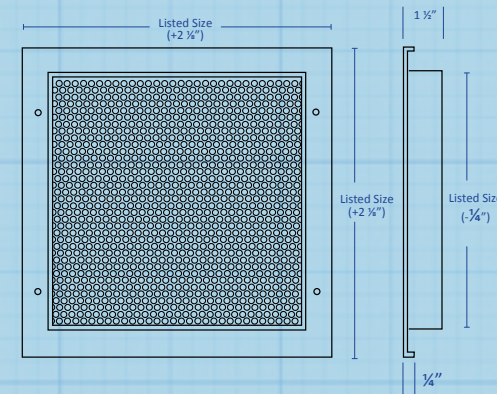


Steel Perforated Face  
51% Open Area

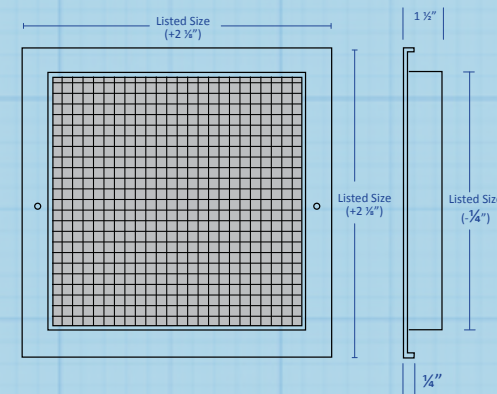


Aluminum Egg Crate

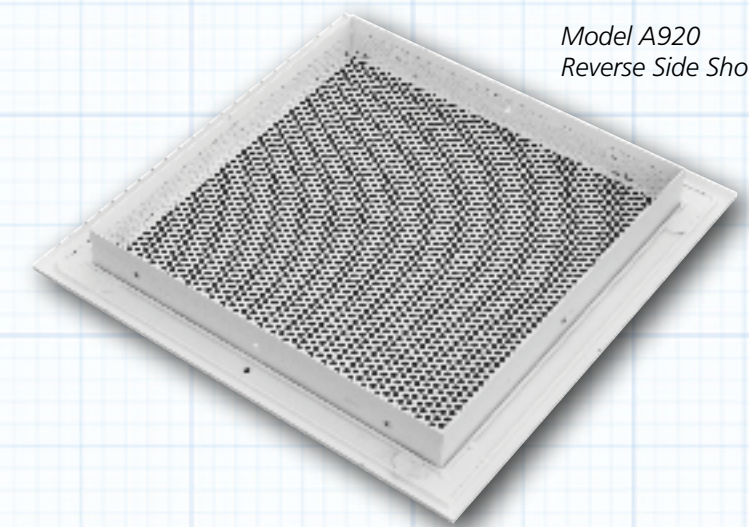
**Model A920**



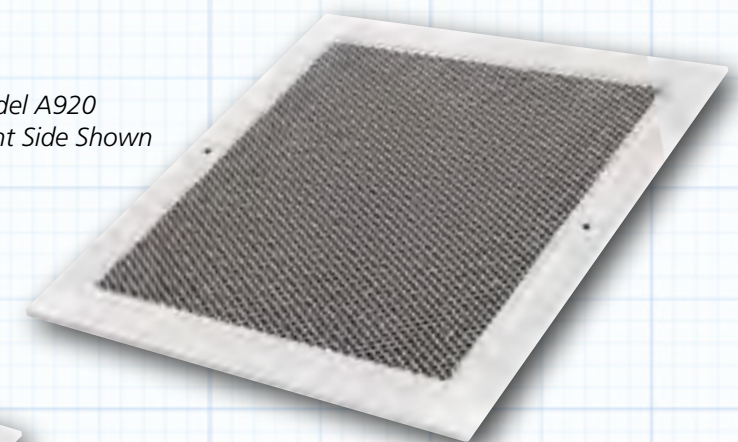
**Model A960 / A970**



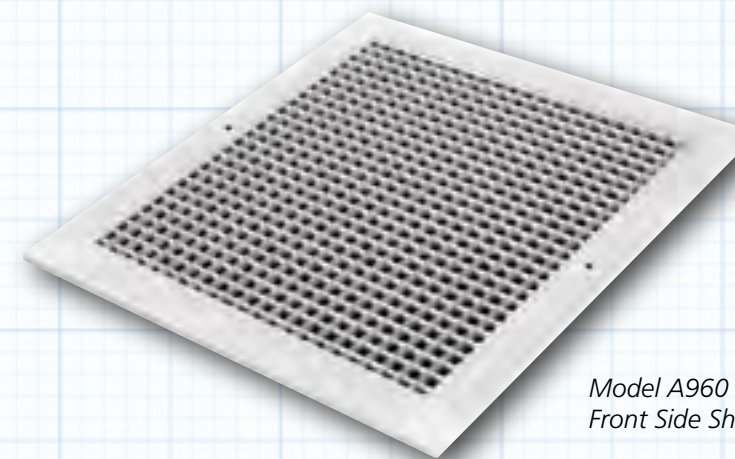
**A900 Series Options**



*Model A920  
Reverse Side Shown*



*Model A920  
Front Side Shown*



*Model A960  
Front Side Shown*

**Model Number Specifications**

**A 9 7 0 - S Q 18 x 08**

**Egg Crate Grille Material**  
2 = Steel Perforated  
6 = Acrylic  
7 = Aluminum

**Grille Height  
Grille Width  
Square Neck**

**1010 / 1020MAS Series**

The 1000 Series T-Bar models are designed with budget in mind. These diffusers come with an attractive perforated steel face finished in pristine white powder-coat. The supply model (MAS) includes an air deflector for enhanced air distribution.

These diffusers can be ordered with the universal R6 molded fiberglass back, with a heavy duty steel back and fixed collar or a combination of both the formed steel back, collar, and R6 insulation.

**Model 1010MAS / MAR**

With universal R6 fiberglass back

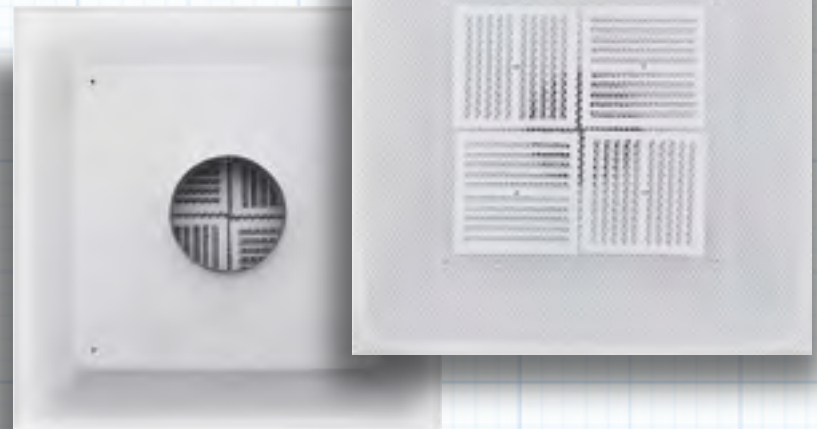
Reverse side shown



**Model 1020MAS / MAR**

With steel back and fixed collar

Reverse side shown

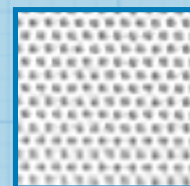


Compare to:	1010
Hart & Cooley	REN/RENPS
Titus	
Shoemaker	110/111
Metal Aire	7300
Price	
Krueger	

**Features**

- Steel construction
- 51% open free area perforated face
- Seismic support tabs
- (4) Air deflectors on MAS Models
- Molded R6 insulated back on 1010 Models
- Universal cut-in collars on 1010 Models
- TRUaire Super Collar on 1020 Models
- Pristine white powder coat finish
- Optional molded R6 insulated back available on 1020 Models
- Optional butterfly damper
- Optional radial damper

**Product Detail**

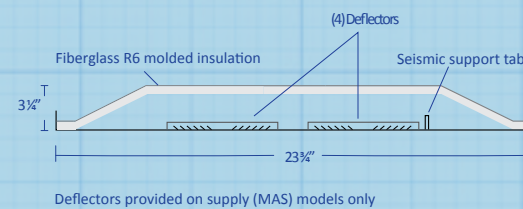


Steel Perforated Face  
51% Open Area



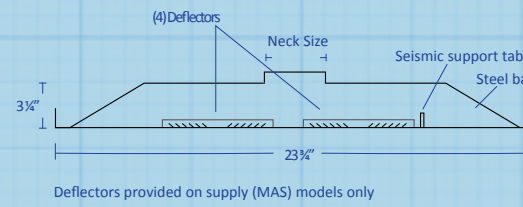
Seismic Support Tabs

**MODEL 1010**  
Universal molded R6 fiberglass back



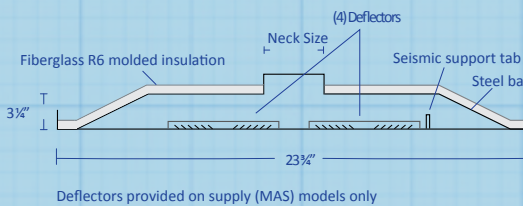
Deflectors provided on supply (MAS) models only

**MODEL 1020**  
Uninsulated: Steel backing with fixed collar



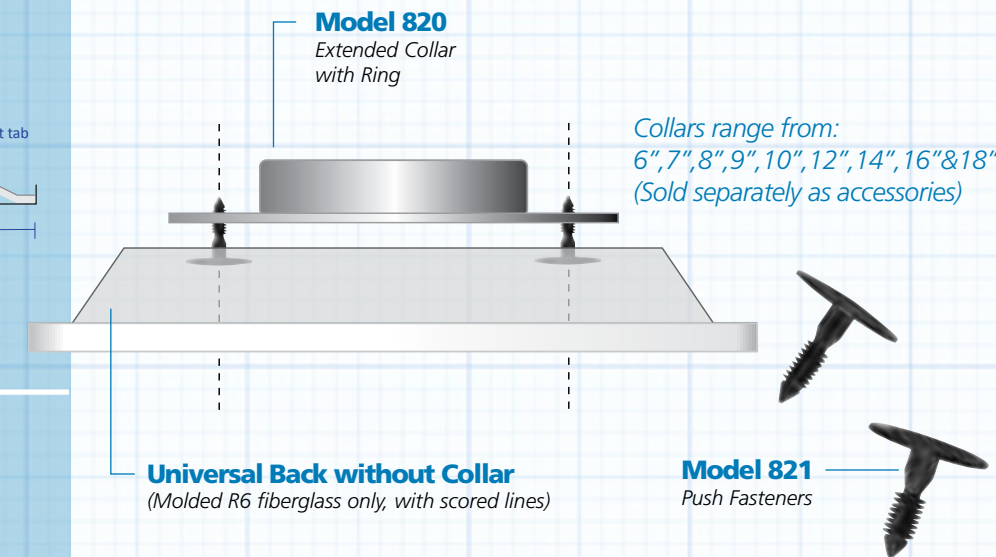
Deflectors provided on supply (MAS) models only

**MODEL 1020-INS (Insulated)**  
Insulated: R6 backing with fixed collar



Deflectors provided on supply (MAS) models only

**1010 MAS/MAR Options**

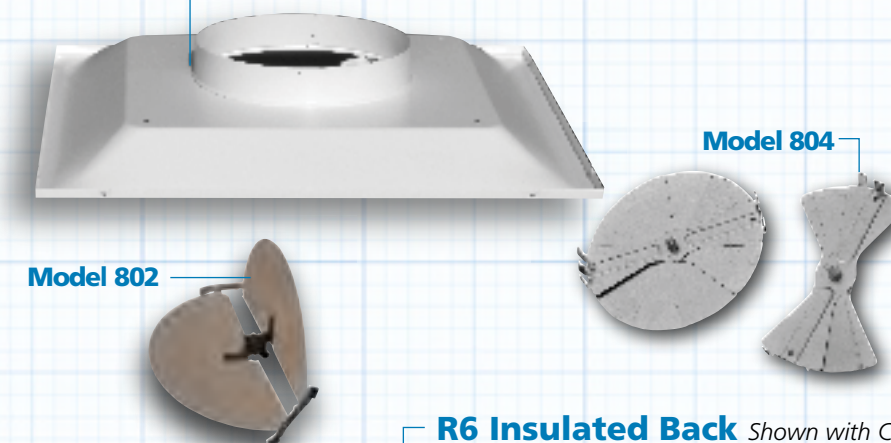


Universal Back without Collar  
(Molded R6 fiberglass only, with scored lines)

Model 821  
Push Fasteners

**1020 MAS/MAR Options**

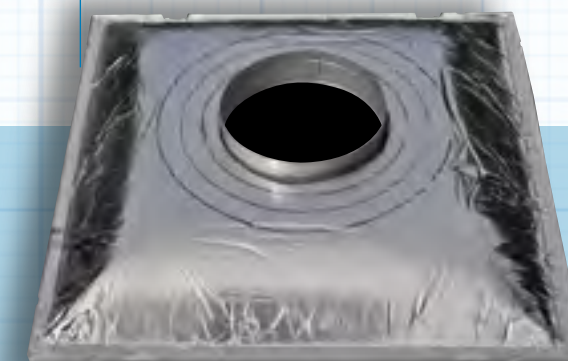
**Steel Back - with Collar**  
(Uninsulated with fixed collar)



Model 802

Model 804

**R6 Insulated Back** Shown with Collar  
(Insulated with scored lines and fixed collar)



**Model Number Specifications**

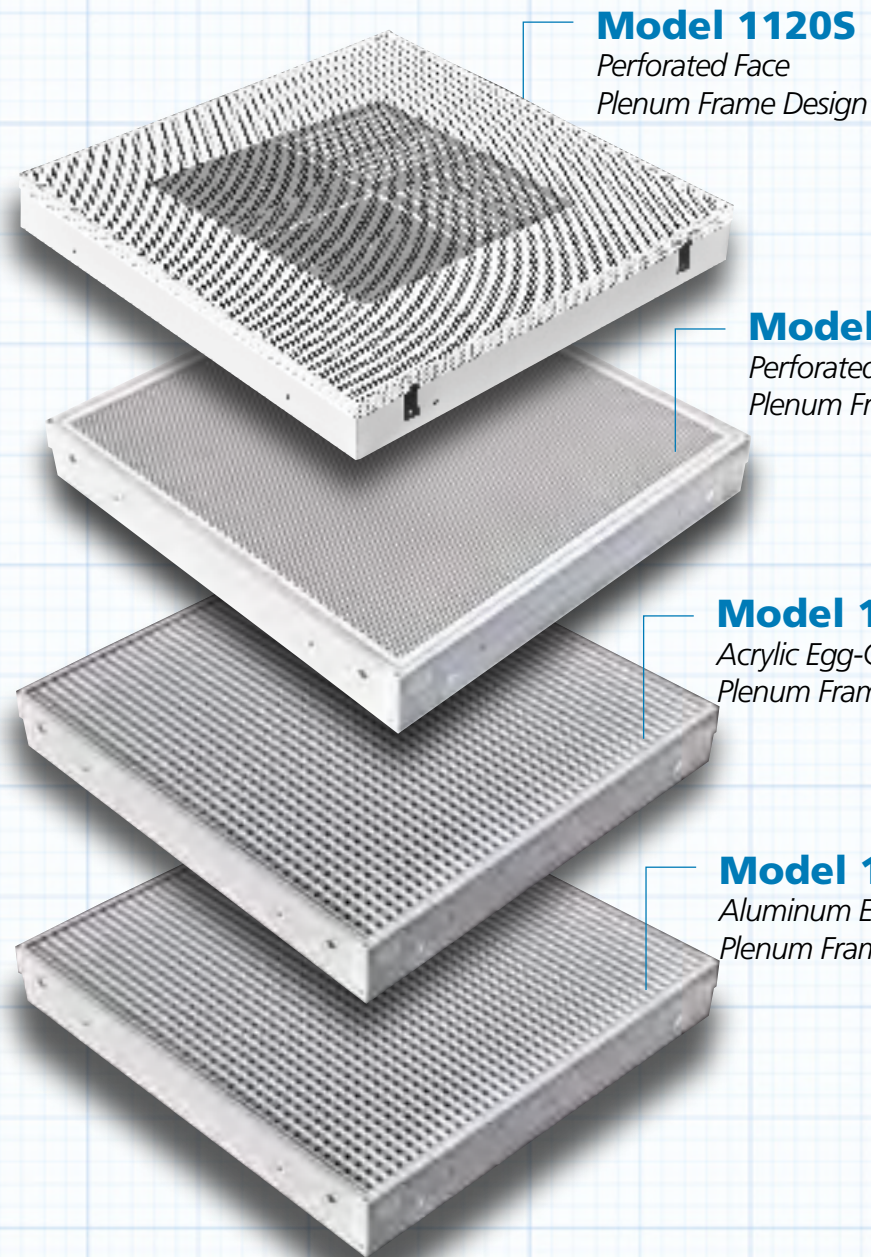
**1010MAS/08IN/BD**

- T-Bar Perforated Face Diffuser
- Back: 10 = Molded R6 Insulated Universal Back, 20 = Steel Back
- Fixed Face Type: S = Supply with Deflectors, R = Return without Deflectors
- Neck Size (1020 Only): R6 = Steel Back & Molded R6 Insulated Back, 06 = 6"Ø, 08 = 8"Ø, 10 = 10"Ø, 12 = 12"Ø, 14 = 14"Ø
- Damper Option (1020 Only): Blank = No Damper, BD = Butterfly Damper, RAD = Radial Damper
- R6 Insulation Option (1020 Only): Blank = No Molded R6 Insulated Back, IN = Molded R6 Insulated Back

**1120S Series**

Drawing from our close relationship with contractors who know the industry, these T-Bar Grilles cut installation time by utilizing a unique plenum frame design. The three face designs available are perforated steel, acrylic eggcrate and aluminum eggcrate. These easy to use and ready to go T-Bar Grilles come with or without the 1 1/2" ductboard.

The 1120 perforated model is available as either a Supply Diffuser employing the stamped deflector or return. Each model is also available in full-size T-Bar configurations including half T-Bar and double T-Bar dimensions.



**Model 1120S**  
Perforated Face  
Plenum Frame Design

**Model 1124R**  
Perforated Face  
Plenum Frame Design

**Model 1130**  
Acrylic Egg-Crate Face  
Plenum Frame Design

**Model 1140**  
Aluminum Egg-Crate Face  
Plenum Frame Design

**Features**

- Steel construction
- Perforated or egg crate face
- Perforated face with 51% open free area
- Acrylic or aluminum egg crate
- Plenum frame design
- Available in 3 sizes
- Pristine white powder coat finish
- Optional ductboard back

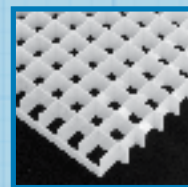
**Product Detail**



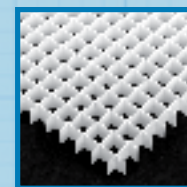
Plenum box on reverse side



Seismic support tabs

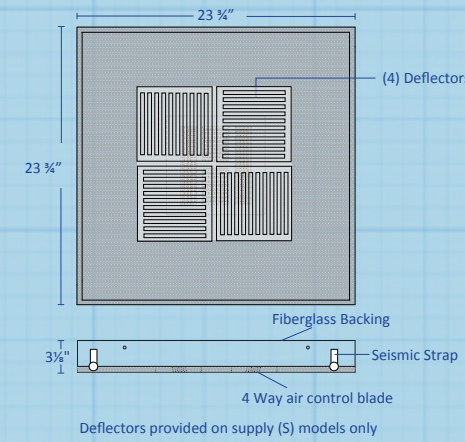


Acrylic Egg Crate

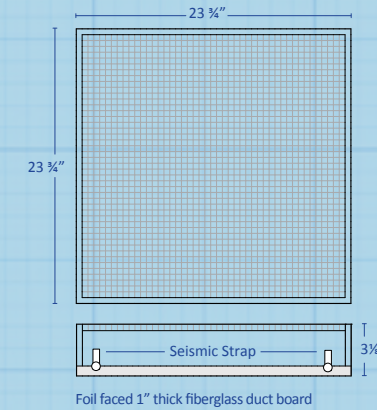


Aluminum Egg Crate

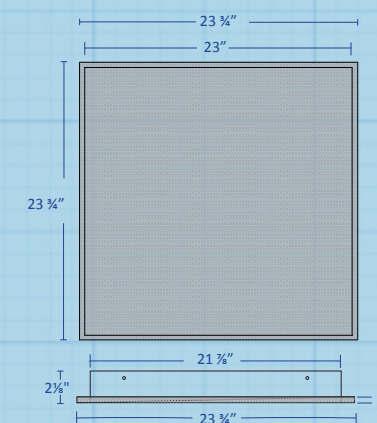
**Model 1120**



**Model 1130 / 1140**



**Model 1124R**



**Model Number Specifications**

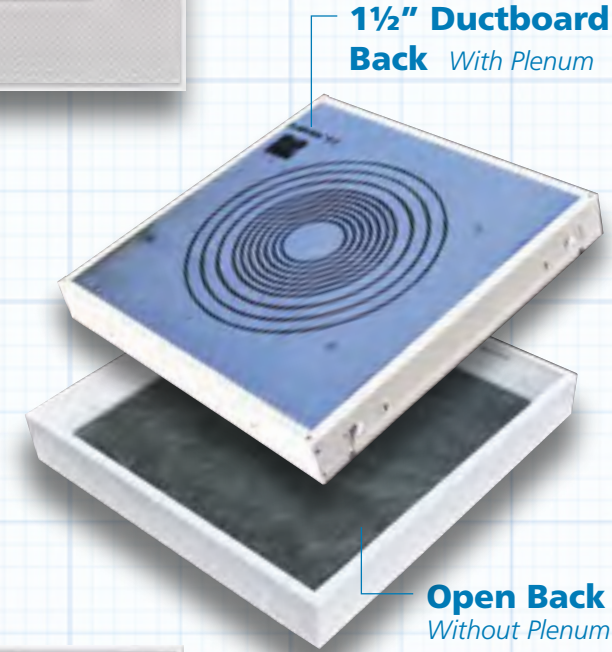
**1 1 2 0 D B S - 2**

- T-Bar Plenum Frame Grille Face**
  - 20 = Perforated
  - 24 = Perforated with Rectangular Neck
  - 30 = Egg Crate / Acrylic
  - 40 = Egg Crate / Aluminum
- Backing**
  - Blank = No Insulated Duct Board
  - DB = Insulated Duct Board (Excluding Model 1124R)
- Nominal Size**
  - Blank = 24" x 24"
  - 1 = 24" x 12"
  - 4 = 24" x 48"
- Type**
  - S = Supply with Deflectors (1120 Only)
  - R = Return without Deflectors

**1120S Series Options**

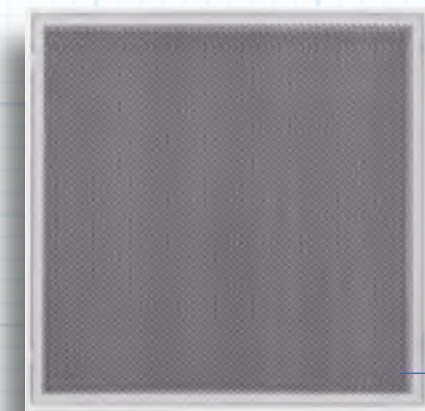


**Model 1120S**  
Shown with Supply Deflectors



**1 1/2" Ductboard Back** With Plenum

**Open Back** Without Plenum



**Model 1124R**



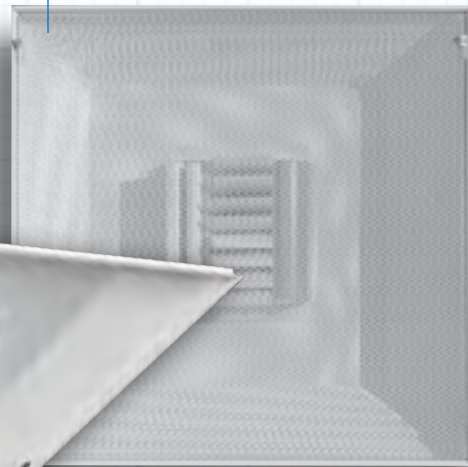
Detail View showing mitered corner and perforated face with 51% open area.

**1400 Series**

The 1400 Series is a set of hinged perforated face T-Bar products. Choose from models providing the luxury of high-quality adjustable blades, smooth and even 360° airflow, or the economy of adjustable deflectors. The 1444RG is the perfect match for either Supply Diffuser. Every 1400 Series Diffuser comes standard with the TRUaire Super-Collar and is also available with optional insulation.

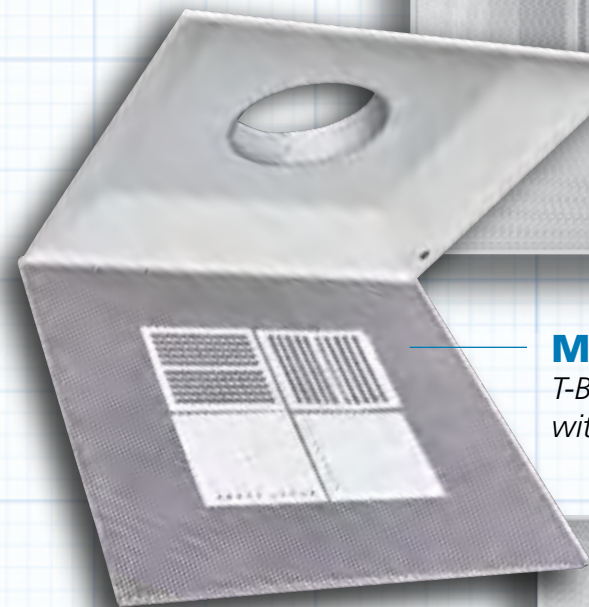
**Model 1400CB**

T-Bar Perforated Curved Blade - Supply Diffuser



**Model 1420AB**

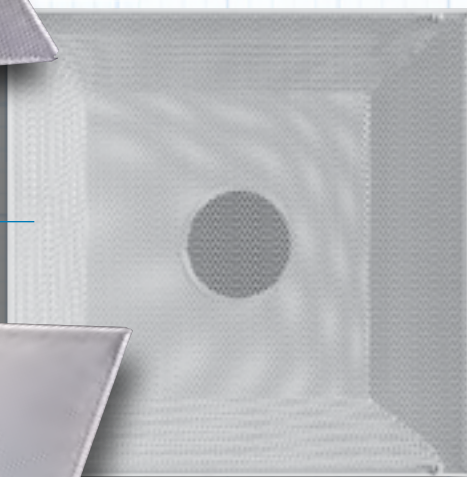
T-Bar Perforated Supply Diffuser with Rotating Deflectors



Shown in open position

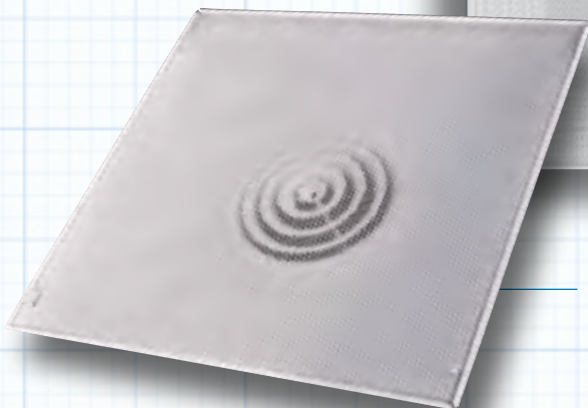
**Model 1444RG**

T-Bar Perforated Return Grille



**Model 1480RD**

T-Bar Perforated Supply Diffuser

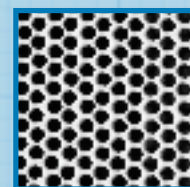


Compare to:	1400	1444	1480
Hart & Cooley	CBPS	CBPR	--
Titus	PCS	PDR	--
Shoemaker	825	830	--
Metal Aire	7600	--	--
Price	--	--	--
Krueger	--	--	--

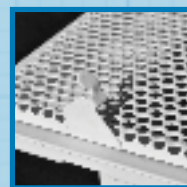
**Features**

- Steel construction
- Seismic support tabs
- TRUaire Super Collar
- Hinged 51% free open area perforated face
- Fine line available on 1400CB and 1444RG Models
- Pristine white powder coat finish
- Optional molded R6 insulated back

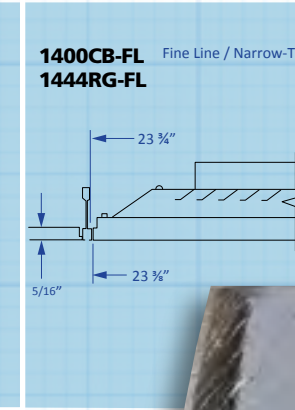
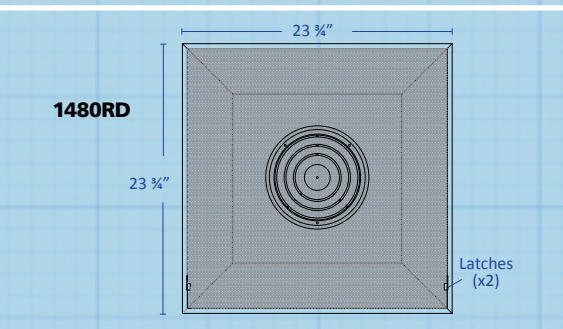
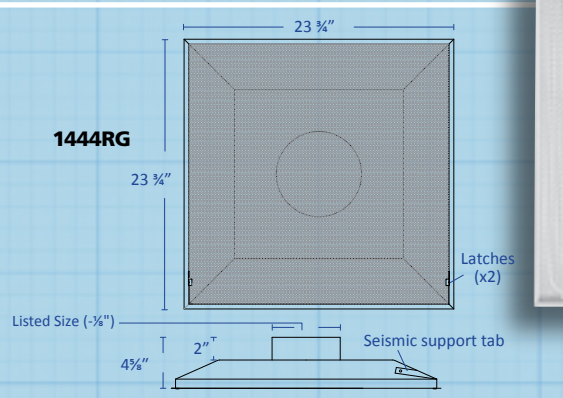
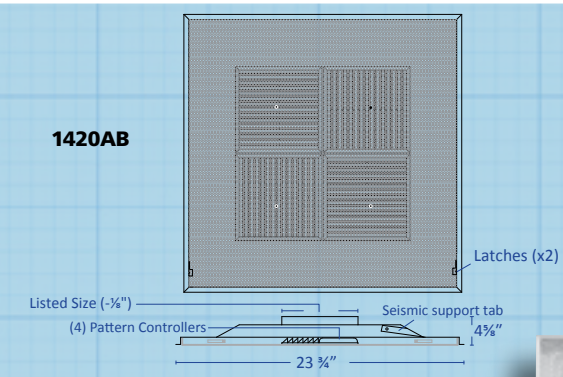
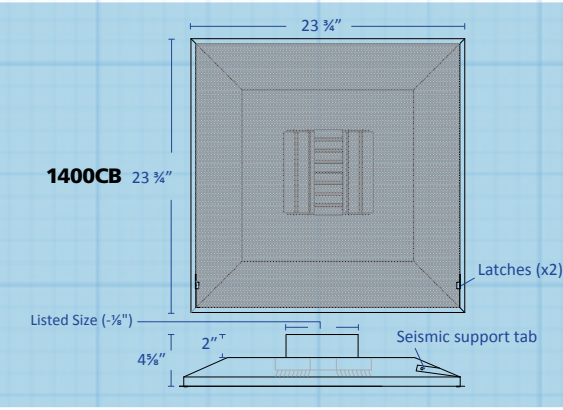
**Product Detail**



Steel Perforated Face 51% Open Area

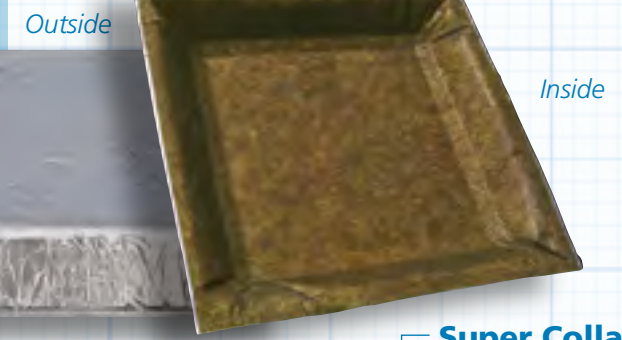


SmoothGlide™ Latch Technology



**1400 Series Options**

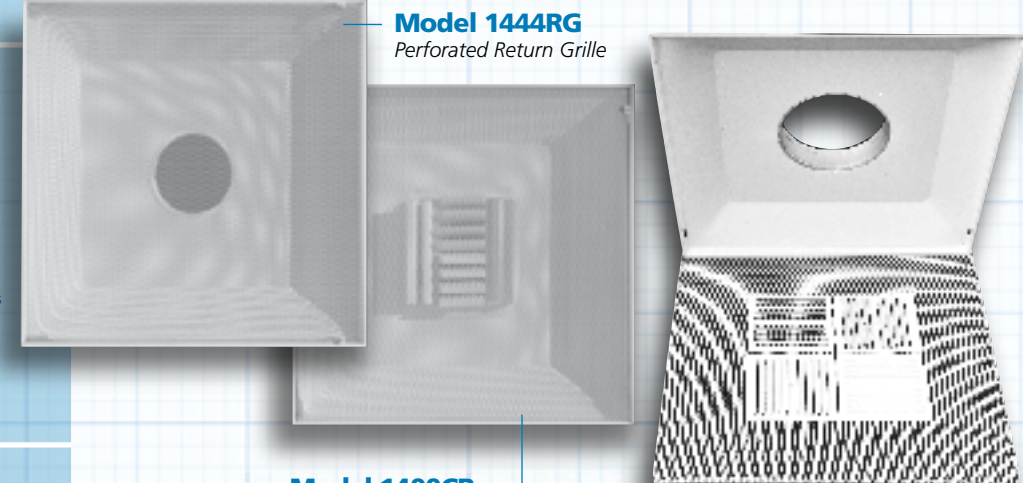
**Optional Molded Insulated Back**



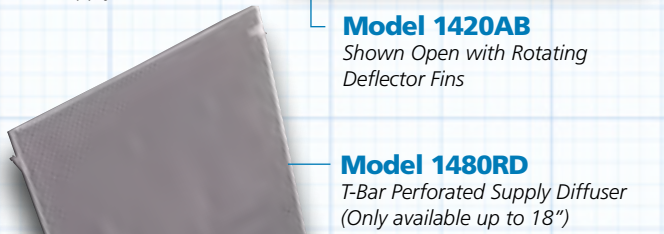
**Super Collar**

2"

**Model 1444RG**  
Perforated Return Grille



**Model 1400CB**  
Curved Blade Supply Diffuser



**Model 1420AB**  
Shown Open with Rotating Deflector Fins

**Model 1480RD**  
T-Bar Perforated Supply Diffuser (Only available up to 18")

**Model Number Specifications**

**1400CB-FL/08IN**

T-Bar Hinged Perforated Face Diffuser Style

- 00CB = Curved Blade Supply
- 20AB = Deflector Supply
- 44RG = Round Neck Return
- 55RG = Square Neck Return
- 80RD = Round Supply

**Fine Line**

- Blank = Lay-In
- FL = Fine Line

(Only Available on 1400CB and 1444RG)

**R6 Insulation Option**

- Blank = No Molded R6 Insulated Back
- IN = Molded R6 Insulated Back

**Neck Size**

- 06 = 6"Ø
- 08 = 8"Ø
- 10 = 10"Ø
- 12 = 12"Ø
- 14 = 14"Ø or 14 = 14" x 14" (Model 1455RG Only)
- 16 = 16"Ø
- 18 = 18"Ø
- 20 = 20"Ø

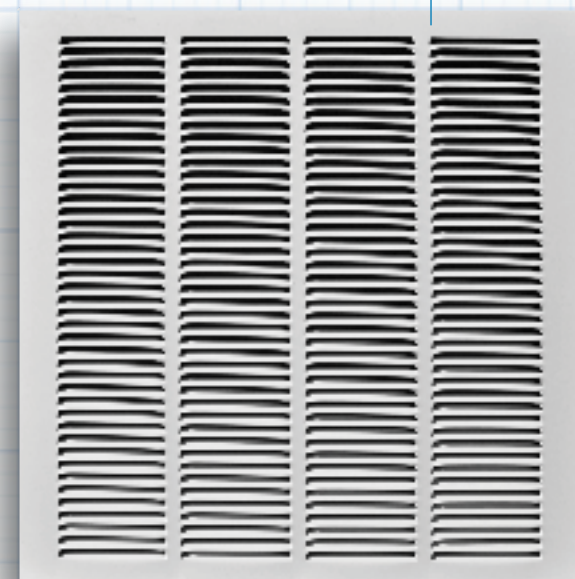


**1110 Series**

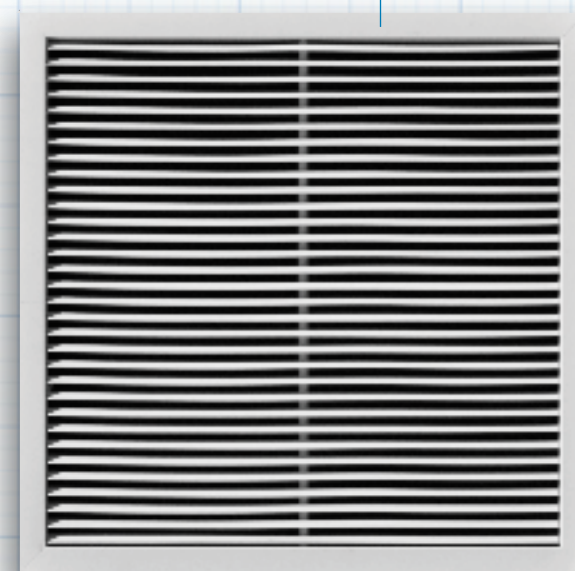
There are four basic face designs available in our T-Bar Return Panel product line with a couple of options for each model to address every installation concern. Every model is designed to be simple and flexible; ranging from the economy of stamped steel to the more luxurious and stylish look of aluminum egg crate.



**Model 1110RG**  
Stamped Steel Panel



**Model 1210RG**  
**Model A1210RG**  
Fixed Bar Panel  
60° Blade Angle from Face



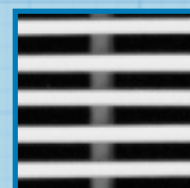
**Features**

- Versatile face designs
- T-Bar or Surface mount
- Rugged steel or aluminum models
- Durable white powder-coat

**Product Detail**

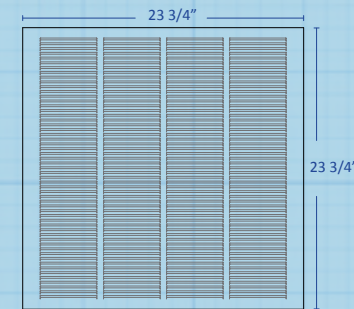


Stamped Steel with 1/2" Blade Spacing

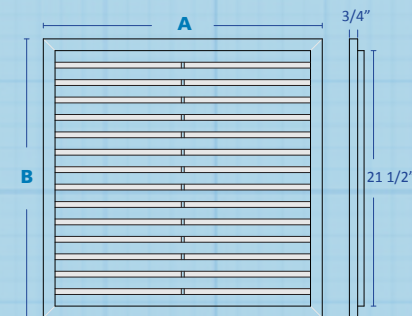


Steel Fixed Bar with 3/4" Blade Spacing

Model 1110RG - Stamped Steel Panel



Model 1210RG / A1210RG - Fixed Bar Panel



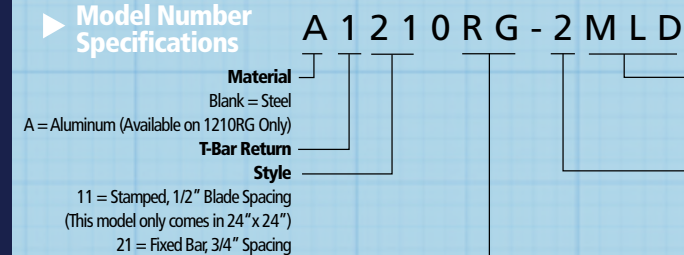
**1110 SERIES DIMENSIONS**

MODEL	A	B
-1	23 3/4"	11 3/4"
-2	23 3/4"	23 3/4"
-4	47 3/4"	23 3/4"

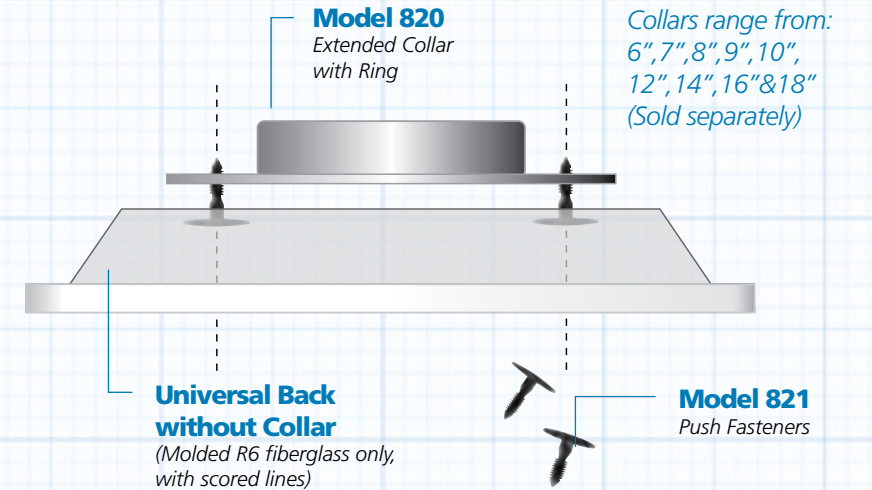


Model 1110RG - Detail View of Stamped Steel Panel with 1/2" Blade Spacing

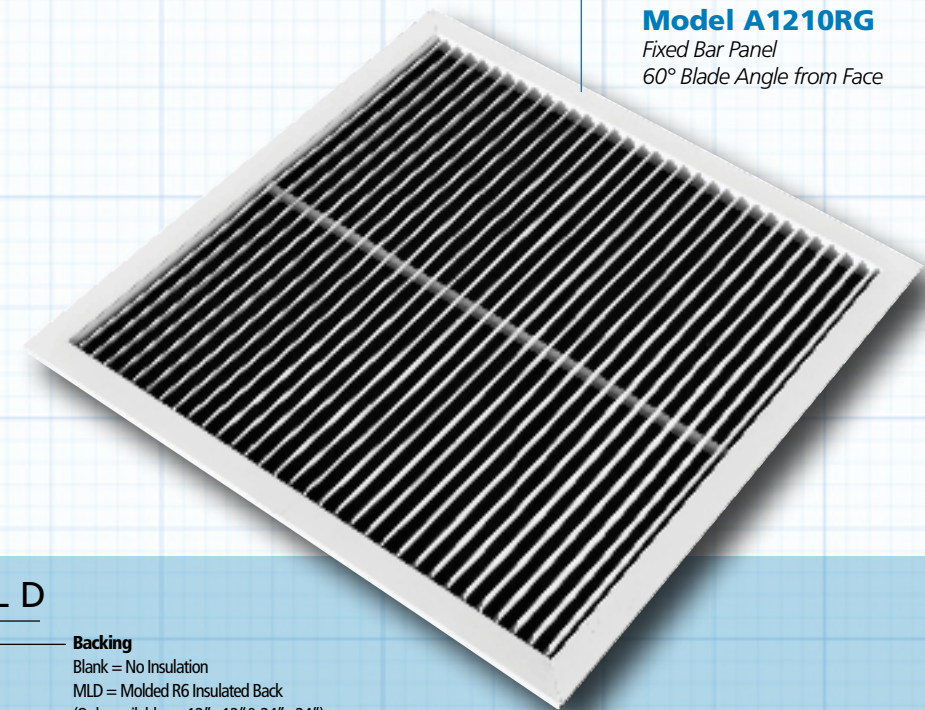
**Model Number Specifications**



**1110 Series Options**

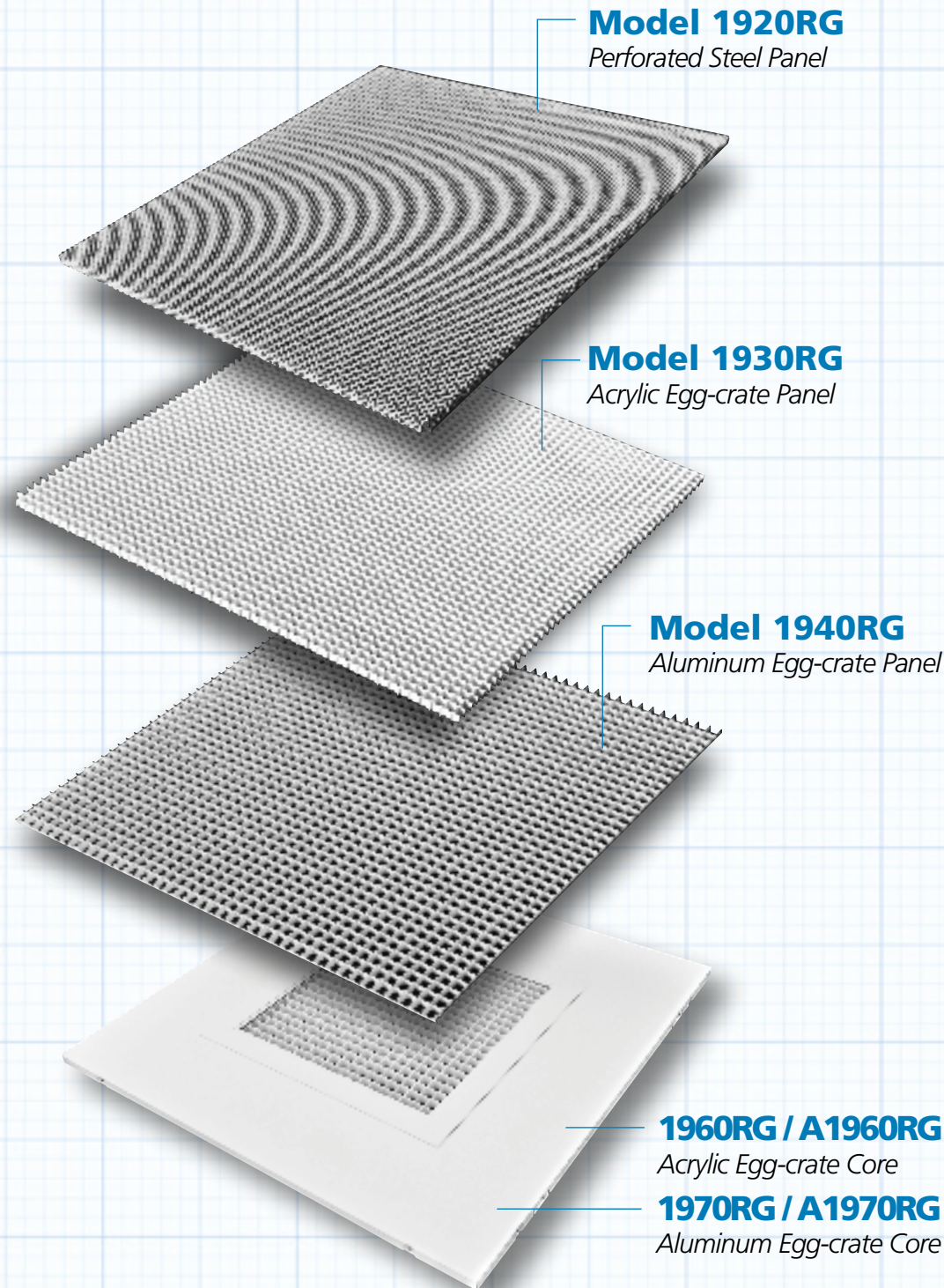


**Model 1210RG**  
**Model A1210RG**  
Fixed Bar Panel  
60° Blade Angle from Face



**1900 Series**

There are four basic face designs available in our T-Bar Return Panel product line with a couple of options for each model to address every installation concern. Every model is designed to be simple and flexible; ranging from the economy of stamped steel to the more luxurious and stylish look of aluminum egg crate.



**Model 1920RG**  
Perforated Steel Panel

**Model 1930RG**  
Acrylic Egg-crate Panel

**Model 1940RG**  
Aluminum Egg-crate Panel

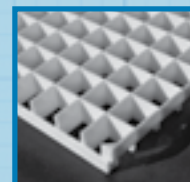
**1960RG / A1960RG**  
Acrylic Egg-crate Core

**1970RG / A1970RG**  
Aluminum Egg-crate Core

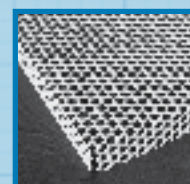
**Features**

- Versatile face designs
- T-Bar or Surface mount
- Rugged steel or aluminum models
- Durable white powder-coat (except aluminum egg-crate)

**Product Detail**

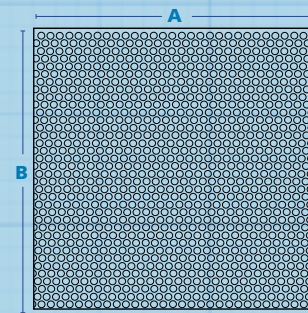


Acrylic Egg Crate Aluminum Egg Crate

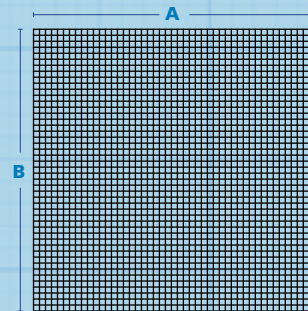


Perforated Face

**Model 1920RG**



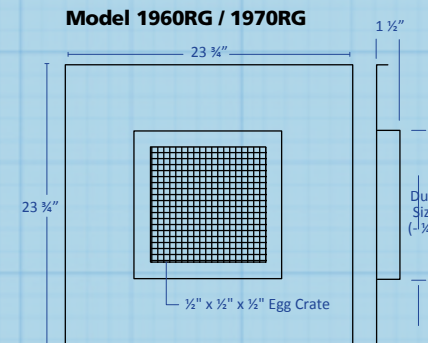
**Model 1930RG / 1940RG**



**1900 SERIES DIMENSIONS**

MODEL	A	B
-0	11 3/4"	11 3/4"
-1	11 3/4"	23 3/4"
-2	23 3/4"	23 3/4"
-4	23 3/4"	23 3/4"

**Model 1960RG / 1970RG**



**Model Number Specifications**

**A 1960RG - SQ 10**

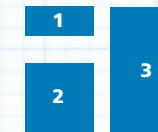
- Material**  
Blank = Steel  
A = Aluminum
- T-Bar Return Style**  
96 = Acrylic Egg Crate  
97 = Aluminum Egg Crate
- Return Grille**
- Neck Size**  
06 = 6"  
08 = 8"  
10 = 10"  
12 = 12"  
14 = 14"  
16 = 16"  
18 = 18"  
20 = 20"  
22 = 22"
- Neck Geometry**  
SQ = Square  
R6 = Universal R6 Insulated Back

**Model Number Specifications**

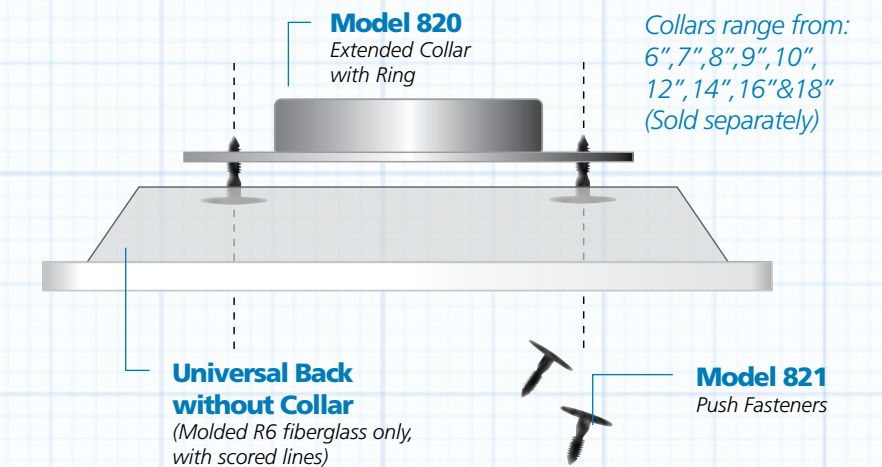
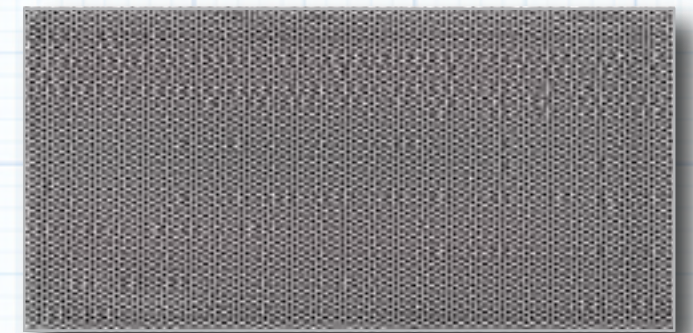
**A 1930RG - 2**

- Material**  
Blank = Steel  
A = Aluminum
- T-Bar Return Style**  
92 = Perforated Panel (Non-Ducted)  
93 = Acrylic Egg Crate Panel (Non-Ducted)  
94 = Aluminum Egg Crate Panel (Non-Ducted)
- Return Grille**
- Nominal Size**  
0 = 12" x 12"  
1 = 12" x 24"  
2 = 24" x 24"  
4 = 24" x 48"

**T-Bar Return Air Panel Options**



12" x 24"  
Perforated  
Face Shown



**Universal Back without Collar**  
(Molded R6 fiberglass only, with scored lines)

**Model 821**  
Push Fasteners

Collars range from:  
6", 7", 8", 9", 10",  
12", 14", 16" & 18"  
(Sold separately)

**2000 Series**

Step Down Diffusers go by many names; Lay-ins, Cone Diffusers, or even T-Bar Diffusers. The term "T-Bar" comes from the shape of the railing that holds the ceiling tiles in a drop ceiling. The railing forms a grid of squares and T-Bar Diffusers are designed to fit, or "lay-in", those grid squares.

The "cone" shape of the diffuser allows for a maximum volume of airflow into the air-conditioned space.



**Model 2000PD  
Model A2000PD**  
Single Plaque Diffuser



**Model 2003CD  
Model A2003CD**  
2 Cone Diffuser



**Model 2004CD  
Model A2004CD**  
3 Cone Diffuser



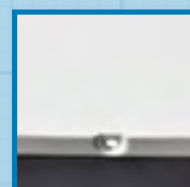
**Compare to:**

	2000PD	2003CD	2004CD
Hart & Cooley	DPD	FPD/FPD3	FPD/FPD3
Titus	OMNI	TMS	TMS
Shoemaker	HL	HVL/HVD	HVL/HVD
Metal Aire	5750	5800	5800
Price		SCD	SCD
Krueger	PLQ	1400	1400

**Features**

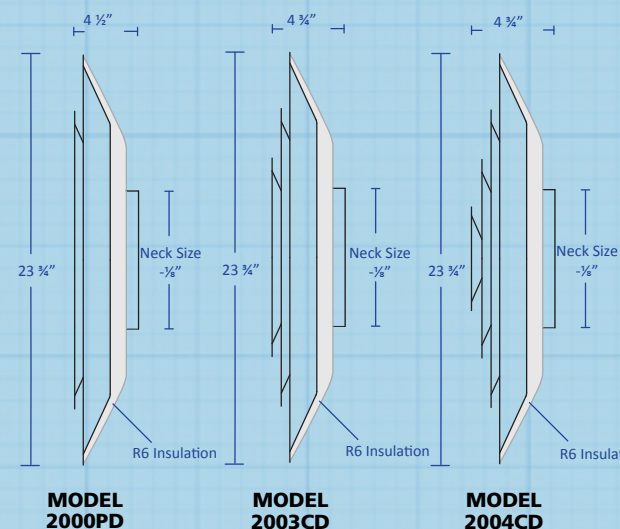
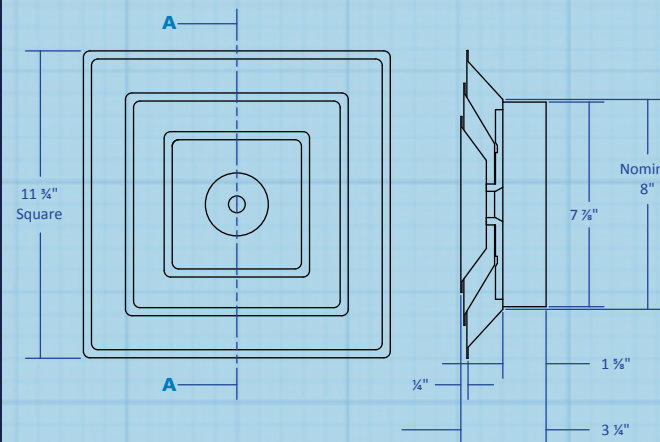
- Steel construction
- Aluminum construction on 2000PD, 2003CD and 2004CD
- Seismic support tabs
- TRUaire Super Collar
- Pristine white powder coat finish
- Optional molded R6 insulated back
- Optional butterfly damper
- Optional radial damper

**Product Detail**

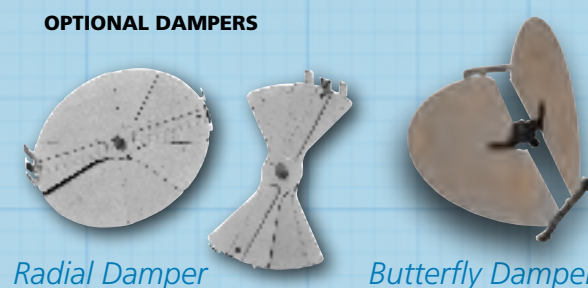


Recessed hanger wire hole

**MODEL 2013CD**



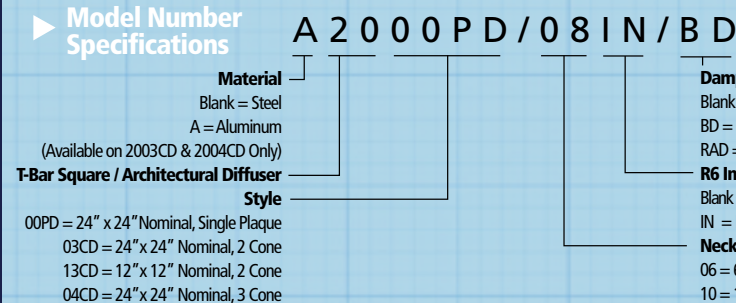
**OPTIONAL DAMPERS**



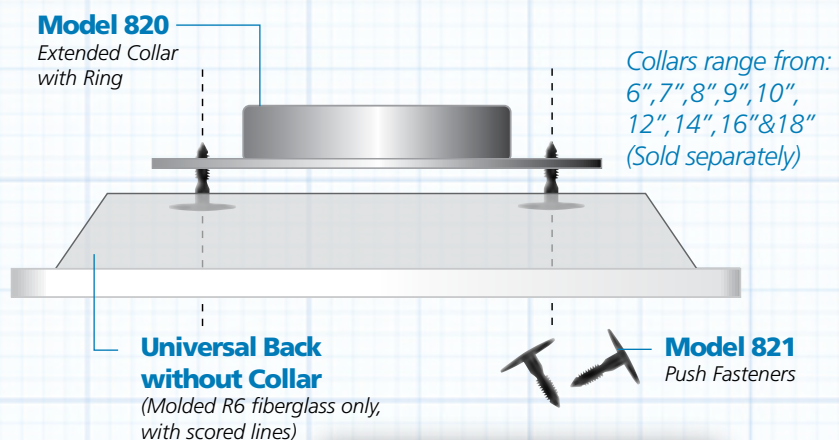
Radial Damper

Butterfly Damper

**Model Number Specifications**



**2000 Series Options**



**Steel Back with Collar**  
(uninsulated, fixed Super-Collar)



**R6 Insulated Steel Back with Collar**  
(Steel back, R6 insulation, fixed Super-Collar)

**R6 Insulated Steel Back without Collar**



**Super Collar 2"**



This exclusive Truair Super-collar is the Installer's dream come true. Made from extra-heavy gauge Electro-galvanized steel, this collar will not flex or buckle under the pressure of a zip-screw gun. It stands a full 2" tall, and comes with a solid steel "bead" around the entire collar to help prevent any flex duct slippage.

**2600 Series**

The 2600 Series diffusers are the perfect blend of style, function, and economy. As with everything TruAire makes, economy doesn't mean sacrificing quality. Manufactured with the highest standards, using heavy gauge steel and finished with our pristine white powder-coat, these stamped four-way diffusers utilize a large curved blade design providing a wide area of effective air diffusion. The outwardly curved blade pattern is an architecturally attractive design proving that form can also follow function.



**Model 2604SC**

Curved Blade Diffuser - Steel Construction



**Compare to:** 2604SC

Hart & Cooley	--
Shoemaker	104
USAire	--
Continental	--
Lima	--
Airmate	--

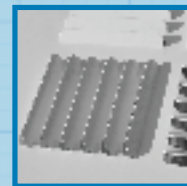
**Features**

- Steel construction
- Seismic support tabs
- Stamped curved blade
- Pristine white powder coat finish
- Optional molded R6 insulated back
- Optional butterfly damper
- Optional radial damper
- Optional opposed blade damper

**Product Detail**



Optional Opposed Blade Damper

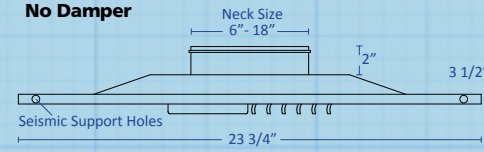


Detail view of stamped curved blades

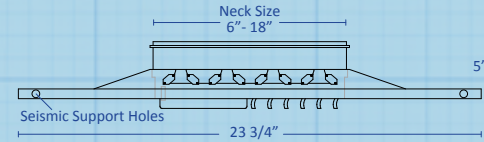
**2600 Series Options**

**Model 2604SC**

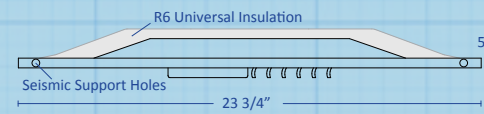
**No Damper**



**Opposed Blade Damper**



**Insulated Back**



**Model 2604SC-RD**

With Round Neck

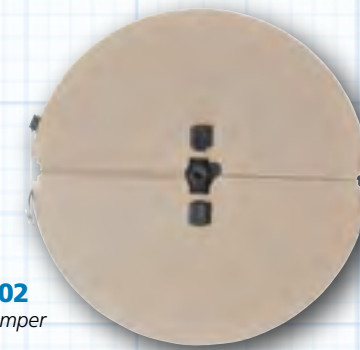


**Opposed Blade Damper**  
With Traditional Square Neck

Detail view - Model 2604SC  
Reverse side shown with  
Optional Opposed Blade Damper

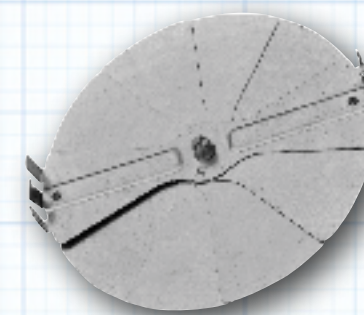
**Model 802**

Butterfly Damper



**Model 804**

Radial Damper



**Model Number Specifications**

**2604SCOR10IN**

T-Bar Stamped Curved Blade Diffuser

(4-Way Only)

Damper Option

Blank = No Damper

O = Opposed Blade

Neck Geometry

RD = Round

SQ = Square

R6 Insulation Option

Blank = No Molded R6 Insulated Back

IN = Molded R6 Insulated Back

Neck Size

06 = 6"Ø

08 = 8"Ø

10 = 10"Ø

12 = 12"Ø

14 = 14"Ø

16 = 16"Ø

18 = 18"Ø

**4000 Series**

The 4000 Series T-Bar Filter Grille line-up is a comprehensive combination of design, function, and budget. From the economy of stamped steel to the shine of aluminum egg-crate, and every design in between, we pour the same commitment to quality into every product.

Whether you're building your own plenum box or utilizing our pre-made plenum backs, we've got the right design and the right installation options to fit every project.



**Model 4010FG**

Stamped Face Return - 1/2" Fins

**Model 4060FG**

Stamped Face Return - 1/3" Fins

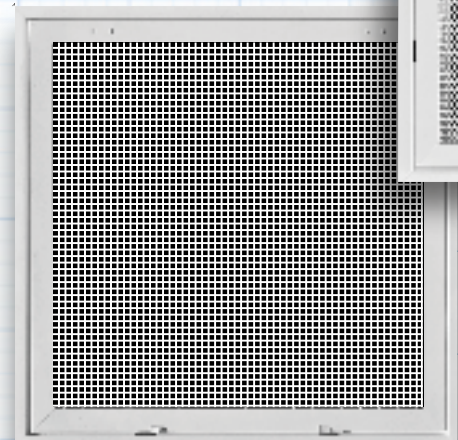


**Model 4020FG  
Model A4020FG**

Fixed Bar Return Air Filter Grille

**Model 4030FG**

Perforated Face  
Return Air Filter Grille



**Model 4040FG (Acrylic)**  
Egg-Crate Return Air Filter Grille

**Model 4050FG (Aluminum)**  
Egg-Crate Return Air Filter Grille

**Compare to:**

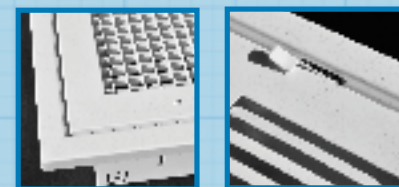
	4020	4030	4050
Hart & Cooley	96AFBT	PFT/PFTI	REF5T
Titus			50FF-3
Shoemaker		105/106	600TFG
Metal Aire			CC5FB-TB
Price			80FF-TB
Krueger			EGC5

**Features**

- Steel construction
- Aluminum construction on A4020FG
- Fixed hinge face
- 5 face styles
- 1", 2" or 4" deep filter options
- 3 available sizes
- SmoothGlide Finger Latches
- Pristine white powder coat finish
- Optional molded R6 insulated back on filter Option 1
- Optional ductboard back on filter Option Ø and Option 4

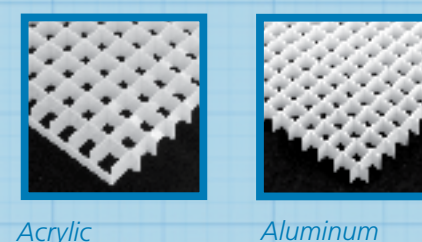
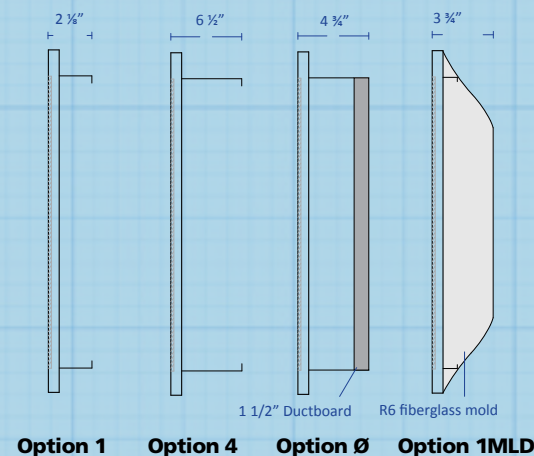
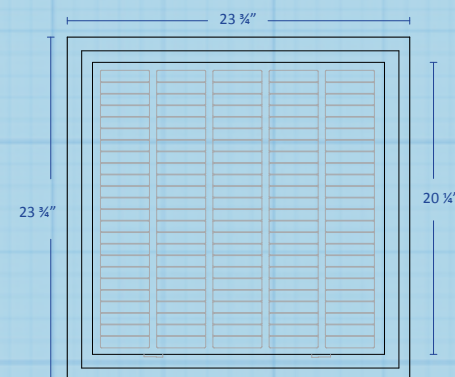
**NOTE:** Filters are not included with return air filter grilles.

**Product Detail**

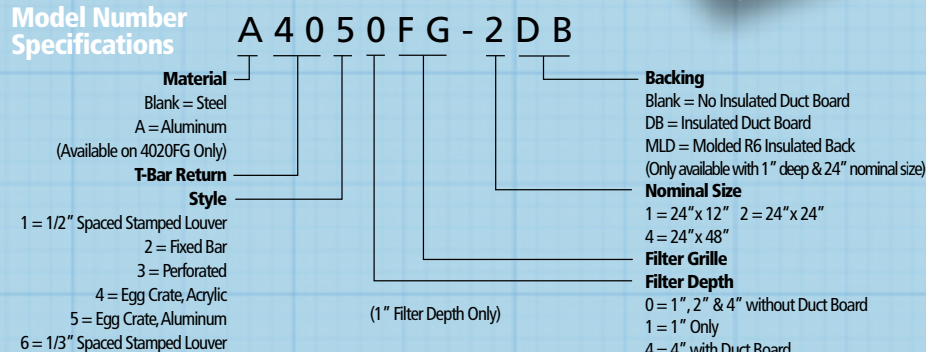


Premium Egg Crate    SmoothGlide Latch

*NOTE: All dimensions shown are typical for Model 4000 Series filter grilles.*

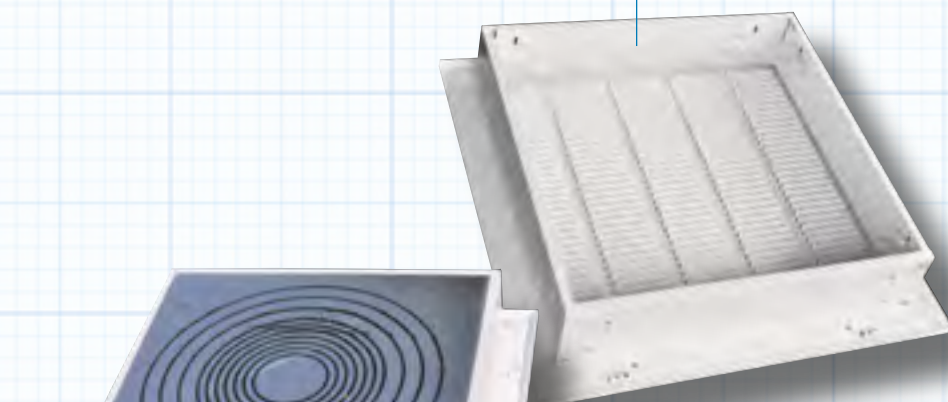


**Model Number Specifications**



**4000 Series Options**

**Open Back - Without Duct Board**

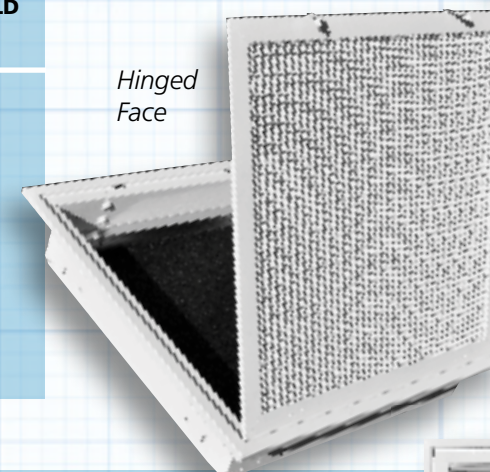


**1 1/2" Ductboard Back**



**Universal R6 Molded Fiberglass Back**

(\*NOTE: The molded R6 back is available with 1" deep filter and 24"x 24" size)



Hinged Face



**Model 4020FG-4**  
Fixed Bar Return Air Filter Grille - 24" x 48"

**5200 Series**

The 5200 Series Diffuser stands alone as the most versatile of all T-Bar Supply Diffusers. Four individually mounted aluminum snap-in **cores** can be arranged in one, two, three, or four-way throw configurations. The Model 5200 can also be arranged in a two-way corner throw for added versatility.

These four core sections are positioned together forming a square in the interior of either a top quality aluminum T-Bar panel, or less expensive steel T-Bar panel; both are 100% powder-coated to prevent rust and corrosion. Available with either steel or aluminum panels and in square or round duct connections or with the optional Opposed Blade Damper.

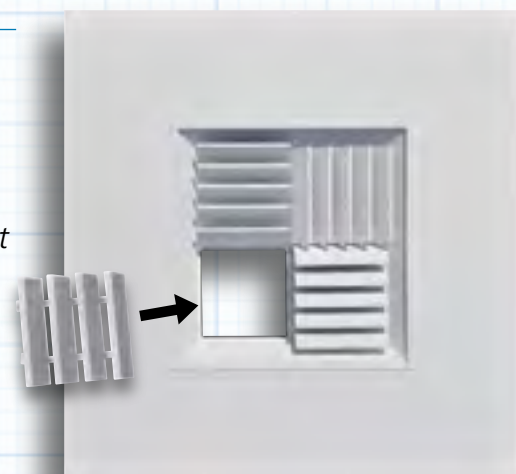
**Model 5200CB**

Aluminum Core - Steel Panel



**Model A5200CB**

Aluminum Core - Aluminum Panel



Shown with core component removed

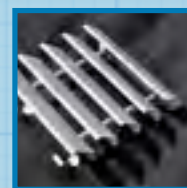


Compare to:	5200	A5200
Hart & Cooley	MCDST	MCDST
Titus	MCD-3	MCD-3
Shoemaker	700MA	700MA
Metal Aire	9000	9000
Price	AMCD	AMCD
Krueger	1200	1200

**Features**

- Extruded aluminum core
- Available with either steel or aluminum panel
- Field configurable throw patterns; one, two, three or four way
- Pristine white powder coat finish
- Optional molded R6 insulated back
- Optional opposed blade damper

**Product Detail**

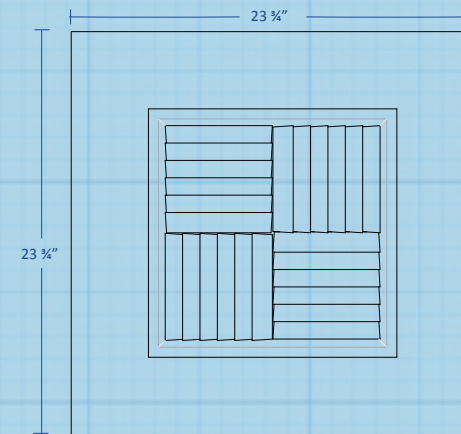


Detachable Cores

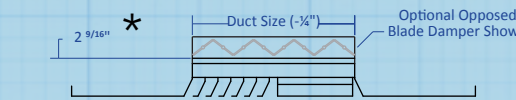


Recessed hanger wire hole

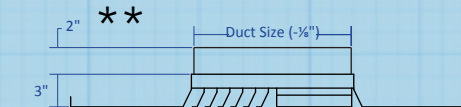
NOTE: All dimensions shown are typical for both Model 5200CB and A5200CB.



**SQUARE NECK**



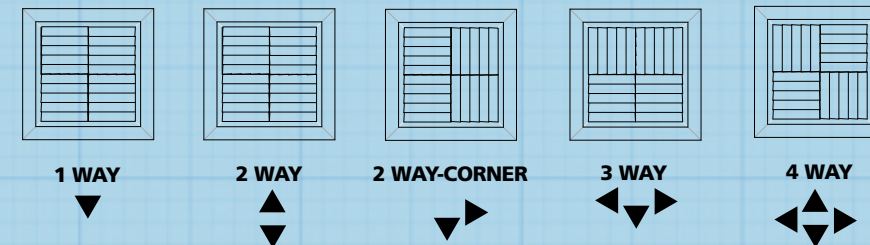
**ROUND NECK**



**NOTES:**

- \*Optional opposed blade damper will increase height to 4 1/16"
- \*\*Optional opposed blade damper will increase height to 5"

**Field Configurable Throw Patterns**



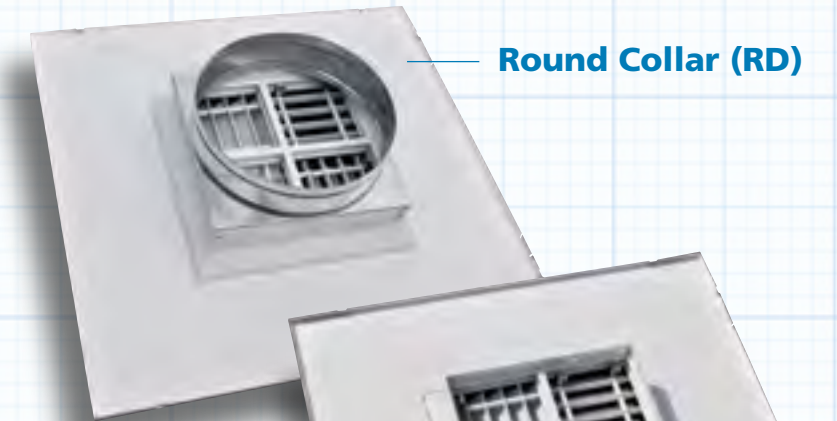
Detachable core panels can be arranged in a variety of airflow patterns

**Model Number Specifications**

**A 5 2 0 0 C B O - R D 0 8 - I N**

<b>Material</b>	A = Aluminum Panel / Aluminum Core	<b>R6 Insulation Option</b>	Blank = No Molded R6 Insulated Back
<b>T-Bar Modular Core Diffuser</b>		<b>Neck Size</b>	IN = Molded R6 Insulated Back
<b>Damper Option</b>	Blank = No Damper		06 = 6"Ø
	O = Opposed Blade		08 = 8"Ø
<b>Neck Geometry</b>			10 = 10"Ø
	RD = Round		12 = 12"Ø
	SQ = Square		14 = 14"Ø
			16 = 16"Ø
			18 = 18"Ø
			20 = 20"Ø

**5200 Series Options**



Round Collar (RD)

Traditional Square Neck (SQ)

Opposed Blade Damper with Round Collar

Opposed Blade Damper with Traditional Square Neck

**5400 Series**

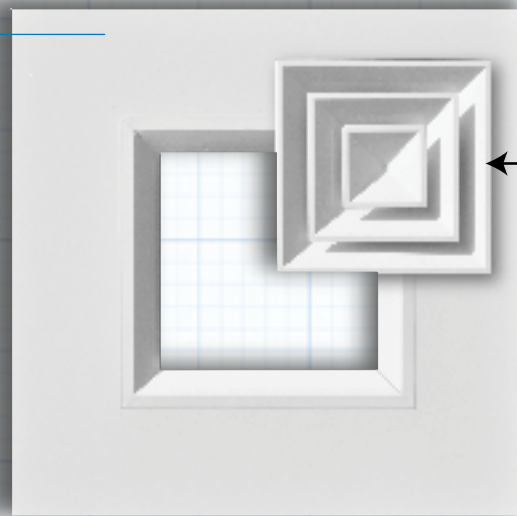
This attractive T-Bar design comes in a sleek low-profile blade arrangement, engineered to be "flush" with the ceiling. This diffuser might be considered the architects first choice for small to medium-sized commercial projects.

The all aluminum blade construction, in one, two, three, four-way, and even two-way corner throw configurations, can be ordered in a matching aluminum T-Bar panel, or a rugged steel T-Bar panel. The back of this diffuser comes in 6, 9, 12, 15, and 18-inch square neck configurations or with a Universal Fiberglass Back. Optional high-quality Opposed Blade Dampers and optional insulation rounds out the offering.



Compare to:	5400	A5400
Hart & Cooley	SRT/ART	SRT/ART
Titus	TDC	TDC
Shoemaker	700	700
Metal Aire	5500	5500
Price	SMD	SMD
Krueger	SH23	SH23

**Model 5400SD** Aluminum Core / Steel Panel  
**Model A5400SD** Aluminum Core / Aluminum Panel  
 4-Way Deflection (Shown with blades removed)



Easy-to-change modular blades are interchangeable. Choose from air-throw patterns below. **NOTE:** Model 5404SD is most common.

**Features**

- Extruded aluminum core
- Available with steel or aluminum panel
- 5 air-throw patterns
- Removable center core
- Pristine white powder coat finish
- Optional molded R6 insulated back
- Optional opposed blade damper

**Product Detail**

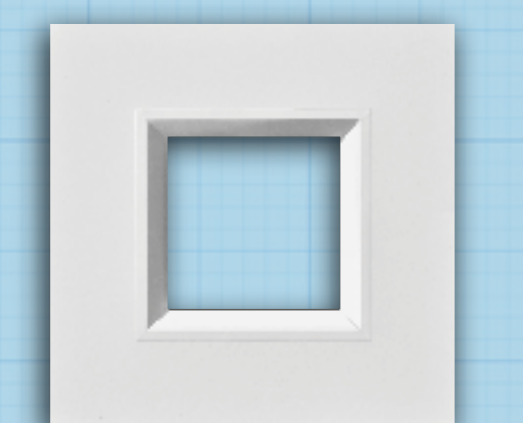
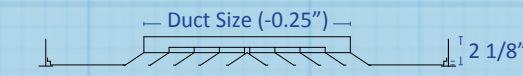
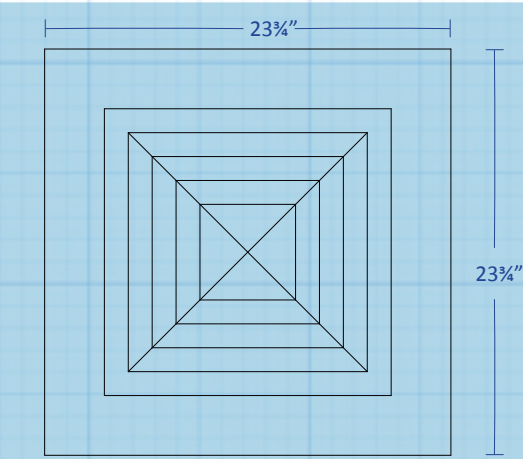


Recessed hanger wire hole



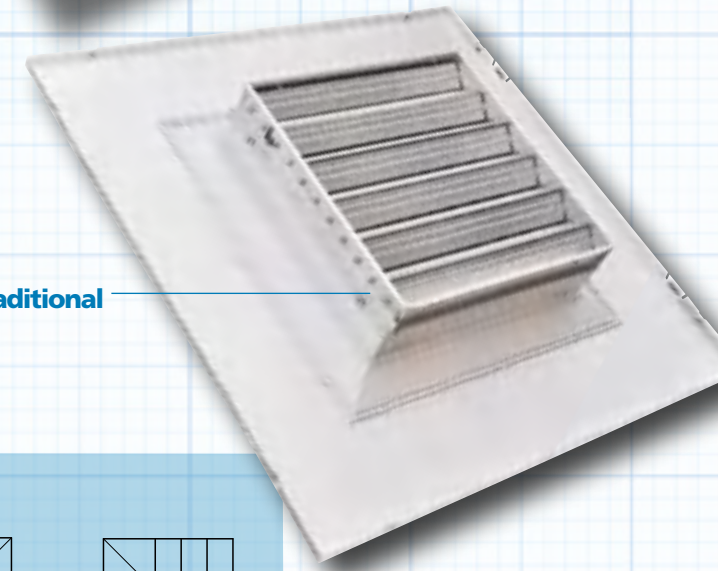
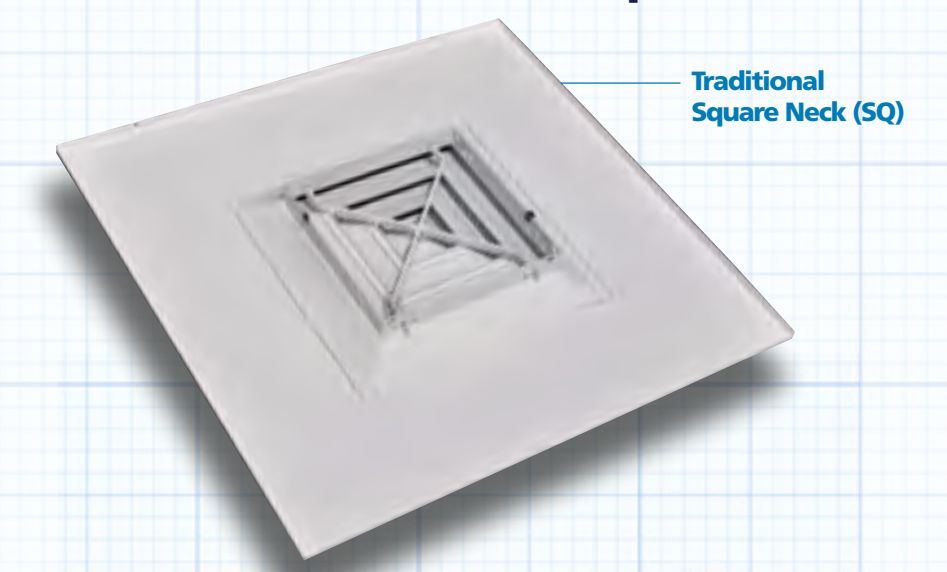
Low-Profile Blade Design

**Lay-In Directional Diffuser**



**Accessory Part - 5400SD-06PAN**  
 (Available accessory frame steel panel ONLY)

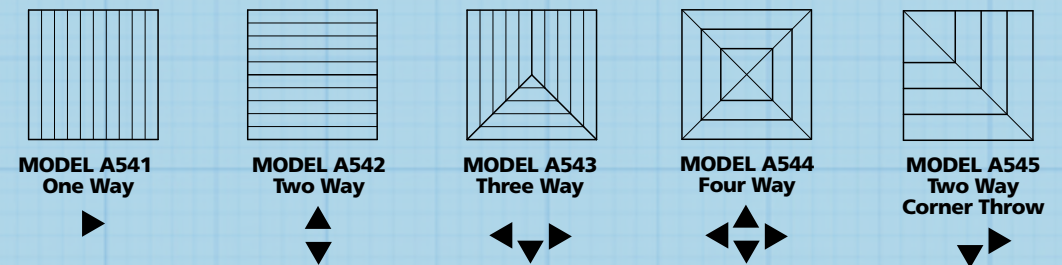
**5400 Series Options**



**OBD with Traditional Square Neck**

**R6 Insulated Steel Back without Collar**

**Throw Patterns:**



**Model Number Specifications**

**A 5 4 0 4 S D O - R D 0 8 - I N**

<b>Material</b>	A = Aluminum Panel / Aluminum Core	<b>R6 Insulation Option</b>	Blank = No Molded R6 Insulated Back
<b>T-Bar Directional Diffuser</b>		<b>Neck Size</b>	IN = Molded R6 Insulated Back
<b>Throw Directions</b>	1 = 1 Way 2 = 2 Way Parallel 3 = 3 Way 4 = 4 Way 5 = 2 Way Corner	06 = 6"Ø 08 = 8"Ø 10 = 10"Ø 12 = 12"Ø 14 = 14"Ø 16 = 16"Ø 18 = 18"Ø 20 = 20"Ø	<b>Neck Geometry</b>
<b>Square Diffuser</b>		RD = Round SQ = Square	
<b>Damper Option</b>	Blank = No Damper O = Opposed Blade Damper		

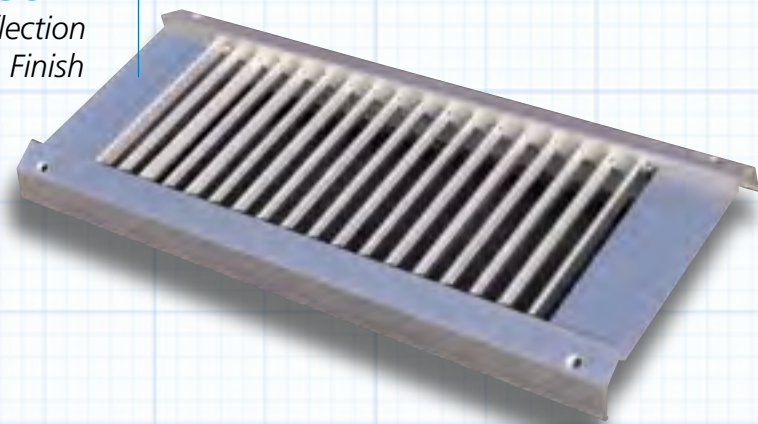


**SU Series**

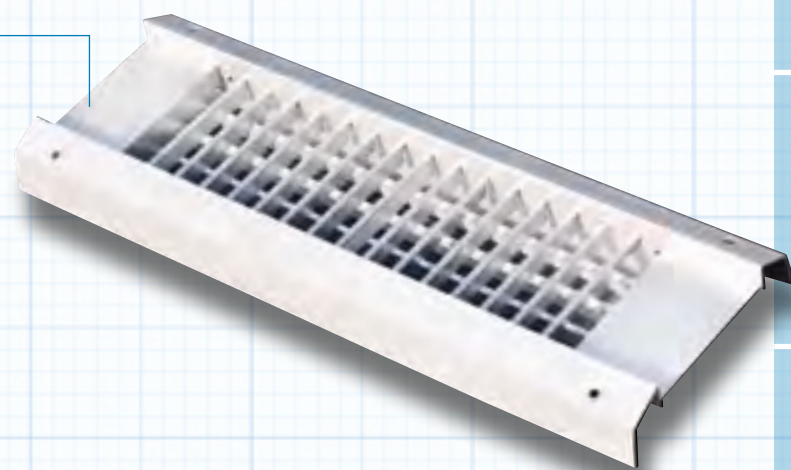
TRUaire's SU series universal spiral duct supply grilles are designed to be installed directly on round or spiral duct, eliminating the need for costly register taps and offer a clean, low profile appearance. These grilles come in either vertical single deflection or front vertical double deflection. They have 3/4" spacing and individually adjustable blades and a high density closed cell foam gasket on each end which allow the grille to form seamlessly to multiple duct diameters. Optional air scoop extracts air from the duct, allowing for air balancing and uniform air flow.



**Model SU1A**  
Single Deflection  
Aluminum Finish



**Model SU2W**  
Double Deflection  
Pristine White Finish



**Compare to:**

	SU1	SU2
Hart & Cooley	USV	USV1+
Titus	US301F	US300F
Shoemaker	USR52	USR34
Metal Aire	--	--
Price	--	--
Krueger	DMGSU	DMGDU

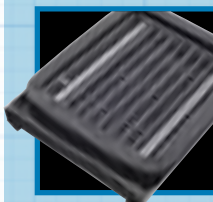
**Features**

- Aluminum construction
- SU1 is single deflection with individually adjustable vertical blades
- SU2 is double deflection with individually adjustable blades with vertical front blades
- 3/4" blade spacing
- Open cell foam gasket for air tight seal
- Pristine white or aluminum powder coat finishes
- Optional scoop damper

**Available Finishes**



**Product Detail**



Reverse side of Universal Model showing thick foam

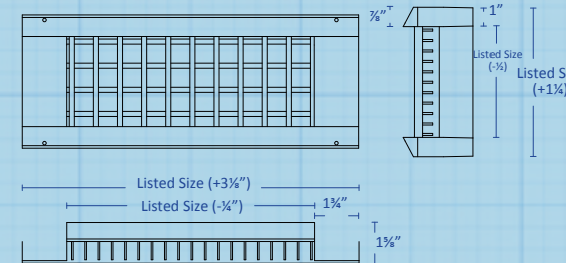
**SU Model Dampers**

**Optional Scoop Damper**

An optional air scoop is available to divert a portion of the airstream out through the register



Detail View of Scoop Option

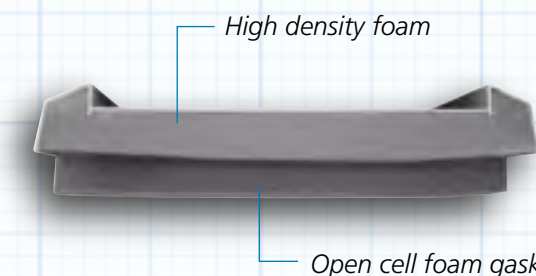


**Model SU Minimum / Maximum Duct Diameters**

Duct Diameter (IN)	GRILLE HEIGHT (IN)					
	3	4	6	8	10	12
Min/Max	6/36	8/36	10/36	12/36	14/36	26/36

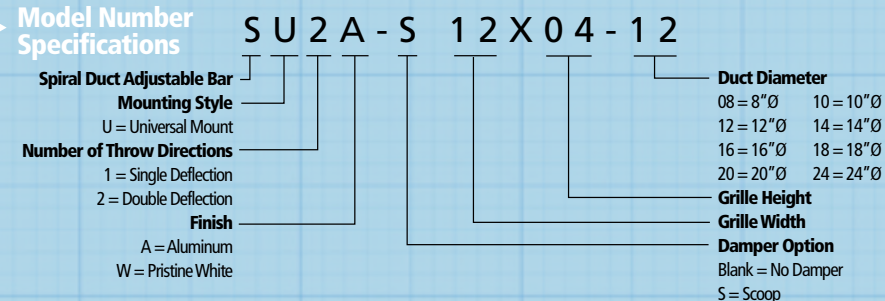


Detail View of reverse side of Model SU2A



Profile View showing high density foam perimeter

**Model Number Specifications**





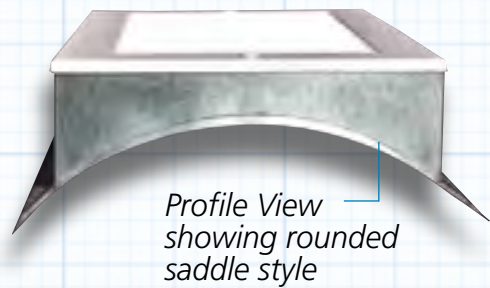
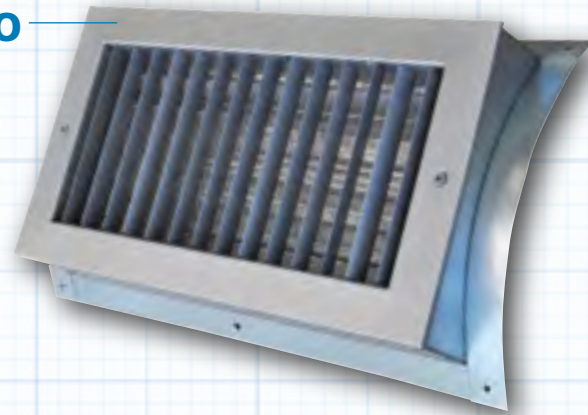
**SD Series**

TRUaire's SD series spiral duct supply grilles are designed to be installed directly on round or spiral duct, eliminating the need for costly register taps and offers a clean appearance. The curved saddle of these grilles is designed to follow the contour of round or spiral duct for a tight fit. These grilles come in either a vertical single deflection or front vertical double deflection. Optional air scoop or optional aluminum opposed blade damper both have a screwdriver adjustment which is accessible through the face of the registers allowing for air balancing and uniform air flow.



**Model SD1A-O**

Saddle Type  
Single Deflection  
White Finish



**Model SD2W**

Saddle Type  
Double Deflection  
Aluminum Finish



**Compare to:**

SD	SD
Hart & Cooley	USV
Titus	US
Shoemaker	
Metal Aire	
Price	SDG
Krueger	DMG

**Features**

- Aluminum construction
- Galvanized saddle construction
- 3/4" blade spacing
- SD1 is single deflection with individually adjustable vertical blades
- SD2 is double deflection with individually adjustable blades with vertical front blades
- Pristine white or aluminum powder coat finishes
- Optional scoop damper
- Optional opposed blade damper

**Available Finishes**



**Product Detail**

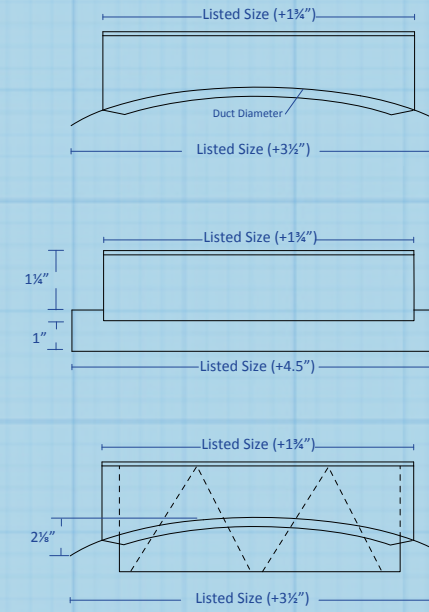


Optional Opposed Blade Damper

**SD1/ SD2 Model Dampers**

**Optional Scoop Damper**

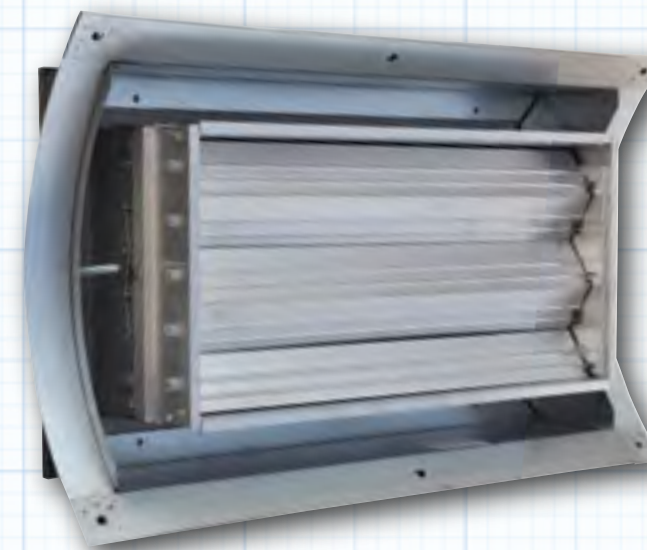
An optional air scoop is available to divert a portion of the airstream out through the register



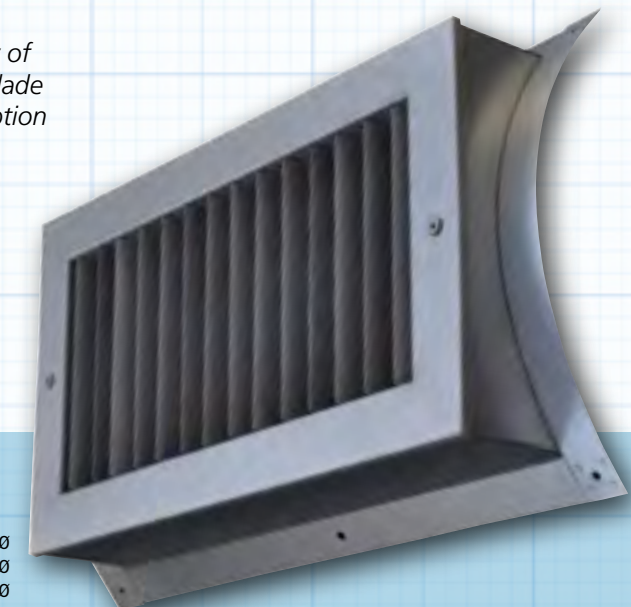
Detail View of Scoop Option

**Model SD Minimum / Maximum Duct Diameters**

Duct Diameter (IN)	GRILLE HEIGHT (IN)					
	3	4	6	8	10	12
Min/Max	10/36	10/36	12/36	20/36	24/36	24/36

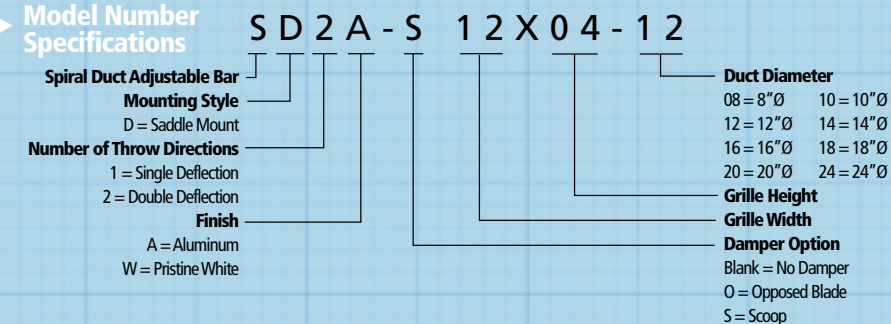


Detail View of Opposed Blade Damper Option



Detail View of blade spacing, saddle mount style and frame with aluminum finish.

**Model Number Specifications**



**SF Series**

Truairé's SF series spiral duct supply grilles are designed to be installed directly on round or spiral duct, eliminating the need for costly register taps and offers a clean, low profile appearance. The curved frame of these grilles is designed to follow the contour of round or spiral duct and has a closed cell gasket for an air tight fit. These grilles come in either vertical single deflection or front vertical double deflection. Optional air scoop or optional aluminum opposed blade damper both have a screwdriver adjustment which is accessible through the face of the registers allowing for air balancing and uniform air flow.



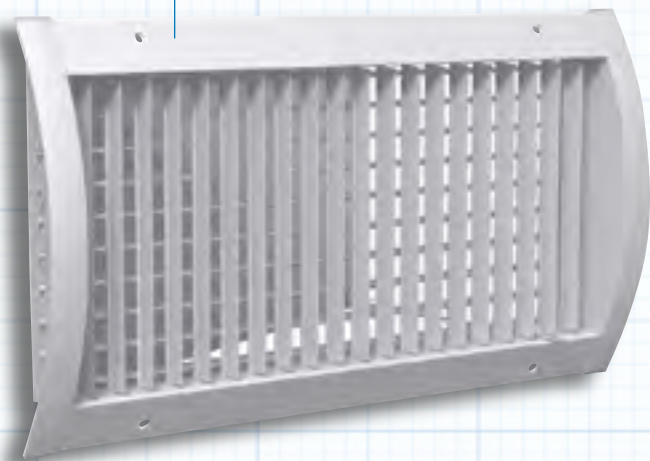
**Model SF1A**

Saddle Type  
Single Deflection  
Aluminum Finish



**Model SF2W-S**

Saddle Type  
Double Deflection  
Aluminum Finish  
with Scoop

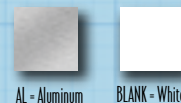


Compare to:	SF1	SF2
Hart & Cooley	SV	SVH
Titus	S301F	S300F
Shoemaker	SD52	SD34
Metal Aire	4002PCF	4004PCF
Price	--	SDGE
Krueger	DMGSR	DMGDR

**Features**

- Aluminum construction
- SF1 is single deflection with individually adjustable vertical blades
- SF2 is double deflection with individually adjustable blades with vertical front blades
- Foam gasket for air tight seal
- 3/4" blade spacing
- Pristine white or aluminum powder coat finishes
- Optional scoop damper
- Optional opposed blade damper

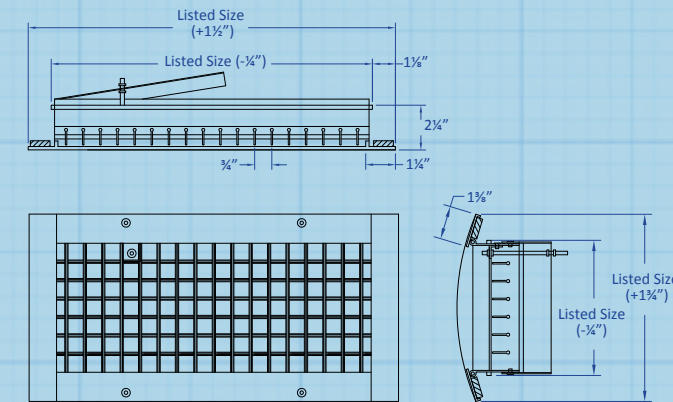
**Available Finishes**



**Product Detail**



Optional Opposed Blade Damper

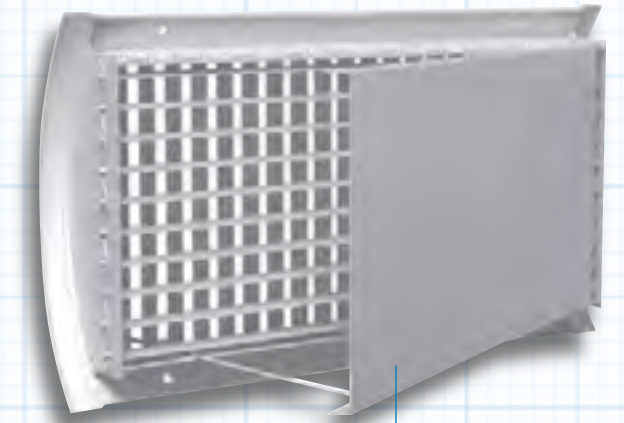


Duct Diameter (IN)	GRILLE HEIGHT (IN)					
	3	4	6	8	10	12
Min/Max	6/36	8/36	10/36	12/36	14/36	16/36

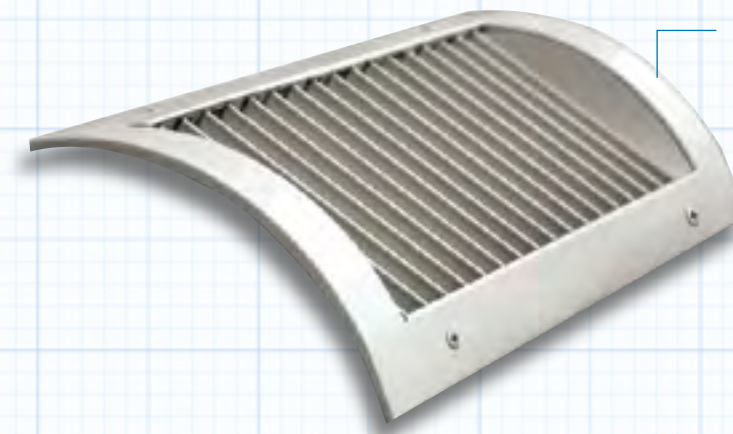
**SF1/ SF2 Model Options**

**Optional Scoop Damper**

An optional air scoop is available to divert a portion of the airstream out through the register.

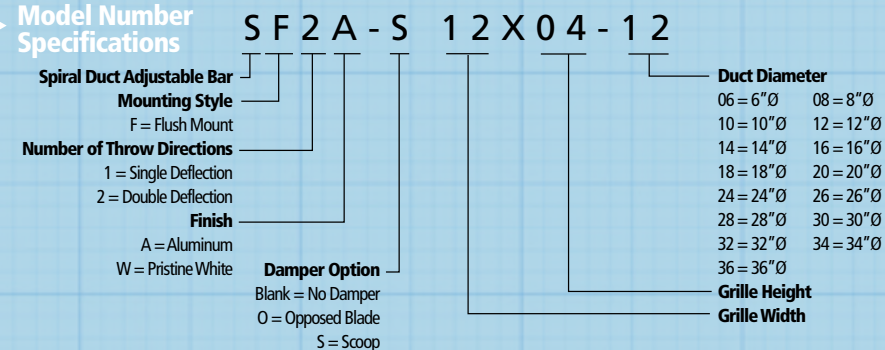


Detail View of Scoop Option in Pristine Powder Coat White Finish



Profile View of Single Deflection in Aluminum Finish

**Model Number Specifications**



## LD / LDR Series

Sleek and unobtrusive; linear slot diffusers are the architects dream come true. Long narrow slots take the place of traditional "blades". The installation is flush with the wall or ceiling, and the diffuser all but disappears within the natural lines of the structure.

Linear Slot Diffusers come in an almost endless variety of sizes, styles, lengths, widths and configurations. However, by far the most common, most used model is the simplest; standard 3/4" 2-slot diffuser in 2', 4', and 6' lengths. In stock, and on the shelf.



**Model LD1**  
1 Slot Linear Diffuser

**Model LD2**  
2 Slot Linear Diffuser

**Model LD3**  
3 Slot Linear Diffuser

**Model LD4**  
4 Slot Linear Diffuser

Compare to:	LD Series
Hart & Cooley	S75-1-2
Titus	ML
Price	SDS
Shoemaker	LSD
Metalaire	6600

### Features

- Extruded aluminum construction
- 1/2", 3/4" and 1" slot widths
- 1 to 8 slots available
- Supply or return; Returns have omitted pattern deflectors
- 6 foot maximum one-piece construction
- Available in two end styles
- Custom Lengths available in both the LD and LDR models
- Pristine white powder coat finish

### Product Detail



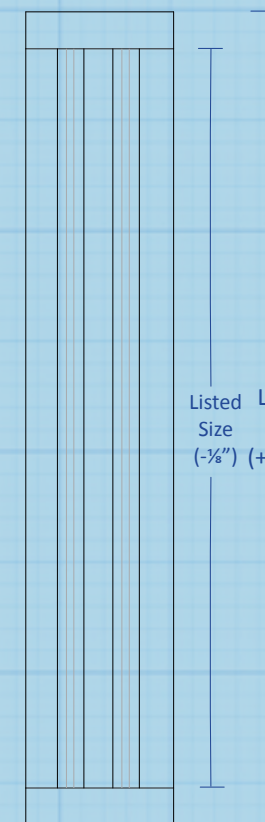
Reverse side of Linear Diffuser showing slots    Detail of Extension Coupler

### Features

- Extruded aluminum construction
- 0° or 15° deflection
- 6 foot maximum one-piece construction
- Custom lengths available
- Pristine white powder coat finish

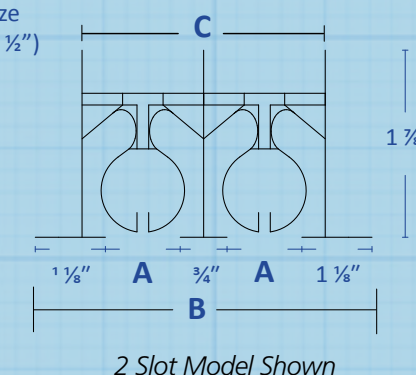
**Model LB**  
Linear Bar Diffuser - 1/4" Bar, 1/2" Spacing

## MODEL LD



Model LD / LDR Series Dimensions (IN)																
Slot Size	1 SLOT		2 SLOT		3 SLOT		4 SLOT		5 SLOT		6 SLOT		7 SLOT		8 SLOT	
A	B	C	B	C	B	C	B	C	B	C	B	C	B	C	B	C
1/2"	2 3/4"	1 5/8"	4"	2 7/8"	5 1/4"	4 1/8"	6 1/2"	5 3/8"	7 3/4"	6 5/8"	9"	7 7/8"	10 1/4"	9 1/8"	11 1/2"	10 3/8"
3/4"	3"	1 7/8"	4 1/2"	3 3/8"	6"	4 7/8"	7 1/2"	6 3/8"	9"	7 7/8"	10 1/2"	9 3/8"	12"	10 7/8"	13 1/2"	12 3/8"
1"	3 1/4"	2 1/8"	5"	3 7/8"	6 3/4"	5 5/8"	8 1/2"	7 3/8"	10 1/4"	9 1/8"	12"	10 7/8"	13 3/4"	12 5/8"	15 1/2"	14 3/8"

Choose number of slots and slot size, then determine corresponding measurements using chart below:



## Greater Design Flexibility

TRUaire's linear slot diffusers offer high performance with a 180° range of air pattern adjustment and complete flow rate control. Each model features a solid extruded aluminum border and frame construction which is sure to compliment any modern architectural design giving you true flexibility in application.

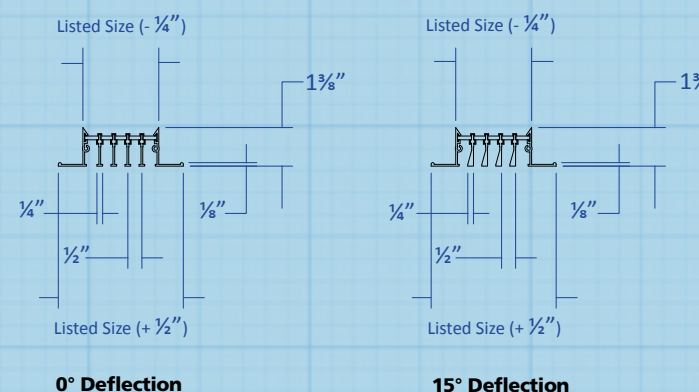
Optional flat end plate

**Model LD**  
3-Slot Linear Diffuser  
Reverse Side Shown with Adjustable Pattern Deflectors and Flat End Plate.

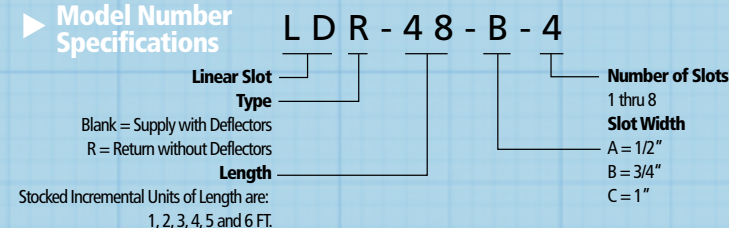
Channel style mounting bracket included

**Model LB**  
Linear Bar Diffuser  
Reverse Side Shown with 1/4" Bar and 1/2" Spacing.

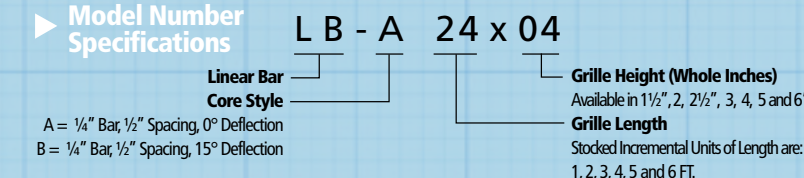
## MODEL LB



### Model Number Specifications



### Model Number Specifications



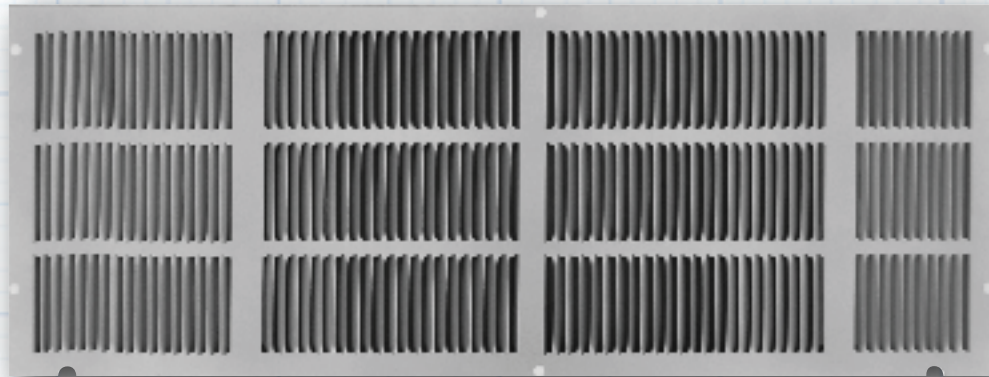
**PTA Series**

TRUAire's PTA series premium line of PTAC grilles will enhance the outside aesthetics of any hotel, extended-stay properties, suites, assisted living, student housing or any other facility that uses Packaged Terminal Air Conditioners and Heat Pumps. The PTAC grilles come in two styles, the standard, cost effective, one piece stamped durable aluminum grille or the extruded aluminum architectural fixed bar grille. Both styles of rear grilles provide protecting for the outdoor components from the damaging effects of harsh weather.



**PTA170**

PTAC Grille - Aluminum Stamped Louver

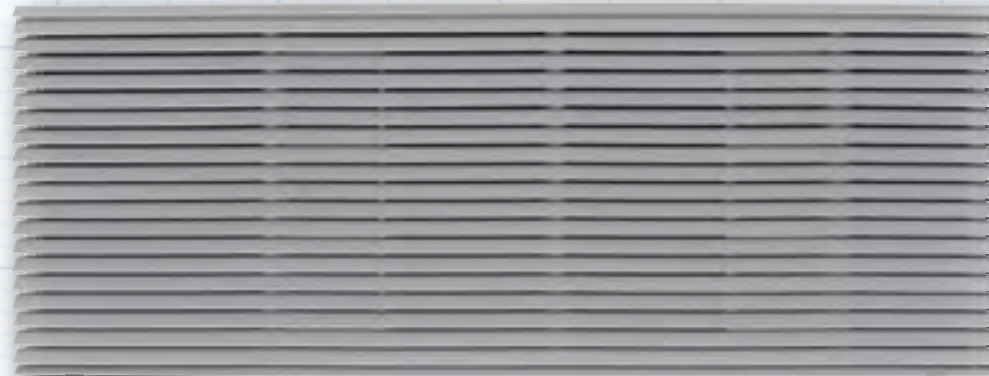


**PTA170 Features**

- Stamped aluminum construction
- 1/2" louver spacing
- 50° louver pitch
- 3 powder coat finishes; brown, white or aluminum

**PTA270 / PTA271 / PTA272**

PTAC Grille - Extruded Aluminum Fixed Bar



**PTA270 Features**

- Extruded aluminum construction
- 3/4" blade spacing
- 50° blade pitch
- 3 powder coat finishes; brown, white or aluminum

**Available Finishes**



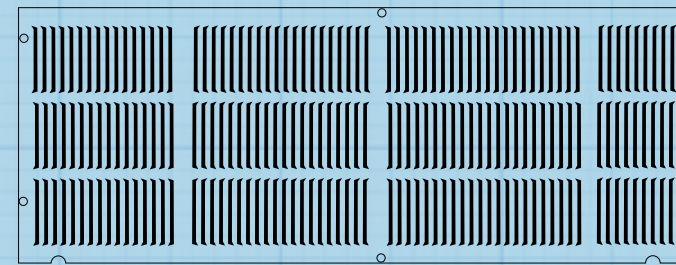
**Product Detail**



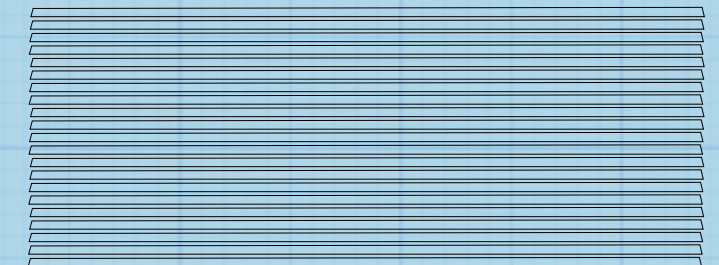
Detail View of Stamped Blades on Model PTA170

Detail View of Louvered Blades on Model PTA270

**Model PTA170 - Aluminum Stamped Louver**

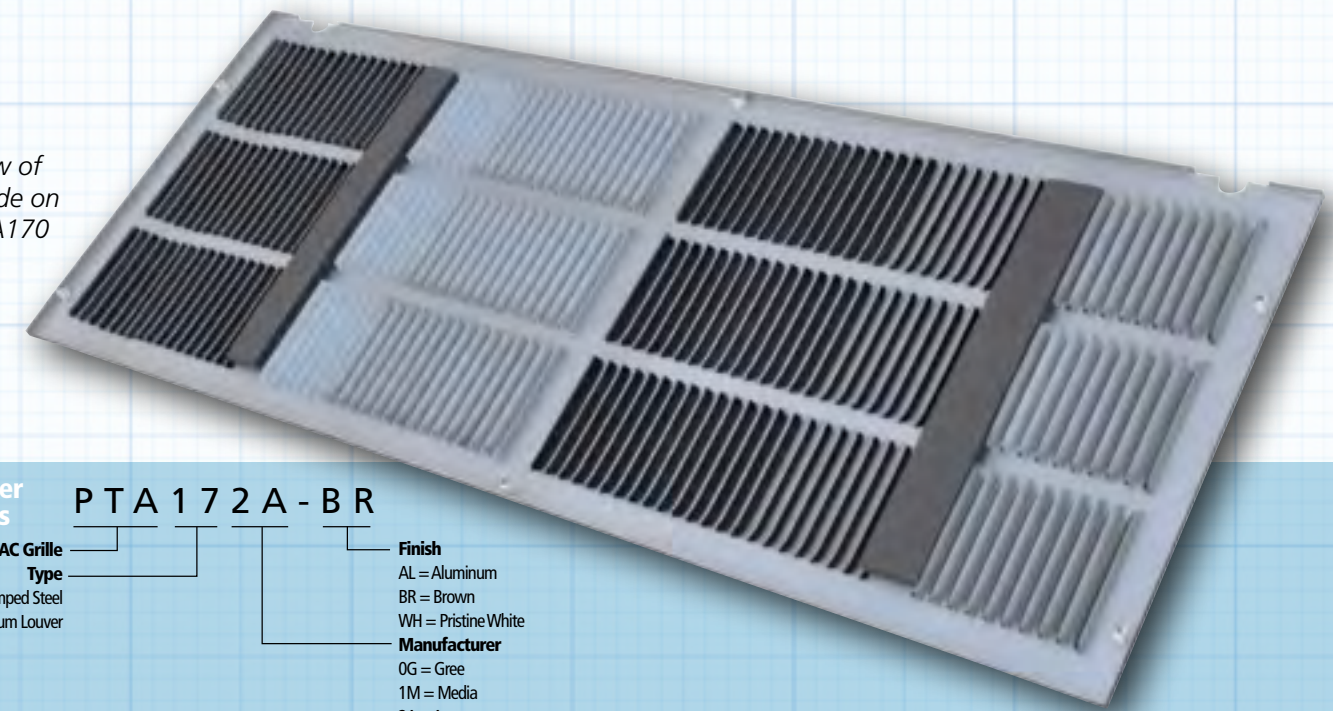


**Model PTA270 - Aluminum Fixed Bar Type**



Model PTA270 detail view of reverse side showing blade spacing, fixed bar style and aluminum finish.

Detail View of Reverse Side on Model PTA170



**Model Number Specifications**

**PTA 172 A - B R**

- PTAC Grille Type**  
17 = Stamped Steel  
27 = Aluminum Louver
- Finish**  
AL = Aluminum  
BR = Brown  
WH = Pristine White
- Manufacturer**  
OG = Gree  
1M = Media  
2A = Amana

**ACD690 / 670 Series**

Truairé's ACD690 Series access doors and 670 Series access panels are an economical and attractive access door for walls and/or ceilings. Both models are ideally suited for apartment, condominiums and office buildings where easy access to mechanical, electrical and plumbing fixtures behind a walls and/or ceilings is required.

They are designed for installations in drywall, plaster, masonry, tile or any flush surface. These access doors have concealed fixed hinges and Smooth-Glide Technology finger latches. ACD690 access doors have a 1-3/8" exposed flange that completely conceals the wall and/or ceiling opening while the 670 Series access panels are oversized by 1-3/8" to completely conceal the listed wall and/or ceiling opening providing a clean finish look.



**Model ACD690**  
Solid Face Access Door  
Hinged Face



**Model 670**  
Solid Face Access Panel  
Screw Mount

**Compare to:**

	ACD690
Hart & Cooley	HCAD
Shoemaker	AD
USAire	LAD
Continental	AD
Lima	--
Airmate	--

**Features**

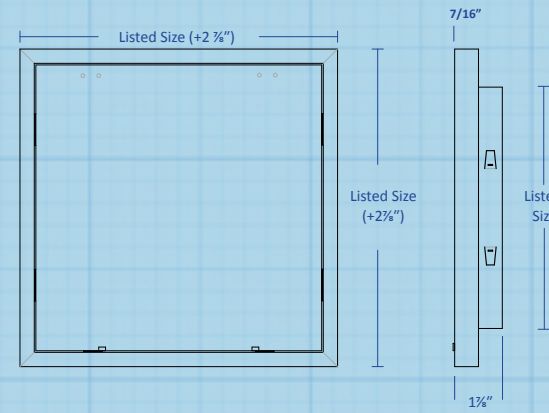
- Steel construction
- Fixed hinge panel on ACD690 only
- SmoothGlide finger latches on ACD690 only
- Pristine white powder coat finish

**Product Detail**

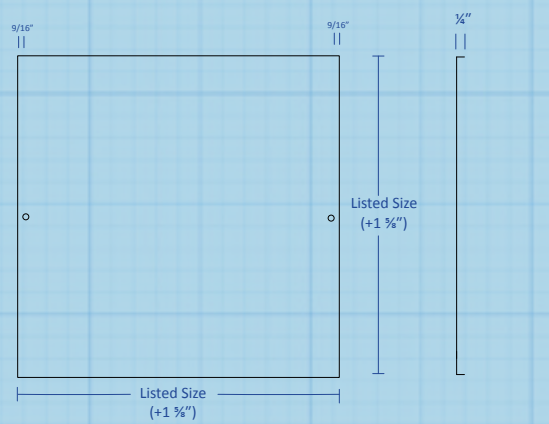


Access Panel Latch    Access Panel Fixed Hinge

**Model ACD690 - Solid Face Access Door**



**Model ACD670 - Solid Face Access Panel**

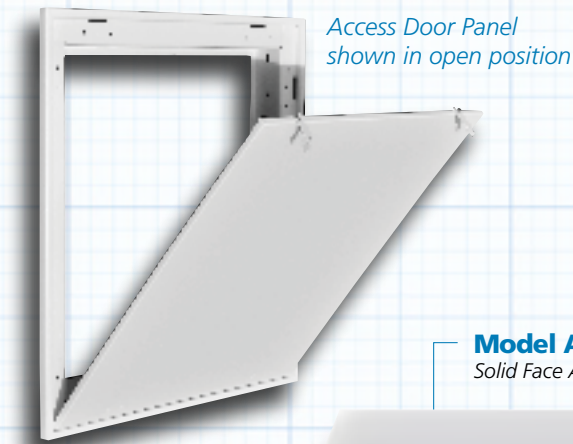
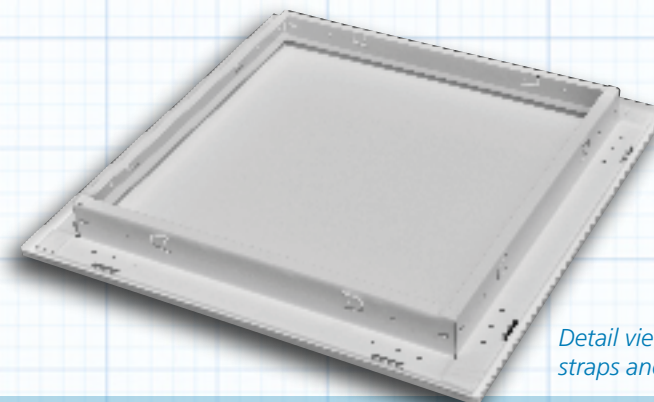


**ACD690 Series Features**



**Model ACD690**

SIZE	CARTON QTY.
10 x 10	10
12 x 12	10
14 x 14	10
16 x 16	5
18 x 18	5
20 x 20	1
24 x 24	1
30 x 10	1



**Model 670**

SIZE	CARTON QTY.
10 x 10	20
12 x 12	20
14 x 14	20
16 x 16	10

**Model Number Specifications**    **ACD690 18 X 18**

**Type of Access**  
Blank = Screw Mounted Panel  
ACD = Hinged Door

**Access Style**  
690 = Small Hinged  
670 = Screw Mount

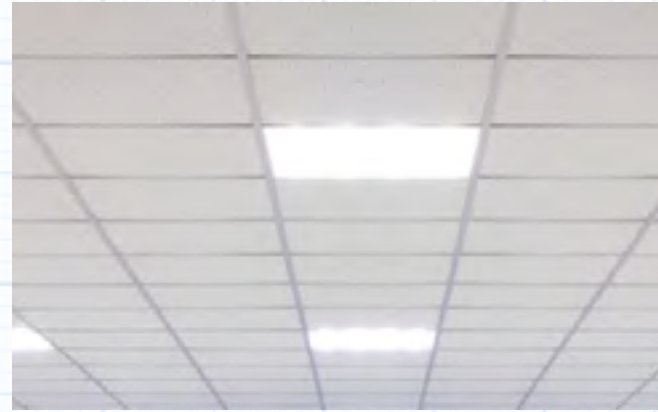
**Access Door Height**  
**Access Door Width**

Detail showing recessed screw holes. Model mounts using two supplied screws.

**ACD2400 Series**

TRUaire's ACD2400 series split access doors are an economical and attractive access door for ceilings and are manufactured using the highest quality materials to provide strength and durability. TRUaire's ACD2400 split access doors are ideally suited for apartment, condominiums and office building where easy access to mechanical equipment located above a ceiling is required. These access doors are split into three sections, allowing the center section to be opened without opening the side sections.

These access panels can be ordered with a solid face or a louvered return air filter grille each having concealed fixed hinges and easy-open SmoothGlide Technology finger latches.



**Features**

- Steel construction
- Unique segmented face design
- Easy filter access
- Completely removable panels
- Center panel is louvered or solid face
- SmoothGlide finger latches
- Pristine white powder coat finish

**Product Detail**



1. All Panels Closed



2. Center Panel Open



3. Center & Left Panel Open



**Model ACD2440S**  
*Solid Face Access Panel*

**Model ACD2440L**  
*Louvered Face Access Panel*

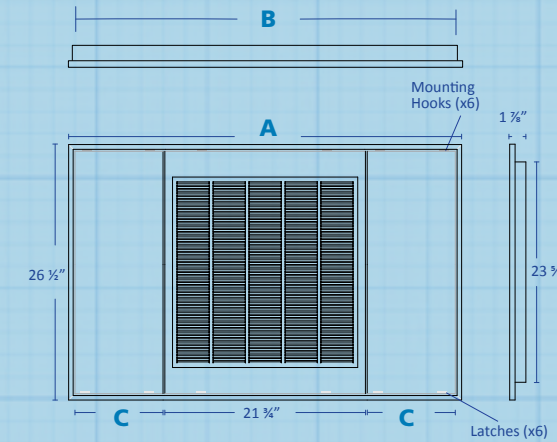
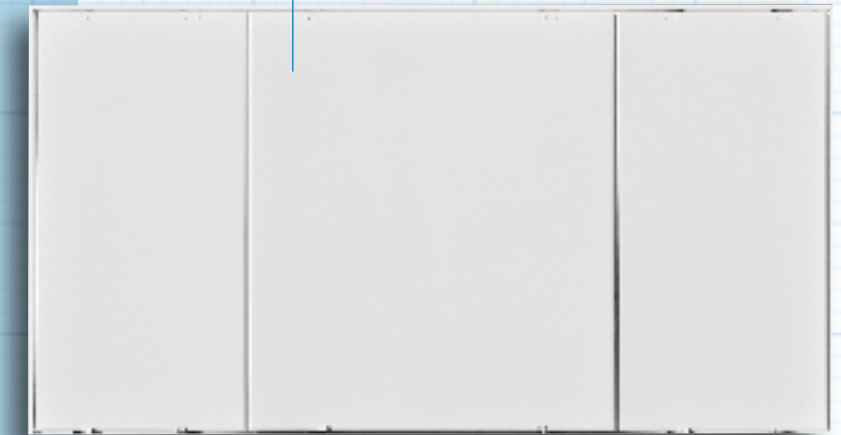
**ACD2400 Series Options**

**Model ACD2440L (Louvered)**  
*Louvered center panel is used for non-ducted return air applications.*



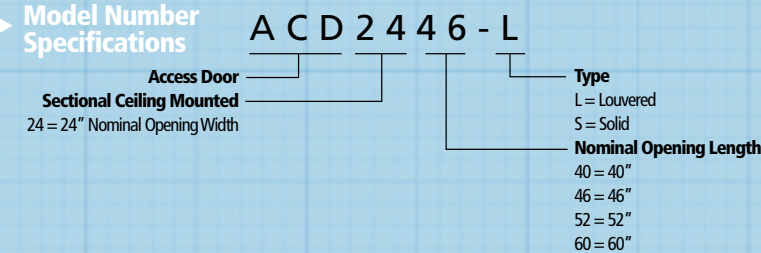
*Shown in closed position*

**Model ACD2440S (Solid)**  
*The solid center panel is used for ducted return air applications.*



ACD2400 Series Dimensions			
MODEL	A	B	C
2440	46 1/2"	39 5/8"	9 3/4"
2446	48 1/2"	45 5/8"	12 3/4"
2452	54 1/2"	51 5/8"	15 3/4"
2460	62 1/2"	59 5/8"	19 3/4"

**Model Number Specifications**



*SmoothGlide™ Latch Technology*



**ACP Series**

Truairé's ACP series access ceiling panels are designed to allow access to HVAC equipment located above hard cast ceilings. These access ceiling panels come in either a return air filter grille style or a solid panel style. The return air filter grille style can be ordered with one or two 18" x 18" nominal louvered panels. The main access panel is held closed to the frame by thumb screws. The access ceiling panel installs flush on to the drywall which has been applied directly below the HVAC equipment.



**Model ACP-L**

*Louvered Ceiling Access Panel*



**Model ACP-S**

*Solid Ceiling Access Panel*



**Features**

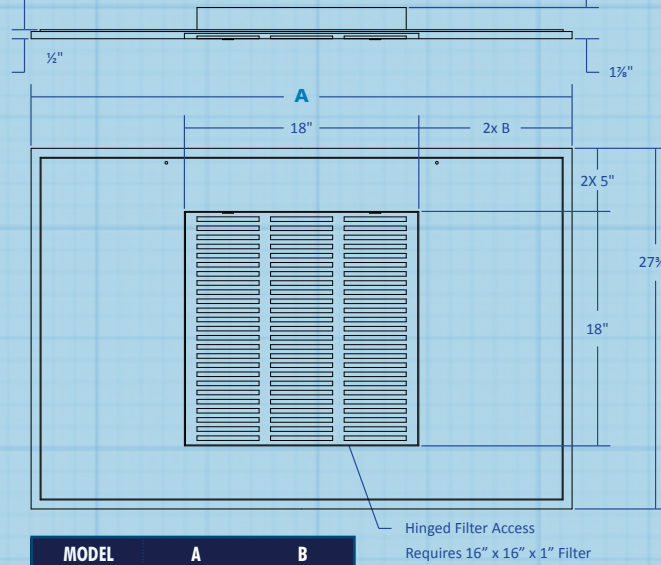
- Steel construction
- Hinged main panel
- Separate hinged filter access on LF
- 1/2" blade spacing on LF Models
- 40° blade pitch on LF Models
- SmoothGlide finger latches on filter access
- Pristine white powder coat finish

**Product Detail**



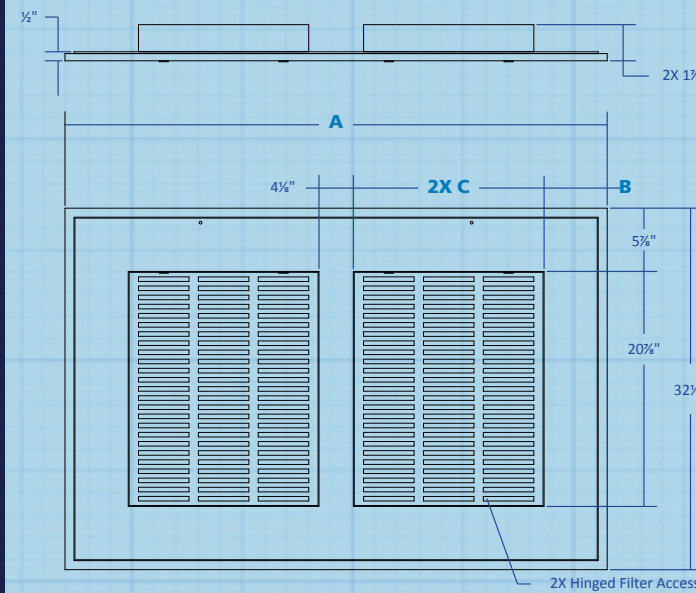
Durable, Mitered Corner

**Model ACP-L Louvered Ceiling Access Panel**



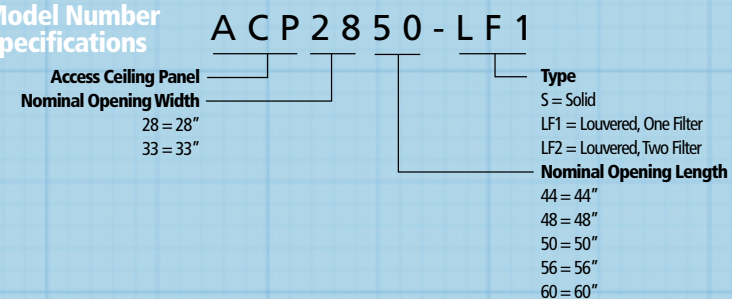
MODEL	A	B
ACP2844-LF1	43 1/4"	12 5/8"
ACP2850-LF1	49 1/4"	15 5/8"
ACP2856-LF1	55 3/4"	18 7/8"

**Model ACP-LF Solid Ceiling Access Panel**



MODEL	A	B	C	FILTERS
ACP3348-LF2	43"	5 1/16"	16 7/8"	(2) 18" x 14" x 1
ACP3360-LF2	60"	7 1/16"	20 7/8"	(2) 18" x 18" x 1

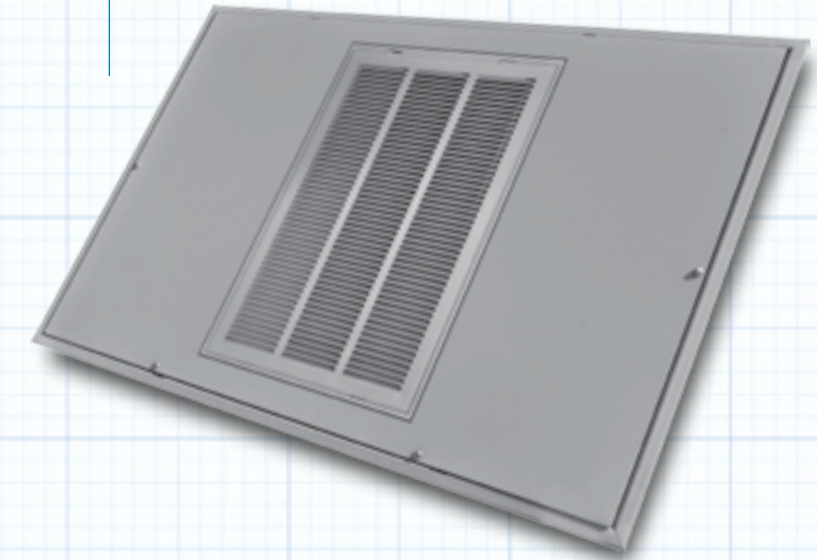
**Model Number Specifications**



**ACP Series Features**

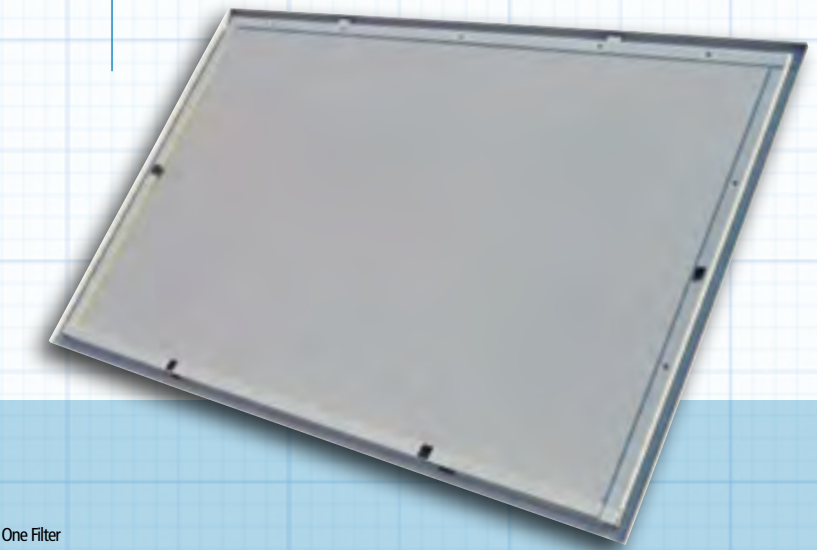
**Model ACP-L (Louvered)**

*Louvered center panel is used for non-ducted return air applications.*



**Model ACP-S (Solid)**

*The solid center panel is used for ducted return air applications.*



**AWD Series**

TRUaire's AWD series access wall doors are designed to allow access to HVAC equipment located behind walls. These access wall doors come in either a return air panel or a solid panel. The return air panel has stamped louvers on the bottom portion with filter access achieved by removal of the panel. The panel secures to the frame by tabs on the bottom edge and two quarter-turn fasteners in the upper corners. The access wall door installs flush on to the drywall which has been applied directly in front of the HVAC equipment.



**Model AWD-L**  
Wall Access Door Panel

**Features**

- Steel construction
- 5/8" blade spacing
- 20° blade pitch
- Pristine white powder coat finish

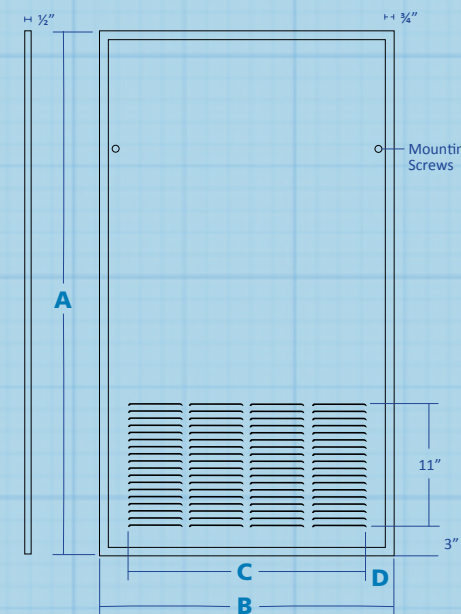
**Model AWD-S**  
Wall Access Door Panel



**Product Detail**



Stamped Louver Blades

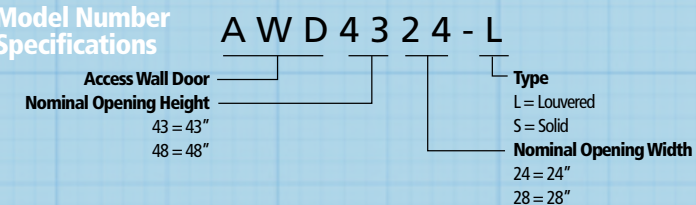


MODEL	A	B	C	D
AWD 4324-L	43 1/8"	24 3/8"	15 7/8	4 1/4
AWD 4828-L	47 5/8"	27 1/2"	21 3/8	3



MODEL	A	B
AWD 4324-S	43 1/8"	24 3/8"
AWD 4828-S	47 5/8"	27 1/2"

**Model Number Specifications**

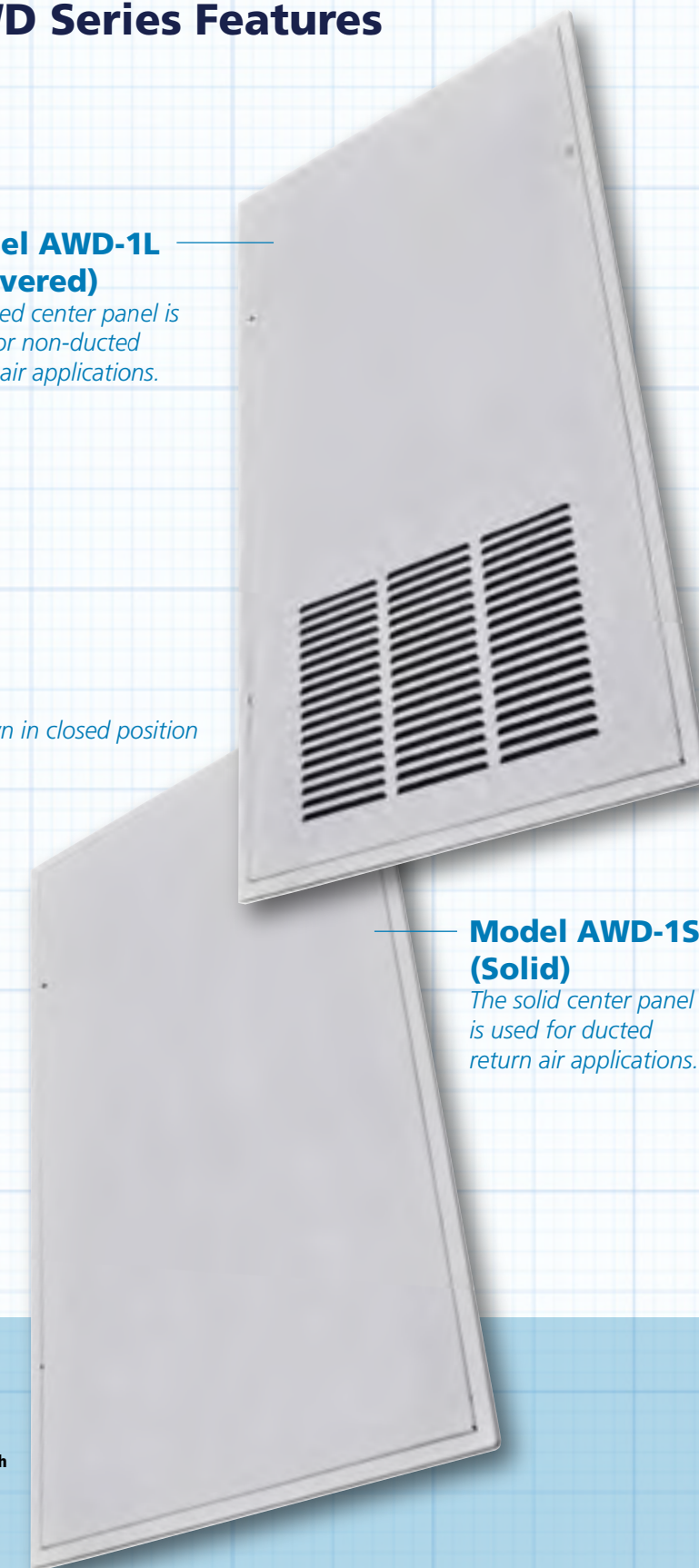


**AWD Series Features**

**Model AWD-1L (Louvered)**

Louvered center panel is used for non-ducted return air applications.

Shown in closed position



**Model AWD-1S (Solid)**

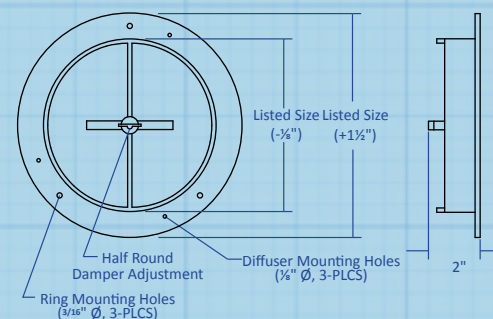
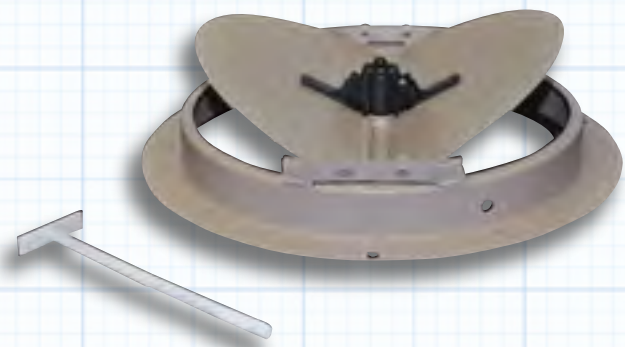
The solid center panel is used for ducted return air applications.



**Model 801**

**Butterfly damper & installation ring**

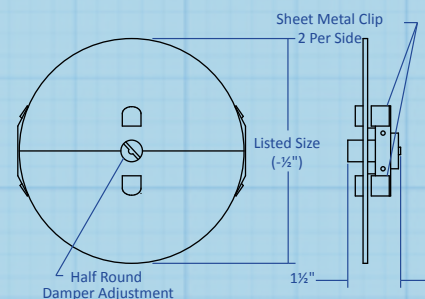
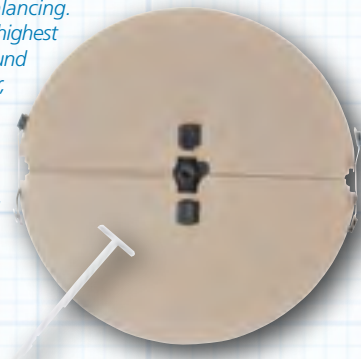
Truair's 801 combination butterfly damper and mounting ring allows the installation of the 800 series with a damper. Truair's 801 butterfly damper and mounting rings are manufactured using the highest quality materials to provide strength and durability. These combination butterfly dampers and mounting rings are offered from 6" diameter to 18" diameter, increments of 2". These butterfly dampers are opened and closed using either the tee handle half round adjustment tool supplied with butterfly damper or a regular flat blade screwdriver through the face of the diffuser. These combination butterfly damper and mounting rings are made entirely out of steel and are powder coated a durable brown finish and come supplied with half round tee handle adjustment tool.



**Model 802**

**Butterfly damper**

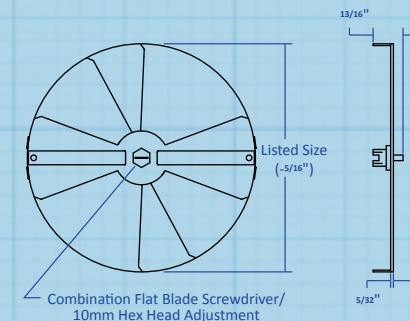
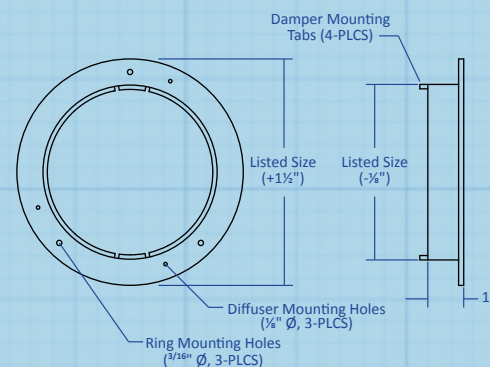
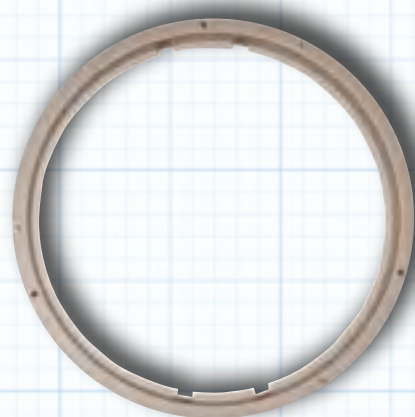
Truair's 802 butterfly dampers mount directly onto the round neck of the diffusers or grille for a means of volume control for effective air balancing. Truair's 802 butterfly dampers are manufactured using the highest quality materials to provide strength and durability. These round butterfly dampers are offered from 6" diameter to 18" diameter, increments of 2". These butterfly dampers are opened and closed using either the tee handle half round adjustment tool supplied with butterfly damper or a regular flat blade screwdriver through the face of the diffuser. These butterfly dampers blades are made from steel and are powder coated a durable brown finish and come supplied with half round tee handle adjustment tool.



**Model 803**

**Mounting Ring**

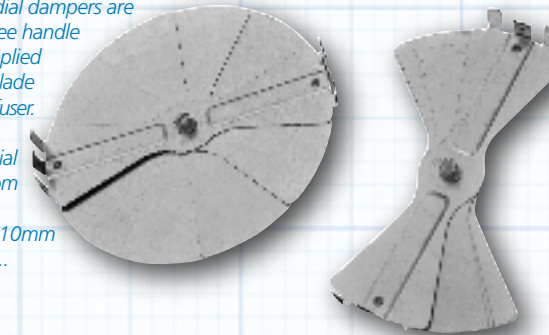
Truair's 803 mounting ring allows the installation of the 800 series without a damper. Truair's 803 mounting rings are manufactured using the highest quality materials to provide strength and durability. These mounting rings are offered from 6" diameter to 18" diameter, increments of 2". These mounting rings are made entirely out of steel and are powder coated a durable brown finish and come supplied with the mounting screws.



**Model 804**

**Radial Damper**

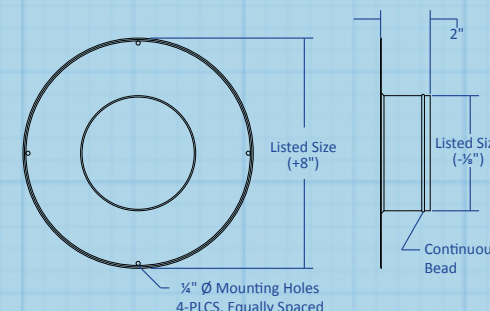
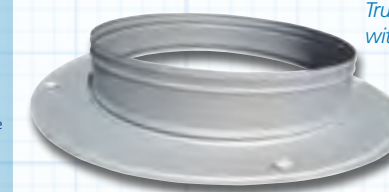
Truair's 804 radial dampers mount directly onto the round neck of the diffusers or grille for a means of volume control for effective air balancing. Truair's 804 radial dampers are manufactured using the highest quality materials to provide strength and durability. These round radial dampers are offered from 6" diameter to 18" diameter, increments of 2". These radial dampers are opened and closed using either the tee handle 10mm hex head adjustment tool supplied with radial damper or a regular flat blade screwdriver through the face of the diffuser. The blades of the radial damper slide at right angles to the duct. These radial dampers blades are made entirely from electro-galvanized steel for corrosion resistance and come supplied with a 10mm hex head tee handle adjustment tool.



**Model 820**

**Ring Collar**

Truair's 820 Ring Collar has a unique snap-in design which helps with ease of installation. Truair's 820 ring collars are manufactured using the highest quality materials to provide strength and durability. These ring collars have a 2" high beaded duct collar for superior strength as well as retention for flexible duct connections. These ring collars are made entirely from electro-galvanized steel for corrosion resistance.



**Model 821**

**Push Pin Fasteners**

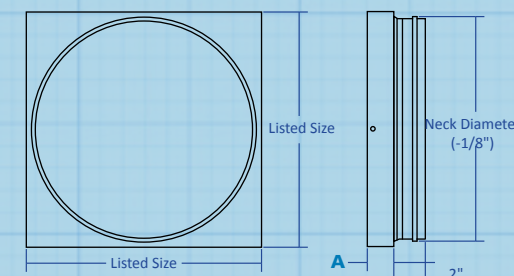
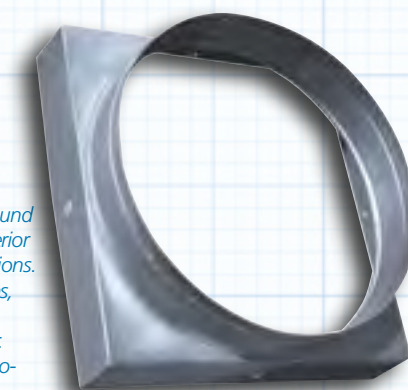
- Push pins come in packages of 20. (Please order in quantities divisible by 20)
- Used with Model 820 pictured above



**Model SQRD**

**Square to Round Transition**

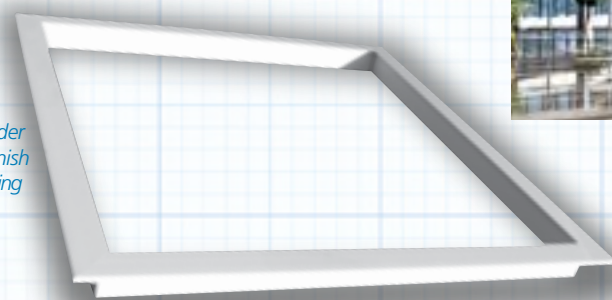
Truair's SQRD square-to-round transitions allow the installation of round or flexible duct to square neck diffusers. Truair's SQRD square-to-round transitions are manufactured using the highest quality materials to provide strength and durability. These square-to-round transitions have a 2" high beaded duct collar for superior strength as well as retention for flexible duct connections. These square-to-round transitions come in two depths, 2" deep for connecting directly to the diffuser and 4" deep for when the diffuser requires a control damper. These square-to-rounds are made entirely from electro-galvanized steel for corrosion resistance.



DAMPER OPTION	A
With Damper	4"
Without Damper	2"

**Model 5000XF**  
Surface Mounting Frame

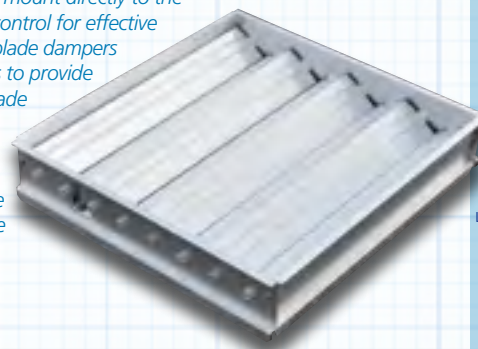
Truair's 5000XF aluminum surface mounting frames allow the installation of T-bar style diffusers and grilles into plaster or gypsum board hard cast ceilings. Truair's 5000XF surface mounting frames are manufactured using the highest quality materials to provide strength and durability. The surface mounting frame comes in four different sizes. Diffuser or grille with flex connection can be lifted out of frame to access ceiling space. The surface mount frames are made entirely out of extruded aluminum and are powder coated a durable pristine white finish and come supplied with corresponding mounting screws.



SIZE	A	B	C	D	E	F
12 x 12	14"	14"	12 1/16"	12 1/16"	11 1/8"	11 1/8"
24 x 12	26"	14"	24 1/16"	12 1/16"	23 1/8"	11 1/8"
24 x 24	26"	26"	24 1/16"	24 1/16"	23 1/8"	23 1/8"
24 x 48	26"	50"	24 1/16"	48 1/16"	23 1/8"	47 1/8"

**Model AL-OBD**  
Aluminum Opposed Blade Damper

Truair's AL-OBD aluminum opposed blade dampers mount directly to the neck of the diffuser or grille for a means of volume control for effective air balancing. Truair's AL-OBD aluminum opposed blade dampers are manufactured using the highest quality materials to provide strength and durability. These aluminum opposed blade dampers are opened and closed by a screwdriver adjustment which is accessible through the face of the registers. These aluminum opposed blade dampers are made entirely from extruded aluminum and have durable nylon bushings to ensure blades stay in place and do not rattle.



Outside

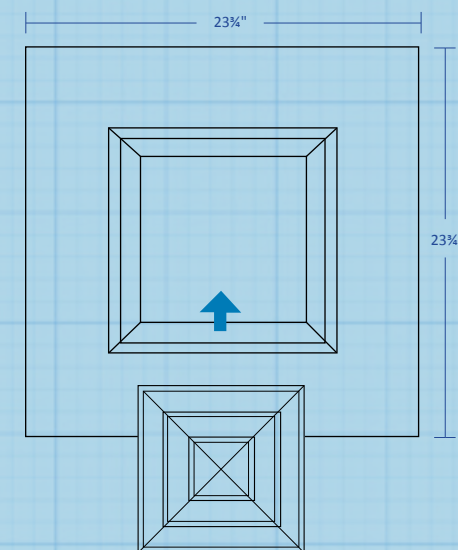
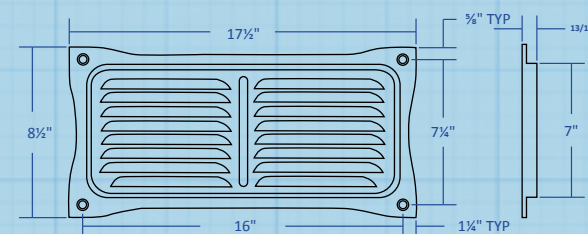
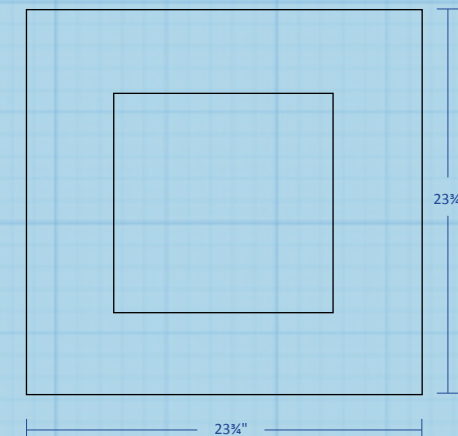
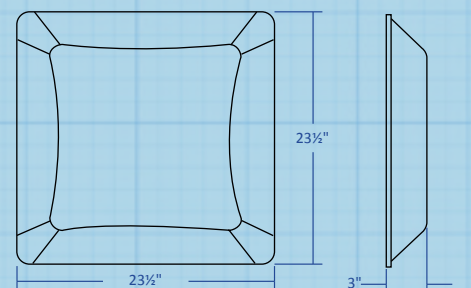
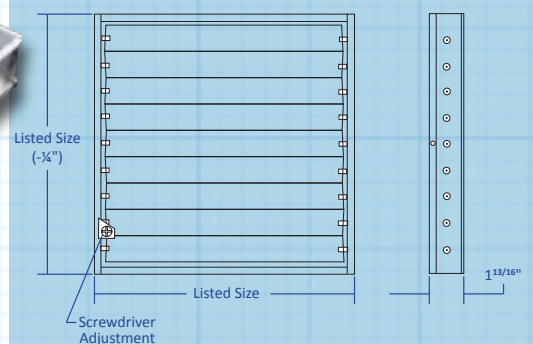
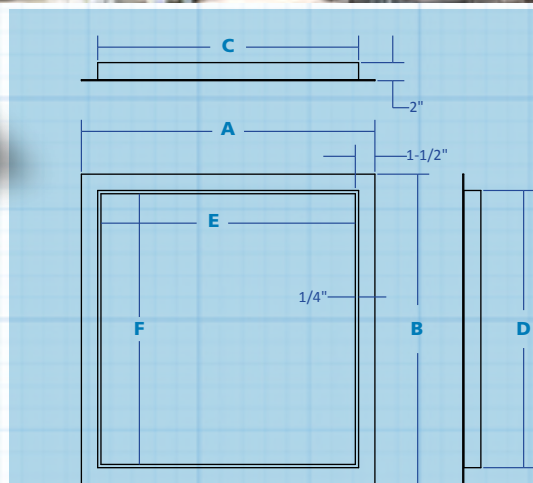


**Model 1056FB**  
Insulated Back

Truair's 1056FB series insulated back is designed to prevent the back pans of the T-Bar Lay-In style grilles and diffusers from sweating. Truair's 1056FB insulated backs are manufactured using the highest quality materials to provide strength and durability. These insulated backs are made of 1/2" fiberglass insulation that has an aluminum foil vapor barrier bonded to the back side and are molded to fit the contour of the back pan.

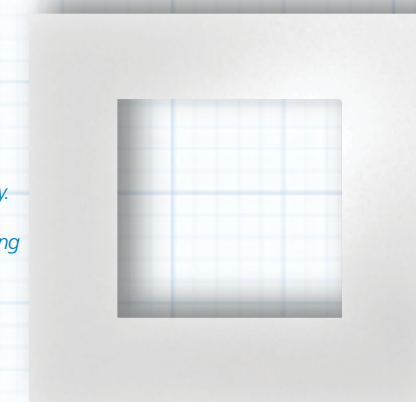


Inside



**Model 5000P**  
T-Bar Panel

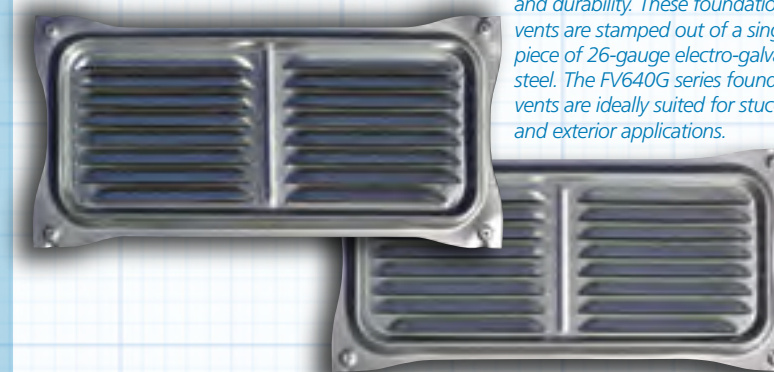
Truair's 5000P series T-Bar panels are designed to accept A500 series diffusers. Truair's 5000P series T-Bar panels are manufactured using the highest quality materials to provide strength and durability. These T-Bar panels have a pre-punched square hole on center for the field mounting of the A500 series diffusers. These 5000P series T-Bar panels are made from steel and are powder coated a nice, durable pristine white.



**Model FV640G**  
Louvered Foundation Vent

Truair's FV640G series foundation vents are designed to keep crawl spaces dry and allow light to enter. When moisture build-up is reduced, so are the chances of rot, mildew, instability and pest infestations such as termites. Truair's FV640G series are manufactured using the highest quality materials to provide strength and durability. These foundation vents are stamped out of a single piece of 26-gauge electro-galvanized steel. The FV640G series foundation vents are ideally suited for stucco and exterior applications.

Model FV640G



Model FV640GS - Louvered Foundation Vent

- Shown with and without wire mesh backing. Please specify your preference when ordering.

**5400SD Series**  
T-Bar Panel

Truair's 5400SD series T-Bar panels are designed to accept A540 series diffuser's center cores. Truair's 5400SD series T-Bar panels are manufactured using the highest quality materials to provide strength and durability. These T-Bar panels have the diffuser frame mounted on a steel panel. These 5400SD series T-Bar panels are powder coated a durable pristine white.

