AMERICAN LOUVER COMPANY®



STRATUS™

Innovative Solutions For Air Distribution



The Key To Corrosion Elimination

STRATUS™



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

NEW!
SMOKE & FIRE RATED
UL 2043

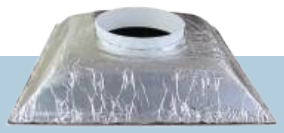
Stratus Diffusers: Cone & Plaque Styles
T-grid, Lay-In
Overall Size: 23 ¾" x 23 ¾"
Composition: Engineered Polymers, Stainless Steel Screws
Colors: White & Black, Custom colors with minimum order quantity

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.

STRATUS

- 50% lighter than metal
- Extra tall neck - 2⅜”
- Commercial dishwasher safe



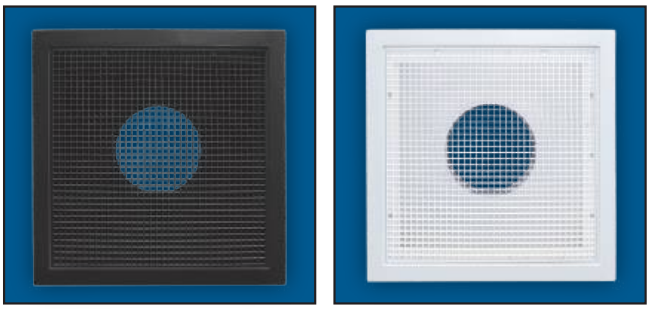
Stratus Eggcrate Return Filter Grilles
Round Collar Transition & 20” x 20” Square Duct Ready
T-grid, Lay-In
Overall Size: 23 ¾” x 23 ¾”
½” x ½” x ½” Cubed Core
Filter Size: 20” x 20” x 1” (measuring 19 ½” x 19 ½” x ⅞” or less)
Composition: Engineered Polymers, Stainless Steel Screws
Colors: White & Black, 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

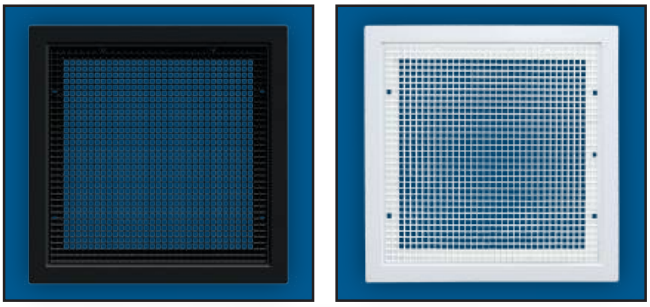
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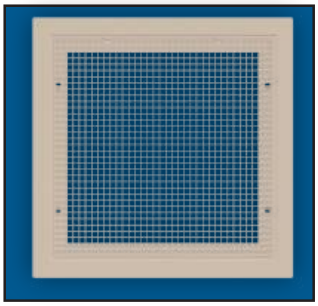
Add to Part Number	-FR	UL 2043 Fire Rating

Round Collar Transition Grille



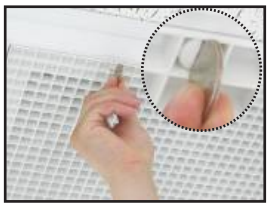
20” x 20” Square Duct Ready Grille





EASY INSTALL & UPKEEP

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



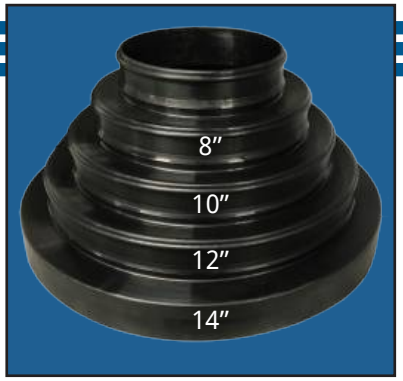




MADE IN THE USA

Universal Reducer

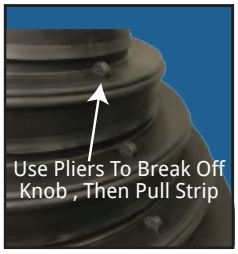
Inventory 1 Size Instead of 5
Snap It On & Convert Neck Size



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







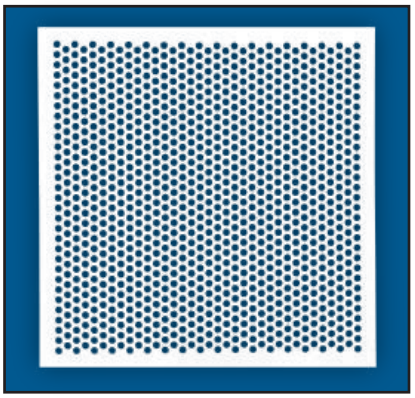
REDUCE INSTALL TIME
- Snaps onto neck and holds tight
- Rigid plastic won't collapse during install

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: ¼", ⅜", ½"
T-grid, Lay-In
Overall Size: 23 ¾" x 23 ¾" Thickness: 1/16"
Holes staggered 60°
Composition: Engineered Polymers
Colors: White

- 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)

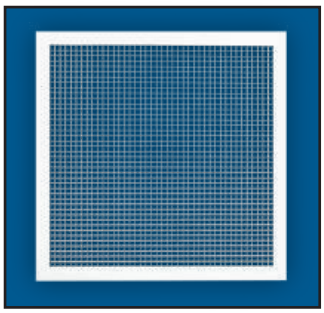
Style	Part Number	Color	Pitch	Open Area	Weight
¼" Holes	STR-PERF-2214	White	9.5 mm	39%	1.3 lbs.
⅜" Holes	STR-PERF-2238	White	14 mm	42%	1.2 lbs.
½" Holes	STR-PERF-2212	White	18 mm	45%	1.1 lbs.

Eggcrate Return Grilles

Superior Grilles In Every Way



Eggcrate Return Grilles
T-grid, Lay-In & Surface Mount
Composition: Aluminum
Cell Size: ½" x ½" x ½"
Colors: White



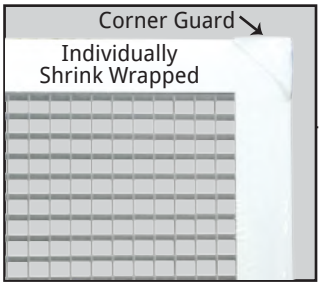
Mount	Duct Size	Part Number	Overall Size	Neck Size	Color
Surface	12" x 12"	AG-12X12-RSW	13 ¾" x 13 ¾"	11 ⅜" x 11 ⅜"	White
T-grid	10" x 10"	AG-10X10-RTW	11 ¾" x 11 ¾"	9 ⅜" x 9 ⅜"	White
T-grid	10" x 22"	AG-10X22-RTW	11 ¾" x 23 ¾"	9 ⅜" x 21 ⅜"	White
T-grid	22" x 22"	AG-22x22-RTW	23 ¾" x 23 ¾"	21 ⅜" x 21 ⅜"	White
T-grid	22" x 46"	AG-22X46-RTW	23 ¾" x 47 ¾"	21 ⅜" x 45 ⅜"	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



Dampers

Galvanized Steel Radial Dampers, Mill finish

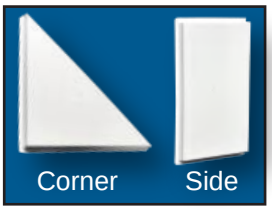


Size	Part Number
6"	ALRD6
8"	ALRD8
10"	ALRD10
12"	ALRD12
14"	ALRD14

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 ½"D
Side	STR-ADS-W	23 ¾"L x 12"W x 2 ½"D

Dust Deflectors

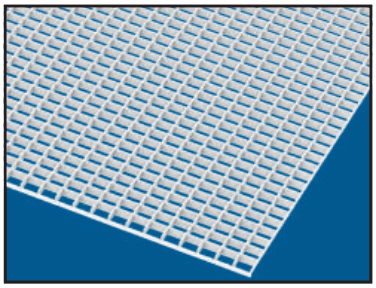
Keep ceiling tiles clean

- Fits between ceiling grid and diffuser
  - easy to instal
  - rails install with slide on corner clips
  - ½" W flange holds deflector in place
- Washable

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

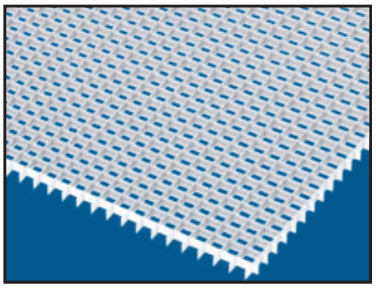
Style	Part Number	Dimensions
Clear	STR-DD-C5PK	4 x (24"L x 2"D)

Eggcrate Core



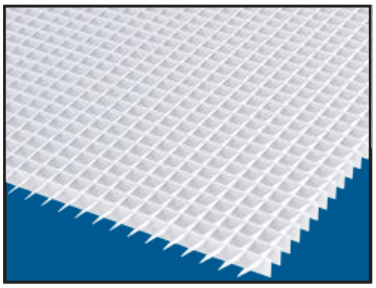
Plastic Eggcrate

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



Aluminum Eggcrate

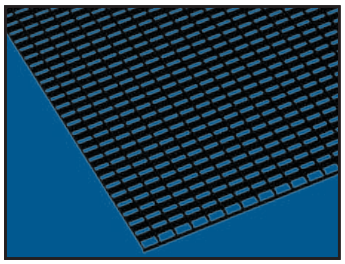
- White, black, and mill finish
- Available in various cell sizes
- Blade Thickness: .016" (.40 mm)



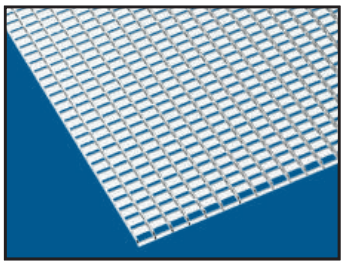
Aluminum Sight-Guard™ Eggcrate

- 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



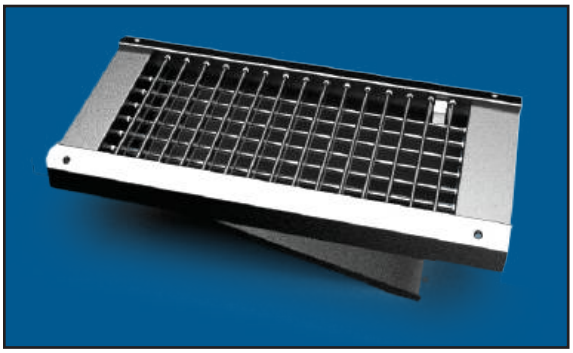
Plastic & Aluminum
Also Available in Black



Plastic in Chrome

Spiral Duct Grilles

Built For Exposed Duct Sytems
Engineered forFor Quiet Airflow



FUNCTION & PERFORMANCE
- Spiral duct-ready – Efficient airflow with low pressure drop
- Optimized blades – ¾" spacing for smooth, directional air
- Adjustable air scoop
  - control throw and deflection (rod or cable)
- Sealed fit – Foam gasket minimizes leaks and rattling
- Sized to duct – Fits 8" to 41"+ diameters
- Rigid frame – holds shape under pressure
- Low noise – Designed for quiet, stable performance
- Suitable for supply or return applications

APPEARANCE & PACKAGING
- Low-profile design
  - clean, modern look for exposed ductwork
- All-aluminum construction with mill finish
- Lightweight, durable, and corrosion-resistant
- Tight tolerances – Held to ±1/32" for precise fit
- Individually boxed
- Quick install, pre-assembled and jobsite ready

Part Number	Neck Size (LxW)	Fits Duct Size	Overall Size
SSP-14X3-M	14" x 3"	6" - 11"	17 1/8" x 4 1/4"
SSP-10X4-MP	10" x 4"	8" - 13"	13 1/8" x 5 1/4"
SSP-12X4-MP	12" x 4"	8" - 13"	15 1/8" x 5 1/4"
SSP-14X4-MP	14" x 4"	8" - 13"	17 1/8" x 5 1/4"
SSP-16X4-MP	16" x 4"	8" - 13"	19 1/8" x 5 1/4"
SSP-18X4-MP	18" x 4"	8" - 13"	21 1/8" x 5 1/4"
SSP-20X4-MP	20" x 4"	8" - 13"	23 1/8" x 5 1/4"
SSP-24X4-MP	24" x 4"	8" - 13"	27 1/8" x 5 1/4"
SSP-10X6-MP	10" x 6"	14" - 21"	13 1/8" x 7 1/4"
SSP-12X6-MP	12" x 6"	14" - 21"	15 1/8" x 7 1/4"
SSP-14X6-MP	14" x 6"	14" - 21"	17 1/8" x 7 1/4"
SSP-16X6-MP	16" x 6"	14" - 21"	19 1/8" x 7 1/4"
SSP-18X6-MP	18" x 6"	14" - 21"	21 1/8" x 7 1/4"
SSP-20X6-MP	20" x 6"	14" - 21"	23 1/8" x 7 1/4"
SSP-24X6-MP	24" x 6"	14" - 21"	27 1/8" x 7 1/4"
SSP-14X8-MP	14" x 8"	22" - OVER	17 1/8" x 9 1/4"
SSP-16X8-MP	16" x 8"	22" - OVER	19 1/8" x 9 1/4"
SSP-18X8-MP	18" x 8"	22" - OVER	21 1/8" x 9 1/4"
SSP-20X8-MP	20" x 8"	22" - OVER	23 1/8" x 9 1/4"
SSP-24X8-MP	24" x 8"	22" - OVER	27 1/8" x 9 1/4"

Duct Dia.	Recommended Grille Width
8" - 13"	4"
14" - 21"	4" - 6"
22" - 31"	4" - 8"
32" - 41"	4"- 10"
42" and above	4" - 12"

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