



AMERICAN LOUVER COMPANY®



**STRATUS™**



**Innovative Solutions  
For Air Distribution**



**The Key To  
Corrosion  
Elimination**





## Plastic Diffusers & Grilles

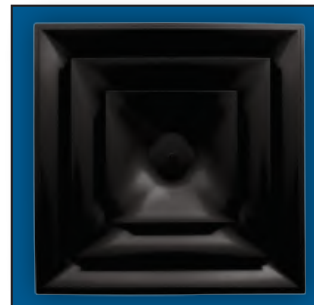
- No rust, no corrosion
- Won't fade or yellow
- Scratches don't show
- No painting or repainting
- Won't bend
- Mildew resistant
- Consistent smooth finish
- Indistinguishable from metal when installed

- Air flow consistent with metal
- Anti-static
- Resists sweating
- Flame Resistant
- Meets UL 94HB flame spread test
- Fire rated version available
- Meets UL 2043, Test for Fire, Heat, & Smoke for air handling spaces



**Stratus Diffusers: Cone & Plaque Styles**  
**T-grid, Lay-In**  
**Overall Size: 23 3/4" x 23 3/4"**  
**Composition: Engineered Polymers, Stainless Steel Screws**  
**Colors: White & Black, Custom colors with minimum order quantity**

Style	Part Number	Neck Duct Size	Color
Cone	STR-C-6W	6"	White
Cone	STR-C-8W	8"	White
Cone	STR-C-10W	10"	White
Cone	STR-C-12W	12"	White
Cone	STR-C-14W	14"	White
Cone	STR-C-6BK	6"	Black
Cone	STR-C-8BK	8"	Black
Cone	STR-C-10BK	10"	Black
Cone	STR-C-12BK	12"	Black
Cone	STR-C-14BK	14"	Black
Cone	STR-C-6TAN	6"	Tan
Cone	STR-C-8TAN	8"	Tan
Cone	STR-C-10TAN	10"	Tan
Cone	STR-C-12TAN	12"	Tan
Cone	STR-C-14TAN	14"	Tan
Plaque	STR-PQ-6W	6"	White
Plaque	STR-PQ-8W	8"	White
Plaque	STR-PQ-10W	10"	White
Plaque	STR-PQ-12W	12"	White
Plaque	STR-PQ-14W	14"	White
Plaque	STR-PQ-6BK	6"	Black
Plaque	STR-PQ-8BK	8"	Black
Plaque	STR-PQ-10BK	10"	Black
Plaque	STR-PQ-12BK	12"	Black
Plaque	STR-PQ-14BK	14"	Black

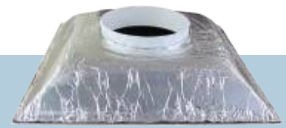


Both Styles Available in Black

Tan Available in Cone Style

**Add to Part Number**

- FR UL 2043 Fire Rating
- R6 Insulation Blanket, R6 Thermal Resistance



**Performance data available upon request.**



- 50% lighter than metal
- Extra tall neck - 2<sup>3</sup>/<sub>8</sub>"
- Commercial dishwasher safe



**Stratus Eggcrate Return Filter Grilles**  
**Round Collar Transition & 20" x 20" Square Duct Ready**  
**T-grid, Lay-In**  
**Overall Size: 23 3/4" x 23 3/4"**  
**1/2" x 1/2" x 1/2" Cubed Core**  
**Filter Size: 20" x 20" x 1" (measuring 19 1/2" x 19 1/2" x 7/8" or less)**  
**Composition: Engineered Polymers, Stainless Steel Screws**  
**Colors: White & Black, Custom colors with minimum order quantity**

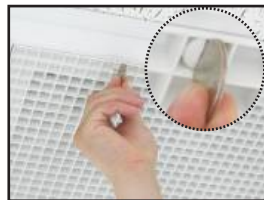
Style	Part Number	Neck Duct Size	Color
Round Collar	STR-ERFG-6W	6"	White
Round Collar	STR-ERFG-8W	8"	White
Round Collar	STR-ERFG-10W	10"	White
Round Collar	STR-ERFG-12W	12"	White
Round Collar	STR-ERFG-14W	14"	White
Round Collar	STR-ERFG-6BK	6"	Black
Round Collar	STR-ERFG-8BK	8"	Black
Round Collar	STR-ERFG-10BK	10"	Black
Round Collar	STR-ERFG-12BK	12"	Black
Round Collar	STR-ERFG-14BK	14"	Black
Sq. Duct Ready	STR-ERFG-W	20" x 20"	White
Sq. Duct Ready	STR-ERFG-BK	20" x 20"	Black
Sq. Duct Ready	STR-ERFG-TAN	20" x 20"	Tan

**Options:**

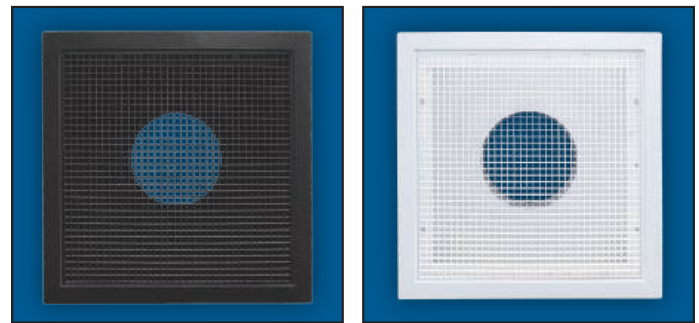
<b>Add to Part Number</b>	-FR	UL 2043 Fire Rating
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**EASY INSTALL & UPKEEP**

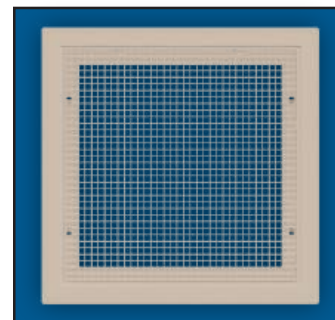
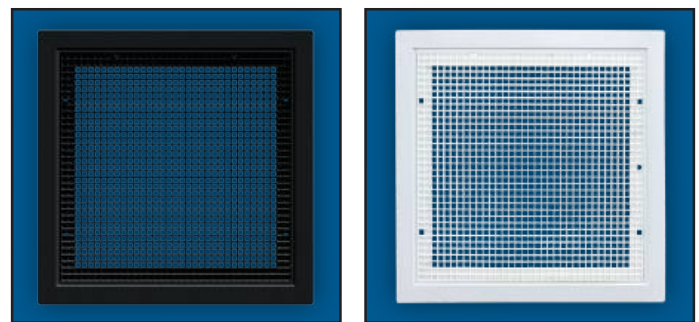
- ★ Hinged grille face drops down to:
  - quickly change filter
  - easy removal for cleaning



**Round Collar Transition Grille**



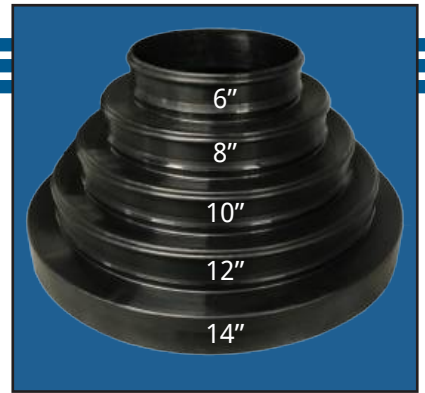
**20" x 20" Square Duct Ready Grille**





# Universal Reducer

Inventory 1 Size Instead of 5  
Snap It On & Convert Neck Size



## REDUCE INVENTORY

- Stock one neck size - 14"
- Scales down 14" neck to 6", 8", 10", or 12"
- Sold alone or in kits with 14" diffusers

## REDUCE PREP TIME

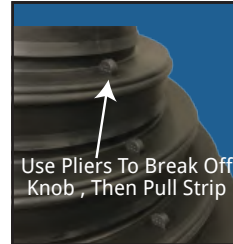
- No measuring & counting
- No running out of neck sizes
- Quickly adjust onsite with needle nose pliers

## REDUCE INSTALL TIME

- Snaps onto neck and holds tight
- Rigid plastic won't collapse during install

## REDUCE FRUSTRATION

- Unique Strapping Ridge prevents slip off when reducer is strapped onto duct



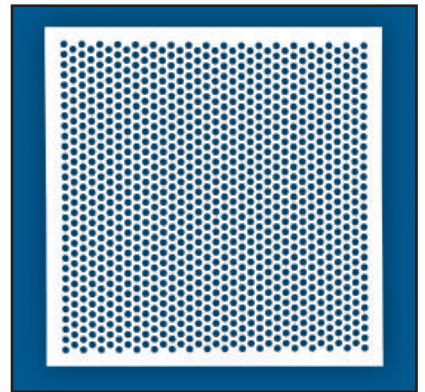
Part	Part Number	Color	Neck Size	Dimensions
Reducer 10 pack	STR-NRD-BK-10PKIT	Black	Fits 14"	14"W x 7.5"H
Kit: Cone Diffuser with Reducer	STR-C-W-NRD	White	6", 8", 10", 12", 14"	23 3/4" x 23 3/4"
Kit: Cone Diffuser with Reducer	STR-C-BK-NRD	Black	6", 8", 10", 12", 14"	23 3/4" x 23 3/4"
Kit: Plaque Diffuser with Reducer	STR-PQ-W-NRD	White	6", 8", 10", 12", 14"	23 3/4" x 23 3/4"
Kit: Plaque Diffuser with Reducer	STR-PQ-BK-NRD	Black	6", 8", 10", 12", 14"	23 3/4" x 23 3/4"
Kit: Cone Diffuser with Reducer	STR-C-TAN-NRD	Tan	6", 8", 10", 12", 14"	23 3/4" x 23 3/4"

**Option:**  
**Add to Part Number** -R6 for Insulation Blanket, R6 Thermal Resistance



# Plastic Perforated Panels

- Circular design creates stylish, modern look
- Consistent smooth finish
- Shipped with removable plastic film - keeps panels clean for installation



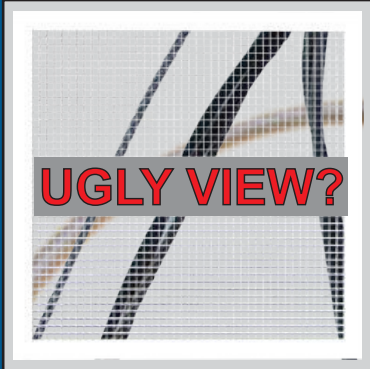
Perforated Panel in 3 sizes: 1/4", 3/8", 1/2"  
T-grid, Lay-In  
Overall Size: 23 3/4" x 23 3/4" Thickness: 1/16"  
Holes staggered 60°  
Composition: Engineered Polymers  
Colors: White

Style	Part Number	Color	Pitch	Open Area	Weight
1/4" Holes	STR-PERF-2214	White	9.5 mm	39%	1.3 lbs.
3/8" Holes	STR-PERF-2238	White	14 mm	42%	1.2 lbs.
1/2" Holes	STR-PERF-2212	White	18 mm	45%	1.1 lbs.

- No rust, no corrosion
- Won't fade or yellow
- Scratches don't show
- No painting or repainting
- Won't chip
- Mildew resistant
- Fits perfectly into 24" x 24" ceiling grid system
- Washable, remove and scrub clean
- Anti-static
- Resists sweating, lessens dust buildup
- Flame Resistant (Meets UL 94HB flame spread test)

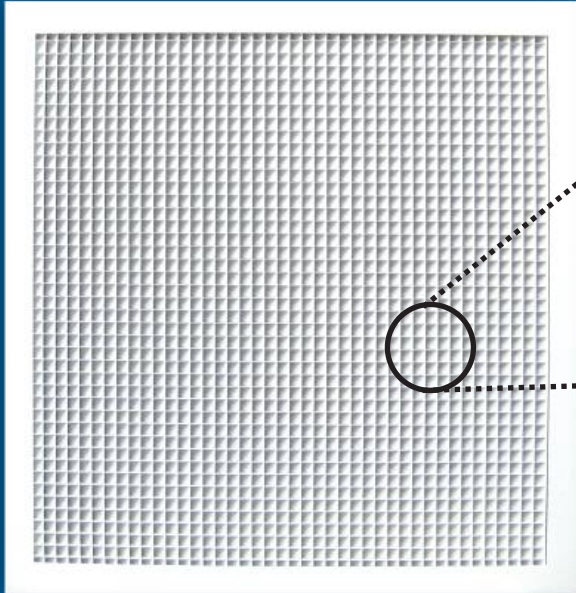
# Sight-Guard Grilles™

Hides Unsightly Objects in Walls and Ceilings From View

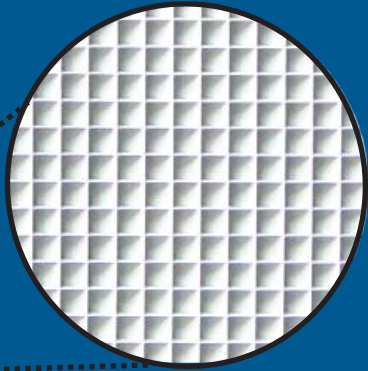


UGLY VIEW?

Traditional Eggcrate Grille



45° Angled Eggcrate

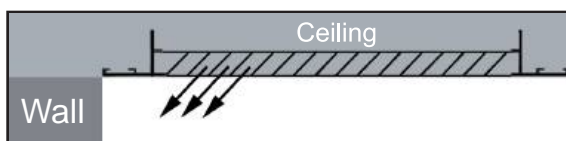


Sight-Guard prevents see through, from 3 directions

**T-grid, Lay-In**  
**Cell Size: 1/2" x 1/2" x 1/2"**  
**Composition: Aluminum**

Duct Size	Part Number	Overall Size	Neck Size	Color
10" x 10"	SG-10X10-RTW	11 3/4" x 11 3/4"	9 3/8" x 9 3/8"	White
10" x 22"	SG-10X22-RTW	11 3/4" x 23 3/4"	9 3/8" x 21 3/8"	White
22" x 22"	SG-22X22-RTW	23 3/4" x 23 3/4"	21 3/8" x 21 3/8"	White

- Blocks view of objects in walls and ceilings
- No secondary accessories needed
  - saves you time & money
- 92% free area, same as traditional eggcrate grilles
- Eggcrate is securely locked into unique "frame channel"
  - no rattling, squeaking, or vibrations
- All aluminum construction, strong frame and core
- Consistent smooth and even finish
  - electrostatically powder coated for hard finish
  - industry standard "British White"
- Sealed corner seams
  - no unsightly gaps or rough edges to collect dirt
- Micro-welded neck corners
- Individually shrink wrapped
  - keeps finish scratch-free and dust-free
- Corner guards protect against shipping damage
  - reducing returns and scrap



Install in ceiling with 45° angled blades pointing to nearest wall. When installing in walls, point blades toward the ceiling.

Performance data available upon request.

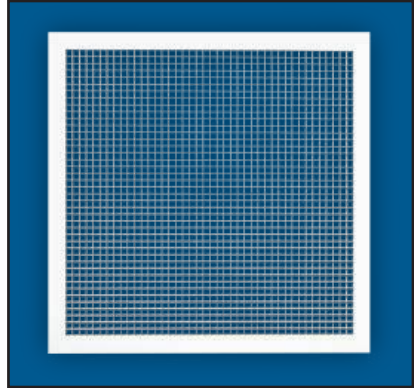
# Eggcrate Return Grilles

## Superior Grilles In Every Way



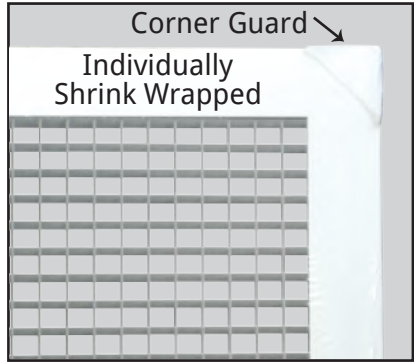
**Eggcrate Return Grilles**  
**T-grid, Lay-In & Surface Mount**  
**Composition: Aluminum**  
**Cell Size: 1/2" x 1/2" x 1/2"**  
**Colors: White**

Mount	Duct Size	Part Number	Overall Size	Neck Size	Color
Surface	12" x 12"	AG-12X12-RSW	13 3/4" x 13 3/4"	11 3/8" x 11 3/8"	White
T-grid	10" x 10"	AG-10X10-RTW	11 3/4" x 11 3/4"	9 3/8" x 9 3/8"	White
T-grid	10" x 22"	AG-10X22-RTW	11 3/4" x 23 3/4"	9 3/8" x 21 3/8"	White
T-grid	22" x 22"	AG-22x22-RTW	23 3/4" x 23 3/4"	21 3/8" x 21 3/8"	White
T-grid	22" x 46"	AG-22X46-RTW	23 3/4" x 47 3/4"	21 3/8" x 45 3/8"	White



### CONSTRUCTION & APPEARANCE

- Strong frame and core, all aluminum construction
- Electrostatically powder coated for a hard finish and strong adhesion
- Consistent appearance, no matching problems lot to lot
- Micro-welded neck corners
  - keep grille squared for each insertion
- Cells are squared and centered
  - balanced uniform appearance
- Sealed corner seams
  - no unsightly gaps or rough edges to collect dirt
- No ugly hold down tabs, nothing to show through grille
- Eggcrate locked into unique "frame channel"
  - no rattling, squeaking, or vibrations



### PACKAGING

- Individually shrink wrapped
  - keeps finish scratch-free and dust-free
- Corner guards protect against damage
  - reducing returns and scrap
- Shipped in master cartons of 10 - 40 grilles
  - this means fewer cartons, reducing your handling costs

## Plaster Frames

Used to install Lay-In Diffusers & Grilles in drywall or plaster

**Plaster Frames in 4 sizes**  
**Composition: Aluminum**  
**Colors: White**

Size	Part Number	Color
1' x 1'	ALPF1X1	White
1' x 2'	ALPF1X2	White
2' x 2'	ALPF2X2	White
2' x 4'	ALPF2X4	White



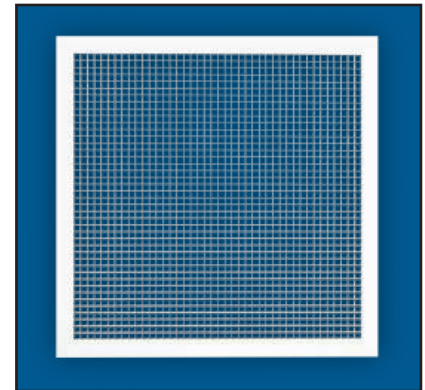
# Eggcrate Return Grilles

## Superior Grilles In Every Way



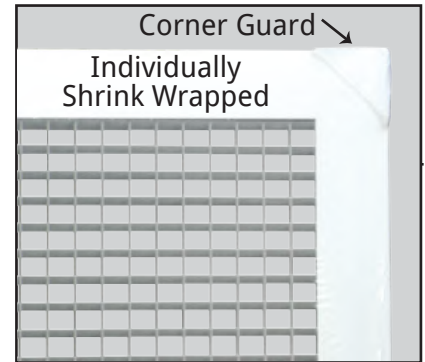
**Eggcrate Return Grilles**  
**T-grid, Lay-In & Surface Mount**  
**Composition: Aluminum**  
**Cell Size: 1/2" x 1/2" x 1/2"**  
**Colors: White**

Mount	Duct Size	Part Number	Overall Size	Neck Size	Color
Surface	6" x 6"	AG-6X6-RSW	7 3/4" x 7 3/4"	5 3/8" x 5 3/8"	White
Surface	8" x 8"	AG-8X8-RSW	9 3/4" x 9 3/4"	7 3/8" x 7 3/8"	White
Surface	10" x 10"	AG-10X10-RSW	11 3/4" x 11 3/4"	9 3/8" x 9 3/8"	White
Surface	12" x 12"	AG-12X12-RSW	13 3/4" x 13 3/4"	11 3/8" x 11 3/8"	White
T-grid	10" x 10"	AG-10X10-RTW	11 3/4" x 11 3/4"	9 3/8" x 9 3/8"	White
T-grid	10" x 22"	AG-10X22-RTW	11 3/4" x 23 3/4"	9 3/8" x 21 3/8"	White
T-grid	22" x 22"	AG-22x22-RTW	23 3/4" x 23 3/4"	21 3/8" x 21 3/8"	White
T-grid	22" x 46"	AG-22X46-RTW	23 3/4" x 47 3/4"	21 3/8" x 45 3/8"	White



### CONSTRUCTION & APPEARANCE

- Strong frame and core, all aluminum construction
- Electrostatically powder coated for a hard finish and strong adhesion
- Consistent appearance, no matching problems lot to lot
- Micro-welded neck corners
  - keep grille squared for each insertion
- Cells are squared and centered
  - balanced uniform appearance
- Sealed corner seams
  - no unsightly gaps or rough edges to collect dirt
- No ugly hold down tabs, nothing to show through grille
- Eggcrate locked into unique "frame channel"
  - no rattling, squeaking, or vibrations



### PACKAGING

- Individually shrink wrapped
  - keeps finish scratch-free and dust-free
- Corner guards protect against damage
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- Shipped in master cartons of 10 - 40 grilles
  - this means fewer cartons, reducing your handling costs

## Plaster Frames

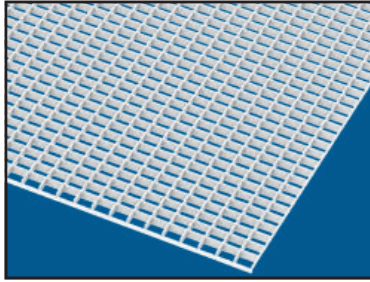
Used to install Lay-In Diffusers & Grilles in drywall or plaster

**Plaster Frames in 4 sizes**  
**Composition: Aluminum**  
**Colors: White**

Size	Part Number	Color
1' x 1'	ALPF1X1	White
1' x 2'	ALPF1X2	White
2' x 2'	ALPF2X2	White
2' x 4'	ALPF2X4	White

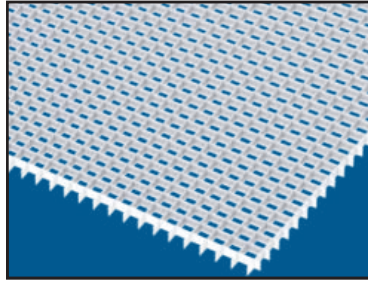


# Eggcrate Core



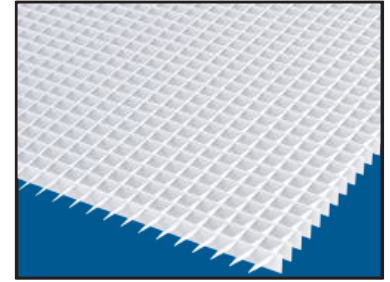
## Plastic Eggcrate

- White polystyrene
- Injection molded in single piece
- Durable and strong
- Reduces dust accumulation



## Aluminum Eggcrate

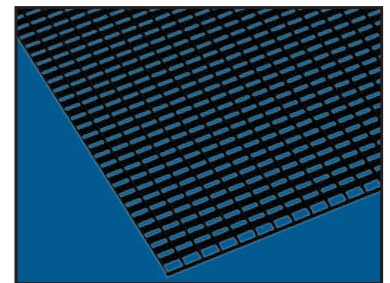
- White, black, and mill finish
- Available in various cell sizes
- Blade Thickness: .016" (.40 mm)



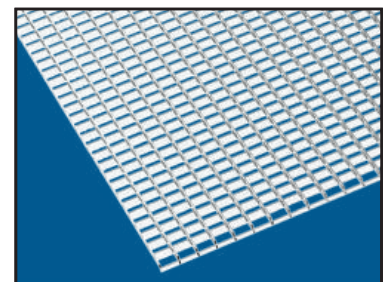
## Aluminum Sight-Guard™ Eggcrate

- 45° angled cubes prevent see through from 3 directions
- ½" x ½" x ½" cells

Cell Size	Part Number	Overall Size	Material	Color
½" x ½" x ½"	ALUMWHT2448	23 ¾" x 47 ¾"	Aluminum	White
½" x ½" x ½"	ALUMBLK2448	23 ¾" x 47 ¾"	Aluminum	Black
½" x ½" x ½"	ALUMMIL2448	23 ¾" x 47 ¾"	Aluminum	Mill
½" x ½" x ½"	ALUMWHT4848	48" x 48"	Aluminum	White
½" x ½" x ½"	ALUMMIL4848	48" x 48"	Aluminum	Mill
½" x ½" x ½"	ALUMWHT3060	29 ¾" x 59 ¾"	Aluminum	White
½" x ½" x ½"	ALUMMIL3060	29 ¾" x 59 ¾"	Aluminum	Mill
½" x ½" x 1"	ALUMMIL-155-2448	23 ¾" x 47 ¾"	Aluminum	Mill
1" x 1" x 1"	ALUMMIL-1-2448	23 ¾" x 47 ¾"	Aluminum	Mill
45° Angled Core	ALUMWHT-45-2448	23 ¾" x 47 ¾"	Aluminum	White
½" x ½" x ½"	E-10-2448	23 ⅝" x 47 ⅝"	Acrylic	White
½" x ½" x ⅜"	E-14-2448	23 ⅝" x 47 ⅝"	Acrylic	White
½" x ½" x ½"	E-20-2448	23 ⅝" x 47 ⅝"	Polystyrene	White
½" x ½" x ⅜"	TC-24-2448	23 ⅝" x 47 ⅝"	Polystyrene	White
½" x ½" x ⅜"	TC-24-2448-BK	23 ⅝" x 47 ⅝"	Polystyrene	Black
½" x ½" x ⅜"	TC-24-2448-S	23 ⅝" x 47 ⅝"	Polystyrene	Chrome



Plastic & Aluminum  
Also Available in Black



Plastic in Chrome

# Dampers

## Galvanized Steel Radial Dampers, Mill finish

Size	Part Number
6"	ALRD6
8"	ALRD8
10"	ALRD10
12"	ALRD12
14"	ALRD14





# Air Diverters

## Redirect air to increase comfort

- Fits between ceiling grid and diffuser
- easy to install
- No rust, no corrosion
- Washable



**Air Diverters for 24" x 24" Diffusers**  
T-grid, Lay-In  
Composition: Polystyrene  
Colors: White

Style	Part Number	Dimensions
Corner	STR-ADC-W	31"L x 16"W x 2 1/2"D
Side	STR-ADS-W	23 3/4"L x 12"W x 2 1/2"D

# Dust Deflectors

## Keep ceiling tiles clean

- Fits between ceiling grid and diffuser
- easy to install, rails install with slide on corner clips
- 1/2" W flange holds deflector in place
- No rust, no corrosion
- Washable



**Dust deflectors for 24" x 24" Diffusers**  
T-grid, Lay-In  
Composition: Acrylic  
Colors: Clear

Style	Part Number	Dimensions
Clear	STR-DD-C5PK	4 x (24"L x 2"D)



AMERICAN LOUVER COMPANY®

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American Louver Company was founded in 1954 by Walter Glass. The company began as the inventor and premier manufacturer of plastic parabolic louvers for fluorescent lighting fixtures. Through the years American Louver has used its expertise in plastics manufacturing to expand into many different markets, including HVAC, Traffic Safety, and Sign Frames.