

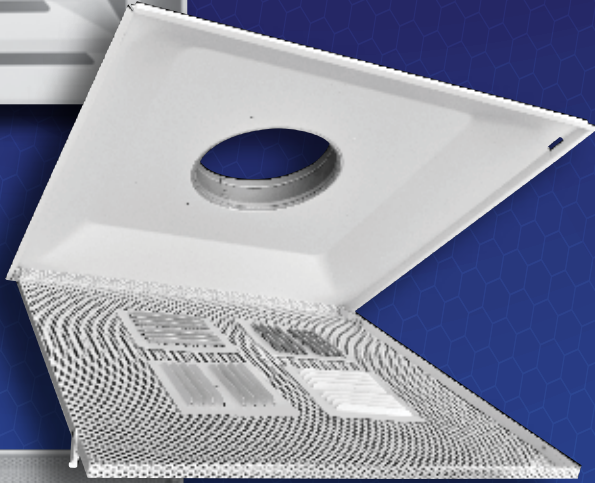
FIRST EDITION

# TRUaire

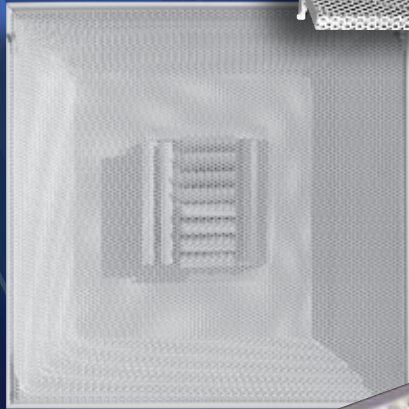
COMMERCIAL CATALOG



SERVICE

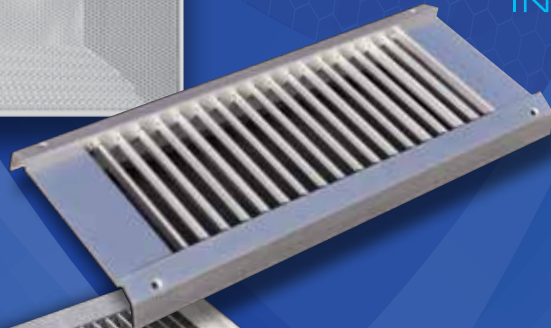


EXCELLENCE



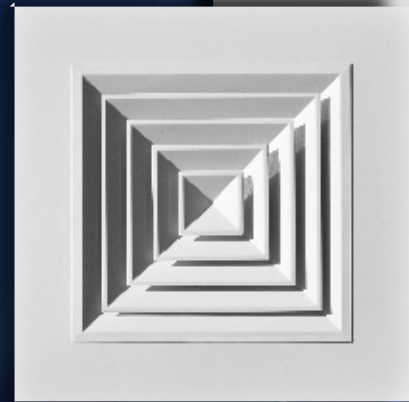
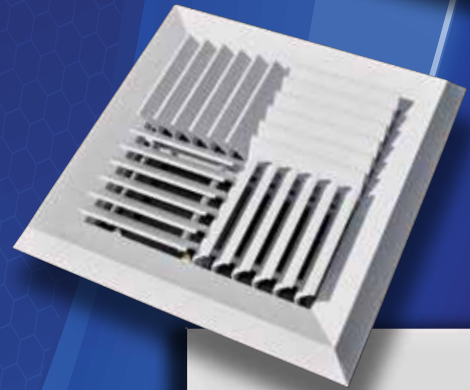
INNOVATION

DESIGN



QUALITY

COMMITMENT





# TRUaire

COMMERCIAL CATALOG

## Region

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### Santa Fe Springs, California Distribution Center & Corporate Offices

11020 Bloomfield Avenue • Santa Fe Springs, CA 90670

General Manager: **Johanna Lam**

**email:** johanna@truair.com

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

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### Savannah, Georgia Distribution Center

27 Artley Road, Building #1 • Savannah, GA 31408

Manager: **Katie Larkin**

**email:** klarkin@truair.com

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

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### Houston, Texas Distribution Center

7865 Northcourt Road, Suite 150 • Houston, TX 77040

Manager: **Bianca Arreola**

**email:** bianca@truair.com

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

---

### Baltimore, Maryland Distribution Center

1501 Perryman Rd., Suite 100 • Aberdeen, MD 21001

Manager: **Amanda Little**

**email:** amanda@truair.com

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

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

**Los Angeles, CA**

**Baltimore, MD**

**Savannah, GA**

**Houston, TX**

## Nationwide Network

In order to be recognized as providing the best service in our industry, we must be able to maintain geographically strategic distribution locations. With the recent addition of our 110,000 square foot Baltimore facility, that requirement has been met.

Our four distribution centers are positioned in such a way that 90% of our customers receive their shipment within 72 hours after they place their order. Maintaining a massive inventory means filling orders at a rate unparalleled in the industry.

When you consider that we at TruAire are delivering the finest quality on the market at competitive prices, the rest is a winning combination for our customers.

## Manufacturing

Our State-of-the-Art manufacturing facilities in Vietnam continue to grow at a staggering pace. We are committed to staying ahead of the growth/capacity dynamic. We are proud of the proactive role that TruAire maintains in the region.

TruAire employs a significant number of skilled workers, and maintains a strong relationship not only with the families of each employee, but extends its reach out into the local community as well.



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



## Bar Type Supply Registers

		PAGE
210	Single Deflection - Steel	1
A210	Single Deflection - Aluminum	3
220	Double Deflection - Steel	5
A220	Double Deflection - Aluminum	7



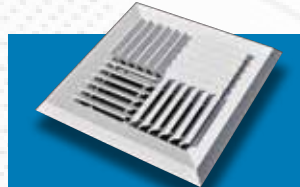
## Fixed Bar Type Return Air Grilles

270	Steel Return	9
A270	Aluminum Return	



## Wall Mount A/C Registers and Grilles

220V / A220V	Supply - Steel & Aluminum	11
270 / A270	Return - Steel & Aluminum	
290 / A290	Return FG - Steel & Aluminum	



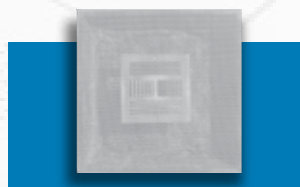
## Surface Mount Diffusers

A520	Modular Core	13
A540	Directional	15



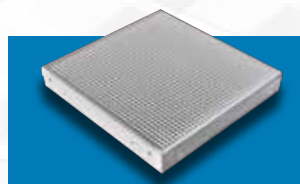
## Evaporative Cooler/Make-up Air Diffusers

600	Ceiling Mount Diffuser	17
700	Flush Mount Diffuser	



## Perforated Face T-Bar Lay-in Diffusers

1010MAS / MAR	Perforated Face - Universal	19
1020MAS / MAR	Perforated Face - Fixed Collar	



## T-Bar Grille with Plenum Frame

1120	Perforated Face Plenum Frame	21
1130	Acrylic Egg-Crate Face Plenum Frame	
1140	Aluminum Egg-Crate Face Plenum Frame	

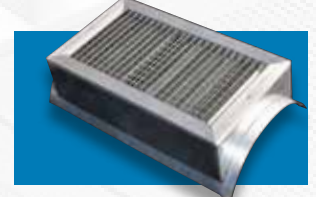
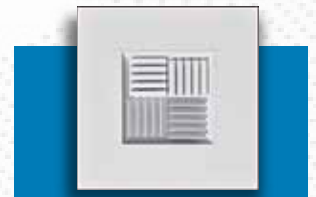
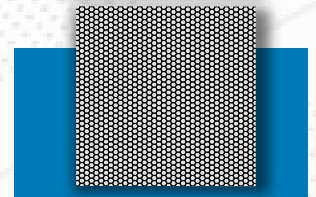


## T-Bar Perforated Curved Blade

1400CB	Perforated Face - Curved Blade	23
1420AB	Perforated Face - Adjustable Blade	
1444RG	Perforated Face - Return Grille	

**PAGE**

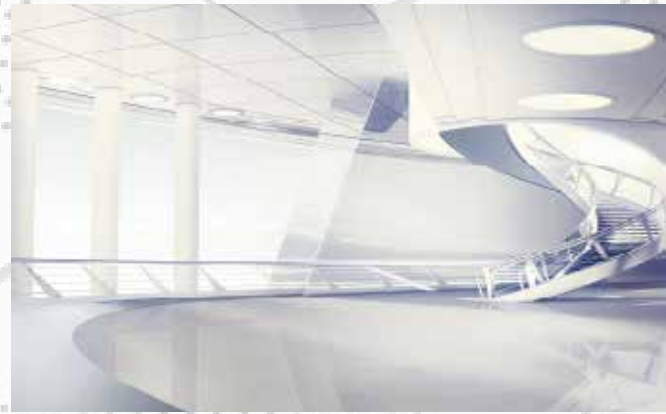
<b>T-Bar Step Down Diffusers</b>		
25	2000PD	Plaque Diffuser
	2003CD	Step Down Diffuser - 2 Cone
	2004CD	Step Down Diffuser - 3 Cone
<b>T-Bar Stamped Curved Blade Diffusers</b>		
27	2604SC	Stamped Curved Blade Diffuser
<b>T-Bar Return Air Filter Grilles</b>		
29	4010FG	Filter Grille - Stamped Face
	4020FG	Filter Grille - Bar Type
	4030FG	Filter Grille - Perforated Face
	4040FG	Filter Grille - Acrylic Eggcrate
	4050FG	Filter Grille - Aluminum Eggcrate
<b>T-Bar Modular Core Diffusers</b>		
31	5200CB	Modular Core Diffuser - Steel & Aluminum
<b>T-Bar Directional Diffusers</b>		
33	5400SD	Directional Diffuser - Steel & Aluminum
<b>T-Bar Return Air Panels</b>		
35	1110RG	Return Grille Panel - Stamped
	1210RG	Return Grille Panel - Bar Type
	A1210RG	Return Grille Panels - Aluminum
	1920RG	Return Grille Panels - Perforated
	1930RG	Return Eggcrate Panel - Acrylic
	1940RG	Return Eggcrate Panel - Aluminum
<b>Air Handler Access Panels</b>		
37	ACD2440S	Solid Face Access Panel
	ACD2440L	Louvered Face Access Panel
<b>Spiral Duct Diffusers</b>		
39	SU	Universal Mount
	SD	Saddle Mount



## 210 SERIES

Arguably the most versatile of all supply registers, the 210 Series Single Deflection register is available in a wide variety of configurations for almost any application. The highly effective open blade design and TRUAIRE's exclusive one piece frame allows for greater airflow. Our 210 Series is available with our unique SmoothGlide multi-shutter damper mechanism, a high quality opposed blade damper mechanism or without a damper.

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



### Model 210H

*Adjustable Horizontal Blades  
No Damper*

*\*NOTE: Not available in all sizes*



### Model 210V

*Adjustable Vertical Blades  
No Damper*



### Model 210VM

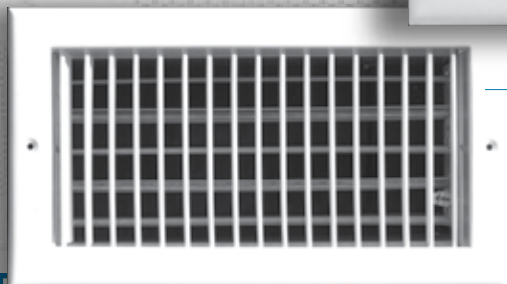
*Adjustable Vertical Blades  
SmoothGlide Multi-Shutter Damper*



### Model 210HO

*Adjustable Horizontal Blades  
Opposed Blade Damper*

*\*NOTE: Not available in all sizes*



### Model 210VO

*Adjustable Vertical Blades  
Opposed Blade Damper*

### Features

- Adjustable horizontal or vertical Airfoil blades
- Steel construction
- White powder-coat finish
- Unique beveled edges
- Recessed screw holes
- Variety of damper configurations Including: SmoothGlide multi-shutter
- Remarkable One-piece frame (Up to 14x10)

### Product Detail



Beveled Edges



One Piece Frame Construction

## SmoothGlide Damper

There is nothing like it on the market. Our SmoothGlide Damper prevents rust, rattling, and sticking. These dampers use high quality all-steel components. The idea behind this technology is that we powder coat the blade and the linkage component individually BEFORE we assemble our products and then we install the rivets to our blades.

## 210 Series Options

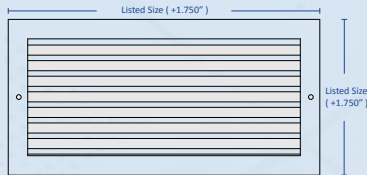


High Quality Steel Components

Rivets installed AFTER assembly for smoothest operation

Blade & linkage components individually powder coated BEFORE assembly

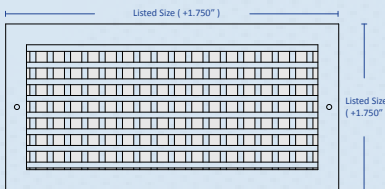
210H



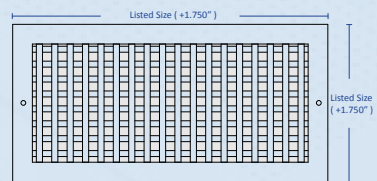
210V



210HO



210VO



## Opposed Blade Damper (OBD)

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

Durable nylon bushings



High Quality Steel Components

### NOTE:

The Model 210 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our **Pricing Guide Supplement**.

ORDERING HINTS	DESCRIPTION	Example Model
1. Start with the base model	Model 210	210
2. Select the blade positioning	V = Vertical blades H = Horizontal blades	210V 210H
3. Select the damper configuration <i>Note: The 210VM is the most common and popular configuration.</i>	M = Multi-shutter Damper (SmoothGlide) O = Opposed Blade Damper Blank = Without Damper	210VM 210VO 210V

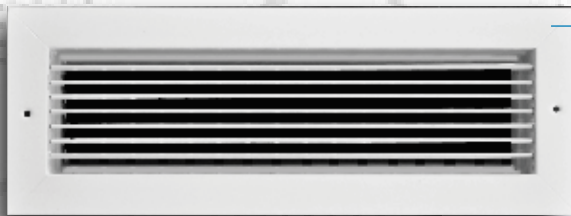
## ALUMINUM PRODUCT



### 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 arranged 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*

*\*NOTE: Not available in all sizes*



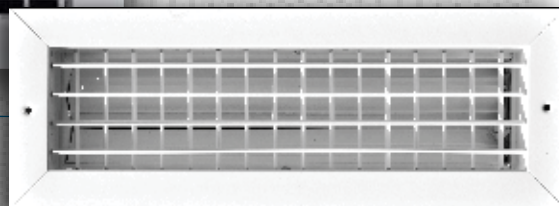
#### Model A210V

*Adjustable Vertical Blades  
No Damper*



#### Model A210VM

*Adjustable Vertical Blades  
SmoothGlide Multi-Shutter Damper*



#### Model A210HO

*Adjustable Horizontal Blades  
Opposed Blade Damper*

*\*NOTE: Not available in all sizes*



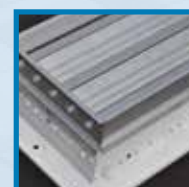
#### Model A210VO

*Adjustable Vertical Blades  
Opposed Blade Damper*

#### Features

- Adjustable horizontal or vertical Airfoil blades
- Aluminum construction
- White powder-coat finish
- Recessed screw holes
- Variety of damper configurations Including: SmoothGlide multi-shutter

#### Product Detail



Durable Nylon Bushings

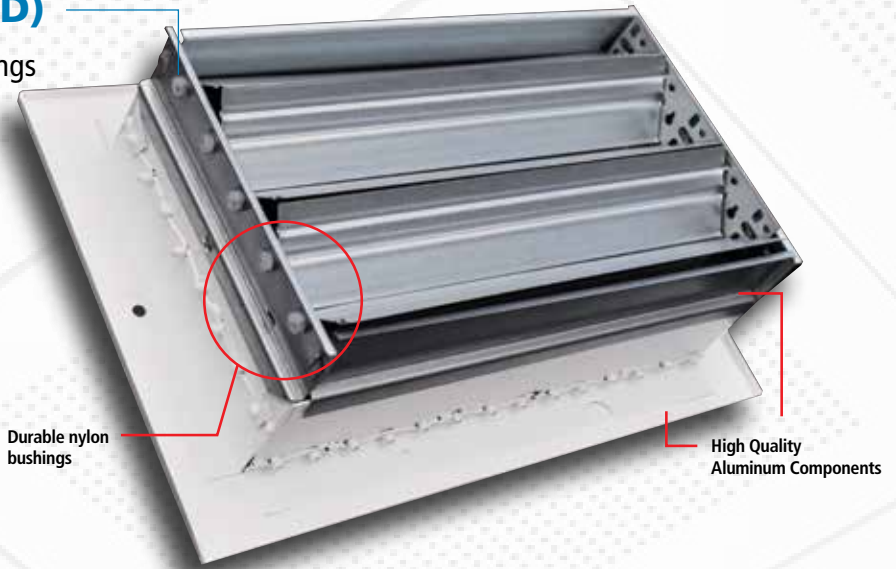


## ALUMINUM PRODUCT

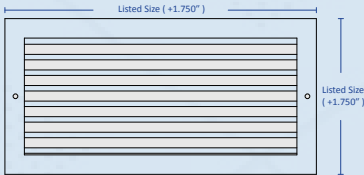
### A210 Series Options

#### Opposed Blade Damper (OBD)

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



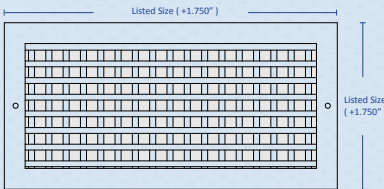
**A210H**



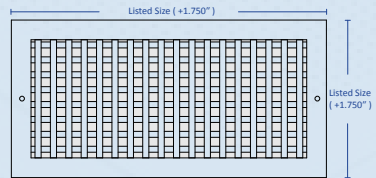
**A210V**



**A210HO**



**A210VO**



#### SmoothGlide Damper

There is nothing like it on the market. Our SmoothGlide Damper prevents rust, rattling, and sticking. These dampers use high quality all-steel components. The idea behind this technology is that we powder coat the blade and the linkage component individually BEFORE we assemble our products and then we install the rivets to our blades.

Blade & linkage components individually powder coated BEFORE assembly

Rivets installed AFTER assembly for smoothest operation

High Quality Steel & Aluminum Components



#### NOTE:

The Model A210 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our **Pricing Guide Supplement**.

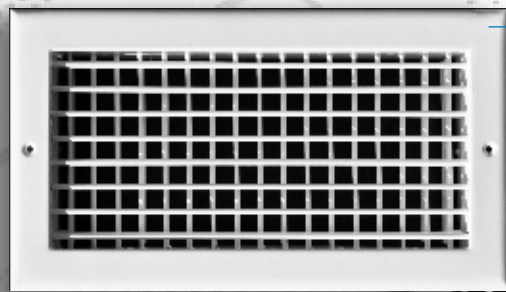
ORDERING HINTS	DESCRIPTION	Example Model
1. Start with the base model	Model A210	<b>A210</b>
2. Select the blade positioning	V = Vertical blades H = Horizontal blades	A210V A210H
3. Select the damper configuration	M = Multi-shutter Damper (SmoothGlide) O = Opposed Blade Damper Blank = Without Damper	A210VM A210VO A210V

Note: The A210VM is the most common and popular configuration.

## 220 SERIES

TruAire's 220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable Airfoil bars for maximum airflow control. They can be ordered with the horizontal row in front, (220H), or with the vertical row in front, (220V).

Whether commercial or residential, using an OBD damper or no damper at all, the 220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



### Model 220H

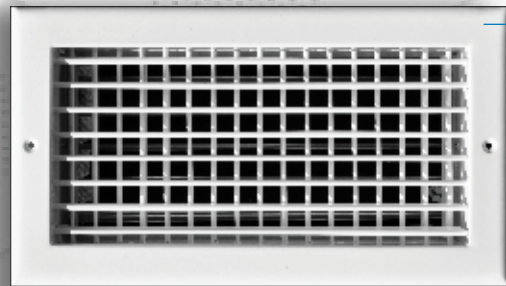
*Adjustable  
Horizontal Blades  
No Damper*

*\*NOTE: Not available in all sizes*



### Model 220V

*Adjustable Vertical Blades  
No Damper*



### Model 220HO

*Adjustable  
Horizontal Blades in front  
Opposed Blade Damper*

*\*NOTE: Not available in all sizes*



### Model 220VO

*Adjustable  
Vertical Blades in front  
Opposed Blade Damper*

**NOTE:** Also available in aluminum. See the A220 Series

Compare to:	220 Series
Hart & Cooley	92VHO
Titus	300RS
Shoemaker	934
Metal Aire	
Price	520S
Krueger	880V

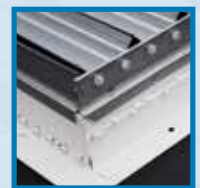
### Features

- Adjustable horizontal and vertical Airfoil blades
- Solid Steel construction
- White powder-coat finish
- Recessed screw holes
- Opposed Blade Damper (OBD), or no damper at all
- Remarkable one-piece beveled frame (up to 14x10)

### Product Detail

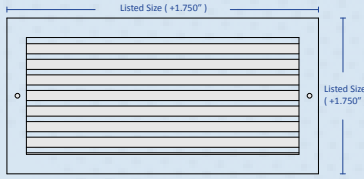


Non-Beveled Corners



Opposed Blade Damper with Nylon Bushings

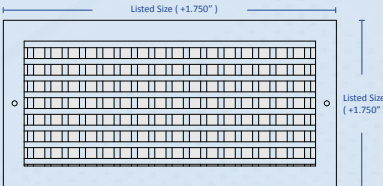
**220H**



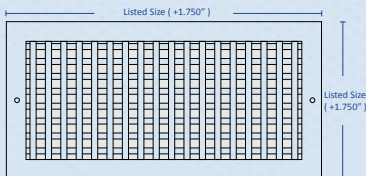
**220V**



**220HO**



**220VO**



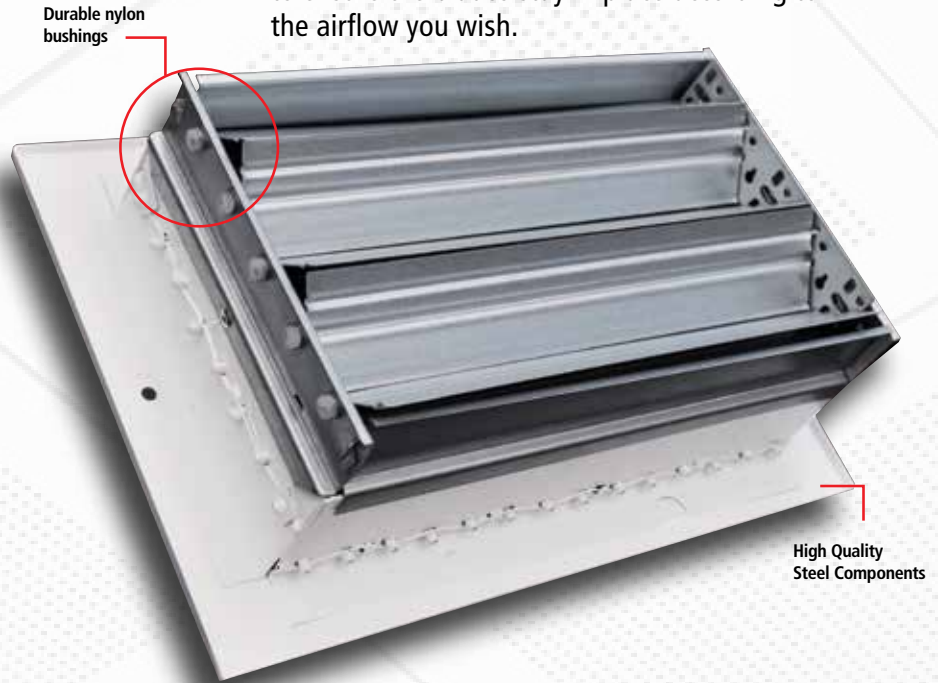
**NOTE:**

The Model 220 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our **Pricing Guide Supplement**.

## 220 Series Options

### Opposed Blade Damper (OBD)

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



### ORDERING HINTS

### DESCRIPTION

### Example Model

**1. Start with the base model**

Model 220

**220**

**2. Select the blade positioning**

V = Vertical blades  
H = Horizontal blades

**220V**  
**220H**

**3. Select the damper configuration**

VO = Vertical Opposed Blade Damper  
HO = Horizontal Opposed Blade Damper  
Blank = Without Damper

**220VO**  
**220HO**  
**220V**

## ALUMINUM PRODUCT



### 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).

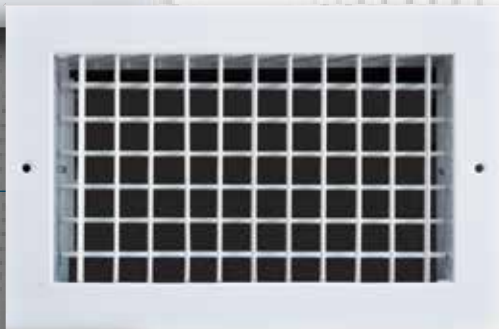
Whether commercial or residential, using an OBD damper or no damper at all, the A220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



#### Model A220H

Adjustable  
Horizontal Blades  
No Damper

*\*NOTE: Not available in all sizes*



#### Model A220V

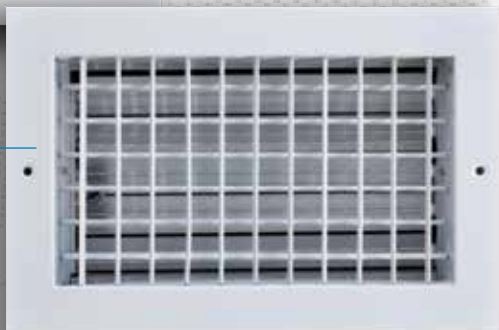
Adjustable Vertical Blades  
No Damper



#### Model A220HO

Adjustable  
Horizontal Blades in front  
Opposed Blade Damper

*\*NOTE: Not available in all sizes*



#### Model A220VO

Adjustable  
Vertical Blades in front  
Opposed Blade Damper

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

#### Compare to:

A220 Series

Hart & Cooley

Titus

300FL

Shoemaker

903

Metal Aire

Price

Krueger

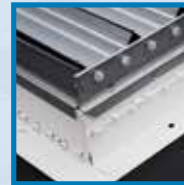
#### Features

- Adjustable horizontal and vertical Airfoil blades
- Aluminum construction
- White powder-coat finish
- Recessed screw holes
- Opposed Blade Damper (OBD), or no damper at all

#### Product Detail



Non-Beveled Corners



Nylon Bushings add tension to damper blades

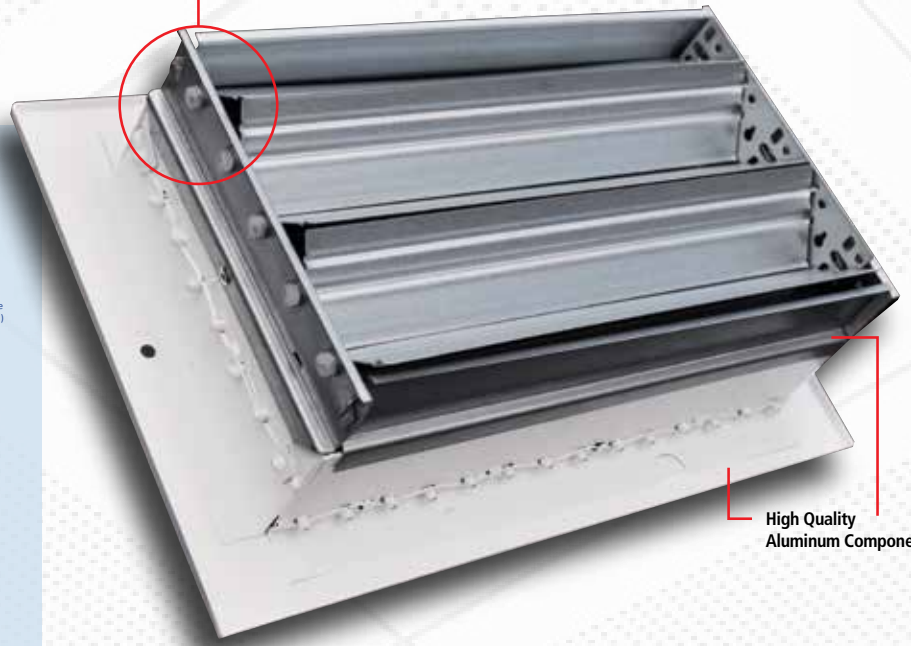
## ALUMINUM PRODUCT

### A220 Series Options

#### Opposed Blade Damper (OBD)

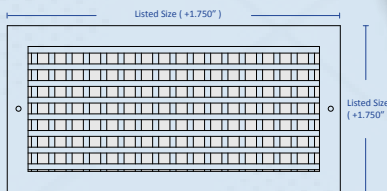
Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow you wish.

Nylon bushings firmly hold the blades in place to keep tension

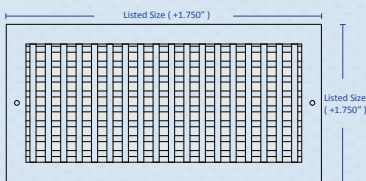


High Quality Aluminum Components

#### A220 Horizontal



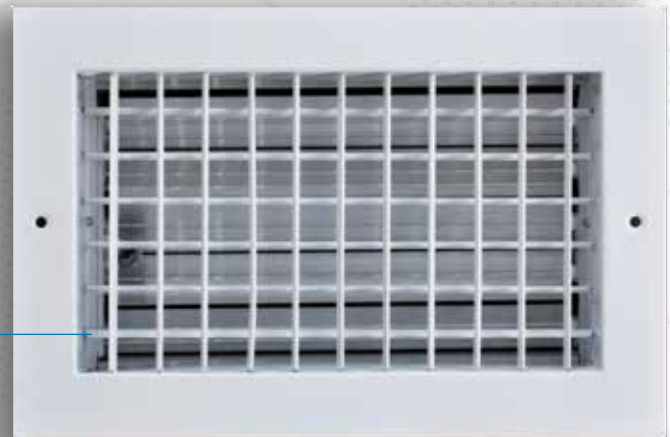
#### A220 Vertical



#### NOTE:

The Model A220 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our **Pricing Guide Supplement**.

Easily adjust aluminum blades to preferred air deflection.



Also available in steel. See the 220 Series

ORDERING HINTS	DESCRIPTION	Example Model
1. Start with the base model	Model A220	<b>A220</b>
2. Select the blade positioning	V = <b>Vertical</b> blades H = <b>Horizontal</b> blades	A220 <b>V</b> A220 <b>H</b>
3. Select the damper configuration	VO = <b>Vertical</b> Opposed Blade Damper HO = <b>Horizontal</b> Opposed Blade Damper Blank = Without Damper	A220 <b>VO</b> A220 <b>HO</b> A220 <b>V</b>

## Model 270 and A270

Bar type return air grilles look better, perform better, and bring a touch of class to any installation; commercial or residential. This bar type return air grille's fixed bars are solidly placed at 45 degrees to ensure maximum airflow and reduced visibility into the ductwork itself.

These high quality return air grille products are manufactured in durable steel or aluminum materials and finished with our pristine white powder-coat finish. Available in virtually any size up to 40 x 20.



*Shown in square size format*

### Model 270

*Shown in horizontal size format*



### Model A270

*Shown in vertical size format*



**NOTE:** Available in both steel and aluminum.

Compare to:	270	A270
Hart & Cooley	94A	RH45
Titus	350RL	350FL
Shoemaker	935	905
Metal Aire	SRH	RHE
Price	530L	60
Krueger		

### Features

- Aluminum or steel construction
- Low visibility 45 degree fixed blades
- 3/4 inch blade spacing
- White powder-coat finish

### Product Detail

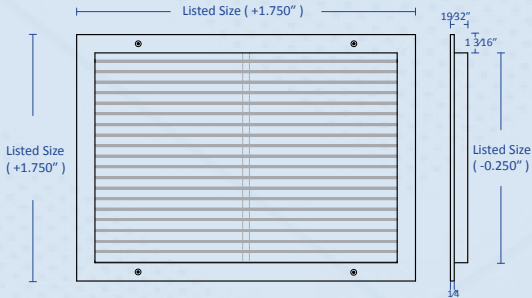


Individually fixed bars placed at 45 degrees

## Model 270 and A270

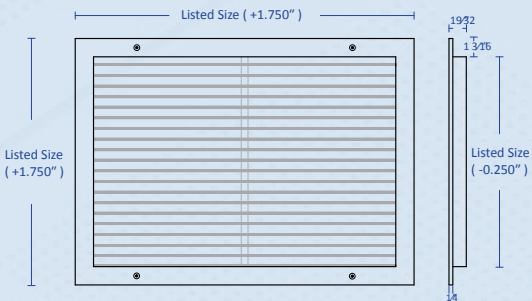
### Model 270

- Steel construction



### Model A270

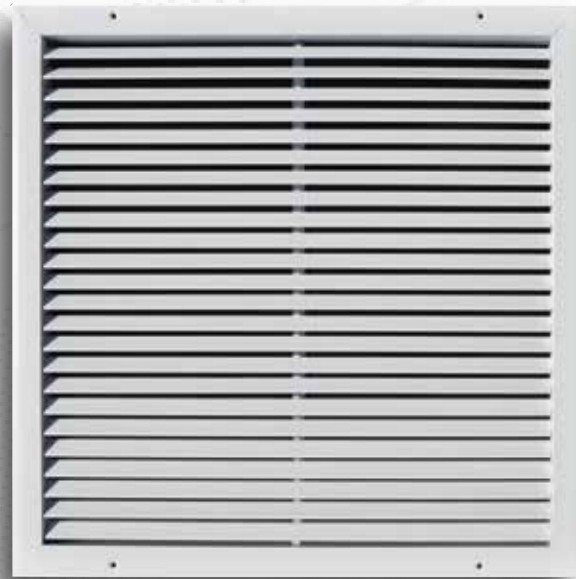
- Aluminum Construction



Sizing Chart																
HEIGHT	WIDTH															
	6	8	10	12	14	16	18	20	24	25	26	28	30	36	38	40
4		✦	✦	✦	✦				✦					✦		
6	✦	✦	✦	✦	✦	✦	✦	✦	✦					✦	✦	
8		✦	✦	✦	✦	✦	✦	✦	✦					✦	✦	
10			✦	✦	✦	✦	✦	✦	✦					✦	✦	
12				✦	✦	✦	✦	✦	✦		✦			✦	✦	
14					✦	✦	✦	✦	✦	✦				✦	✦	✦
16						✦		✦	✦	✦		✦		✦	✦	✦
18			✦				✦	✦	✦			✦		✦	✦	✦
20			✦		✦			✦	✦	✦				✦	✦	✦
24				✦	✦	✦		✦	✦					✦	✦	
26														✦	✦	
30					✦			✦	✦					✦	✦	
36				✦			✦							✦	✦	
40														✦	✦	

\* PLEASE CONTACT US FOR ALL SIZES NOT LISTED

Low visibility  
45° fixed blades



Reinforced,  
mitered corners



3/4 inch  
blade spacing



### ORDERING HINTS

### DESCRIPTION

### Example Model

Select Steel or Aluminum:

Model 270 - **Steel Construction**  
Model A270 - **Aluminum Construction**

270  
A270

Select register size:

20 x 16 (Steel)  
20 x 16 (Aluminum)

270 **20 x 16**  
A270 **20 x 16**

Special Note:

There is a significant difference between a 20 x 16 Return Grille and a 16 x 20 Return Grille. The first dimension is the length of the blades. In most cases, this would be called the **horizontal** dimension or the **width** of the Return Grille.

## Model 200 and A200 Series

Manufactured specifically for Packaged Wall Mount A/C applications, this line-up of registers and grilles is perfect for through-the-wall sleeve installations. Each is sized to work with all wall-mount manufacturers' products each with a wide variety of options for material and finish requirements.



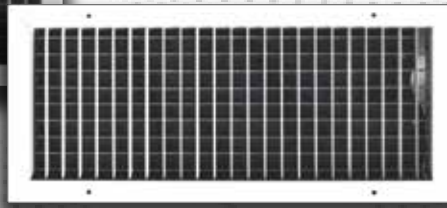
### Model A220V-AL

*Aluminum Construction - Aluminum Finish  
Adjustable Vertical & Horizontal Blades*



### Model 220V

*Steel Construction - White Finish  
Adjustable Vertical & Horizontal Blades*



### Model A270-AL

*Aluminum - Aluminum Finish*



### Model 270

*Steel - White Finish*



### Model A290-AL

*Aluminum Filter Grille - Aluminum Finish*



### Model 290

*Steel Filter Grille - White Finish*



#### Features

- Double Deflection Supply Diffuser
- Bar type grille and filter grille
- Steel or aluminum material
- White or Aluminum Finish

#### Product Detail



Aluminum or White Powder-Coat Finish



Easy-to-open thumb guides on aluminum model only

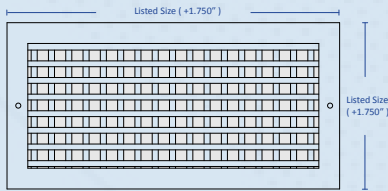


## Model 220

- Steel construction

## Model A220

- Aluminum construction

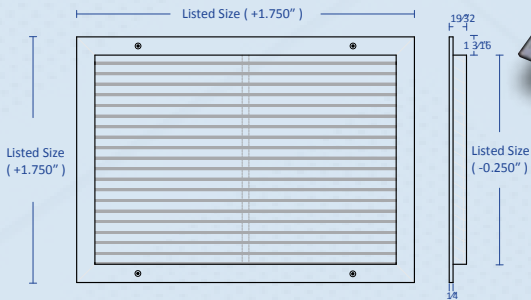


## Model 270

- Steel Construction

## Model A270

- Aluminum Construction

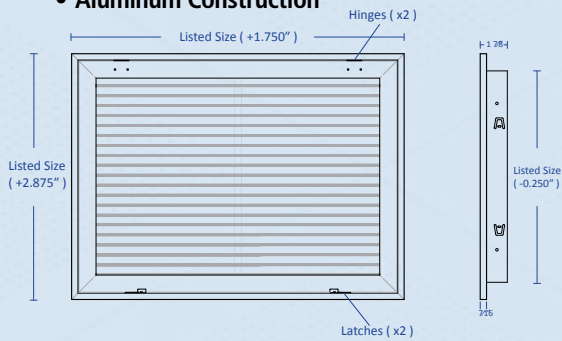


## Model 290

- Steel Construction

## Model A290

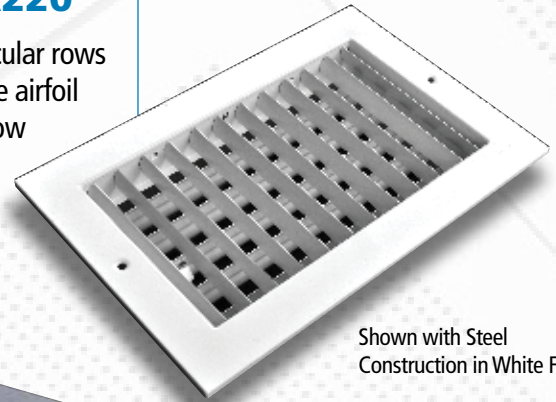
- Aluminum Construction



## Wall Mount Register Options

### Model 220 / A220

Featuring two perpendicular rows of individually adjustable airfoil bars for maximum airflow control, the 220 Series register delivers high capacity airflow with a sleek aesthetic style.



Shown with Steel Construction in White Finish

### Model 270 / A270

Featuring individually fixed bars which are solidly placed at 45 degrees, maximizing return airflow while reducing visibility into the ductwork itself.



Shown in Aluminum Finish

### Model 290 / A290

Shown in Aluminum Finish



Model 290 Shown Open



Easy-to-access wall mount grille is also available as a filter grille model.

	STEEL Supply Diffuser	STEEL Bar-Type Return Grille	STEEL Bar-Type Filter Grille	ALUMINUM Supply Diffuser	ALUMINUM Bar-Type Return Grille	ALUMINUM Bar-Type Filter Grille
White Finish	<b>220V</b>	<b>270</b>	<b>290</b>	<b>A220V</b>	<b>A270</b>	<b>A290</b>
Aluminum Finish	<b>220V-AL</b>	<b>270-AL</b>	<b>290-AL</b>	<b>A220V-AL</b>	<b>A270-AL</b>	<b>A290-AL</b>
Available Sizes:	17x5 20x8 28x8 30x10	17x10 20x12 28x14 30x16	17x10 20x12 28x14 30x16	17x5 20x8 28x8 30x10	17x10 20x12 28x14 30x16	17x10 20x12 28x14 30x16

## Model A520F & Model A520B

These modular core products are manufactured in a surface mount design, bringing total versatility to any drywall or sheetrock ceiling installation. Made with top-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 (OBD) system.



commercial

### Model A520F

*Flat-frame design*



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



### 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

- Beautifully crafted removable aluminum cores
- One, two, three, four-way and corner throw patterns
- White powder-coat finish
- Attractive Beveled-frame or Flat-frame designs
- Square neck sizes from 6x6 to 20x20

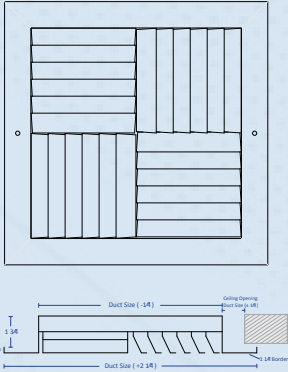
#### Product Detail



Beveled Frame Design   Flat Frame Design

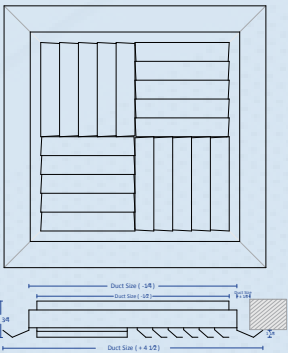
## Model A520F - Flat Frame

• Modular Core Surface Mount Diffuser

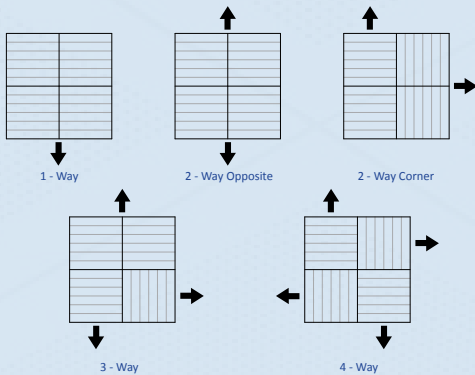


## Model A520B - Beveled Frame

• Modular Core Surface Mount Diffuser

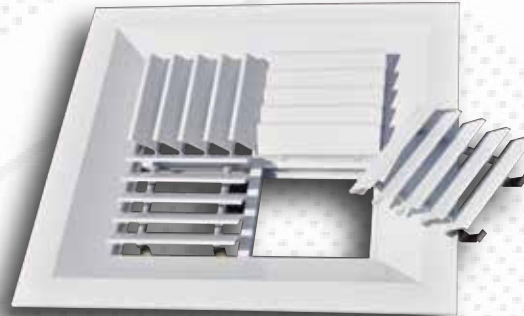


## Pattern Throw Configurations



## Models A520F & A520B

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



Reverse Side



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



**Model A520B Beveled Frame Design**  
(Shown with detached core)



### ORDERING HINTS

### DESCRIPTION

### EXAMPLE

1. Select frame design style:

Flat Frame Design  
Beveled Frame Design

A520F  
A520B

2. Select size(s) needed:

From 6"x6" to 20"x20"

A520F - 10x10

3. Select Optional OBD:

O = Opposed Blade Damper

A520FO 10x10

## 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 top-quality aluminum material, with removable cores and feature a sleek low profile blade design that comes in a Flat-frame or Beveled-frame style.

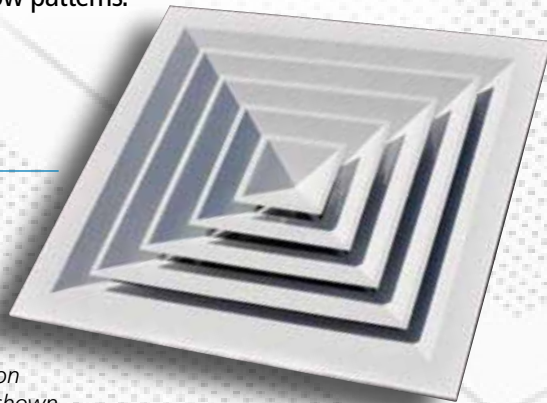
This is a versatile, attractive series for office installations with drywall/sheetrock ceilings instead of a T-Bar design. Each is available with optional aluminum Opposed Blade Dampers and feature several airflow patterns.



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### Model A540F

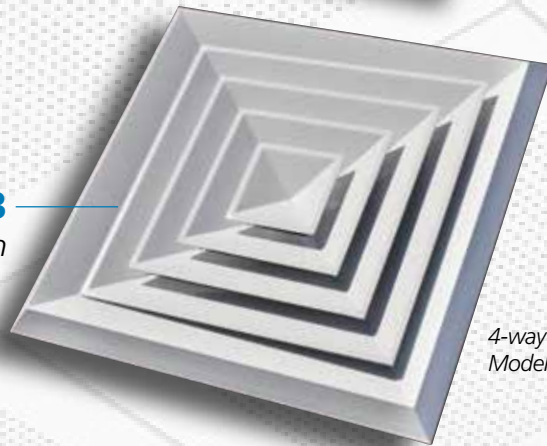
Flat-frame design



4-way Deflection  
Model A544F shown

### Model A540B

Beveled-frame design



4-way Deflection  
Model A544B shown

#### Compare to:

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

#### Features

- All aluminum construction
- Sleek low-profile blade design
- Flat or Beveled-frame design
- Removable core
- Square neck sizes form 6 x 6 to 20 x 20
- White powder-coat finish

#### Model A541

1-Way Deflection

#### Model A542

2-Way Deflection

#### Model A543

3-Way Deflection

#### Model A545

2-Way Corner



Choose your air-throw pattern

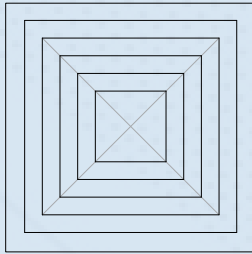
#### Product Detail



Beveled Frame Design Flat Frame Design

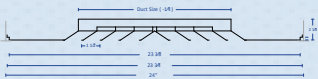
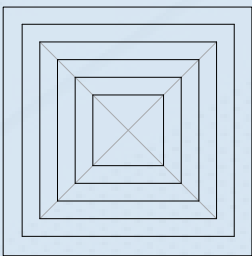
## Model A540F - Flat Frame

• Modular Core Surface Mount Diffuser

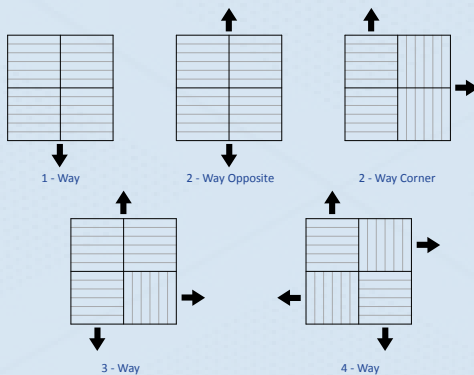


## Model A540B - Beveled Frame

• Modular Core Surface Mount Diffuser



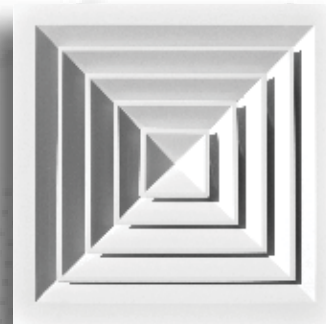
## Pattern Throw Configurations



## A540 Series

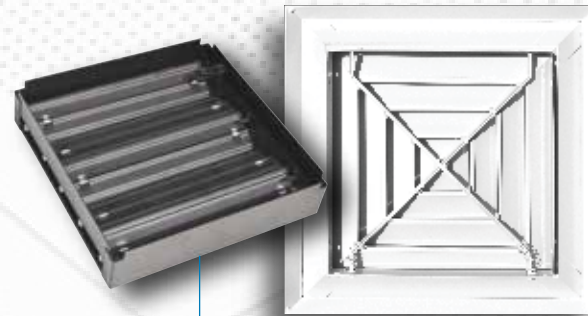
### Model A544F - Flat Frame

(Shown with core attached)



Model A544F shown

### Reverse Side

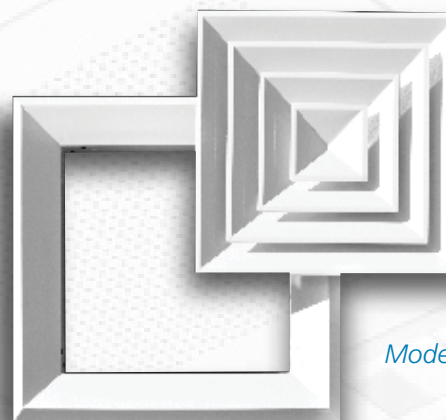


### Optional Opposed Blade Damper

With quiet, high-quality nylon bushings

### Model A544B Beveled Frame

(Shown with core removed)



Model A544B shown

## ORDERING HINTS

## DESCRIPTION

## EXAMPLE

Select the Base Model:

Model A540

A540

Select Frame Style:

**B** = Beveled Frame Design  
**F** = Flat Frame Design

A540B  
A540F

Determine Air-flow Direction:

1-Way, 2-Way, 3-Way, 4-Way or 5 for Corner

A544B

Determine Square Neck Size:

6", 9", 12", 15", or 18" square

A544B 9 x 9

Select Optional OBD:

**O** = Opposed Blade Damper

A544BO 9 x 9

## Model 600 and Model 700

There are two types of installations that require large volumes of air to be introduced to an enclosed space. The first is unique to hot dry climates, and is typically called the evaporative or swamp cooler. The second type is seen when air needs to be introduced into environments where high-capacity exhaust fans are removing large volumes of air.



### Model 600M Ceiling Mount Diffuser



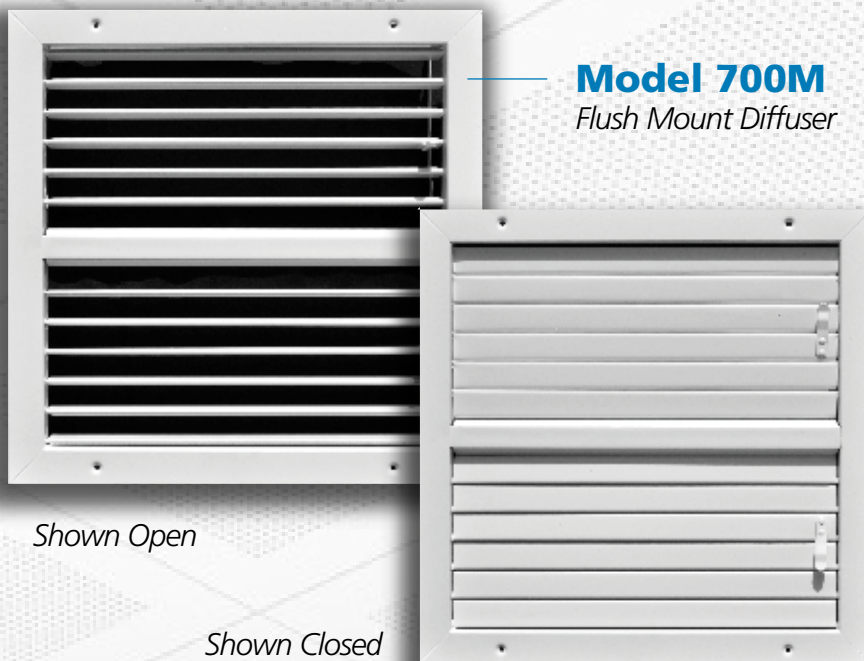
Truair's 600 Series Diffuser mounts in the ceiling, and extends down into the conditioned space about 6 inches. From there the air can be diffused on all four sides. The 700 Series is a flush mount design, and utilizes a wide blade configuration to diffuse high air volumes.

commercial

#### Features

- High velocity designs
- Pristine white Powder-coat finish
- Rugged steel construction
- Adjustable blades

### Model 700M Flush Mount Diffuser



*Shown Open*

*Shown Closed*

#### Product Detail



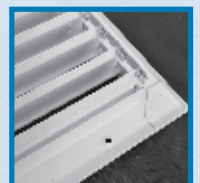
Model 600 Open



Model 600 Closed



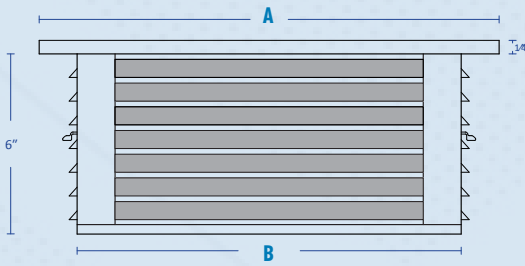
Large adjustable fins



SmoothGlide Technology

## Model 600M

• Ceiling Mount

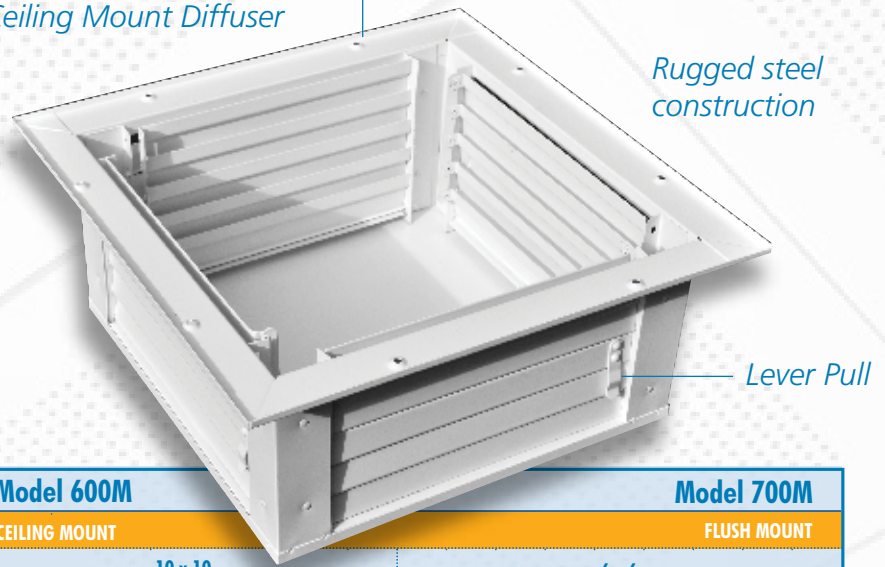


SIZE	A	B
10 X 10	13"	10.25"
12 X 12	15"	12.25"
14 X 14	17"	14.25"
16 X 16	19"	16.25"
18 X 18	21"	18.25"
20 X 20	23"	20.25"
22 X 22	25"	22.25"
22 X 22T	23.75"	21.00"
24 X 24	27"	24.25"
26 X 26	29"	26.25"
30 X 30	33"	30.25"
32 X 32	35"	32.25"

\* PLEASE CONTACT US FOR ALL SIZES NOT LISTED

## Model 600M

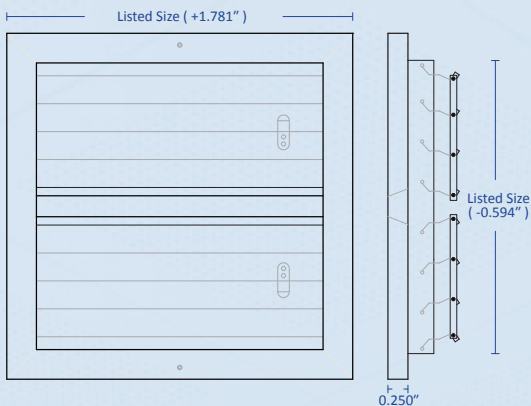
Ceiling Mount Diffuser



Model 600M		Model 700M
CEILING MOUNT		FLUSH MOUNT
10 x 10		6 x 6
12 x 12		8 x 8
14 x 14		10 x 10
16 x 16		12 x 12
18 x 18		14 x 14
20 x 20		16 x 16
22 x 22		18 x 18
22 x 22T		20 x 20
24 x 24		22 x 22
26 x 26		24 x 24
28 x 28		
30 x 30		
32 x 32		

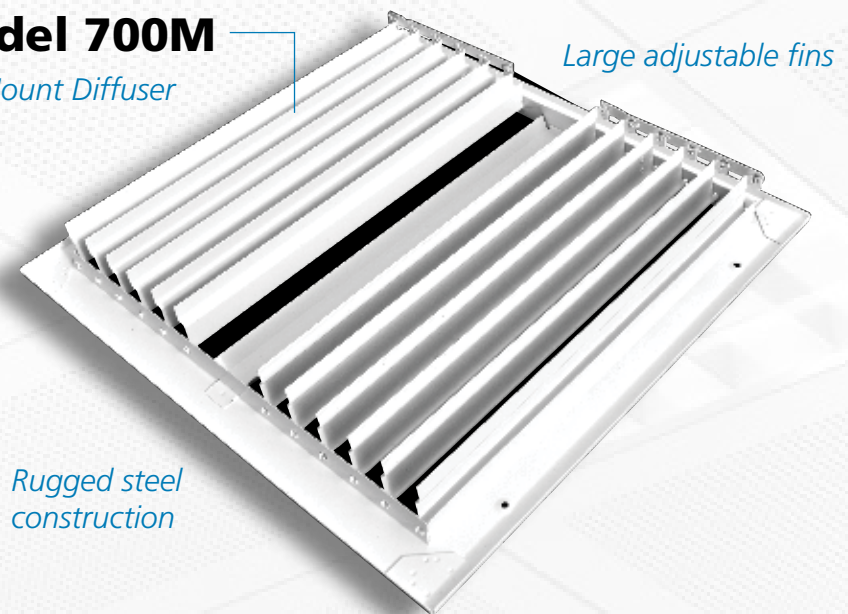
## Model 700M

• Flat Mount



## Model 700M

Flat Mount Diffuser



## 1000 SERIES

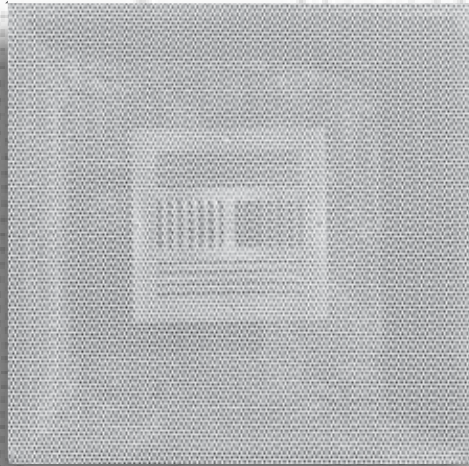
The 1000 Series T-Bar models are designed with budget in mind. These diffusers come with an attractive perforated steel face finished in white powder-coat. The supply model (MAS) includes an air deflector for enhanced air distribution.

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.

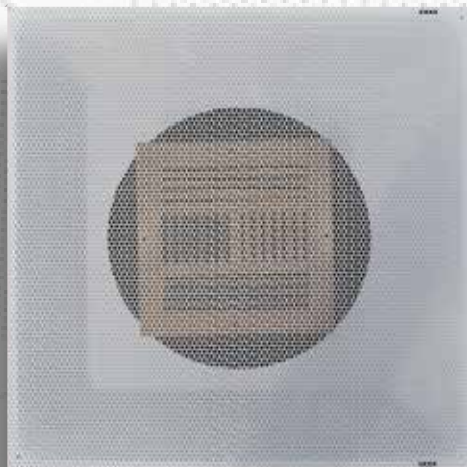


commercial

### Model 1010MAS / MAR



### Model 1020MAS / MAR

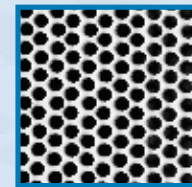


Compare to:	1010
Hart & Cooley	REN/RENPS
Titus	
Shoemaker	110/111
Metal Aire	7300
Price	
Krueger	

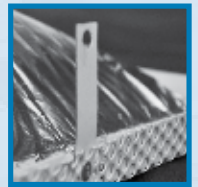
#### Features

- Steel perforated face
- White powder coat finish
- Seismic support tabs
- Air deflector on supply models
- Optional configurations include:
  - Insulated
  - Uninsulated
- Universal cut-in collar or fixed steel collar

#### Product Detail



Steel Perforated Face

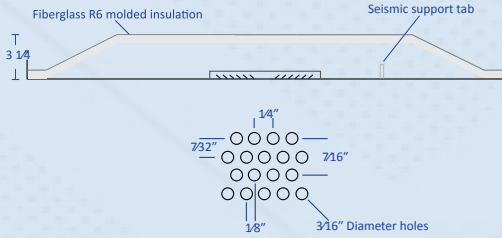


Seismic Support Tabs



## 1010 MAS - Supply 1010 MAR - Return

- Universal molded R6 fiberglass back



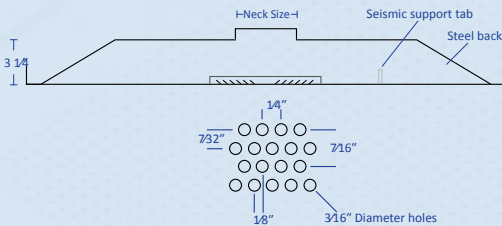
## 1010 MAS/MAR

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



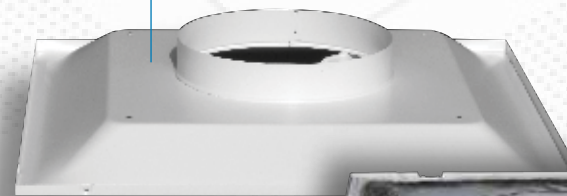
## 1020 MAS - Supply 1020 MAR - Return

- Uninsulated: Steel backing with fixed collar



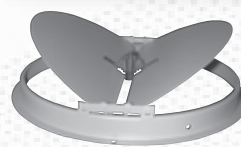
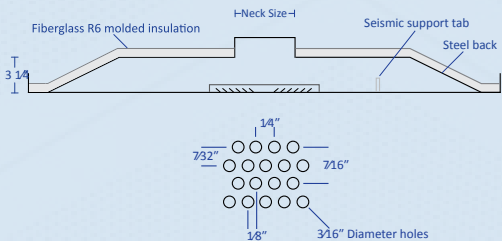
## 1020 MAS/MAR Options

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



## 1020 MAS-INS - Supply (Insulated) 1020 MAR-INS - Return (Insulated)

- Insulated: R6 backing with fixed collar



*Butterfly Damper  
also available on  
models with collar*



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

### ORDERING HINTS

### DESCRIPTION

### Supply

### Return

#### OPTION 1:

Universal Back - No Collar

1010MAS

1010MAR

#### OPTION 2:

Steel back with fixed collar + Collar Size (Uninsulated)

1020MAS-8

1020MAR-8

#### OPTION 3:

*(See images shown above)*

Steel back with fixed collar + Collar Size (Insulated)

1020MAS-8 **INS**

1020MAR-8 **INS**

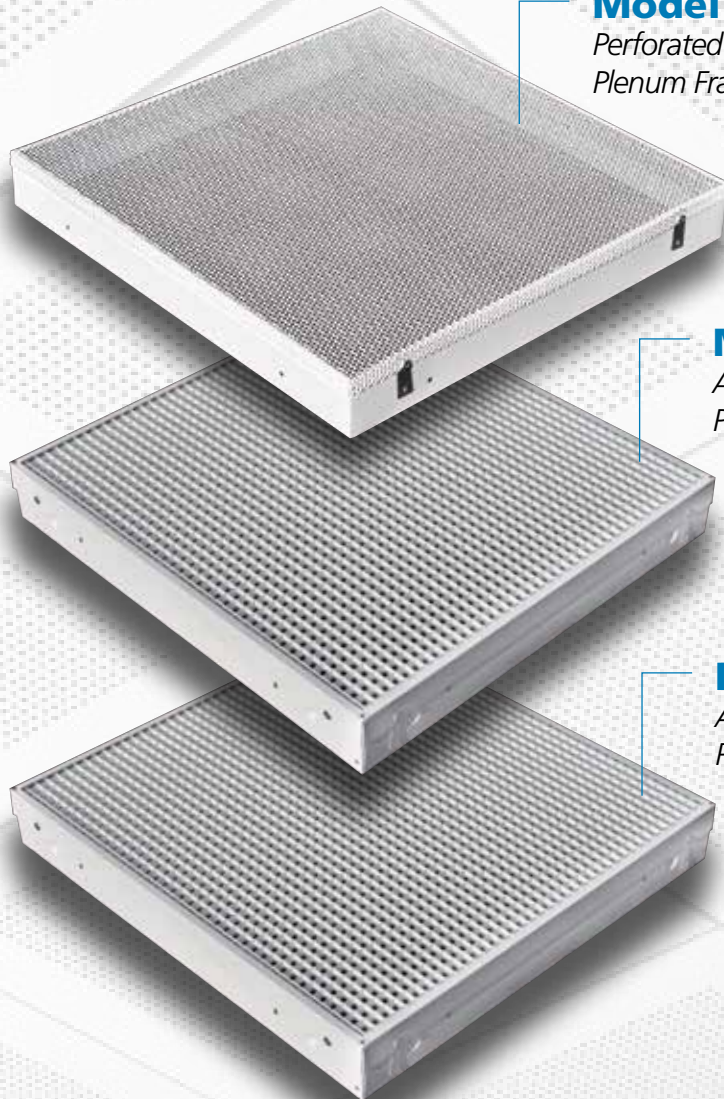
## 1100 Series

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 a Supply Diffuser employing the stamped deflector and each model is also available in full-size T-Bar configurations including half T-Bar and double T-Bar dimensions.



commercial



**Model 1120**  
Perforated Face  
Plenum Frame Design

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

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

### Features

- Unique plenum frame design
- Perforated or eggcrate face
- 12" x 24" Dimension
- 24" x 24" Dimension
- 24" x 48" Dimension
- Optional 1 1/2" ductboard

### Product Detail



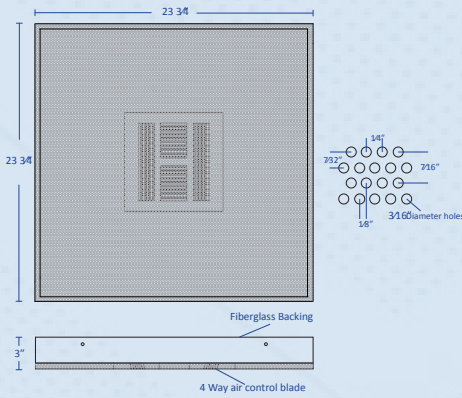
Plenum box on reverse side



Seismic support tabs

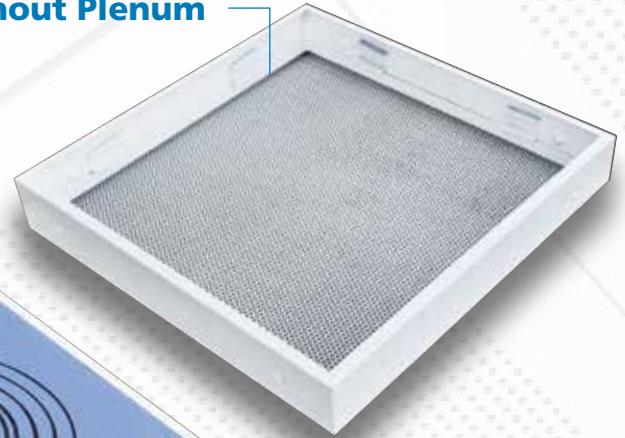
## Model 1120

- Perforated Face Plenum Frame



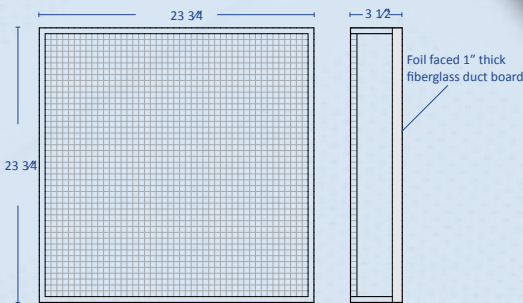
## 1100 Series Options

Open Back - Without Plenum

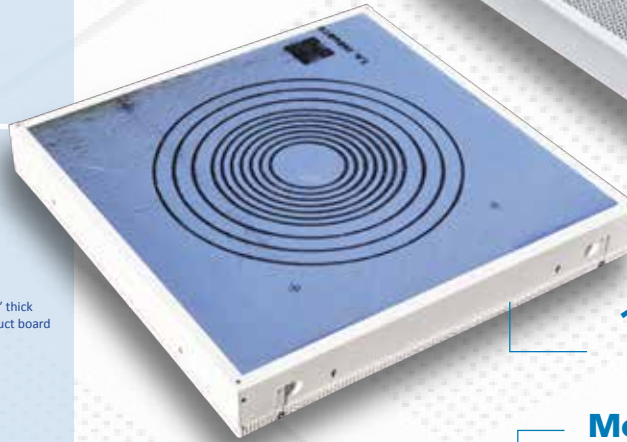


## Model 1130

- Acrylic Eggcrate Face Plenum Frame

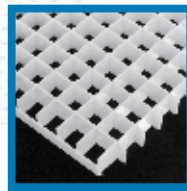


1 1/2' Ductboard Back

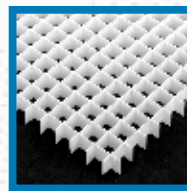


## Model 1120

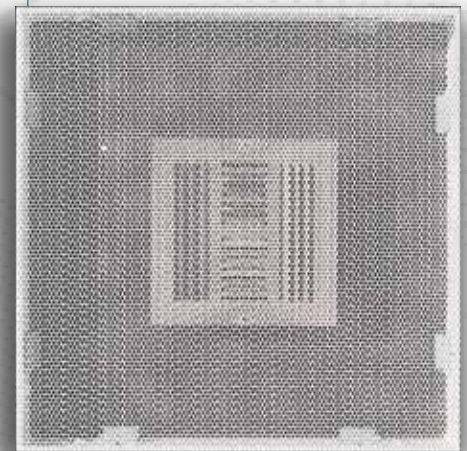
Shown with Supply Deflector



Acrylic

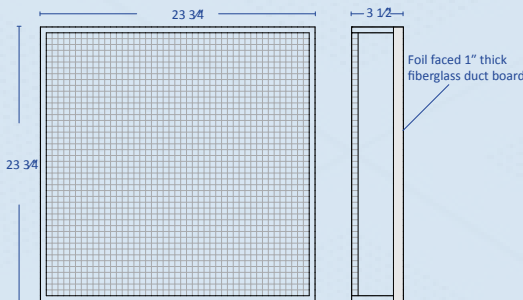


Aluminum



## Model 1140

- Aluminum Eggcrate Face Plenum Frame



### ORDERING HINTS

### DESCRIPTION

### EXAMPLE

**Select Base Model:**

Model 1120\* - Model 1130 - Model 1140

**1120**

**Select Face Design:**

**S** = Supply, perforated face, open back  
**DBS** = Supply, perforated, 1 1/2" ductboard  
**R** = Return, open back  
**DBR** = Return, 1 1/2" ductboard

**1120S**  
**1120DBS**  
**1120R**  
**1120DBR**

**Select Appropriate Size:**

**1** = 12" x 24"  
**2** = 24" x 24"  
**4** = 24" x 48"

**1120DBR-1**  
**1120DBR-2**  
**1120DBR-4**

\*Special Note:

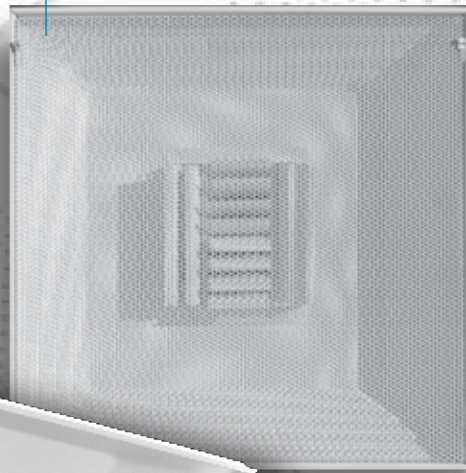
Model 1120 is the only model available with the Supply deflector.

## 1400 SERIES

The 1400 Series is a set of hinged perforated face T-Bar products. Choose from either two of our diffuser models which give the luxury of air control in either the high-quality adjustable curved blade diffuser or the economy of adjustable deflectors. The 1444RG is the perfect match for either Supply Diffuser. Every 1400 Series Diffuser comes standard with the Truair Super-Collar and is also available with optional insulation.

### Model 1400CB

*T-Bar Perforated Curved Blade - Supply Diffuser*



### Model 1420AB

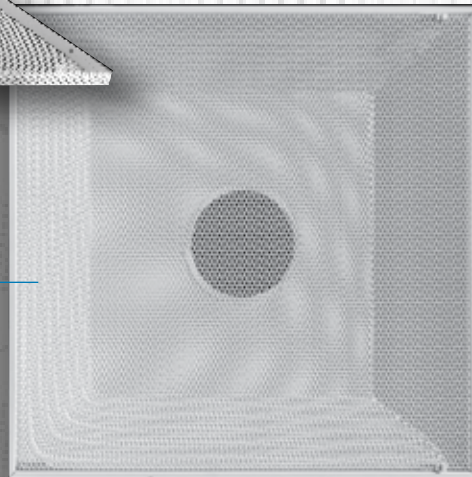
*T-Bar Perforated Rotating Deflector Supply Diffuser*



*Shown in open position*

### Model 1444RG

*T-Bar Perforated Return Grille*



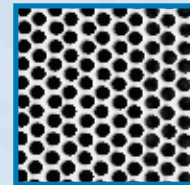
commercial

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

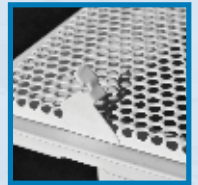
### Features

- Hinged perforated face
- Four-way adjustable curved blade diffuser on supply model 1400CB
- Four-way adjustable stamped deflectors on the supply model 1420AB
- White powder coat finish
- Seismic support tabs
- Insulation available
- Steel construction
- Exclusive TRUAIRE Super Collar

### Product Detail

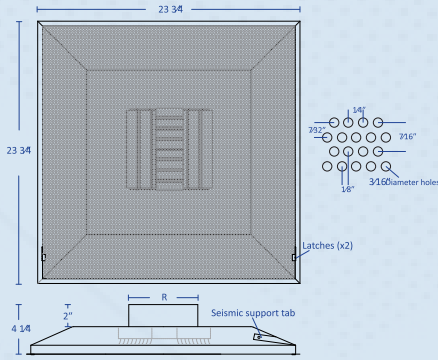


Steel Perforated Face

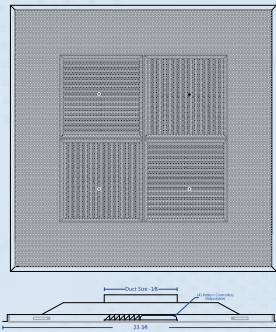


SmoothGlide™ Latch Technology

## Model 1400CB Steel Back - Supply

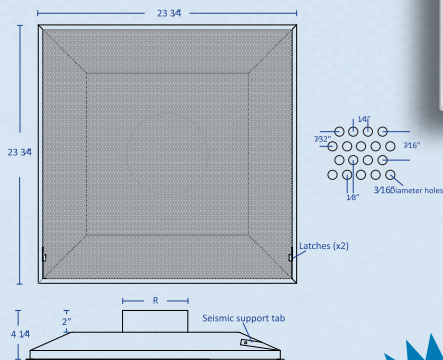


## Model 1420AB Steel Back - Return



## Model 1444RG

• Steel Back - Return

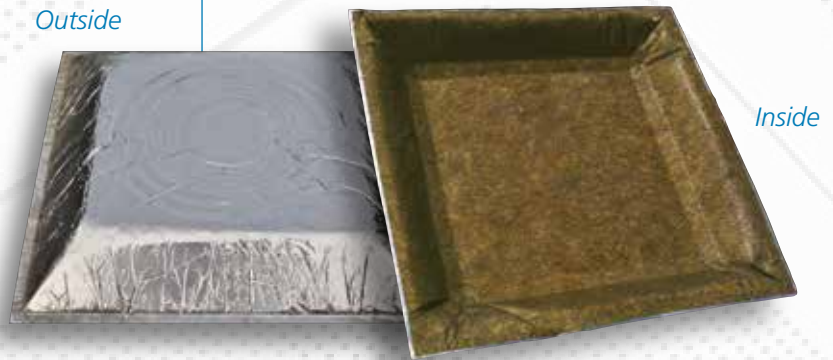


## Super Collar



## 1400 Series Options

**Accessory Insulation - Model 1056FB**  
(NOTE: Must be ordered as a separate item)



> **SQUARE:** neck size: 14" x14"

> **ROUND:** 6", 8", 10", 12", 14", 16", 18", & 20"

## Available Neck Sizes



Model 1420AB shown open with Rotating Deflector Fins

**Hinged Face Panel**  
(Featuring SmoothGlide Technology Latch System)

ORDERING HINTS	DESCRIPTION	Supply	Supply	Return
<b>Step 1:</b>	Select <b>Supply</b> or <b>Return</b> Models	1400CB	1420AB	1444RG
<b>Step 2: Round Neck</b>	Select <b>Round</b> neck size: (6, 8, 10, 12, 14, 16, 18, or 20)	1400CB-8	1420AB-8	1444RG-8
<b>Step 2: Square Neck</b>	...Or Select <b>Square</b> 14" neck	1410CB-14	1425AB-14	1455RG-14
<b>OPTION: Accessory Insulation</b>	Add Molded R6 Insulated Backing	+ Model 1056FB		

## 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.



commercial

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



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



**Model 2004CD**  
*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

- Single plaque, 2 or 3 cone diffusers available
- Extra heavy gauge steel
- Seismic support tabs
- Pristine white powder coat finish
- New Exclusive Truair Super-collar
- Options for insulation and dampers

### Product Detail



Insulation thumb-tab and recessed hanger wire hole

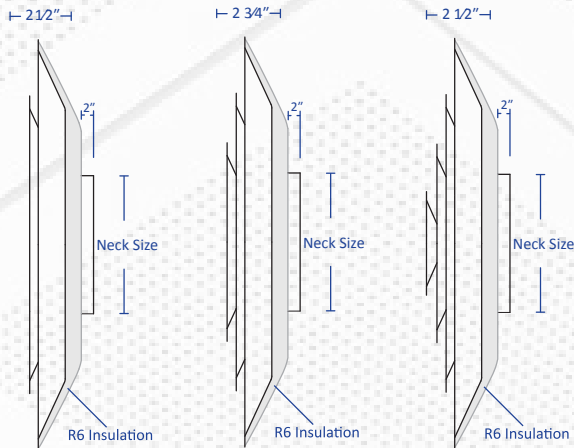


## 2000 Series Options

### Super Collar

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.

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



2000PD

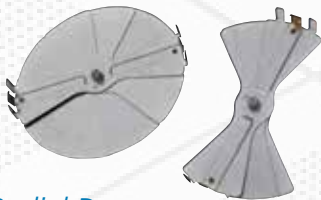
2003CD

2004CD

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



### Optional Dampers

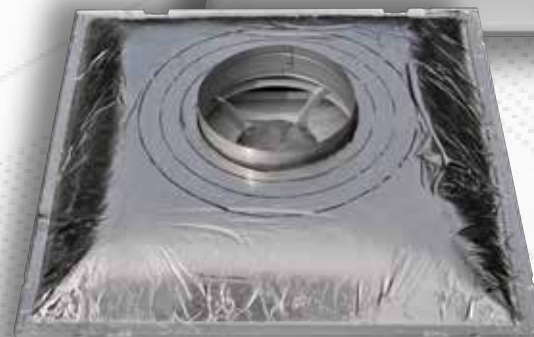


Radial Damper



Butterfly Damper

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



### ORDERING HINTS

### DESCRIPTION

### EXAMPLE ORDER

1. Select a face pattern:

Model 2000PD OR Model 2003CD OR Model 2004CD

2004CD

2. Select the collar size:

6", 8", 10", 12", or 14" diameter

2004CD-8 (for 8")

3. Select insulation options:

**IN** = R6 insulated steel back with collar  
**R6** = Universal back only - No collar - No damper

2004CD-8 **IN**  
2004CD-8 **R6**

4. Select damper options:  
(See images shown above)

**BD** = Butterfly Damper  
**RD** = Radial Damper

2004CD-8 **BD**  
2004CD-8 **RD**  
2004CD-8 **INBD**

Note: To select models with insulation & damper; Designate BOTH

## 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.



commercial

### Model 2604SC

*Curved Blade Diffuser - Steel Construction*



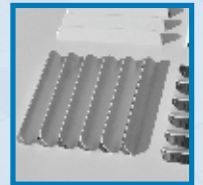
#### Features

- Economical
- Highly effective air distribution
- Attractive face pattern
- Optional damper and insulation
- White powder-coat finish
- Durable steel stamped curved blade construction

#### Product Detail



Optional Opposed Blade Damper



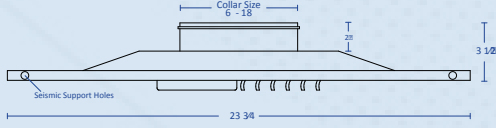
Detail view of stamped curved blades



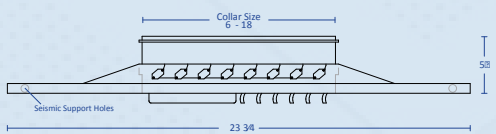
## Model 2604SC

- Stamped Curved Blade Diffuser
- Steel Construction

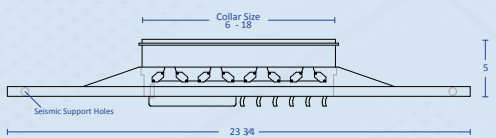
### No Damper



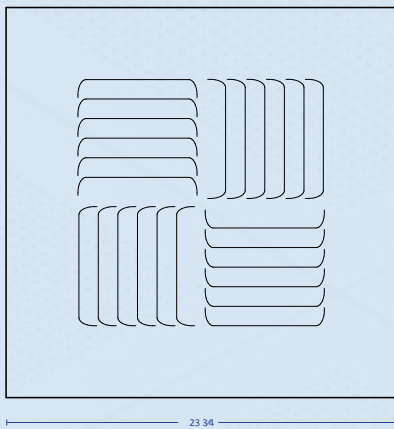
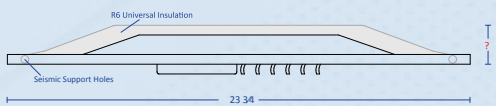
### Multi-Shutter Damper



### Opposed Blade Damper



### Insulated Back



## 2600 Series Options

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

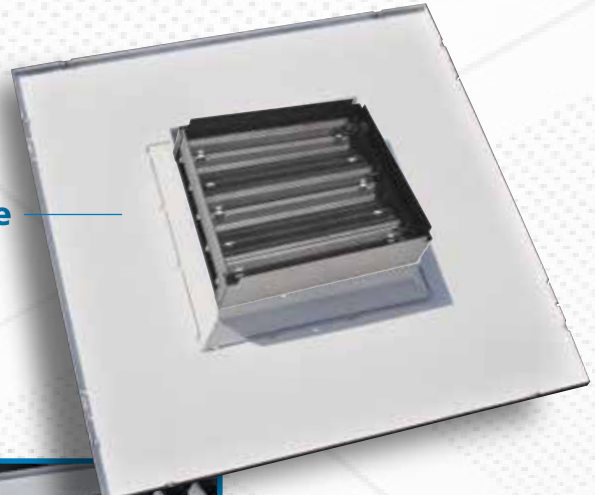


### Available Sizes:

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

Optional R-6 molded fiberglass back requiring any effective tabbed collar (not supplied).

### Opposed Blade Damper with Traditional Square Neck



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

## ORDERING HINTS

## DESCRIPTION

## Model Example

**Step 1:** Select the Base Model

Model 2604SC

2604SC

**Step 2:** Select the Size

Choose from 6" x 6" through 18" x 18"

2604SC-10

**Step 3:** Select any Options

O = **Opposed Blade Damper**

2604SCO-10

MLD = **Molded R6 insulation**

2604SC-10-MLD

## 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.



commercial

### Model 4010FG

*Stamped Face Return - 1/2" Fins*

### Model 4013FG

*Stamped Face Return - 1/3" Fins*



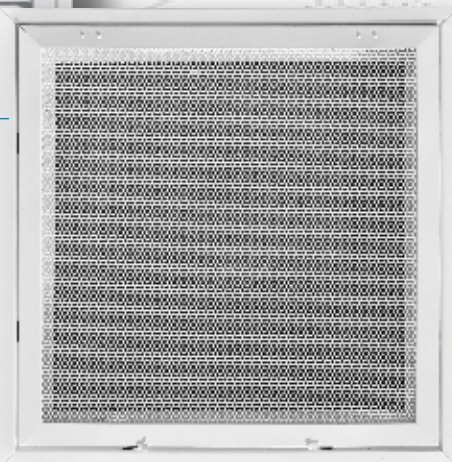
### Model 4020FG

*Fixed Bar Return Air Filter Grille*



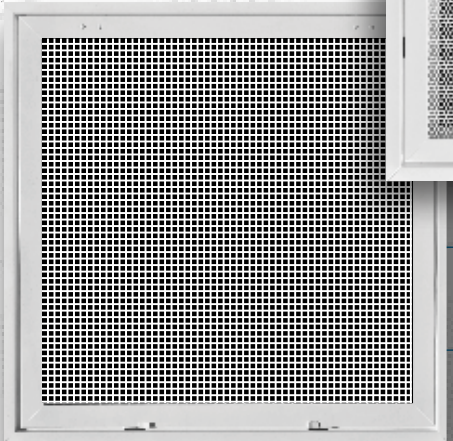
### Model 4030FG

*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

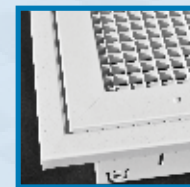
### Features

- Solid craftsmanship; steel or aluminum
- White powder-coat finish
- SmoothGlide Latch Technology
- Full set of plenum-back options
- Full set of face design and material options
- For use with 1" or 2" filters

### NOTE:

- Universal models (MLD) accept only 1" filters.

### Product Detail



Premium Egg Crate



SmoothGlide Latch

### Model 4010FG

- Stamped Face Return - 1/2" Spacing

### Model 4013FG

- Stamped Face Return - 1/3" Spacing

### Model 4020FG

- Fixed Bar Return Air Filter Grille

### Model 4030FG

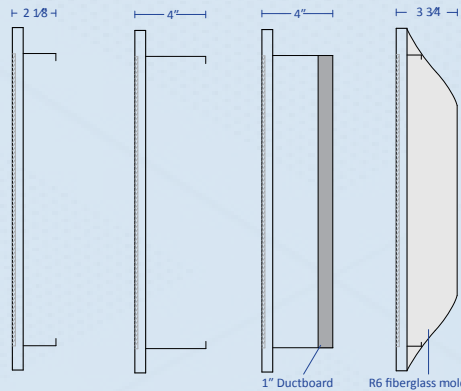
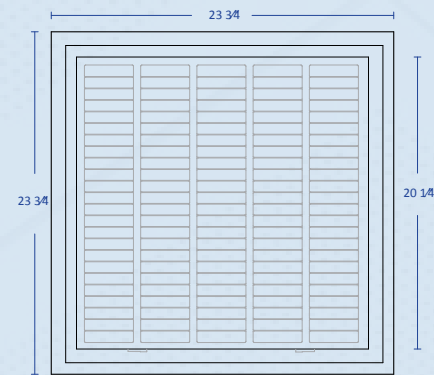
- Perforated Face Return Air Filter Grille

### Model 4040FG

- Acrylic Egg-Crate Return Air Filter Grille

### Model 4050FG

- Aluminum Egg-Crate Return Air Filter Grille



## 4000 Series Options

Open Back - Without Plenum



1 1/2' Ductboard Back

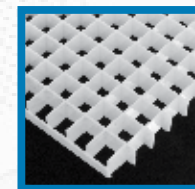
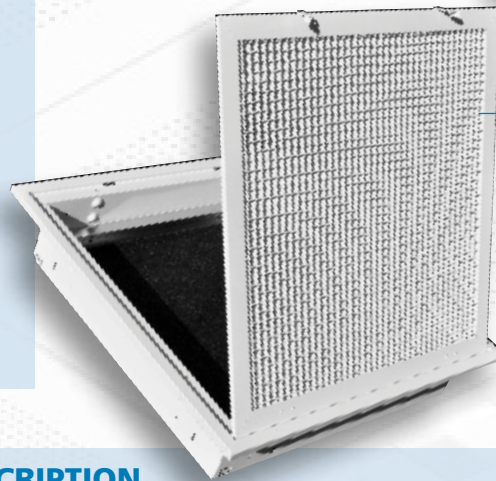
Universal R6 Molded Fiberglass Back

(\*NOTE: The molded R6 back is only available on 24"x24" models)

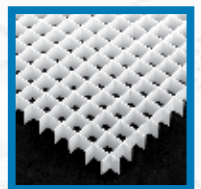


Hinged Face

(Fixed hinge face on all models)



Acrylic



Aluminum



### ORDERING HINTS

1. Select one of 6 face models:

### DESCRIPTION

4010FG, 4013FG, 4020FG, 4030FG, 4040FG, 4050FG

### EXAMPLE

4010FG

2. Select T-Bar grid size:

- 1 = 24" x 24" (Low Profile)
- 2 = 24" x 24"
- 4 = 24" x 48"

- 4010FG-1
- 4010FG-2
- 4010FG-4

3. Select a back style:

- DB = Ductboard back - Pre-marked
- MLD = R6 Molded back - Pre-scored\*
- Leave blank for the uninsulated Open Back configuration

- 4010FG-2 DB
- 4010FG-2 MLD
- 4010FG-2

## 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

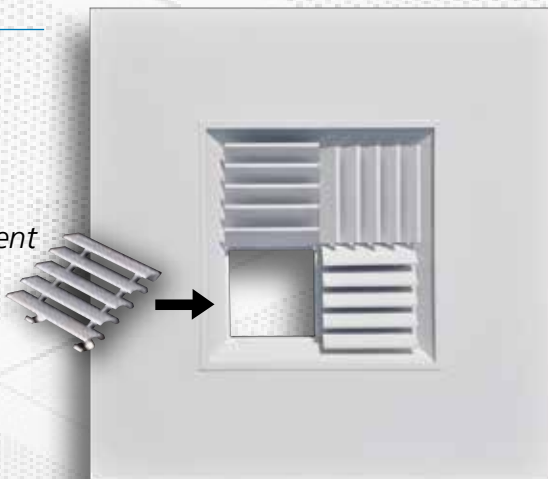
*Aluminum Core - Steel Panel*



### Model A5200CB

*Aluminum Core - Aluminum Panel*

*Shown with core component removed*



commercial

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

- Beautifully crafted removable aluminum cores
- One, two, three, four-way and corner throw patterns
- Steel or aluminum T-Bar panel
- White powder-coat finish
- Traditional square neck
- Convenient round collar
- Perfect for VAV applications

### Product Detail



Detachable Cores



Insulation thumb-tab and recessed hanger wire hole

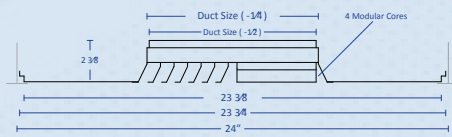
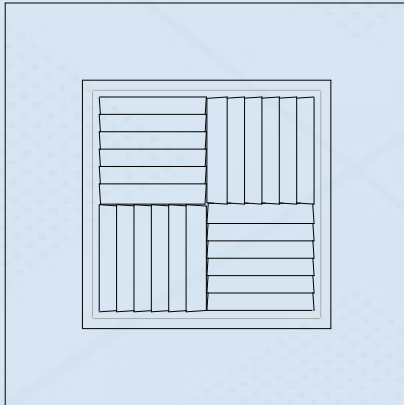
## 5200 Series Options

### Model 5200CB

- Aluminum Core - Steel Panel

### Model A5200CB

- Aluminum Core - Aluminum Panel



Round Collar (RD)

Traditional Square Neck (SQ)

Opposed Blade Damper with Round Collar

Opposed Blade Damper with Traditional Square Neck

ORDERING HINTS	DESCRIPTION	Example Model
Select base model and panel:	5200CB - Steel Panel A5200CB - Aluminum Panel	5200CB A5200CB
Select round or square neck:	RD = Round Collar SQ = Square Neck	5200CB-RD 5200CB-SQ
Select Neck Size:	6", 8", 10", 12", 14", 16", 18" or 20"	5200CB-RD-8 5200CB-SQ-8
Optional Damper:	O = Opposed Blade Damper	5200CB-O-RD-8
Optional R6 fiberglass back:	IN = Include molded Fiberglass Backing	5200CB-RD-8-IN

## 5400 SERIES

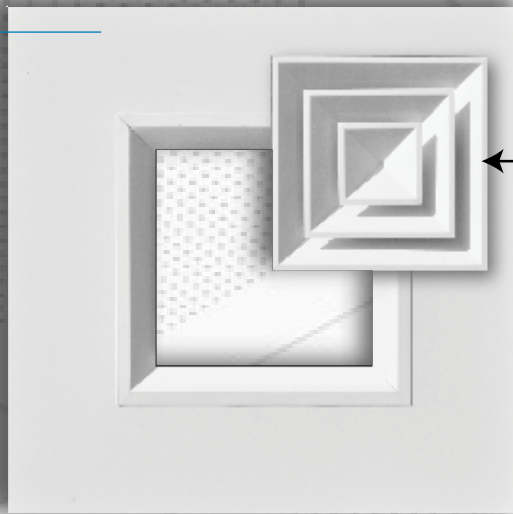
This attractive T-Bar design comes in a sleek low-profile blade arrangement, engineered to be “flush” with the ceiling. This diffuser might be considered the architects first choice for small to medium-sized commercial projects.

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.



commercial

**Model 5404SD** *Steel*  
**Model A5404SD** *Aluminum*  
 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.

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

### Features

- Sleek blade design
- One, two, three, four-way and corner air throw.
- Aluminum construction
- Steel or aluminum T-Bar panel

**Model 5401SD**  
1-Way Deflection

**Model 5402SD**  
2-Way Deflection

**Model 5403SD**  
3-Way Deflection

**Model 5405SD**  
2-Way Corner



Choose your air-throw pattern

### Product Detail



Insulation thumb-tab and recessed hanger wire hole



Low-Profile Blade Design

## 5400 Series Options

### Model 5401SD

- Steel 1-Way Air Deflection

### Model 5402SD

- Steel 2-Way Air Deflection

### Model 5403SD

- Steel 3-Way Air Deflection

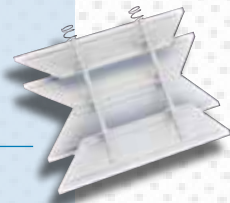
### Model 5404SD

- Steel 4-Way Air Deflection

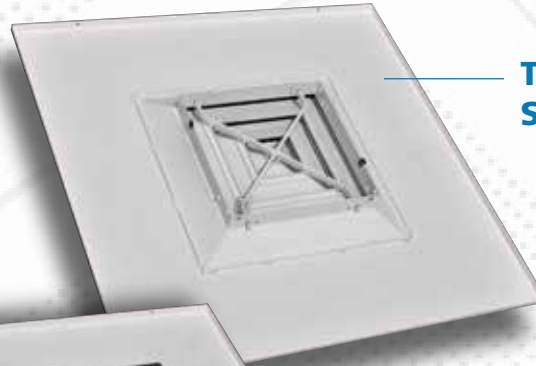
### Model 5405SD

- Steel 2-Way Corner Air Deflection

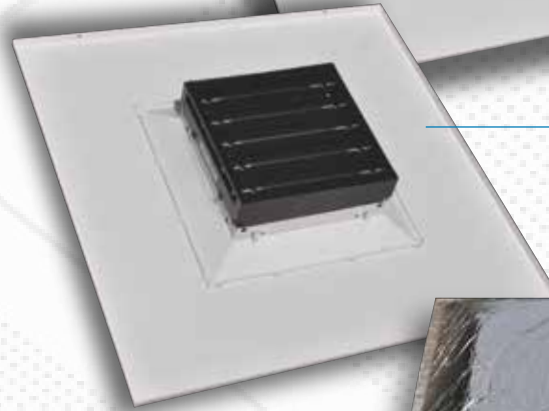
Spring loaded,  
Easy-to-change  
Directional Throw Panels



Traditional  
Square Neck (SQ)



Opposed Blade  
Damper with  
Traditional  
Square Neck



### Model A5401SD

- Aluminum 1-Way Air Deflection

### Model A5402SD

- Aluminum 2-Way Air Deflection

### Model A5403SD

- Aluminum 3-Way Air Deflection

### Model A5404SD

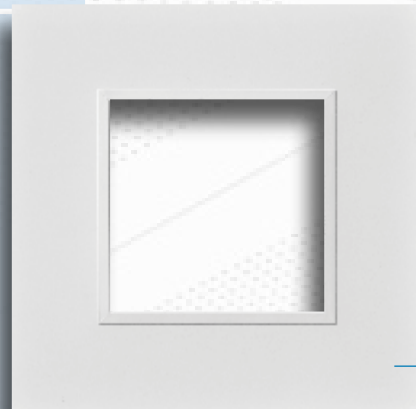
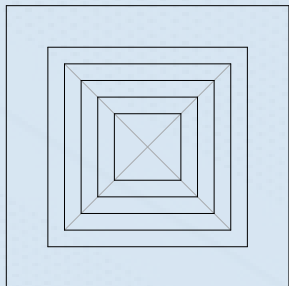
- Aluminum 4-Way Air Deflection

### Model A5405SD

- Aluminum 2-Way Corner Air Deflection



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



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

ORDERING HINTS	DESCRIPTION	Example Model
<b>Start with the base model:</b>	Model 5400SD - <b>Steel</b> T-Bar Panel Model A5400SD - <b>Aluminum</b> T-Bar Panel	<b>5400SD</b> <b>A5400SD</b>
<b>Determine air-flow direction:</b>	1-Way, 2-Way, 3-Way, 4-Way or 5 for Corner	5404SD
<b>Determine Square Neck Size:</b>	6", 9", 12", 15", or 18" square	5404SD-12x12
<b>For optional insulation:</b>	IN = Include molded <b>Fiberglass Backing</b>	5404SD-12x12-IN
<b>For optional OBD:</b>	O = Opposed Blade Damper	5404SDO-12x12-IN
<b>For the Universal R6:</b> <i>(NOTE: OBD not available on Universal model)</i>	R6 = Universal Molded Back	5404SD-R6
<b>Accessory Part:</b>	PAN = Directional Diffuser Panel Only	5400SD-06PAN A5400SD-06PAN (Aluminum)

## T-Bar Return Air Panels

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.

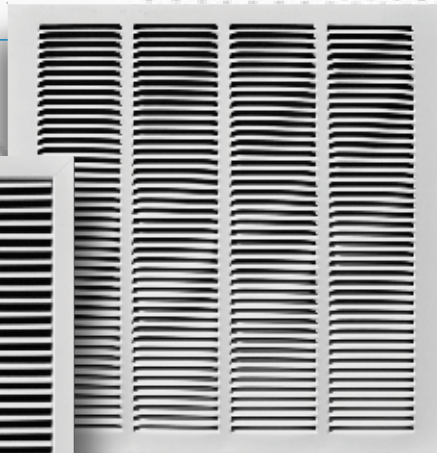
Each model is designed to be simple and flexible; ranging from the economy of stamped steel to the more luxurious and stylish look of aluminum egg crate. Several models offer a fully framed option, or select the Surface Mount Frame which works in a variety of installation configurations.



commercial

### Model 1110RG

*Stamped Steel Panel*



### Model 1210RG

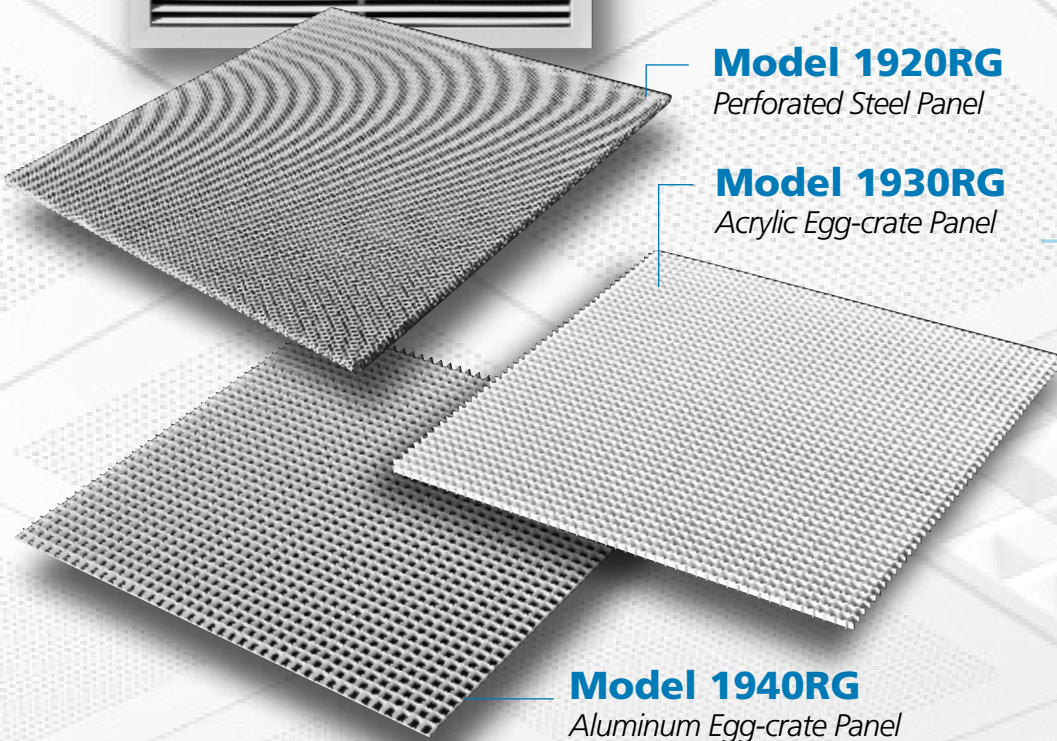
*Fixed Bar Panel*

### Model 1920RG

*Perforated Steel Panel*

### Model 1930RG

*Acrylic Egg-crate Panel*



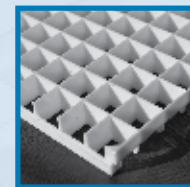
### Model 1940RG

*Aluminum Egg-crate Panel*

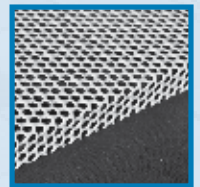
#### Features

- 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



Perforated Panel Detail

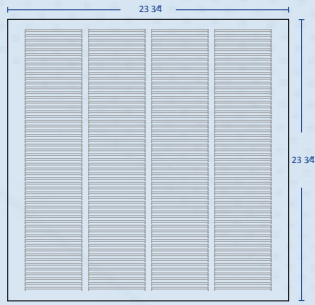


Aluminum Egg Crate



## Model 1110RG

- Stamped Steel Panel



## T-Bar Return Air Panel Options

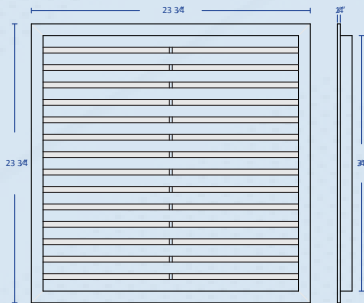
### Universal R6 Molded Fiberglass Back

(\*NOTE: The molded R6 back that is pictured here is Model A1210RG-MLD)



## Model 1210RG

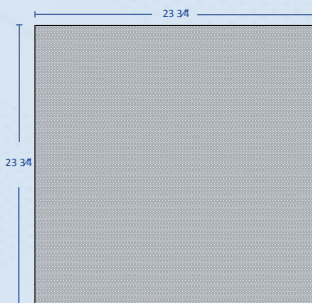
- Fixed Bar Panel



ORDERING HINTS			
FACE DESIGN	MATERIAL	SIZE	MODEL
Stamped	Steel	24 x 24	1110RG
Fixed Bar	Steel	24 x 24	1210RG
Fixed Bar	Aluminum	24 x 24	A1210RG
Fixed Bar	Aluminum w/R6 molded back	24 x 24	A1210RG-MLD
Perforated	Steel	12 x 24	1920RG-1
Perforated	Steel	24 x 24	1920RG-2
Perforated	Steel	24 x 48	1920RG-4
Egg Crate	Acrylic	12 x 24	1930RG-1
Egg Crate	Acrylic	24 x 24	1930RG-2
Egg Crate	Acrylic	24 x 48	1930RG-4
Egg Crate	Aluminum	12 x 24	1940RG-1
Egg Crate	Aluminum	24 x 24	1940RG-2
Egg Crate	Aluminum	24 x 48	1940RG-4

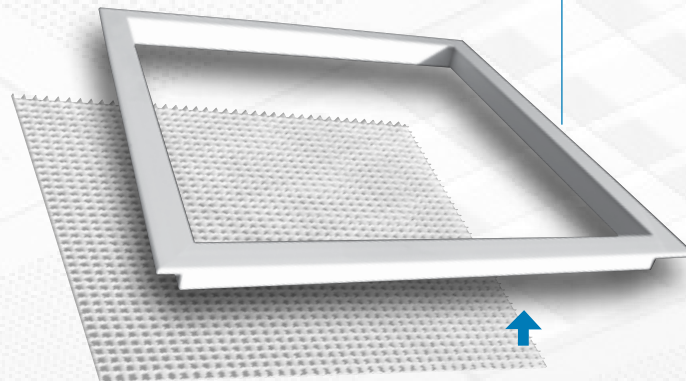
## Model 1920RG

- Perforated Steel Panel



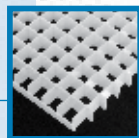
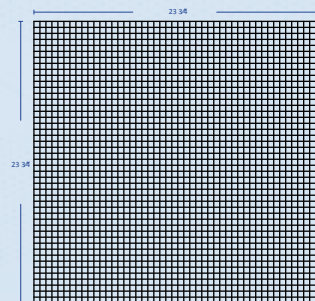
### EX-Frame Aluminum Surface Mount Frame

For use with any one of the T-Bar products where the ceiling is not a T-Bar ceiling. The adaptor frame allows you to insert whatever panel is desired.

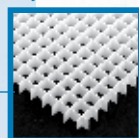


## Model 1930RG / Model 1940RG

- Acrylic or Aluminum Egg-crate Panels



Acrylic



Aluminum

## ACD24 Series

The Truair ACD Series Access Panel is the solution to an entire range of complications from installation to everyday use. The access doors for each panel have been segmented into three sections; each individually hinged. The center panel is only 20" wide, and swings down gently and easily for monthly filter change operations. All three panels are easily removable for easy and unrestricted access to the unit for servicing.

Both models feature our signature latch system which means they are really easy to use compared to traditional access doors which typically require the loosening of 6-8 thumbscrews to service or change the air filter.



### Features

- Unique Segmented Face design
- Easy filter access
- Completely removable panels
- Center panel is louvered or solid face
- Easy Truair Latch System



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

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

### Product Detail



1. All Panels Closed



SmoothGlide™ Latch Technology



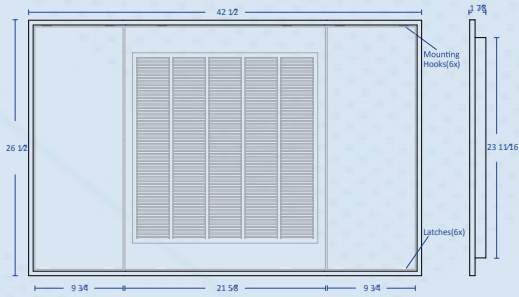
2. Center Panel Open



3. Center & Left Panel Open

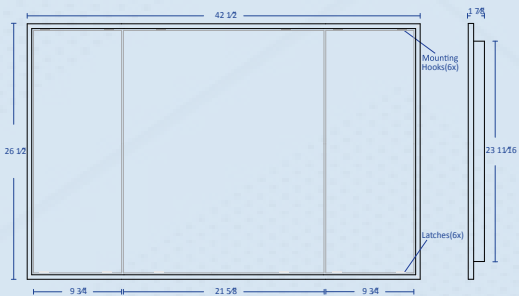
## Model ACD2440L

- Steel Louvered Face



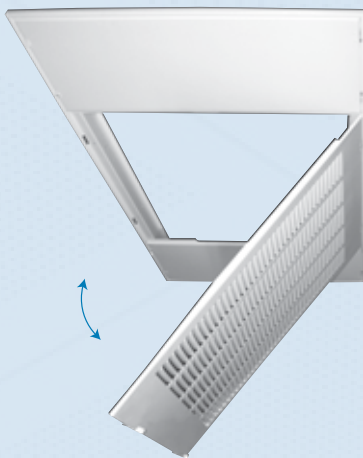
## Model ACD2440S

- Steel Solid Face



## Hinged Face Panel

- With SmoothGlide Technology Latch System



## ACD24 Series Options

### Model ACD2440L (Louvered)

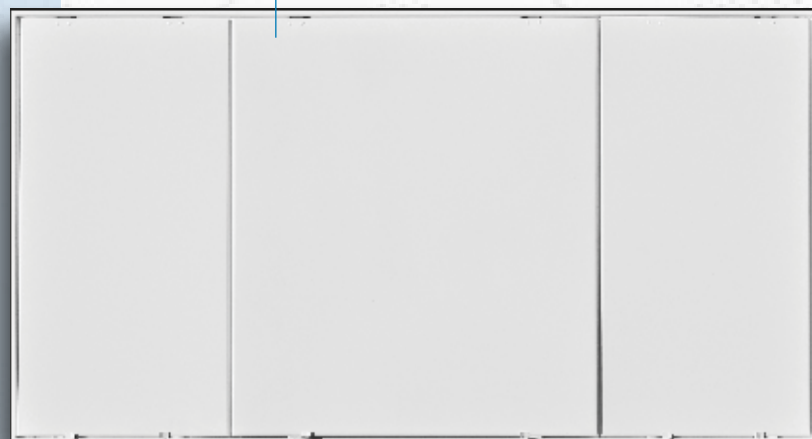
Louvered center panel is used for applications designed for direct return air.



*Shown in closed position*

### Model ACD2440S (Solid)

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



### Available Sizes:

- 24 x 40
- 24 x 46
- 24 x 52
- 24 x 60



## ORDERING HINTS

## DESCRIPTION

## Model Example

**Step 1:** Select the Base Model

Model ACD24

ACD24

**Step 2:** Select the Length Size

Choose from 40", 46", 52", or 60"

ACD2440

**Step 3:** Select the Face Design

L = **Louvered** Face

ACD2440**L**

S = **Solid** Face

ACD2440**S**

## Spiral Duct Series

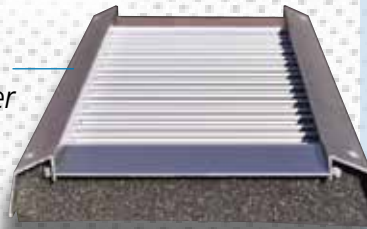
Spiral Duct Diffusers were born of the rustic exposed ceiling era in architectural design. Wherever air needs to leave ductwork and enter the conditioned space a hole is cut in the duct. A register is then attached for directional air control and aesthetics.

There are two ways to attach a virtually flat register to a round piece of pipe and Truair proudly features both styles. The Universal models utilize thick foam material to form to the round duct; while the saddle models more closely form to the pipe's round shape.



**Model SU1**  
Single Deflection

Profile View shown with foam perimeter



Compare to:	SU
Hart & Cooley	USV
Titus	US
Shoemaker	
Metal Aire	
Price	SDG
Krueger	DMG

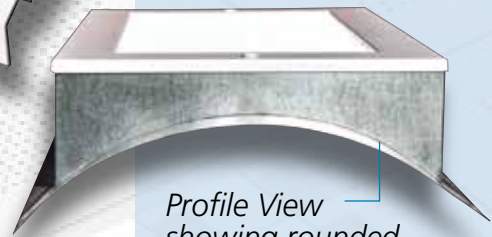
**Model SU2**  
Double Deflection

### Features

- Solid steel construction
- Adjustable vertical & horizontal blades
- Pristine white or aluminum finish
- Adjustable Scoop options
- Damper options
- Finish options

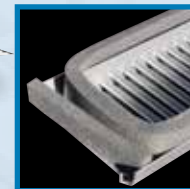
Galvanized Finish  
Double Deflection

Profile View showing rounded saddle style



**Model SD2**  
Saddle Type

### Product Detail



Reverse side of Universal Model showing thick foam

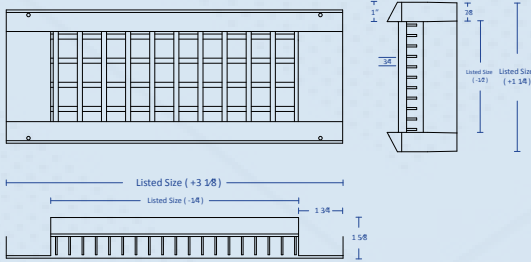
White Finish  
Double Deflection

## Model SU1

- Single Deflection

## Model SU2

- Double Deflection



Front Side



Thick Foam on Reverse Side

**1. Deflection:** The universal Model SU1 = Single SU2 = Double is available in Single Deflection or Double Deflection blade configurations.

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

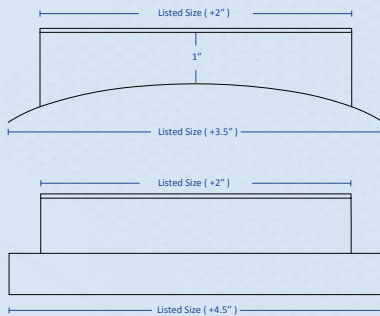
**3. Finish:** The SU model is an unfinished silver appearance to match the Spiral Ductwork.

## Model SD1

- Single Deflection

## Model SD2

- Double Deflection



Aluminum Finish

Powder-Coated White Finish

## Model SD1 & Model SD2 Options

**1. Deflection:** The Saddle Type Diffuser SD1 = Single SD2 = Double is available in either Single Deflection or Double Deflection blade configurations.

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

**3. Finish:** The SD models come standard in our white powder-coat finish. It is also available in an aluminum powder-coat finish to match the spiral ductwork.



Detail of Opposed Blade Damper

### ORDERING HINTS

### DESCRIPTION

### Example Model

#### Universal Mount Diffuser

Start with Base Model:  
Select Finish:  
ADD optional Scoop:

SU1 = Single Deflection SU2 = Double Deflection  
AF = Aluminum or WF = White Finish  
S = Scoop

SU1 or SU2  
SU1-WF  
SU1-S-WF

#### Available Sizes

10x6	16x8
12x6	18x6
14x6	18x8
14x8	24x6
16x6	30x6

#### Saddle Mounted Diffuser

Start with Base Model:  
Select Finish:  
ADD Options:

SD1 = Single Deflection SD2 = Double Deflection  
AF = Aluminum or WF = White Finish  
O = Opposed Blade Damper S = Scoop  
OS = Both OBD and Scoop

SD2  
SD2-WF  
SD2-O-WF  
SD2-OS-WF

# TRUaire *SmoothGlide*<sup>TM</sup> REGISTERS & GRILLES

COMPLETELY  
RE-ENGINEERED



HIGH QUALITY  
STEEL COMPONENTS

RIVETS INSTALLED  
**AFTER** ASSEMBLY  
FOR SMOOTHEST OPERATION

BLADE & LINKAGE COMPONENTS INDIVIDUALLY  
POWDER COATED **BEFORE** ASSEMBLY

## Tired of Register Problems?

Dampers that stick?

Products that rust or won't open?

Paint that flakes?

Dampers too loose?

HIGH QUALITY  
STEEL COMPONENTS

COMPLETELY  
RE-ENGINEERED



EASY-TO-USE FILTER GRILLE LATCH  
IS POWDER-COATED **BEFORE** INSTALLATION  
AND REQUIRES NO  
SCREWDRIVER TO OPEN

# TRUaire

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## REGISTERS & GRILLES<sup>TM</sup>

COMPARISON CHART							
TRUAIRE MODEL	PAGE #	HART & COOLEY	TITUS	SHOEMAKER	METAL AIRE	PRICE	KRUEGER
210VM	1	821		950VM			800V
A210VM	3						
220V	5	92VHO	300RS	934		520S	880V
220VO	5	92VHV	300RS-AG15	934-0	V4004SD	520DS	880VOBD
A220V	7		300FL	903			
270	9	94A	350RL	935	SRH	530L	580H
A270	9	RH45	350FL	905	RHE	60	5580H
290	11			920FG-1			
A290	11	RHF45	350FLF	900FG	RHEF	60FH	5580H-5FF
A520F	13	MCD	MCD-AA-1	MA	9000	AMCD-1	1200
A520B	13	MCDS	MCD-AA-6	MA		AMCD-6	
A540F	15	SRE	TDC-1	DVD	5500-M-1	SMD-1	SH
A540B	15	SRS	TDC-6		5500	SMD-6	
1010MAS	19	REMPS		110	7300		
1010MAR	19	RENP		111			
1020MAS	19	PDS			7550		
1020MAR	19	PDS	PAR				
1400CB	23	CBPS	PCS	825	7600	PDC	650
1444RG	23	CBPR	PDR	830		PDDR	
2000PD	25	DPD	OMNI	HL	5750	SPD	PLQ
2003CD	25	FPD	TMS	HVL	5700	SCD-3C	
2004CD	25	FPD3		HVD/FTD	5800	SCD-4C	1400
2600SC	27			104			
4010FG2	29	673T		105			
4010FG2-DB	29	673TPI					
4010FG2-MLD	29						
4020FG2	29	96ABFBT					
4020FG2-MLD	29	96ABFBTI					
4030FG2	29	PFT		105PFG		10FFT	
4030FG2-MLD	29	PFTI		106PFG			
4040FG2	29						
4050FG2	29	REF5T	50FF-3	600TFG	CC5FB-TB	80FF-TB	EGC5
4050FG2-DB	29	REF5TI					
5200CB	31		MCD		9000	AMCD	1200
A5200CB	31	MCDST	MCD-AA	700-MA			
5400SD	33	SRT	TDC	700	5500	SMD	SH23
A5400SD	33	ART	TDC-AA				
EX FRAME	36				TBPF		
SU1	39	USV	US301FS				DMGSU
SU2	39	USVH	US300FS			SDG-AL	DMGDU
SD1	39			SD52			
SD2	39			SD34			

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