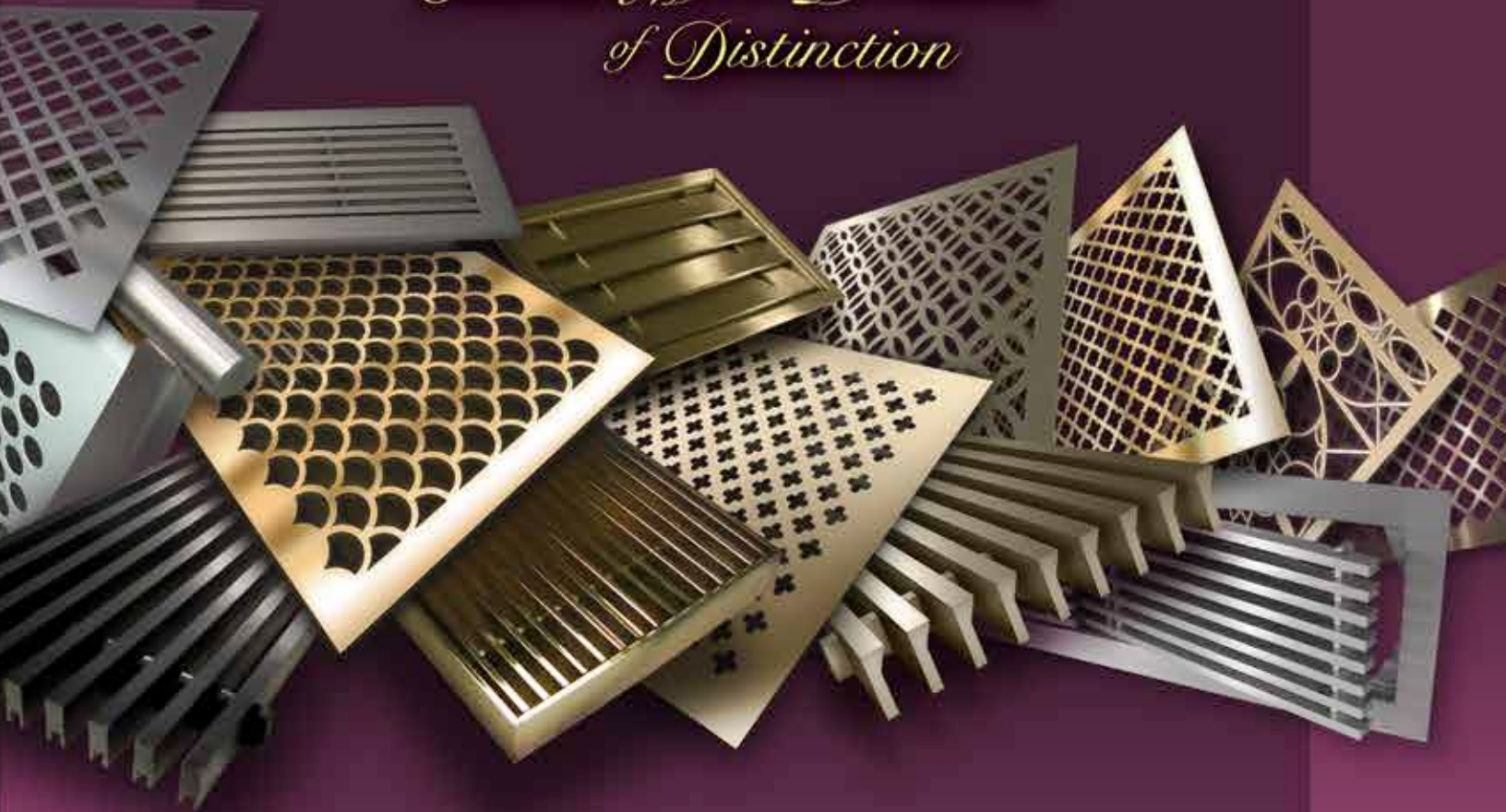




COCO ARCHITECTURAL
GRILLES • METALCRAFT

*Custom Metal Products
of Distinction*



2 0 1 4 E D I T I O N

Custom Metal Manufacturing:

A FAMILY LEGACY

In the early 1900's, an expert metal craftsman named Rosario Coco departed his hometown in Italy to pursue opportunities in The United States of America. Along with his family, Rosario brought with him the knowledge of his trade which made him successful. In addition to the metalworking skills that were forged by Rosario over his career, there was another component that added the element of distinction to all he created - it was the enduring passion for excellence in everything he did. It did not matter if he was turning down a part on an engine lathe or polishing one of his custom castings; whatever the manufacturing process, the zeal of an old-world artisan was poured into it.

The year 1909 brought about the inception of Coco Brothers Inc., a custom metal fabricating business that focused on exceptional Brass and Bronze ornamental metal products. Under the tutelage of Rosario, younger brothers Joseph and Jacob also developed into skilled tradesmen and became the head of a sales force that enjoyed incredible growth up until The Great Depression. In 1927, Coco Brothers Inc. launched a specialized catalogue of custom metal products including Votive Candelabras, Sanctuary Lamps and Communion Rails for church buildings across the country. Another major manufacturing milestone was reached by Coco Brothers Inc. with the introduction of the first Shower Door in Polished Brass which included its own custom ventilation grille. Featured from the late 1920's and throughout the 1930's, the Coco Brass Shower Door was a concept that was universally adopted by all of the upscale New York City Hotels and exclusive residences.

As Rosario neared the end of his career, his son Santi was next in line to continue the family business. Santi Coco added an infectious personality and a flare for conducting business to his skill as a metal craftsman. Under his leadership, Coco Brothers Inc. evolved into Coco Brasscraft, Inc. and continued to thrive in the custom fabrication of distinctive Brass and Bronze metalwork. The business included a highly successful division of metal polishing and restoration services to its clients as well.

As Santi's only son, Jim Coco, was next in line to carry on the

family business and ultimately achieve new levels of success. After growing up in the business and learning everything hands-on, Jim Coco Sr. was at the helm from the early 1970's operating under the new business name JC Enterprises; the parent corporation to Coco Architectural Grilles & Metalcraft. Throughout his tenure, Jim utilized the skills and knowledge passed on from the generations before and his own experience to expand into new markets including Architectural Metalwork, Brass, Bronze and Stainless Steel Furniture, and exquisite Display Fixtures for retailers seeking the highest quality products. In fact, Jim Coco's shop was well known for setting the standard for Mirror Polished finishes throughout the 1980's for home furnishings such as Brass Beds, Tea Carts and Tables as well as commercial products such as T-Stands, Racks and Railings. Our notable list of clients included Disney, Victoria Secret, Ralph Lauren Polo, Pace Furniture, and Cumberland Furniture.

To this day, Jim Coco Sr. works along side the successive generation to the family legacy, James Coco Jr. As the second child and first of three son's, James Coco is following in the footsteps of his forefathers and is dedicated to building upon the success of the past. It was James' vision to expand the business into the Architectural Grille market in 2005 with the founding and initial launch of Advanced Architectural Grilles (www.advancedgrilles.com). With pride in what the Coco name has accomplished in the industry and the humility of understanding what it takes to get there, James continues to preside over all his business responsibilities with the same passion for excellence that would make Rosario proud.

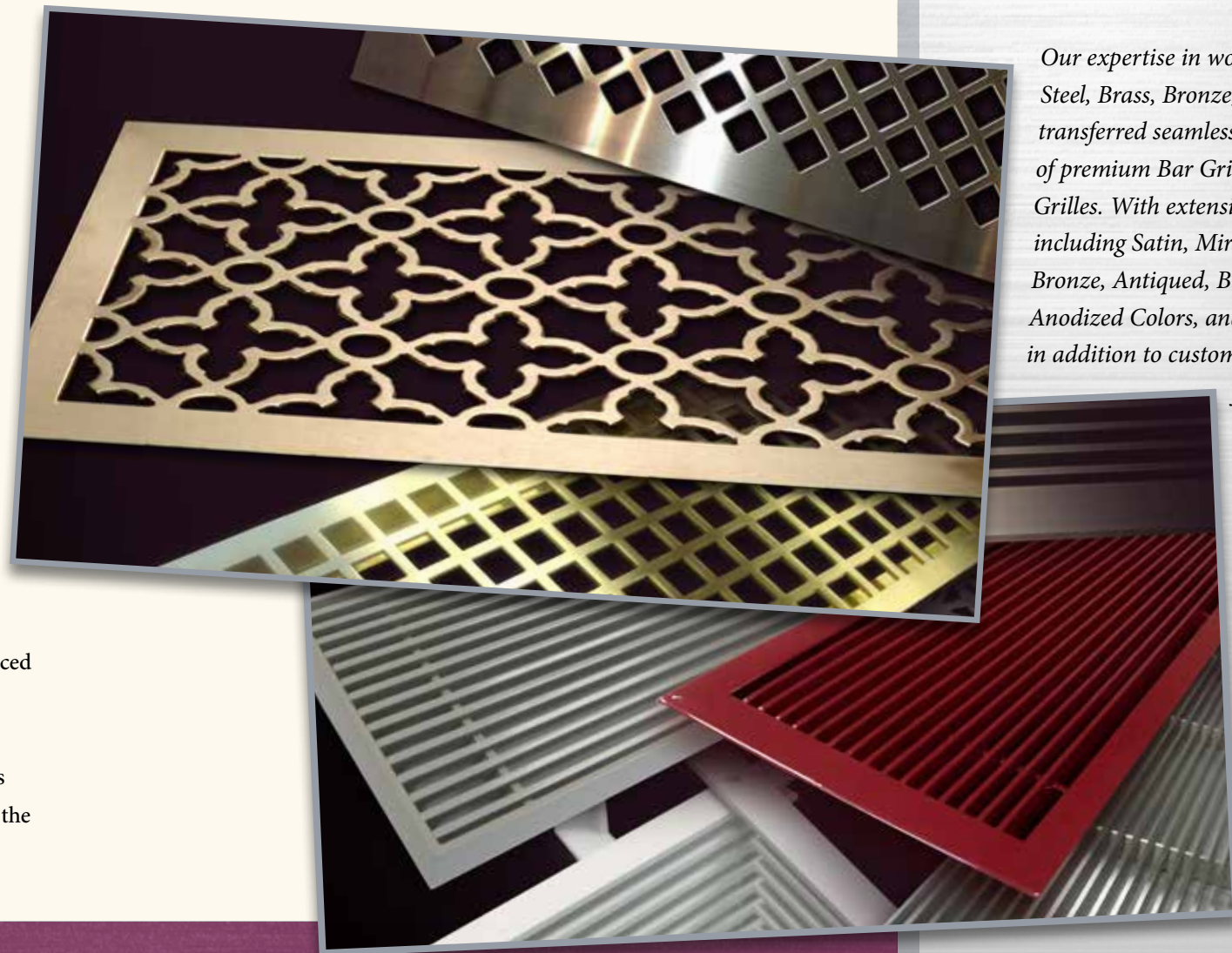


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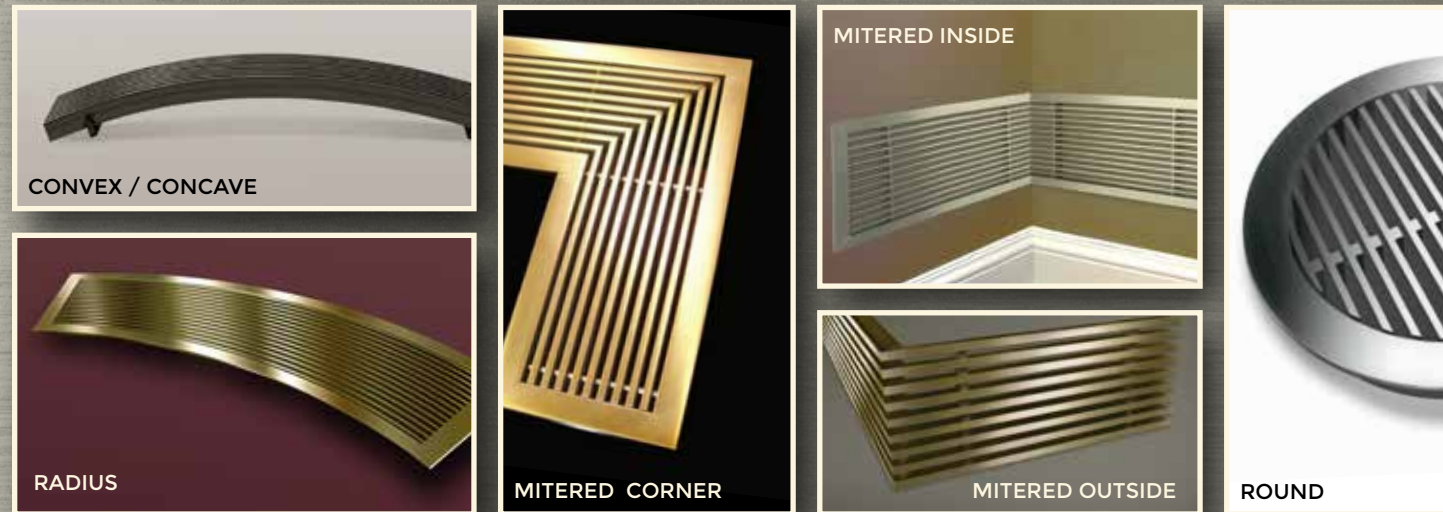
Coco Architectural Grilles & Metalcraft has been a cornerstone in the upscale custom metal fabrication industry for over a century. Our diverse knowledge of manufacturing and finishing methods in addition to design and engineering adeptness affords our clients exceptional workmanship on each and every project. A commitment to customer service excellence is part of our corporate culture and has set a new standard that is unsurpassed.

The Architectural Grille division, although a Coco product offering for many decades, became a focus in 2005 as a response to the needs of our most demanding customers. After years of furnishing the premier Architects, Designers, Contractors and Institutions with a variety of hand crafted metal products, Linear Bar Grilles and Perforated Sheet Metal Grilles evolved into a significant interest.



Our expertise in working with Stainless Steel, Brass, Bronze, Aluminum and Steel transferred seamlessly to the production of premium Bar Grilles and Perforated Grilles. With extensive finishing options including Satin, Mirror Polished, Statuary Bronze, Antiqued, Blackened Bronze, Anodized Colors, and Baked Enamel Colors in addition to customized fabrication options for unique installations, our offerings are only limited by your job requirements.

Contact us today for expert advice on your Linear Bar Grille, Perforated Grille, or any other custom fabricated metal requirements.



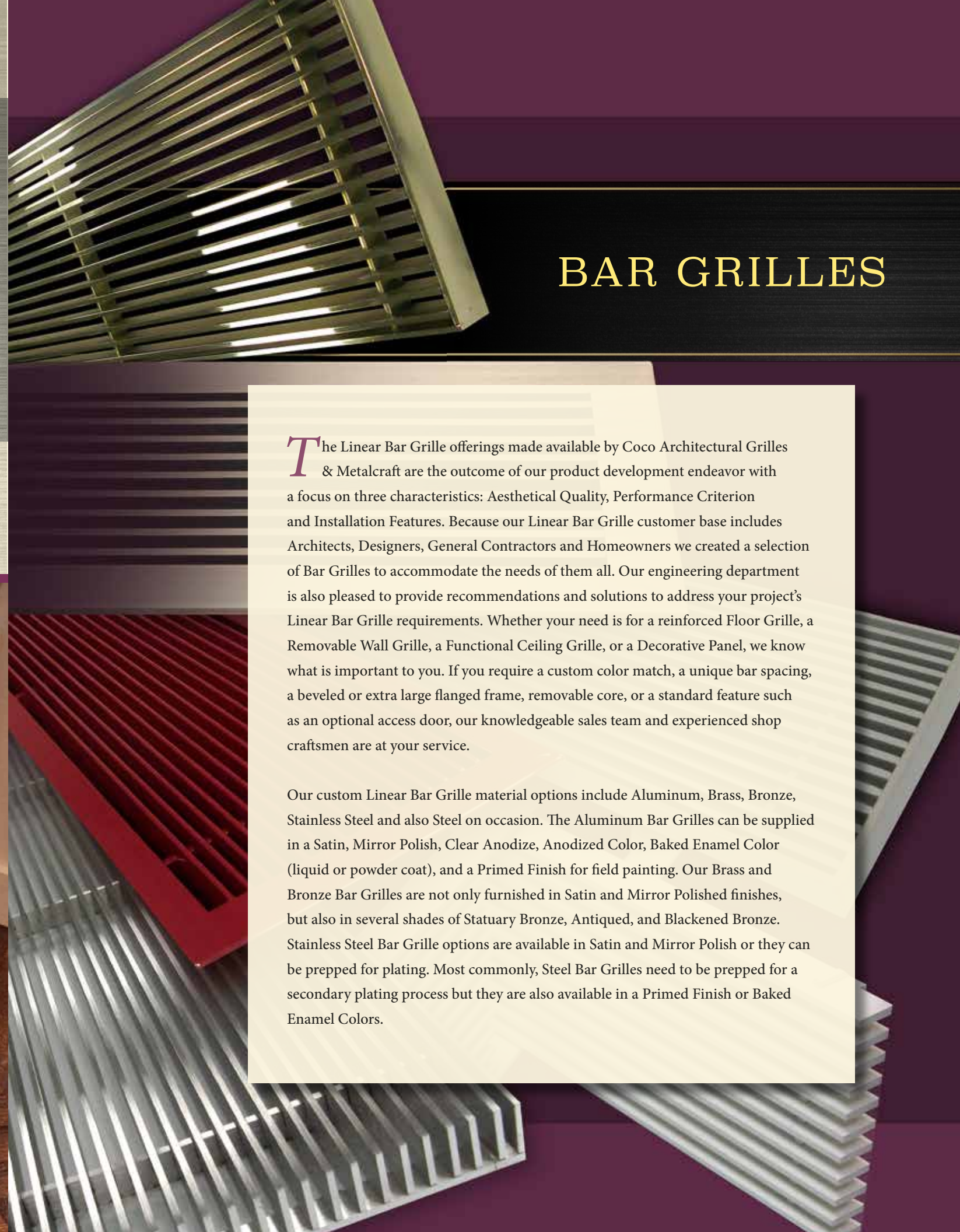
This exclusive High-End Residential project highlights some of our capabilities and options that we offer. The general contractor required a number of flangeless linear bar grilles with access doors and custom paint colors to match the convector enclosures which were painted on site. Our Linear Bar Grille model CA400 A Frame with 8" Access Doors was specified and furnished with the perfect color match for each room.

BAR GRILLES

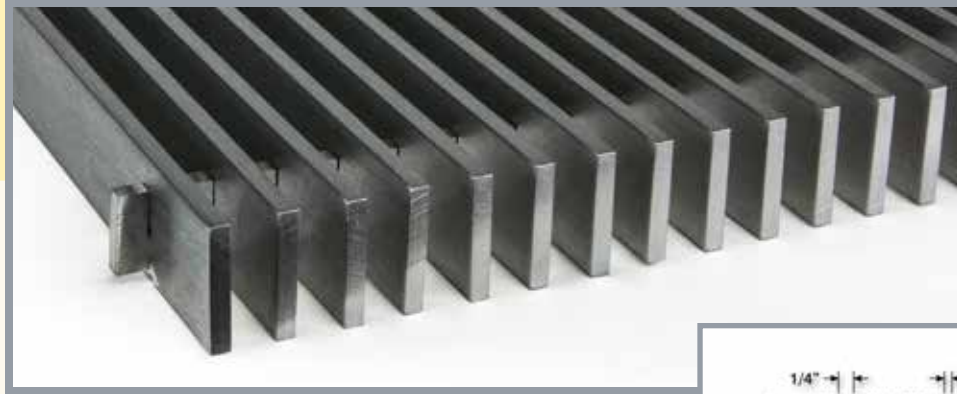
The Linear Bar Grille offerings made available by Coco Architectural Grilles & Metalcraft are the outcome of our product development endeavor with a focus on three characteristics: Aesthetical Quality, Performance Criterion and Installation Features. Because our Linear Bar Grille customer base includes Architects, Designers, General Contractors and Homeowners we created a selection of Bar Grilles to accommodate the needs of them all. Our engineering department is also pleased to provide recommendations and solutions to address your project's Linear Bar Grille requirements. Whether your need is for a reinforced Floor Grille, a Removable Wall Grille, a Functional Ceiling Grille, or a Decorative Panel, we know what is important to you. If you require a custom color match, a unique bar spacing, a beveled or extra large flanged frame, removable core, or a standard feature such as an optional access door, our knowledgeable sales team and experienced shop craftsmen are at your service.

Our custom Linear Bar Grille material options include Aluminum, Brass, Bronze, Stainless Steel and also Steel on occasion. The Aluminum Bar Grilles can be supplied in a Satin, Mirror Polish, Clear Anodize, Anodized Color, Baked Enamel Color (liquid or powder coat), and a Primed Finish for field painting. Our Brass and Bronze Bar Grilles are not only furnished in Satin and Mirror Polished finishes, but also in several shades of Statuary Bronze, Antiqued, and Blackened Bronze. Stainless Steel Bar Grille options are available in Satin and Mirror Polish or they can be prepped for plating. Most commonly, Steel Bar Grilles need to be prepped for a secondary plating process but they are also available in a Primed Finish or Baked Enamel Colors.

*Specialty
Bar Grilles*



CA100 LINEAR BAR GRILLE



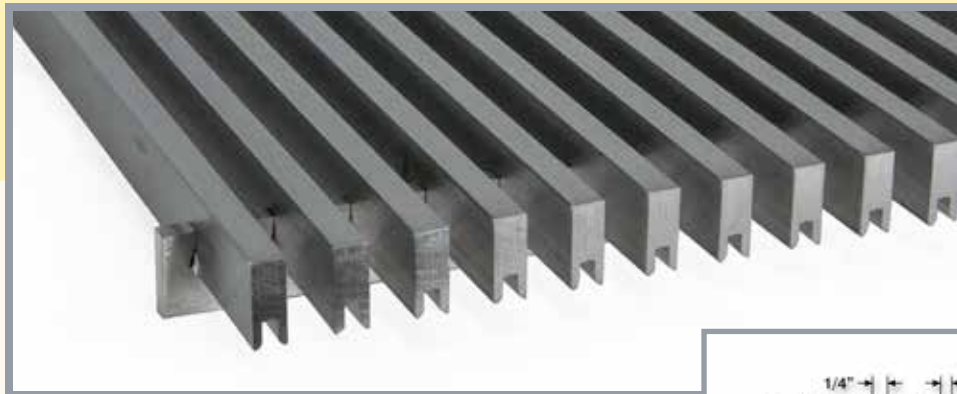
Product Specifications

- 0 Degree Deflection - 65% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Fully Welded Construction for Maximum Durability
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed
- Brass - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Bronze - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Stainless Steel - Satin, Mirror Polished (top only or all visible surfaces), Blackened

CA110 LINEAR BAR GRILLE



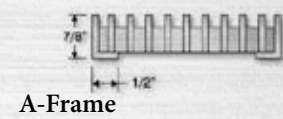
Product Specifications

- 0 Degree Deflection - 55% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Press-Locked & Weld Reinforced
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

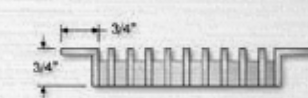
Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed

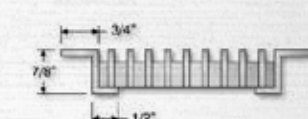
Frame Styles



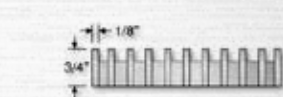
A-Frame



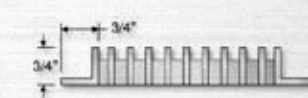
B-Frame



C-Frame

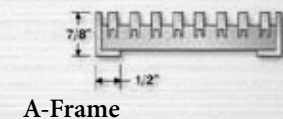


D-Frame (Band Frame)



E-Frame

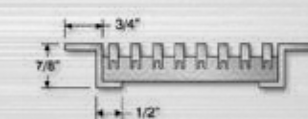
Frame Styles



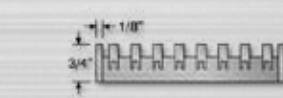
A-Frame



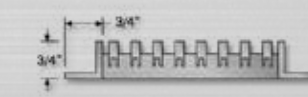
B-Frame



C-Frame

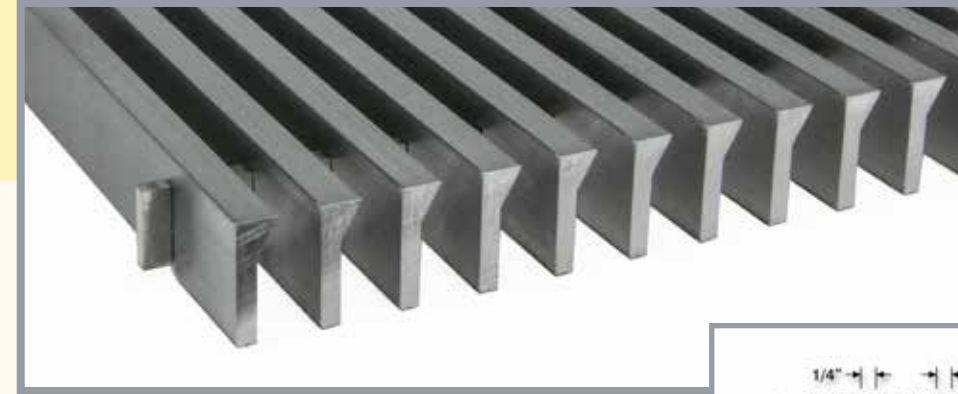


D-Frame (Band Frame)



E-Frame

CA200 LINEAR BAR GRILLE



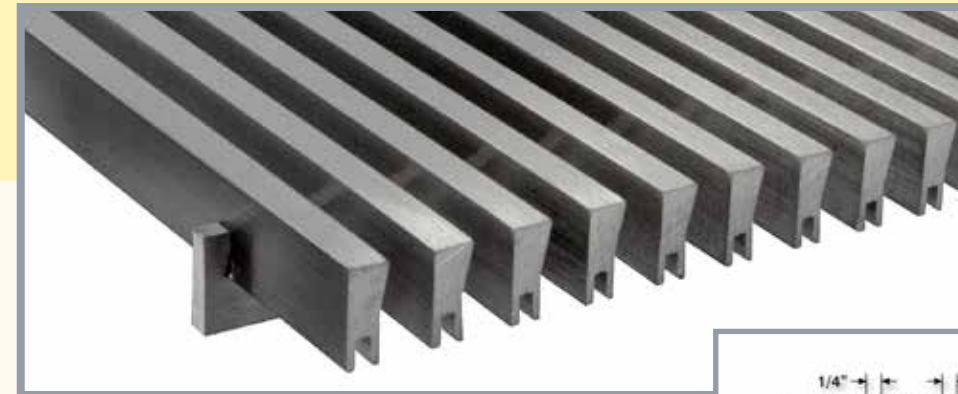
Product Specifications

- 30 Degree Deflection - 49% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Fully Welded Construction for Maximum Durability
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed
- Brass - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Bronze - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed

CA220 LINEAR BAR GRILLE



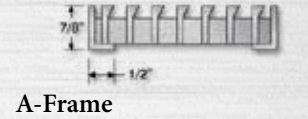
Product Specifications

- 15 Degree Deflection - 49% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Press-Locked & Weld Reinforced
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

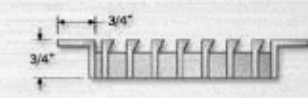
Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed

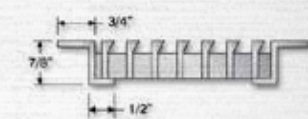
Frame Styles



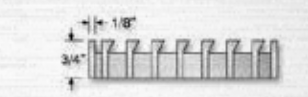
A-Frame



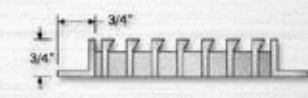
B-Frame



C-Frame

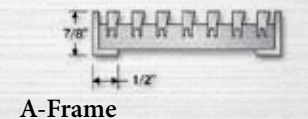


D-Frame (Band Frame)

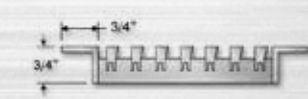


E-Frame

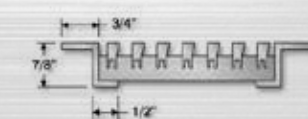
Frame Styles



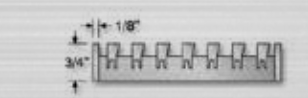
A-Frame



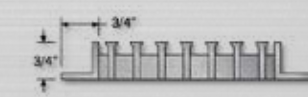
B-Frame



C-Frame

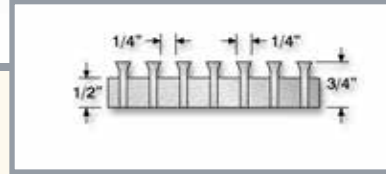
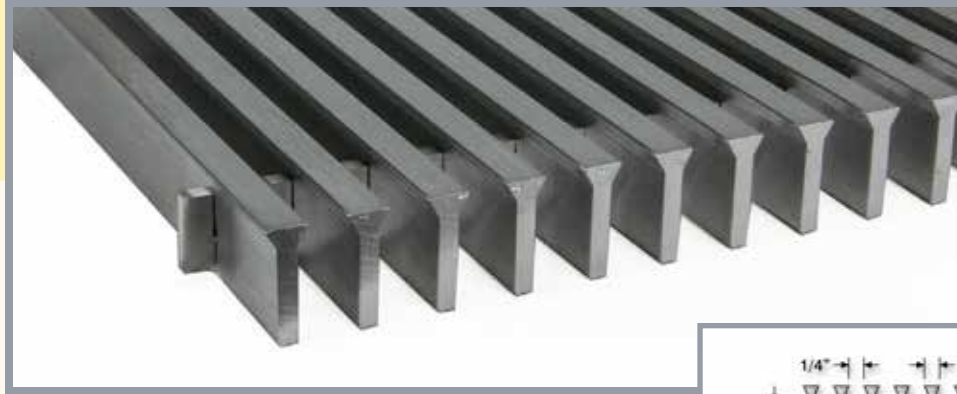


D-Frame (Band Frame)



E-Frame

CA300 LINEAR BAR GRILLE



CORE GRILLE

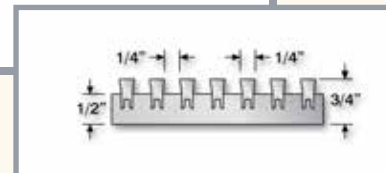
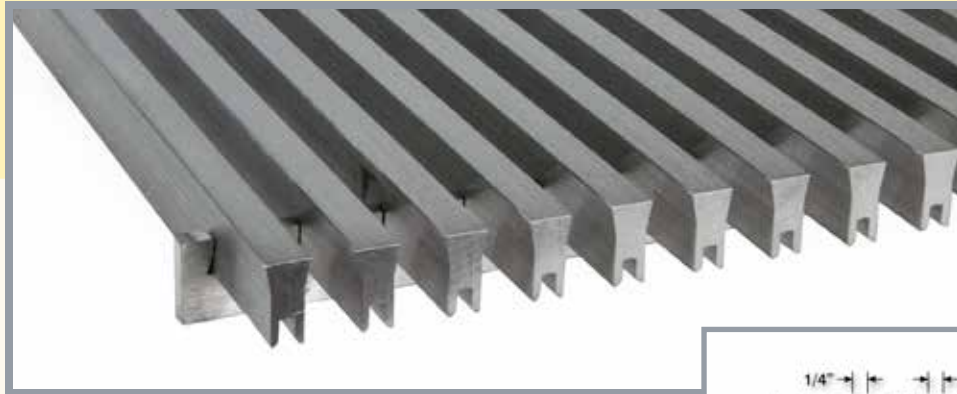
Product Specifications

- 0 Degree Deflection - 49% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Fully Welded Construction for Maximum Durability
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed
- Brass - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Bronze - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed

CA330 LINEAR BAR GRILLE



CORE GRILLE

Product Specifications

- 0 Degree Deflection - 49% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Press-Locked & Weld Reinforced
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

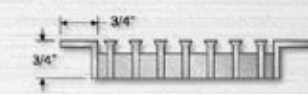
Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed

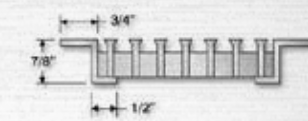
Frame Styles



A-Frame



B-Frame



C-Frame

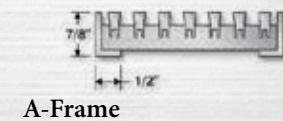


D-Frame (Band Frame)



E-Frame

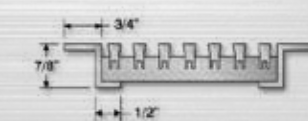
Frame Styles



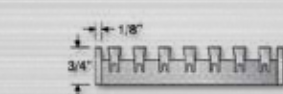
A-Frame



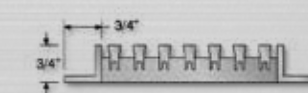
B-Frame



C-Frame

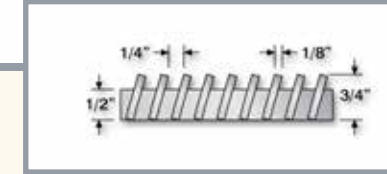
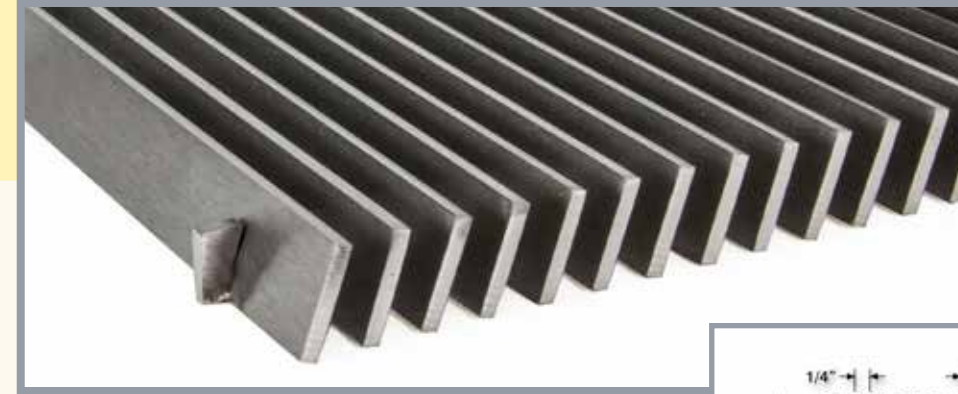


D-Frame (Band Frame)



E-Frame

CA400 LINEAR BAR GRILLE



CORE GRILLE

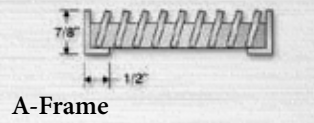
Product Specifications

- 16 Degree Deflection - 65% Free Area
- Pencil Proof / Heel Proof (custom spacing available)
- Fully Welded Construction for Maximum Durability
- Core can be Loose, Removable, or Welded to Frames
- Access Doors Available (can be loose or hinged)
- Mitered & Curved Sections Available
- Custom Frame Options (flange sizes, bevels & more)

Material & Finish Options

- Aluminum - Satin/Brushed, Mirror Polished, Anodized Clrs, Duranodic, Baked Enamel Clrs, Primed
- Brass - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Bronze - Satin, Mirror Polished, Statuary/Antiqued (Light, Medium, or Dark), Oil Rubbed
- Stainless Steel - Satin, Mirror Polished (top only or all visible surfaces), Blackened

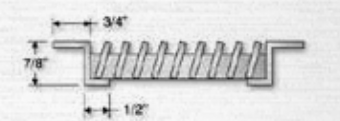
Frame Styles



A-Frame



B-Frame



C-Frame



D-Frame (Band Frame)

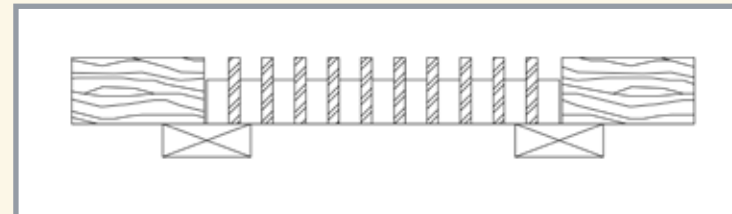


E-Frame

INSTALLATION DETAILS

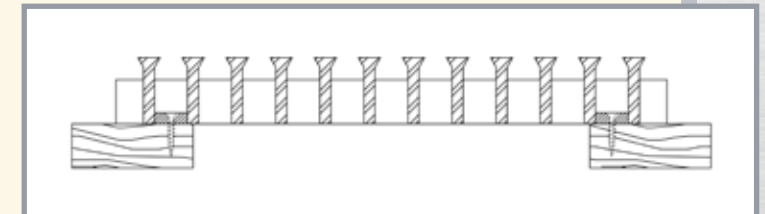
No. 1

Drop in linear bar grille core - custom heights & bar spacing available. CA100 Bar Grille shown.



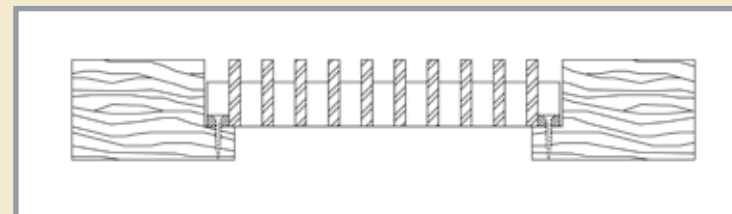
No. 3

Core grille with mounting tabs used for wall and ceiling applications. CA300 Bar Grille shown.



No. 2

Drop in core with mounting tabs - used for fastening grille down or wall and ceiling applications. CA100 Bar Grille shown.



No. 4

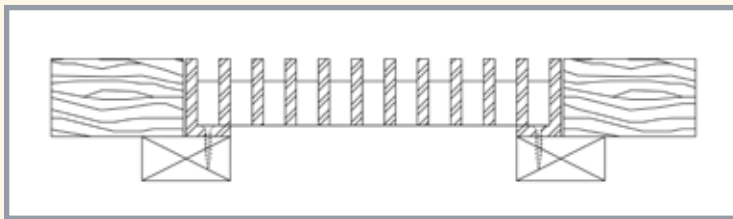
Drop in linear bar grille with A Frame. CA400 Bar Grille shown.



INSTALLATION DETAILS

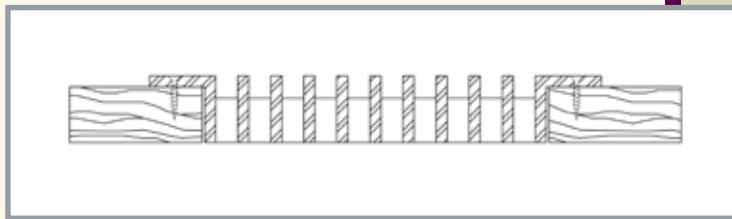
No. 5

Drop in with thru frame mounting holes - used for fastening grille down or wall and ceiling applications. CA100 A Frame Bar Grille shown.



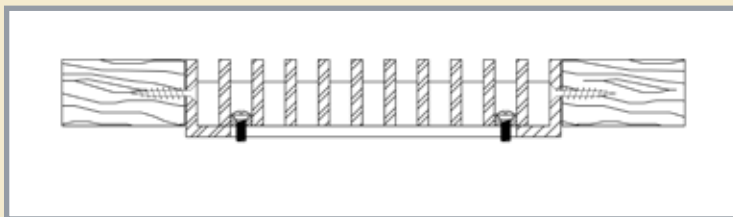
No. 10

Linear Bar Grille with perimeter flange mounting - used for floor, wall, and ceiling applications. CA100 B Frame Bar Grille shown.



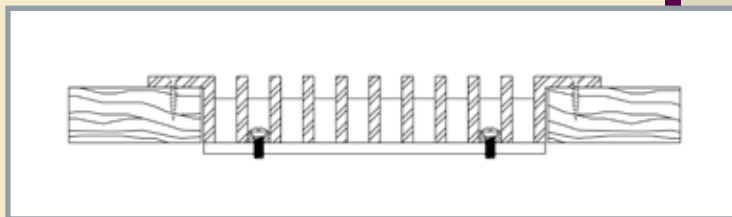
No. 6

Countersunk holes for flush frame mounting with removable core for wall and ceiling applications. CA100 A Frame Bar Grille shown.



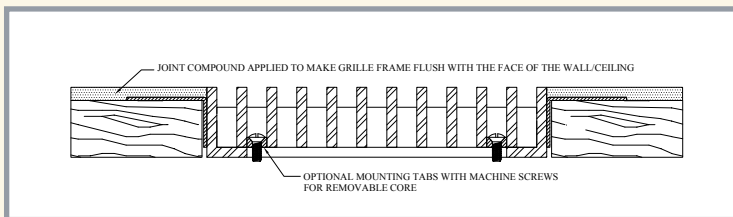
No. 11

Perimeter flange mounting with removable core - used for floor, wall, and ceiling applications. CA100 B Frame Bar Grille shown.



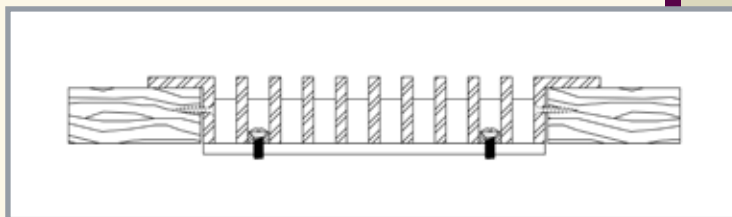
No. 7

Linear bar grille with L-Bead (Corner Bead) for flush mounted wall and ceiling applications. CA100 A Frame Bar Grille shown.



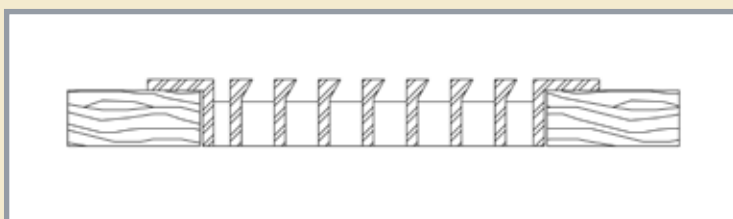
No. 12

Concealed fastening with removable core - used for floor, wall, and ceiling applications. CA100 B Frame Bar Grille shown.



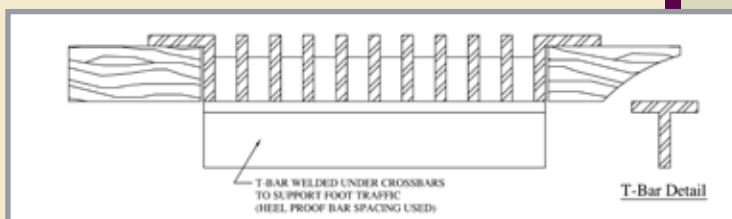
No. 8

Drop in Linear Bar Grille. CA200 B Frame Bar Grille shown.



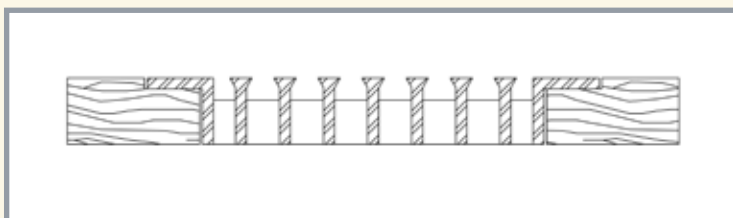
No. 13

Drop in Linear Bar Grille with T-Bar support for floor application. CA100 B Frame Bar Grille shown.



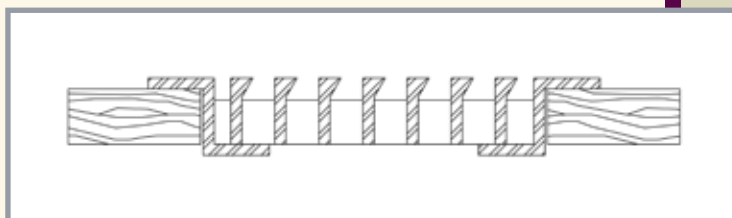
No. 9

Flush mounted drop in Linear Bar Grille with routed opening. CA300 B Frame Bar Grille shown.



No. 14

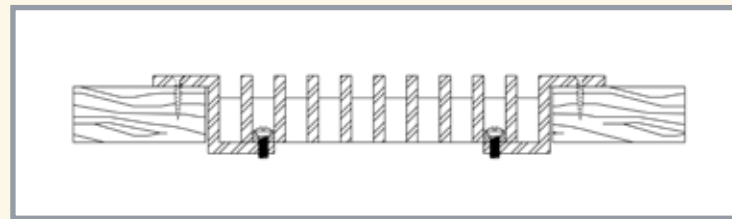
Drop in linear bar grille for sill tops and floor applications. CA200 C Frame shown.



INSTALLATION DETAILS

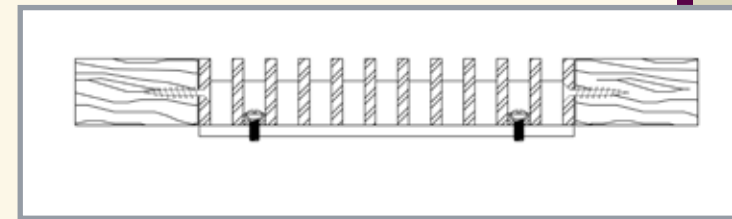
No. 15

Perimeter flange mounting with removable core - used for floor, wall, and ceiling applications. CA100 C Frame Bar Grille shown.



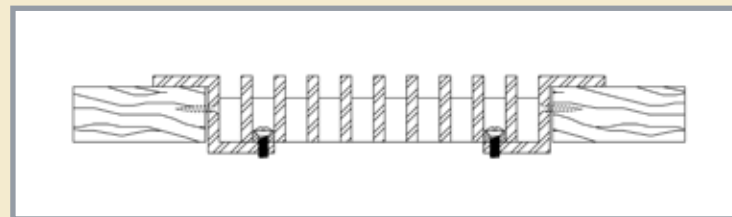
No. 20

Concealed holes for flush frame mounting with removable core for wall and ceiling applications. CA100 D Frame (Band Frame) Bar Grille shown.



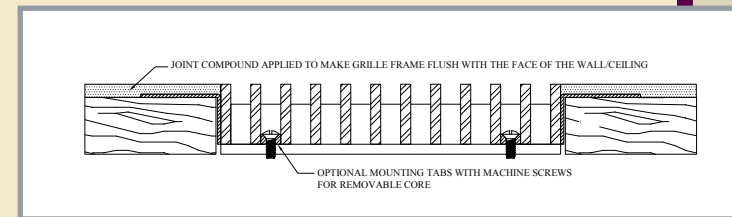
No. 16

Concealed fastening with removable core - used for floor, wall, and ceiling applications. CA100 C Frame Bar Grille shown.



No. 21

Linear bar grille with L-Bead (Corner Bead) for flush mounted wall and ceiling applications. CA100 D Frame (Band Frame) Bar Grille shown.



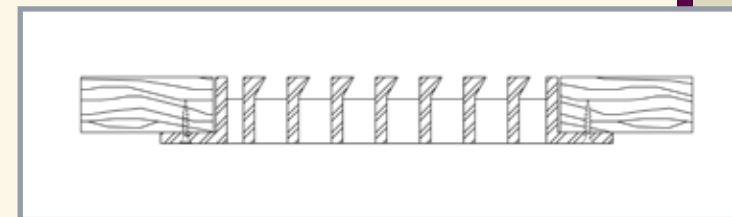
No. 17

Drop in Linear Bar Grille with T-Bar support for floor application. CA300 C Frame Bar Grille shown.



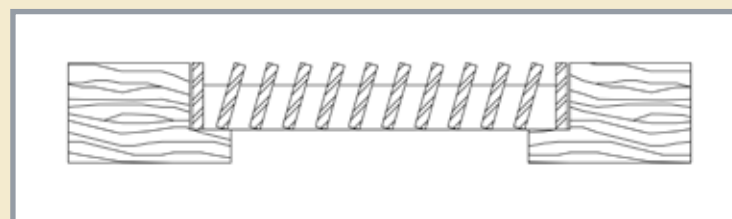
No. 22

Concealed fastening with flush face mounting for door, sill, enclosure, wall and ceiling applications. CA200 E Frame Bar Grille shown.



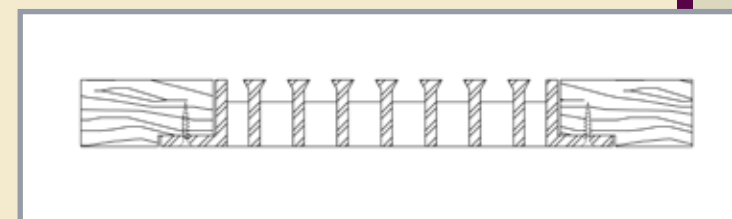
No. 18

Drop in Linear Bar Grille. CA100 D Frame (Band Frame) Bar Grille shown.



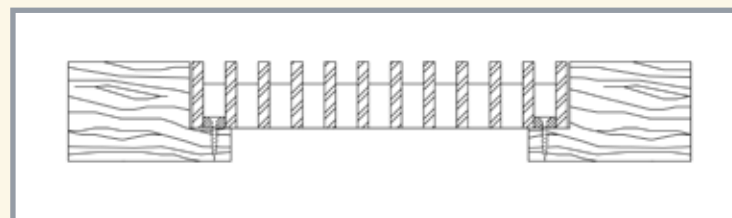
No. 23

Concealed fastening with flush face mounting for door, sill, enclosure, wall and ceiling applications. CA300 E Frame Bar Grille shown.



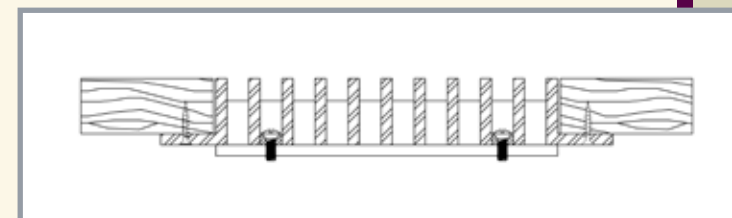
No. 19

Linear bar grille with mounting tabs - used for fastening grille down or wall and ceiling applications. CA100 D Frame (Band Frame) Bar Grille shown.



No. 24

Concealed fastening with flush mounting and removable core for multiple applications. CA100 E Frame Bar Grille shown.





PERFORATED GRILLES

Historic Renovation projects are always interesting and bring unique challenges. Our project at The Beacon Renovation in NJ was no different. As a cost savings alternative to the original bronze castings that were damaged or lost, our engineering department was able to reproduce the pattern in CAD and laser cut these custom perforated grilles in 3/16" Steel. A proprietary 3-step paint process, developed and approved for this Historic Renovation, was employed to give the material a finish that matched the original grilles and other decorative accents. Our engineering team also field measured each piece to ensure a perfect fit and marked them to be easily sorted at the job site.

Coco Architectural Grilles & Metalcraft offers an extensive line of Perforated Grilles that encompasses the same characteristics our customers expect from our Linear Bar Grilles: Aestheical Quality, Performance Criterion and Installation Features.

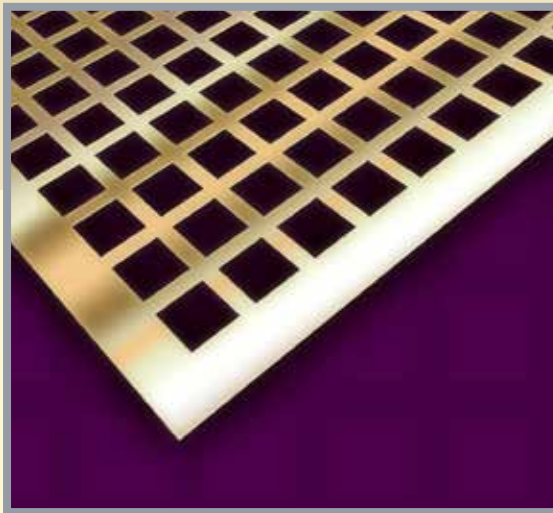
What makes the Perforated Grille choices even more distinct, is that they range in design features from simple to decorative, definitive to stylish, and vintage to modern. If you are seeking an architectural accent, a match for a historic renovation, or simply an ornamental metal addition to an existing unit, our Perforated Grille patterns offer you the flexibility to achieve the perfect solution.

Your Perforated Grilles may require access doors, concealed fastening, welded support bars, or installation hardware with a matching finish. No matter the need, our metal grille manufacturing experts are on staff to assist you.

Our custom Perforated Grille material options include Aluminum, Brass, Bronze, Stainless Steel and Steel. The Aluminum Perforated Grilles can be supplied in a Satin, Mirror Polish, Clear Anodize, Anodized Color, Baked Enamel Color (liquid or powder coat), and a Primed Finish for field painting. Our Brass and Bronze Perforated Grilles are not only furnished in Satin and Mirror Polished finishes, but also in several shades of Statuary Bronze, Antiqued, and Blackened Bronze. Stainless Steel Perforated Grille options are available in Satin and Mirror Polish or they can be prepped for plating. Steel Perforated Grilles can also be prepped for a secondary plating process but they are also available in a Primed Finish or Baked Enamel Colors.

*Historic
Renovations*

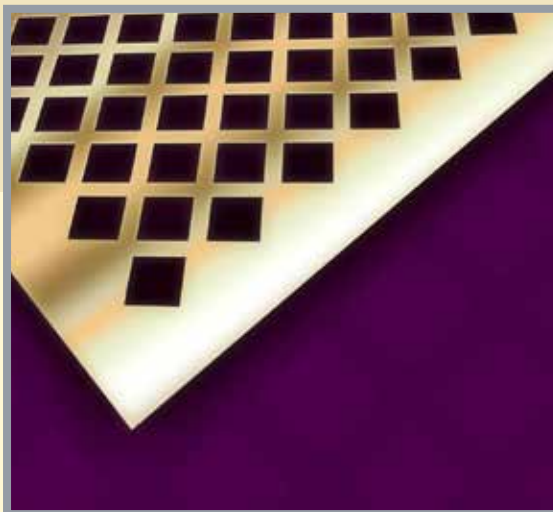




CA800 LATTICE

FREE AIR PERCENTAGE

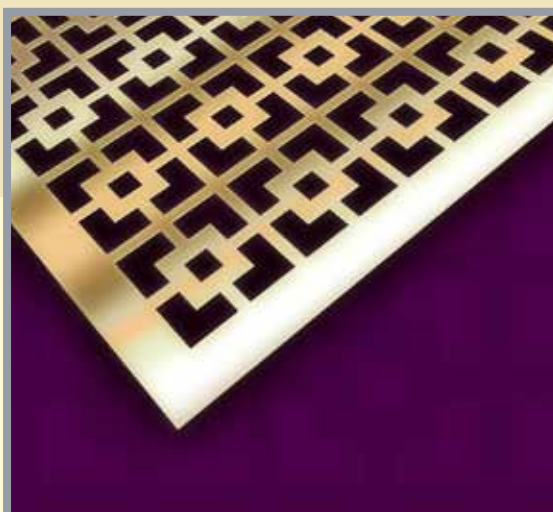
1" Square	64%
3/4" Square	56%
1/2" Square	45%
1/4" Square	25%



CA801 DIAMOND

FREE AIR PERCENTAGE

1" Square	64%
3/4" Square	56%
1/2" Square	45%
1/4" Square	25%



CA802 SQUARE LINK

FREE AIR PERCENTAGE

2 1/4"	52%
1 3/4"	46%
1 1/4"	39%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

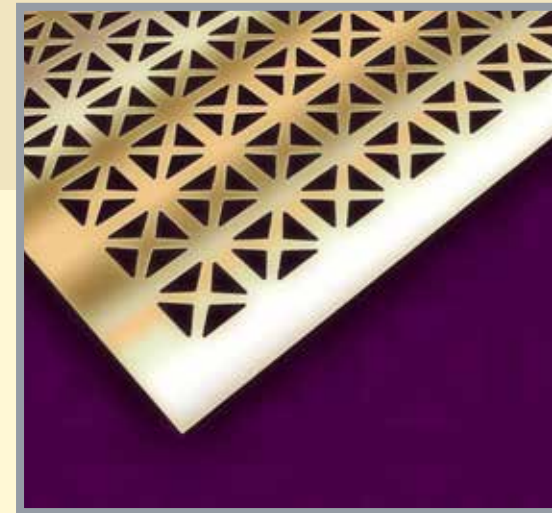
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

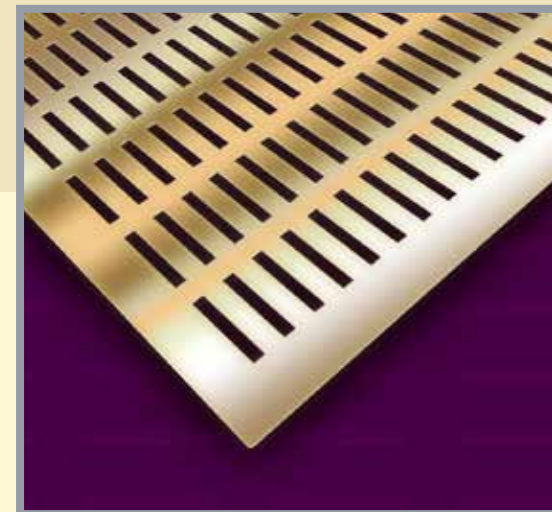
- Primed
- Baked Enamel Colors
- Blackened



CA803 MALTESE

FREE AIR PERCENTAGE

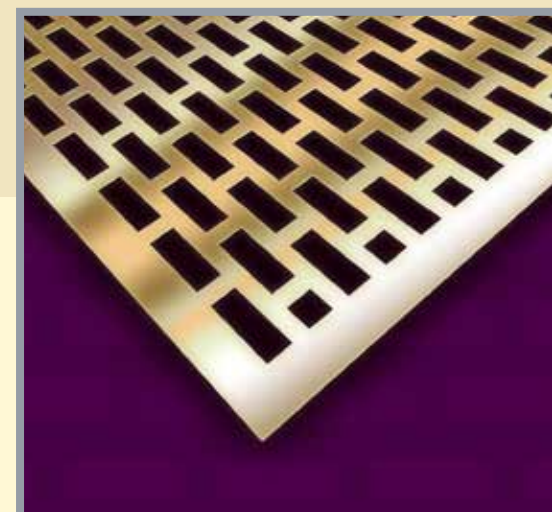
1 3/4"	39%
15/16"	36%



CA804 SCHOOL SLOT

FREE AIR PERCENTAGE

15/16" x 1 3/8"	48%
3/8" x 1"	49%
1/4" x 1"	40%



CA805 BRICK

FREE AIR PERCENTAGE

3/8" x 1"	48%
1/4" x 1"	40%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

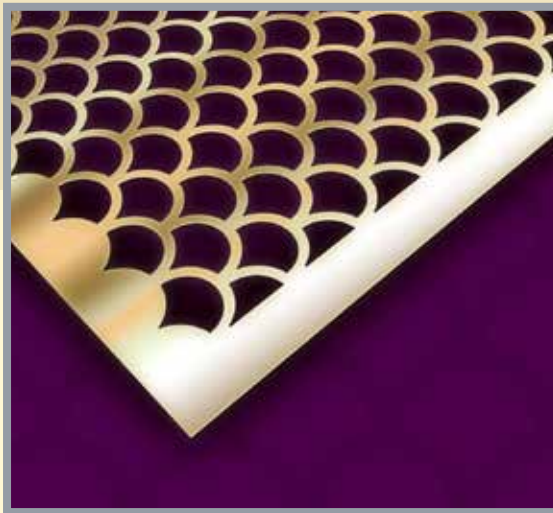
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

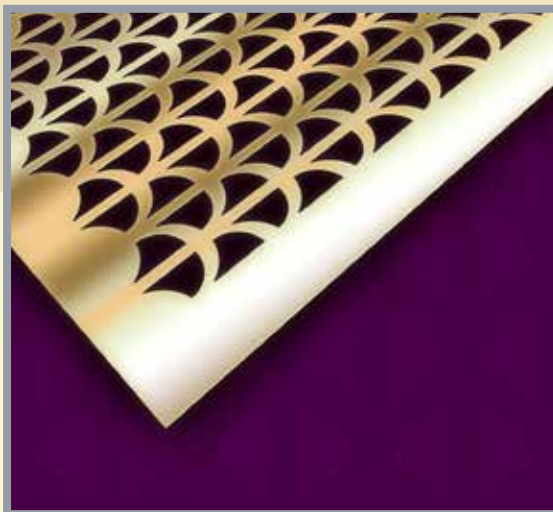
- Primed
- Baked Enamel Colors
- Blackened



CA806 SHELL

FREE AIR PERCENTAGE

3 1/4"	72%
2 1/2"	71%
1 3/4"	68%
1 1/8"	55%
5/8"	50%



CA807 HALF SHELL

FREE AIR PERCENTAGE

3 3/4"	54%
2 3/4"	61%
2"	57%
1 15/16"	51%



CA808 EGYPTIAN

FREE AIR PERCENTAGE

2"	52%
1"	44%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

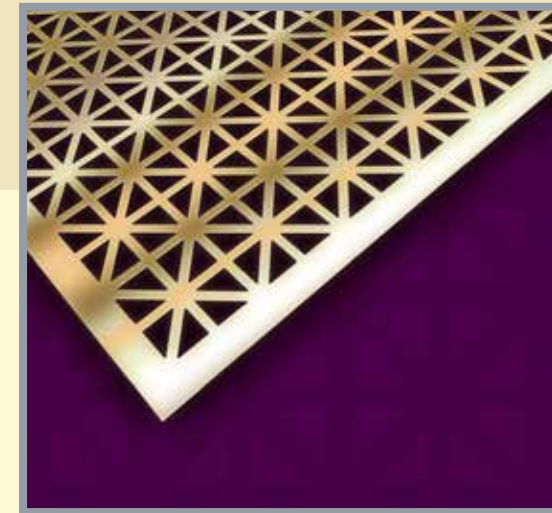
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

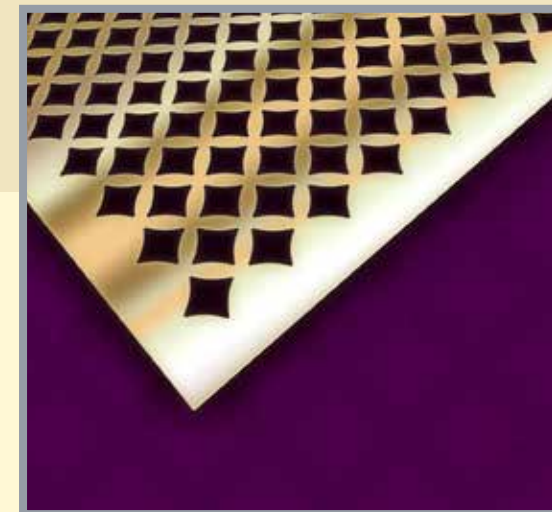
- Primed
- Baked Enamel Colors
- Blackened



CA809 GRECIAN

FREE AIR PERCENTAGE

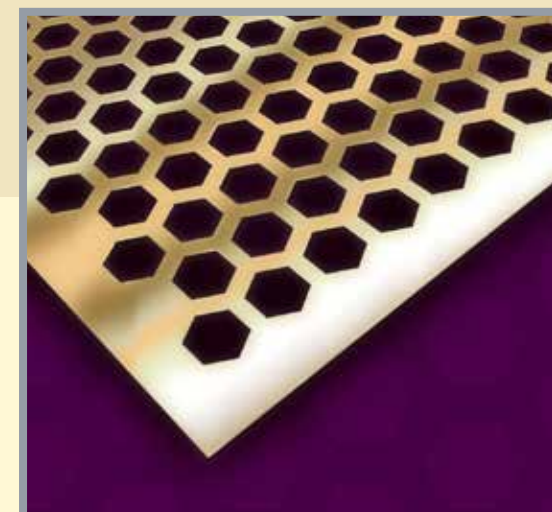
2 1/2"	48%
1 1/4"	41%



CA810 MOSAIC

FREE AIR PERCENTAGE

1 3/8"	50%
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CA811 HONEYCOMB

FREE AIR PERCENTAGE

3/4"	56%
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Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

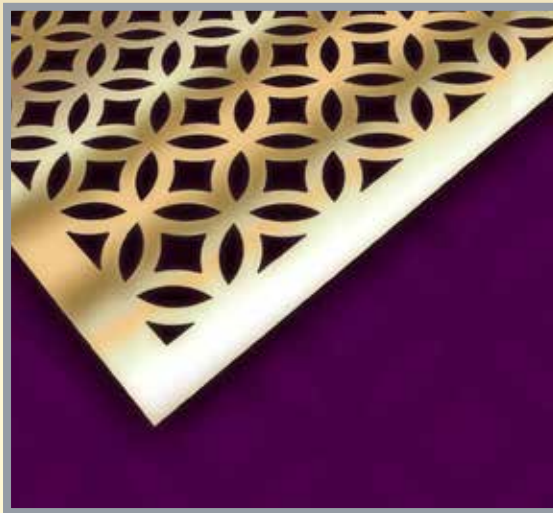
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

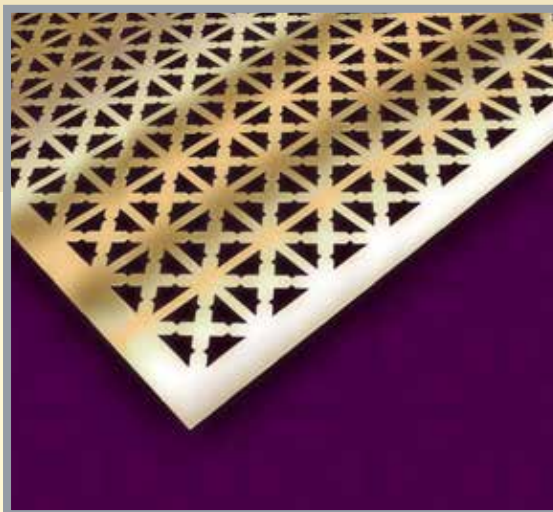
- Primed
- Baked Enamel Colors
- Blackened



**CA812
CIRCLE LINK**

FREE AIR PERCENTAGE

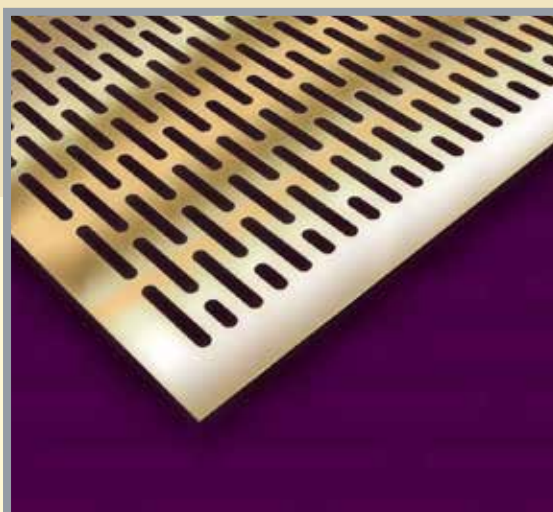
2 1/4" 43%



**CA813
CROSS LINK**

FREE AIR PERCENTAGE

1 5/8" 38%



**CA814
BULLET**

FREE AIR PERCENTAGE

3/8" x 1 1/2" 49%
1/4" x 1 1/2" 41%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

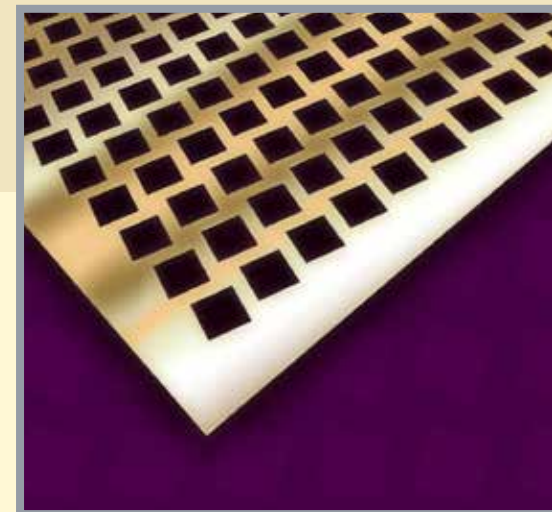
- Primed
- Baked Enamel Colors
- Blackened



**CA815
PARQUET**

FREE AIR PERCENTAGE

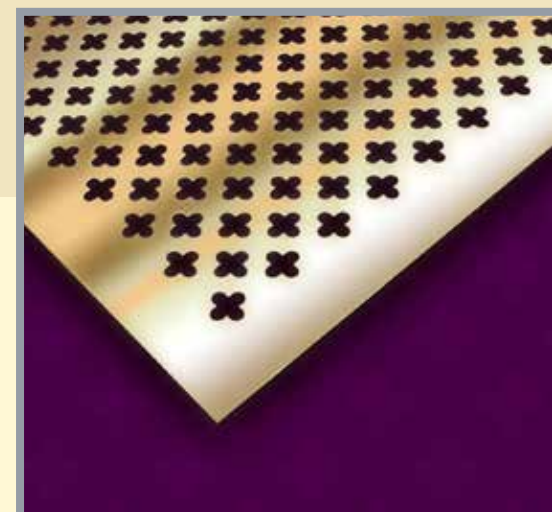
1 3/16" 30%



**CA816
SQUARE ON
DIAMOND**

FREE AIR PERCENTAGE

1" 60%
3/4" 52%
1/2" 41%



**CA817
CLOVER LEAF**

FREE AIR PERCENTAGE

1/4" x 1" 43%
1/4" x 1/2" 42%
3/16" x 1/2" 36%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

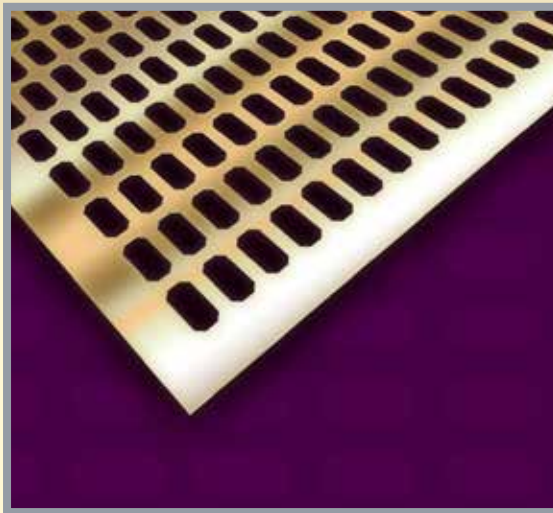
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

- Primed
- Baked Enamel Colors
- Blackened



CA818 EMERALD

FREE AIR PERCENTAGE

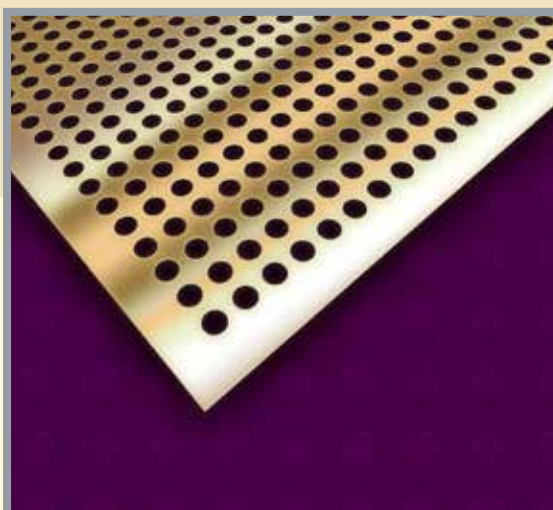
1" 48%



CA819 MAJESTIC

FREE AIR PERCENTAGE

2 1/4" 66%
1 3/4" 67%
1" 54%



CA820 STRAIGHT HOLE

FREE AIR PERCENTAGE

1/2" 35%
3/8" 28%
1/4" 20%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

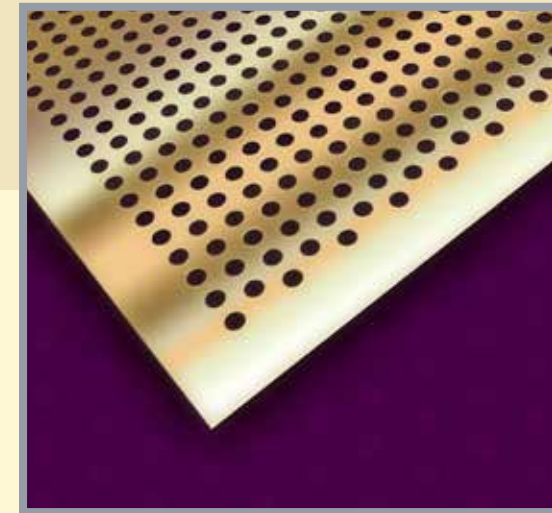
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

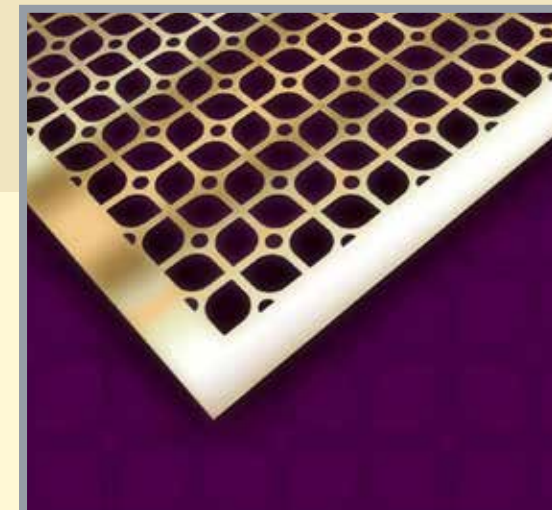
- Primed
- Baked Enamel Colors
- Blackened



CA821 STAGGERED HOLE

FREE AIR PERCENTAGE

1/2" 35%
3/8" 28%
1/4" 20%



CA822 PETALS

FREE AIR PERCENTAGE

2" 66%



CA823 CLASSIC

FREE AIR PERCENTAGE

2" x 1 3/4" 67%
1 5/8" x 1 7/16" 67%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

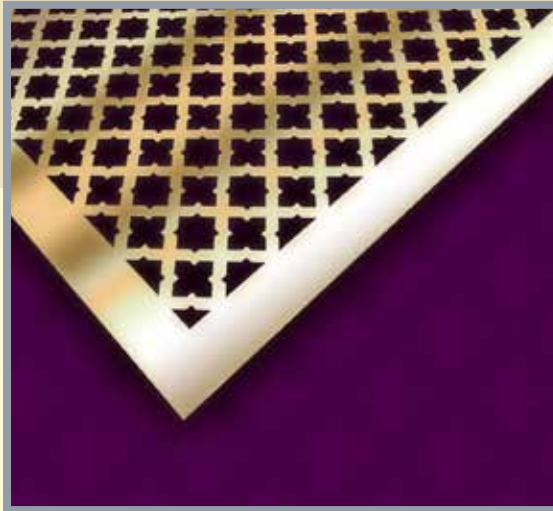
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

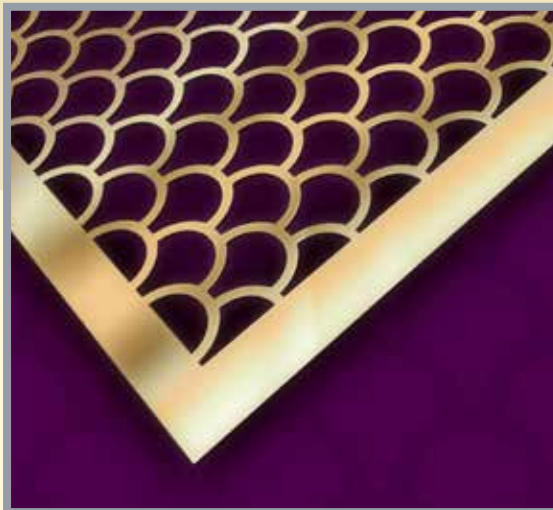
- Primed
- Baked Enamel Colors
- Blackened



**CA824
GOTHIC**

FREE AIR PERCENTAGE

1 1/8" 56%



**CA825
TEAR DROP**

FREE AIR PERCENTAGE

1 3/4" x 1 9/16" 73%



**CA826
WINDSOR**

FREE AIR PERCENTAGE

2" 57%
1 9/16" 51%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

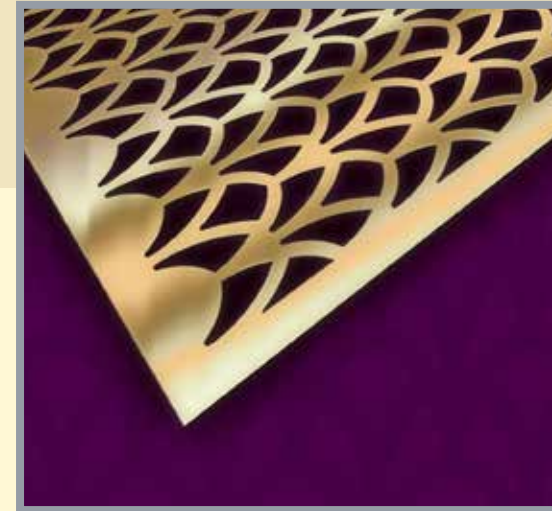
- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

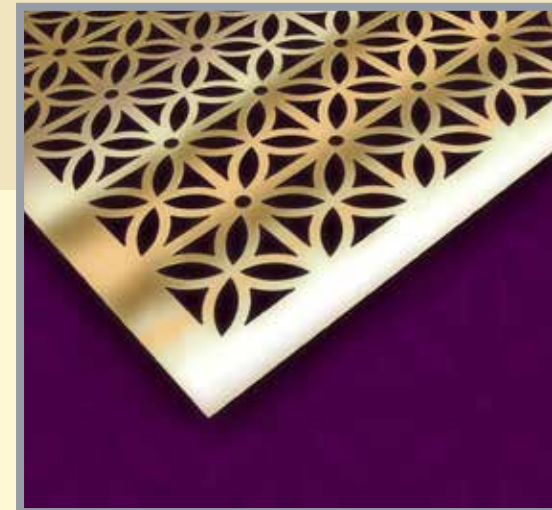
- Primed
- Baked Enamel Colors
- Blackened



**CA827
CATHEDRAL**

FREE AIR PERCENTAGE

2 1/2" 53%



**CA828
FLORAL**

FREE AIR PERCENTAGE

2" 45%



**CA829
IMPERIAL**

FREE AIR PERCENTAGE

2" 53%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

Finishes

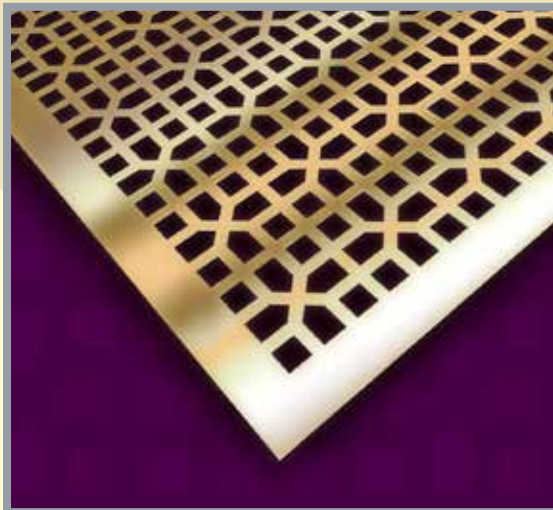
- Primed
- Baked Enamel Colors
- Blackened



**CA830
ARABIAN
FLORAL**

FREE AIR PERCENTAGE

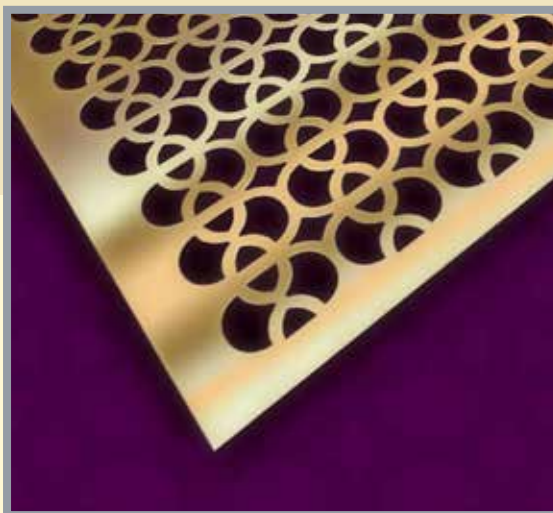
1 5/8" 58%



**CA831
ORIENT**

FREE AIR PERCENTAGE

2" 48%



**CA832
OVATION**

FREE AIR PERCENTAGE

1 7/16" 54%

Material & Finishes

Aluminum

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .128")

Finishes

- Satin/Brushed
- Mirror Polished
- Duranodic (Bronze Anodized)
- Anodized Colors
- Baked Enamel Colors
- Primed

Brass & Bronze

- 1/16" Minimum (14 Ga. / .064")
- 1/8" Maximum (8 Ga. / .129")

Finishes

- Satin
- Mirror Polished
- Statuary/Antiqued (Light, Medium, or Dark)
- Oil Rubbed

Stainless Steel

- 1/16" Minimum (16 Ga. / .062")
- 5/64" Maximum (14 Ga. / .078")

Finishes

- Satin
- Mirror Polished
- Blackened

Steel

- 1/16" Minimum (16 Ga. / .059")
- 1/8" Maximum (11 Ga. / .119")

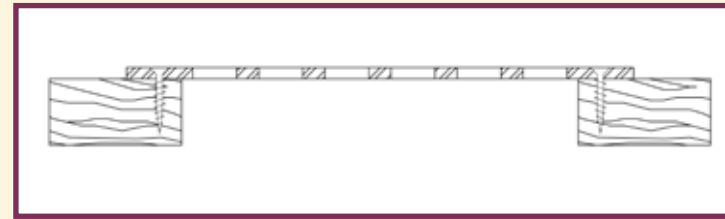
Finishes

- Primed
- Baked Enamel Colors
- Blackened

INSTALLATION DETAILS

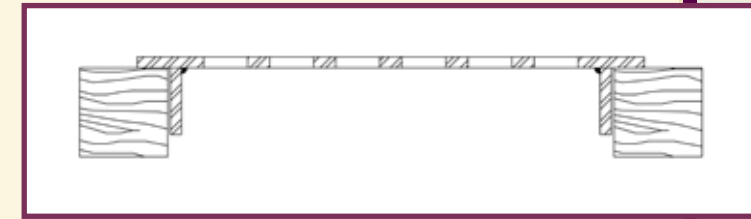
No. 25

Surface mounted perforated grille with countersunk screw holes for floor, wall and ceiling applications. Supplied with matching hardware (Flat Head, Oval Head, and other screw styles available).



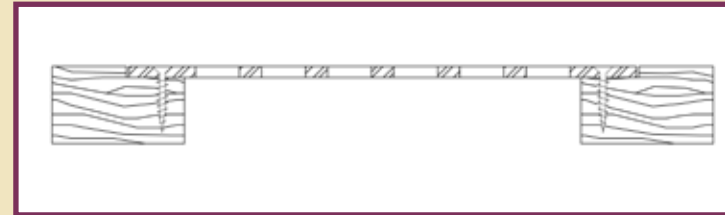
No. 30

Perforated floor grille with welded stiffener bars for additional support. Available with beveled edges around grille perimeter.



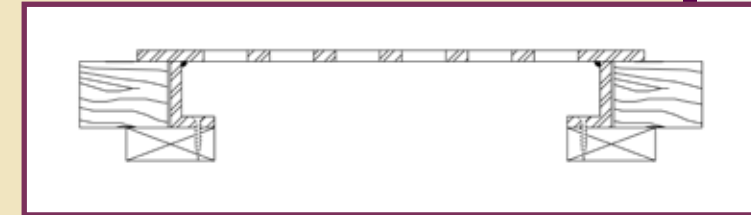
No. 26

Flush mounted perforated grille with routed opening and countersunk screw holes. Supplied with matching hardware (Flat Head, Oval Head, and other screw styles available).



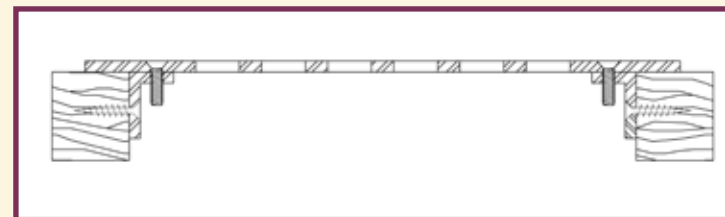
No. 31

Perforated grille with welded angles for concealed fastening. Available with beveled edges around grille perimeter.



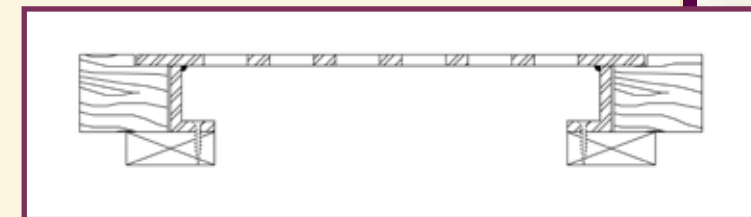
No. 27

Removable perforated grille with countersunk screw holes and loose angle frame. Supplied with matching hardware (Flat Head, Oval Head, and other screw styles available).



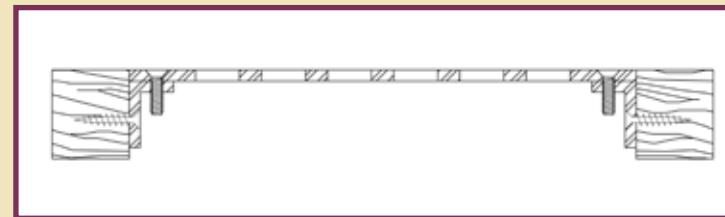
No. 32

Flush mounted perforated grille in routed opening with welded angles for concealed fastening.



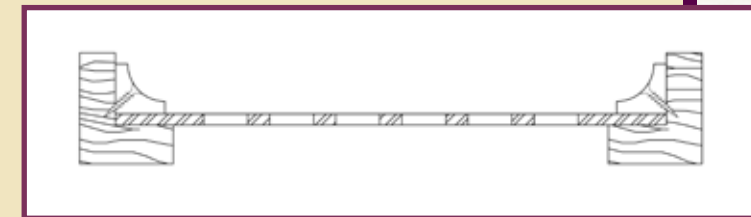
No. 28

Flush Mounted removable perforated grille with countersunk screw holes and loose angle frame. Supplied with matching hardware (Flat Head, Oval Head, and other screw styles available).



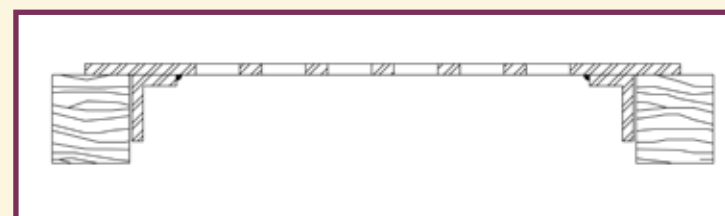
No. 33

Perforated grille installed with perimeter moulding.



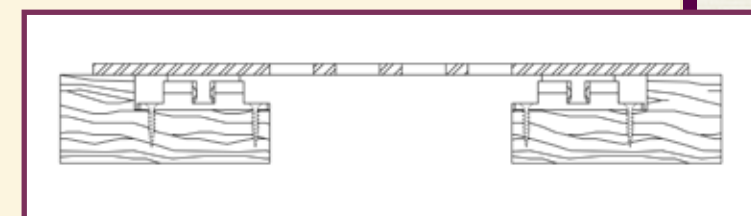
No. 29

Perforated floor grille with welded stiffener angles for additional support. Available with beveled edges around grille perimeter.



No. 34

Perforated grille installed with ball catches. Available with beveled edges around grille perimeter.



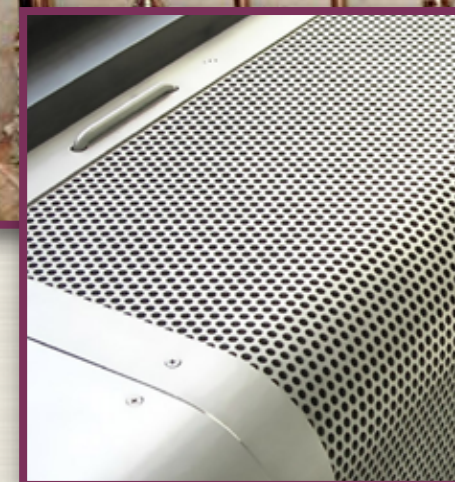
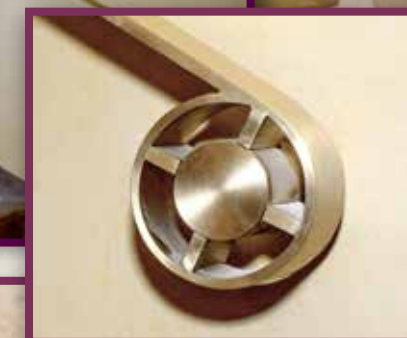
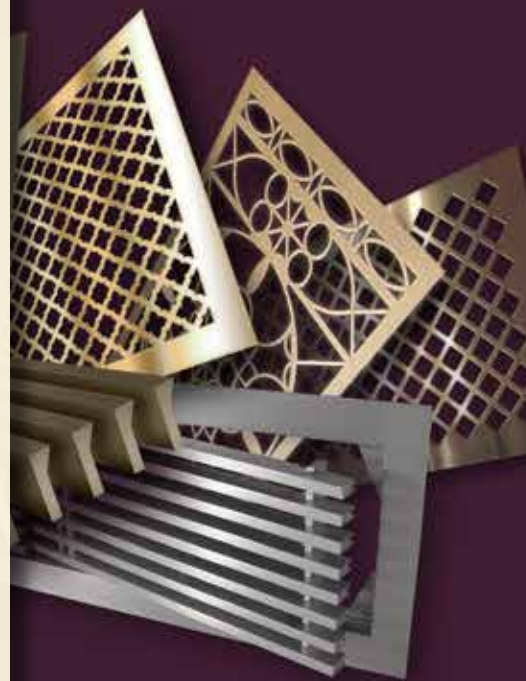
CUSTOM METAL PRODUCTS

Like the Linear Bar Grilles and Perforated Grilles offered by Coco Architectural Grilles & Metalcraft, our custom metal products are manufactured with the same benchmark standard of excellence and our undying commitment to total customer satisfaction.

Because of our extensive experience with many unique projects requiring an array of metalworking capabilities, we are able to offer you virtually unrestricted options.

If your design concept calls for a unique grille pattern, a laser cut wood perforated grille, or a bar grille with a radius to match a curved wall, Coco Architectural Grilles & Metalcraft is able to provide a solution for your specific need.

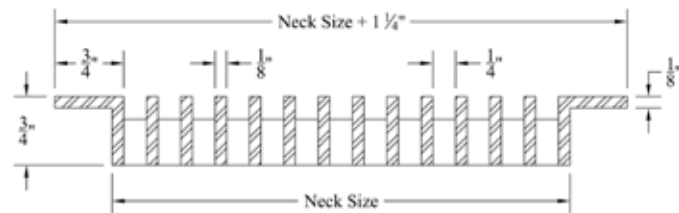
In addition to our Distinctive Metal Grilles, our experience also includes custom metal products such as Convector Enclosures, Wall Panels, Kick Plates, Corner Guards, Desks, Tables, Consoles, Handles & Pulls, Headers & Jambs, Ornamental Trim, Access Doors, Railings, Cladding, Brake Formed Profiles, Extrusions, Louvers, Tree Grates, Signage, Retail Displays, Column Covers, Trench Boxes, Precision Sheet Metal and more!



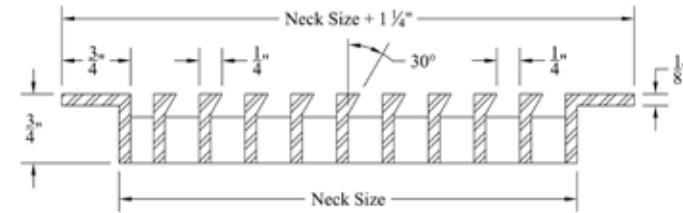


STOCK BAR GRILLES WITH & WITHOUT ACCESS DOORS:

- Satin (Brushed) Aluminum
- Each size available with or without 8" Access Door
- Recommended opening size is 1/8" larger than Neck Sizes
- Overall frame size is 1 1/4" larger than Neck Sizes



CA100 B Frame Section



CA200 B Frame Section

NECK SIZES

4" x 24"	5" x 24"	6" x 24"
4" x 30"	5" x 30"	6" x 30"
4" x 36"	5" x 36"	6" x 36"
4" x 42"	5" x 42"	6" x 42"
4" x 48"	5" x 48"	6" x 48"
4" x 60"	5" x 60"	6" x 60"



STOCK PERFORATED GRILLES MODEL CA800 LATTICE (1/2" VARIATION - 45% OPEN):

The CA800 Lattice Perforated Grille has become the standard choice for Architects and General Contractors. The pattern is simple, elegant, functional, and suitable for all projects from high-end residential work to commercial projects. As a stock product, these grilles are available in 1/8" Aluminum with a #4 Satin (Brushed) Finish. The 1/2" square pattern size with 1/4" webs (solid material between the perforations) yields a 45% free area. For all stock perforated grilles, the border sizes range from a 5/8" minimum to 7/8" maximum.

Stock perforated grilles can be quickly customized with mounting holes (with or without countersink) and secondary finishes such as primed for paint, baked enamel colors (wet paint or powder coat), or anodized. All of our stock perforated grilles are fabricated and finished with the same distinctive quality and attention to detail as our custom fabricated grilles. And they are proudly Made in the USA.



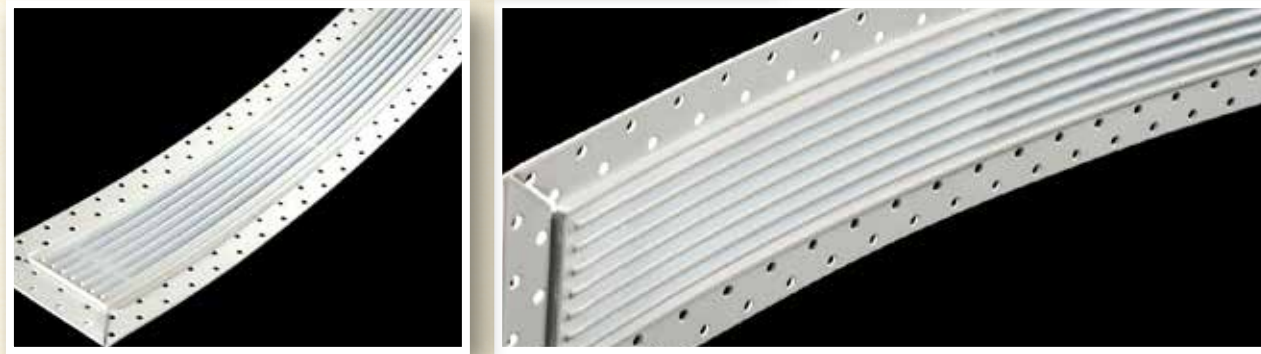
OVERALL GRILLE DIMENSIONS

	4"	4.5"	5"	5.5"	6"	6.5"	7"	7.5"	8"	10"
8"	◆				◆				◆	◆
10"	◆				◆				◆	◆
12"	◆				◆				◆	◆
24"	◆	◆	◆	◆	◆	◆	◆	◆	◆	
30"	◆	◆	◆	◆	◆	◆	◆	◆	◆	
36"	◆	◆	◆	◆	◆	◆	◆	◆	◆	
42"	◆	◆	◆	◆	◆	◆	◆	◆	◆	
48"	◆	◆	◆	◆	◆	◆	◆	◆	◆	

PLASTER L-BEAD (MUD-IN) LINEAR BAR GRILLES



- Allows a borderless installation that is clean and flush with the face of your wall or ceiling. Used for both drywall and plaster applications.
- Shop applied and ready to install on delivery to reduce field labor cost.
- Designed for quick mounting with pre-punched holes. Simply add plaster over the flange to create an elegant flush finish.



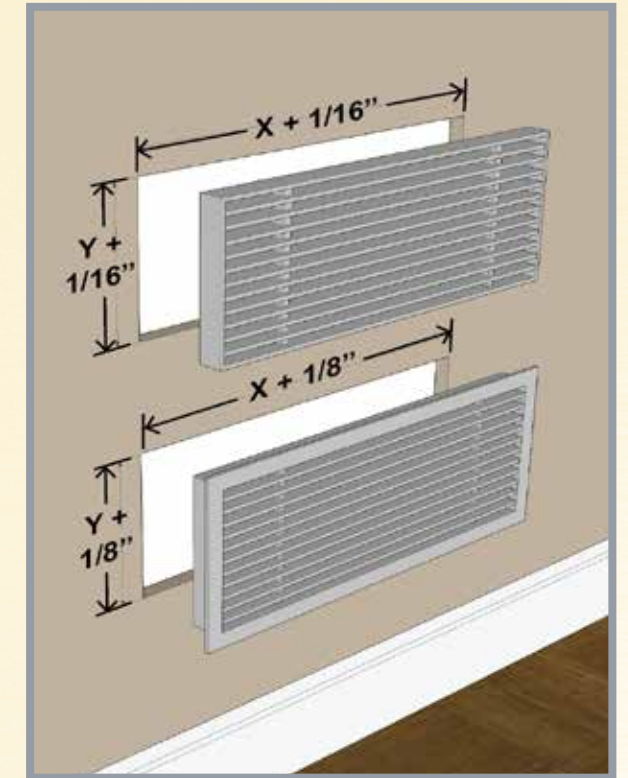
- Available in Aluminum with all finishes. We have solutions Bronze and Stainless Steel as well.
- The core grille can be supplied either welded or removable for access.
- L-Beads are available on all Linear Bar Grille models as Core Only and with the A or D (Band) style frames.



HOW TO MEASURE

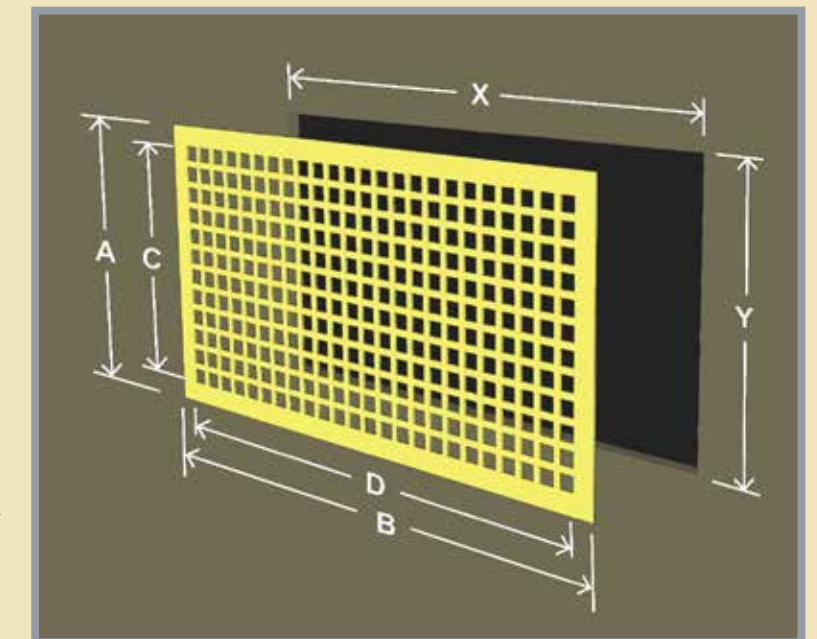
LINEAR BAR GRILLES

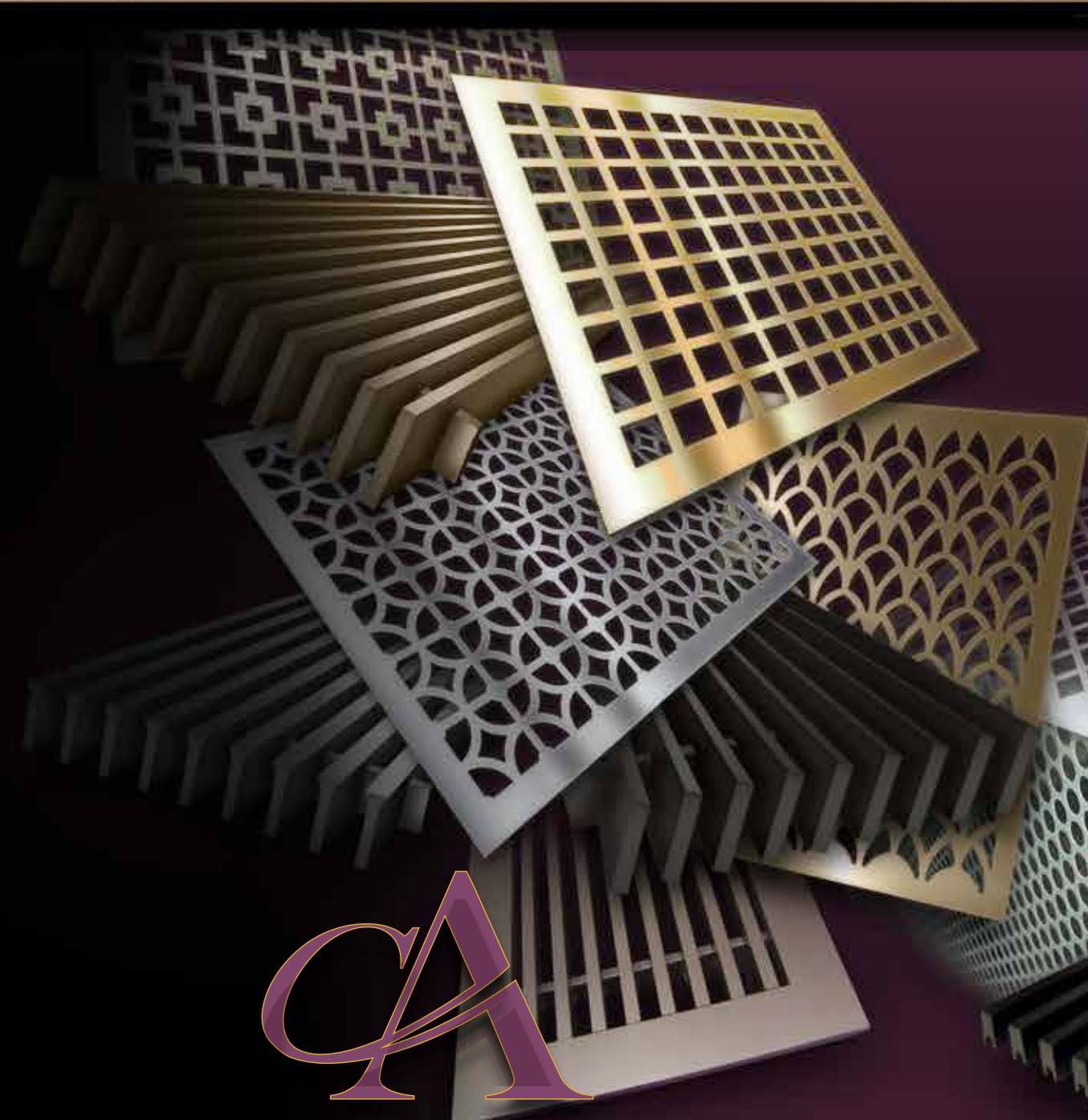
- For flangeless (flush mounted) bar grille frame styles such as the A Frame, D Frame, E Frame and Core Only, it is recommended to cut the opening $1/16''$ larger than the specified overall grille size to ensure a proper fit. (Let's call the GRILLE SIZE here X for the length and Y for the width/height. Dimension the wall opening as $X + 1/16''$ and $Y + 1/16''$)
- For flanged bar grille frame styles such as the B Frame and C Frame, our recommendation is to cut the opening $1/8''$ larger than the specified neck size to ensure a proper fit. (Let's call the GRILLE SIZE here X for the length and Y for the width/height. Dimension the wall opening as $X + 1/8''$ and $Y + 1/8''$)



PERFORATED GRILLES

- Measure your wall, floor, or ceiling opening for the height/width (Y dimension) and the length (X dimension).
- When specifying your perforated grille, you will need to include a perimeter border dimension for the height/width and length dimensions. If necessary, we will assist you in determining the proper border dimension that will allow for any required features, such as mounting holes, and provide you with an aesthetically pleasing result.
- Please keep in mind that the perforated pattern should not exceed the opening dimensions and additional clearance will be required when adding stiffener bars as a boot for floor grilles and other applications. Equal border sizes can also be requested and accommodated by our engineering department.





COCO ARCHITECTURAL
GRILLES • METALCRAFT

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