



9180
This stainless steel supply grille features individually adjustable curved blades and a multi-deflection discharge air pattern.



91610, 91620, 91520
These heavy-duty, stainless steel, linear bar grilles feature fixed bars at different deflections, thickness, and spacing.



980
This stainless steel, single deflection supply grille features individually adjustable horizontal or vertical front blades, spaced on 3/4" centers.

91610 - 1/8" Thick Bars
Set at 0° or 15°,
3/8" Spacing
91620 - 1/8" Thick Bars
Set at 0° or 15°,
1/2" Spacing
91520 - 1/4" Thick Bars
Set at 0°,
1/2" Spacing



9880
This stainless steel, double deflection supply grille features individually adjustable front and rear blades, spaced on 3/4" centers.



91240
This stainless steel supply diffuser features welded cores that are set at 1, 2, 3, or 4-way discharge air patterns.



9S80
This stainless steel return grille features fixed blades set at a 0° or 45° deflection, spaced on 3/4" centers.



91310
This stainless steel, supply security grille features a perforated face with 5/16" diameter holes on 7/16" staggered centers and 1/8" continuous welded seems.



9S80HF
This stainless steel return grille features a hinged face with fixed blades set at a 0° or 45° deflection, spaced on 3/4" centers.



9S84P
This stainless steel supply grille features a perforated face, with 3/16" diameter holes on 1/4" staggered centers.



9EGC5
This stainless steel egg-crate return grille features 1/2"x1/2"x1/2" cube core with a 1 3/8" flange.



9S80P
This stainless steel return grille features a perforated face, with 3/16" diameter holes on 1/4" staggered centers.



98PF (Accessory)
This stainless steel plaster frame is available for Krueger's stainless steel series of grilles and registers.



9700, 9700A, 9700D
These stainless steel door grilles feature a single or double core with beveled frame, designed for air transfer from room to room.



90BD (Accessory)
This stainless steel OBD is available for Krueger's stainless steel series of grilles.

9700 - Single Core, Flat Frame
9700A - Single Core, Flat Frame & Auxiliary Frame
9700D - Double Core, Flat Frame



9SRA (Accessory)
This stainless steel square to round adapter is available for Krueger's stainless steel series of grilles and diffusers.

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Introduction: Stainless Steel

Stainless steel is an alloy, or blend of selective metal ingredients, primarily iron, chromium and nickel. Sometimes small amounts of other metals are added to give some further special performance characteristics. The result is not one, but a family of iron-based alloys made up of over fifty different possible compositions. Each composition has specific properties: toughness, corrosion resistance and cleanability. Krueger offers the following two grades of stainless steel.

GRADE 304 PROPERTIES

Grade 304 is the most versatile and most widely used stainless steel. Grade 304 is the standard “18/8” or 18 percent chromium and 8 percent nickel austenitic alloy producing a highly corrosion resistant non-magnetic material. 304 Stainless steel has excellent forming and welding characteristics and is available in a wide range of products, forms and finishes.

GRADE 304 CORROSION RESISTANCE

Grade 304 has excellent corrosion resistance in a wide range of atmospheric environments and resists most oxidizing acids and salt sprays. Grade 304 is considered resistant to potable water with approximately 200 mg/L (0.0267 oz/gal) chlorides at ambient temperatures, reducing to about 150 mg/L (0.0200 oz/gal) at 60°C (140°F).

TYPICAL COMPOSITIONAL RANGES FOR GRADE 304

Metals	Minimum	Maximum
C	-	0.08
Mn	-	2.00
Si	-	0.75
P	-	0.045
Si	-	0.030
Cr	18.00	20.00
Mo	-	-
Ni	8.00	10.50
N	-	0.10

GRADE 316 PROPERTIES

Grade 316 is the standard molybdenum-bearing grade, second in importance to 304 amongst the austenitic stainless steels. It has excellent forming and welding characteristics. It is readily brake or roll formed into a variety of parts for applications in the industrial, architectural, and transportation fields. Grade 316 also has outstanding welding characteristics. Post-weld annealing is not required when welding thin sections.

GRADE 316 CORROSION RESISTANCE

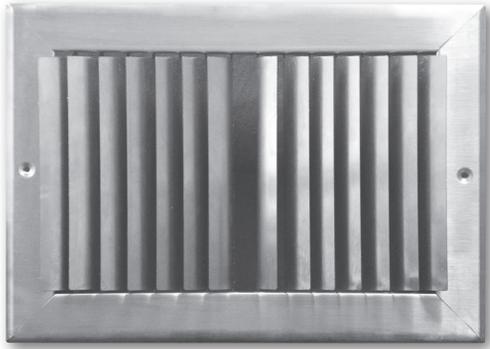
The molybdenum gives 316 better overall corrosion resistant properties than Grade 304, particularly higher resistance to pitting and crevice corrosion in potable water with up to about 1000 mg/L (0.1335 oz/gal) chlorides at ambient temperatures, reducing to about 500 mg/L (0.0668 oz/gal) at 60°C. 316 is usually regarded as the standard “marine grade stainless steel”.

TYPICAL COMPOSITIONAL RANGES FOR GRADE 316

Metals	Minimum	Maximum
C	-	0.08
Mn	-	2.00
Si	-	0.75
P	-	0.045
Si	-	0.030
Cr	16.00	18.00
Mo	2.00	3.00
Ni	10.00	14.00
N	-	0.10

9180 | Curved Blade Grille

STAINLESS STEEL GRILLES & DIFFUSERS



9180

Introduction: 9180

The 9180 series curved blade grille features individually, hand adjustable blades and multiple discharge configurations. Blade settings can be adjusted to increase or decrease the throw characteristics by controlling the discharge area. These grilles are an excellent choice for residential and commercial buildings where different throw characteristics are needed for the same sized grille.

MODEL

9180 - Curved Blade Supply Grille

FEATURES

- 304 Stainless steel construction (316 optional).
- 1, 2, 3, and 4-way deflection.
- Adjustable blades.
- Countersunk screw holes in mounting frame.

ACCESSORIES

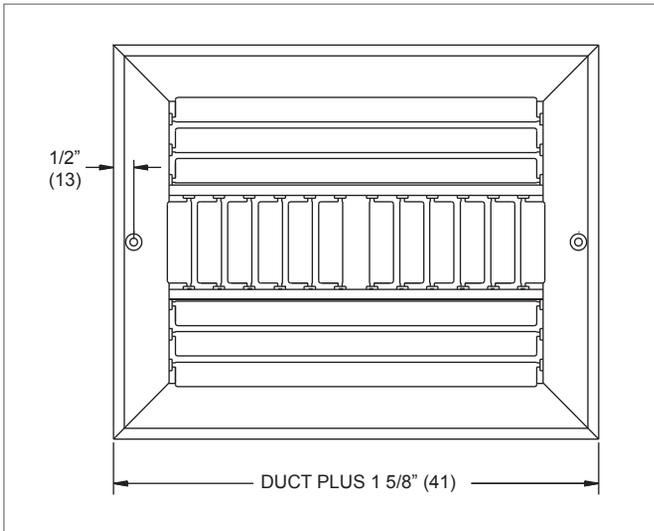
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

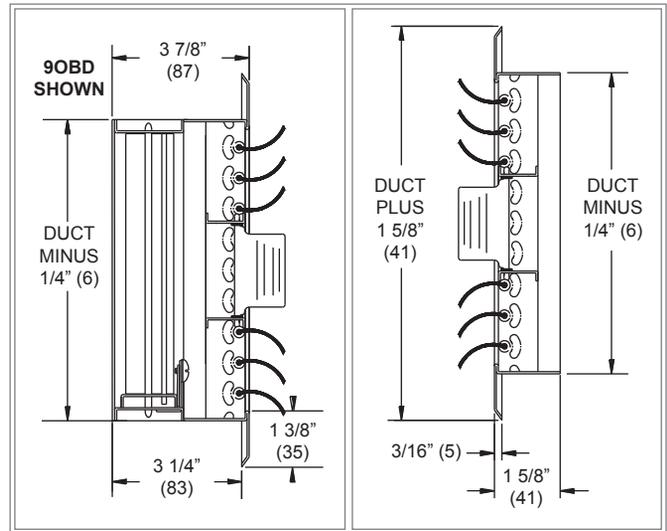
- Standard finish is #3 Satin Polish or #44 British White.

9180 Dimensional Information

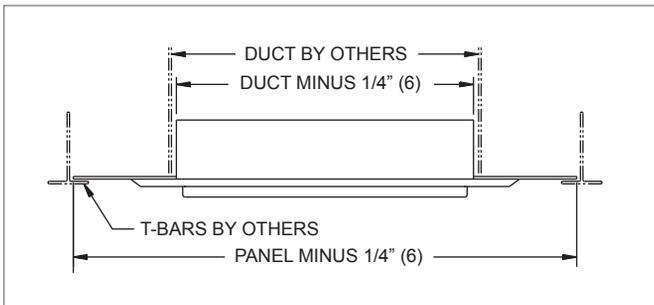
9180, FACE VIEW



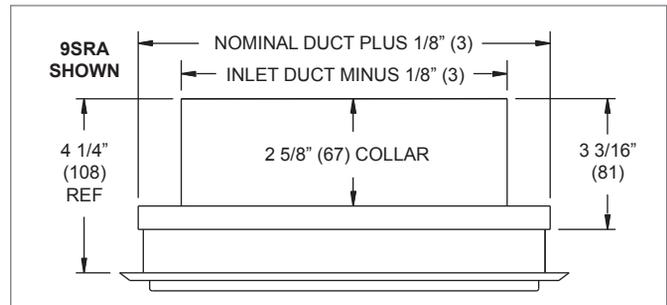
9180, SIDE VIEW: FRAME 22, SURFACE MOUNT



9180, SIDE VIEW: FRAME 23 LAY-IN T-BAR



9180, SIDE VIEW & SQUARE TO ROUND ADAPTER



NOTE: Dimensions in parentheses are mm.

9180 Suggested Specification & Configuration

- 1. SERIES: (XXXX)**
9180 - Curved Blade Supply Grille
- 2. PATTERN: (XX)**
01 - 1-Way
02 - 2-Way
03 - 3-Way
04 - 4-Way
- 3. WIDTH: (XX)**
4" - 48" in 2" Increments
- 4. HEIGHT: (XX)**
4" - 48" in 2" Increments
- 5. MATERIAL: (XXX)**
304 - Stainless Steel Grade 304
316 - Stainless Steel Grade 316
- 6. FRAME STYLE: (XXX)**
F22 - Surface Mount
F23 - Lay-in T-Bar
- 7. PANEL: (XX)x(XX)**
None
24"x24" *
24"x48" *
- 8. FASTENING METHOD: (XX)**
00 - No Screw Holes
01 - Countersunk Screw Holes **
- 9. DAMPER: (XX)**
00 - No Damper
01 - Stainless Steel OBD †
- 10. ACCESSORIES: (XX) (XX)**
00 - No Accessories
01 - Plaster Frame
02 - Square to Round Adapter ‡
- 11. FINISH: (XX)**
90 - #3 Satin Polish
44 - British White

* Only available with Frame 23.
 ** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.
 † Damper is welded to unit.
 ‡ Square to Round Adapter is not available with OBD.

9180

The supply grille shall be a Krueger model 9180. This grille must have curved deflectors made of 20 gage 304 stainless steel that are individually adjustable from the face allowing the volume and discharge angle of air to be adjusted. The grille shall be built in 1, 2, 3 and 4-way blow patterns. The frame of the grille must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1-3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the supply grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.



980

Introduction: 980

The 980 series stainless steel single-adjustable grilles allow air spread to be set left and right or up and down for economical versatility. These grilles feature 3/4" on center blade spacing and are available for surface mount or lay-in T-bar applications.

MODEL

980 - Single Deflection Supply Grille

FEATURES

- 304 Stainless steel construction (316 optional).
- Sturdy deflection blades spaced on 3/4" centers.
- Adjustable blades.
- Countersunk screw holes in mounting frame.
- Horizontal or vertical blades (H or V).

ACCESSORIES

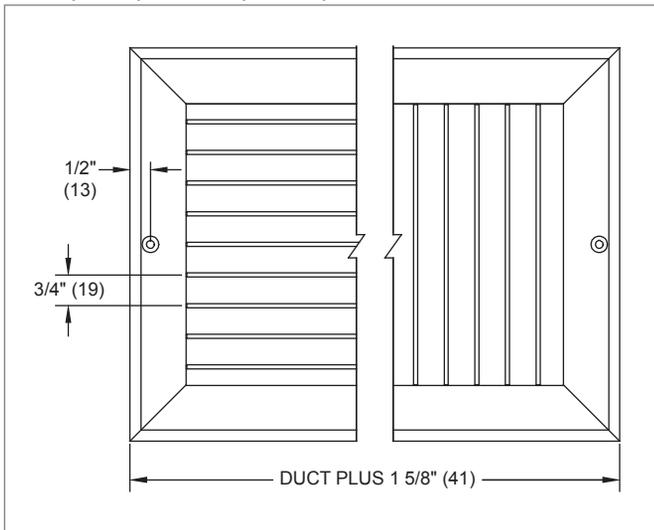
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

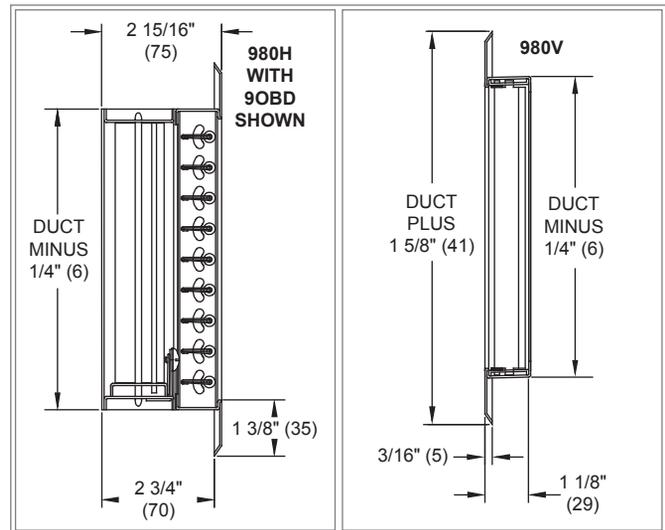
- Standard finish is #3 Satin Polish or #44 British White.

980 Dimensional Information

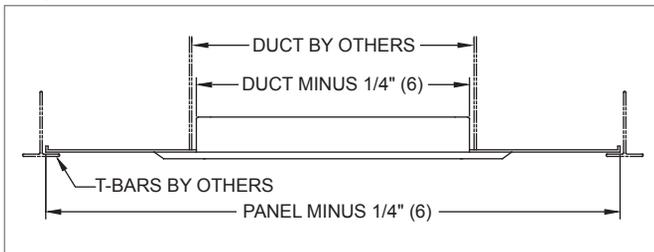
980H (LEFT) & 980V (RIGHT), FACE VIEW



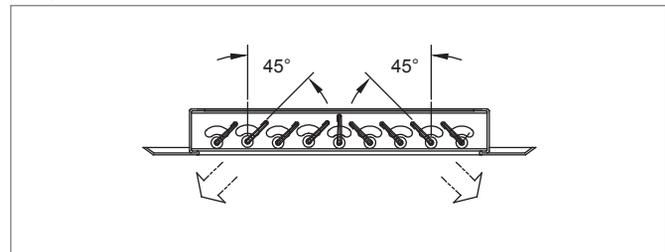
980, SIDE VIEW: FRAME 22, SURFACE MOUNT



980, SIDE VIEW: FRAME 23 LAY-IN T-BAR



980, BLADE DEFLECTION DETAIL



NOTE: Dimensions in parentheses are mm.

980 Suggested Specification & Configuration
1. SERIES: (XXX)

980 - Single Deflection Supply Grille with Adjustable Blades on 3/4" Centers

2. PATTERN: (X)

 H - Horizontal Blades
 V - Vertical Blades

3. WIDTH: (XX)

4" - 48" in 1" Increments

4. HEIGHT: (XX)

4" - 60" in 1" Increments

5. MATERIAL: (XXX)

 304 - Stainless Steel Grade 304
 316 - Stainless Steel Grade 316

6. FRAME STYLE: (XXX)

 F22 - Surface Mount
 F23 - Lay-in T-Bar

7. PANEL: (XX)x(XX)

 None
 24"x24" *
 24"x48" *

8. FASTENING METHOD: (XX)

 00 - No Screw Holes
 01 - Countersunk Screw Holes **

9. DAMPER: (XX)

 00 - No Damper
 01 - Stainless Steel OBD †

10. ACCESSORIES: (XX) (XX)

 00 - No Accessories
 01 - Plaster Frame
 02 - Square to Round Adapter ‡

11. FINISH: (XX)

 90 - #3 Satin Polish
 44 - British White

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

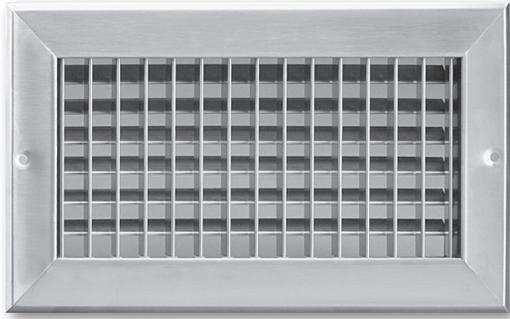
980

The single deflection supply grille shall be a Krueger model 980. This grille must have individually adjustable blades on 3/4" centers with plastic blade pivots. The blades shall be constructed of roll formed 304 stainless steel with minimum 0.050" thickness. The frame of the grille must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the supply grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.



9880V

Introduction: 9880

The 9880 series stainless steel double-adjustable grilles allow air spread to be set left, right, up and down concurrently for maximum versatility. These grilles feature 3/4" on center blade spacing and are available for surface mount or lay-in T-bar applications.

MODEL

9880 - Double Deflection Supply Grille

FEATURES

- 304 Stainless steel construction (316 optional).
- Sturdy front and rear deflection blades spaced on 3/4" centers.
- Adjustable blades.
- Countersunk screw holes in mounting frame.
- Horizontal or vertical blades (H or V).

ACCESSORIES

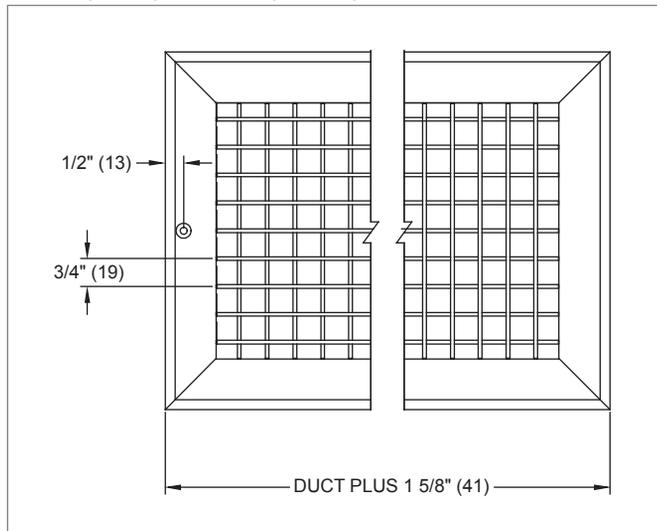
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

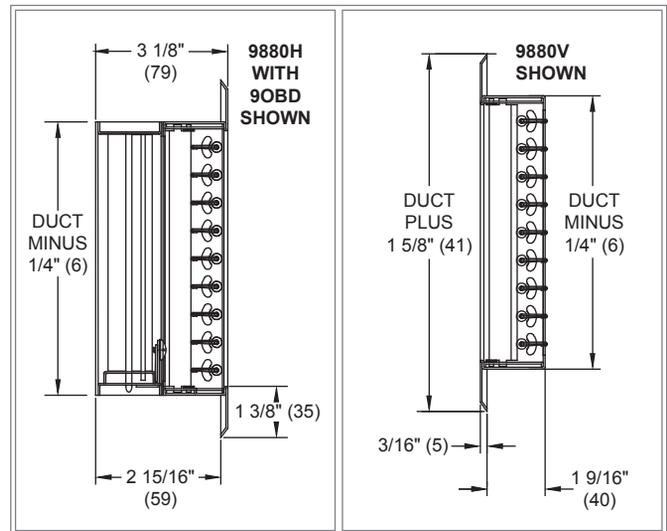
- Standard finish is #3 Satin Polish or #44 British White.

9880 Dimensional Information

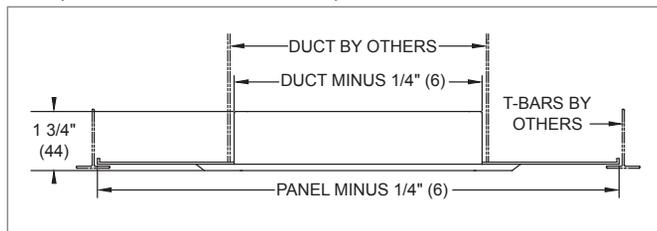
9880H (LEFT) & 9880V (RIGHT), FACE VIEW



9880, SIDE VIEW: FRAME 22, SURFACE MOUNT



9880, SIDE VIEW: FRAME 23, LAY-IN T-BAR



NOTE: Dimensions in parentheses are mm.

9880 Suggested Specification & Configuration
1. SERIES: (XXXX)

9880 - Double Deflection Supply Grille with Adjustable Blades on 3/4" Centers

2. PATTERN: (X)

 H - Horizontal Front Blades
 V - Vertical Front Blades

3. WIDTH: (XX)

4" - 48" in 1" Increments

4. HEIGHT: (XX)

4" - 48" in 1" Increments

5. MATERIAL: (XXX)

 304 - Stainless Steel Grade 304
 316 - Stainless Steel Grade 316

6. FRAME STYLE: (XXX)

 F22 - Surface Mount
 F23 - Lay-in T-Bar

7. PANEL: (XX)x(XX)

 None
 24"x24" *
 24"x48" *

8. FASTENING METHOD: (XX)

 00 - No Screw Holes
 01 - Countersunk Screw Holes **

9. DAMPER: (XX)

 00 - No Damper
 01 - Stainless Steel OBD †

10. ACCESSORIES: (XX) (XX)

 00 - No Accessories
 01 - Plaster Frame
 02 - Square to Round Adapter ‡

11. FINISH: (XX)

 90 - #3 Satin Polish
 44 - British White

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

9880

The double deflection supply grille shall be a Krueger model 9880. This grille must have individually adjustable blades on 3/4" centers with plastic blade pivots. The blades shall be constructed of roll formed 304 stainless steel with minimum 0.050" thickness. The frame of the grille must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the supply grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

9S80 | Return Grille, Fixed Blades

STAINLESS STEEL GRILLES & DIFFUSERS



9S80

Introduction: 9S80

The 9S80 series stainless steel fixed-blade grilles may be set to either 0° or 45° deflection for performance and aesthetic versatility. These grilles feature 3/4" on center blade spacing and are available for surface mount or lay-in T-bar applications.

MODEL

9S80 - Fixed Blade Return Grille

FEATURES

- 304 Stainless steel construction (316 optional).
- Sturdy deflection blades spaced on 3/4" centers.
- Countersunk screw holes in mounting frame.
- Horizontal or vertical blades at 45° (H or V).
- Horizontal or vertical blades at 0° (HZ or VZ).

ACCESSORIES

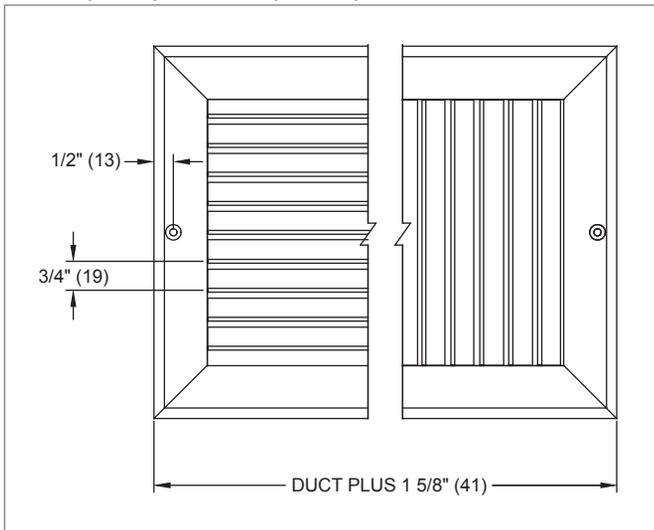
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

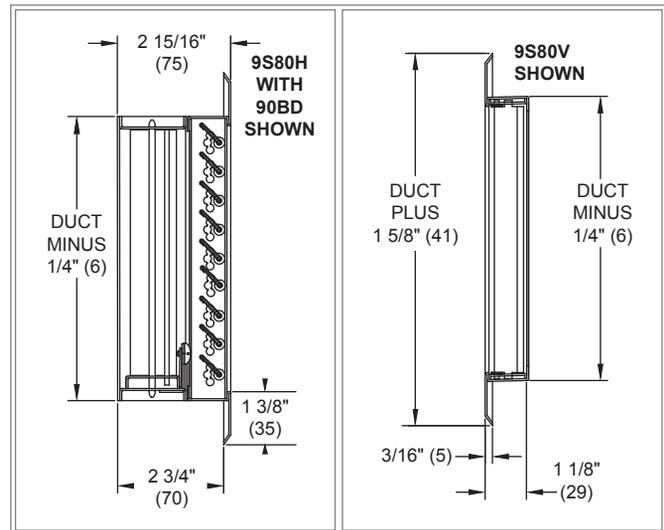
- Standard finish is #3 Satin Polish or #44 British White.

9S80 Dimensional Information

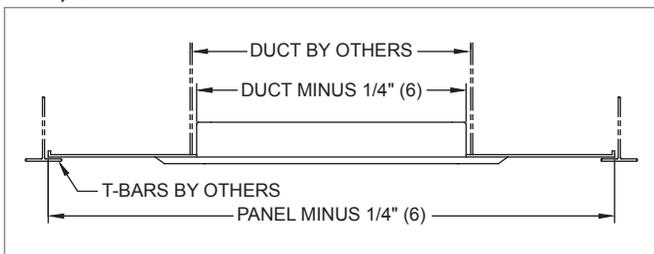
9S80H (LEFT) & 9S80V (RIGHT), FACE VIEW



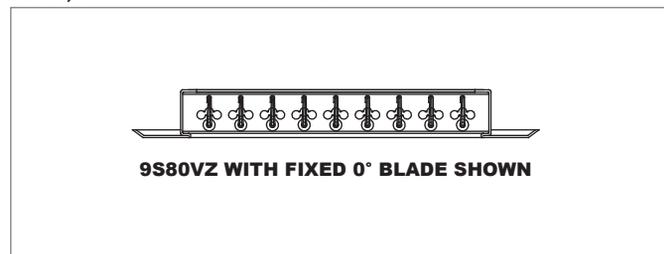
9S80, SIDE VIEW: FRAME 22, SURFACE MOUNT



9S80, SIDE VIEW: FRAME 23 LAY-IN T-BAR



9S80, 0° BLADE DEFLECTION DETAIL



NOTE: Dimensions in parentheses are mm.

9S80 Suggested Specification & Configuration
1. SERIES: (XXXX)

 9S80 - Single Deflection Return Grille
 with Blades on 3/4" Centers

2. PATTERN: (XX)

 H - 45° Horizontal Blades
 V - 45° Vertical Blades
 HZ - 0° Horizontal Blades
 VZ - 0° Vertical Blades

3. WIDTH: (XX)

4" - 48" in 1" Increments

4. HEIGHT: (XX)

4" - 60" in 1" Increments

5. MATERIAL: (XXX)

 304 - Stainless Steel Grade 304
 316 - Stainless Steel Grade 316

6. FRAME STYLE: (XXX)

 F22 - Surface Mount
 F23 - Lay-in T-Bar

7. PANEL: (XX)x(XX)

 None
 24"x24" *
 24"x48" *

8. FASTENING METHOD: (XX)

 00 - No Screw Holes
 01 - Countersunk Screw Holes **

9. DAMPER: (XX)

 00 - No Damper
 01 - Stainless Steel OBD †

10. ACCESSORIES: (XX) (XX)

 00 - No Accessories
 01 - Plaster Frame
 02 - Square to Round Adapter ‡

11. FINISH: (XX)

 90 - #3 Satin Polish
 44 - British White

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

9S80

The return grille shall be a Krueger model 9S80. This grille must have fixed 45° deflection (H and V models) or 0° deflection (HZ and VZ models) blades on 3/4" centers constructed of roll formed 304 stainless steel with minimum 0.050" thickness. The frame of the grille must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the return grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

9S80HF | Single Deflection, Hinged Return

STAINLESS STEEL GRILLES & DIFFUSERS



9S80HF

Introduction: 9S80HF

The 9S80HF series stainless steel fixed-blade grilles with filter rack and hinged face may be set to either 0° or 45° deflection for performance and aesthetic versatility. These grilles feature 3/4" on center blade spacing and are available for surface mount or lay-in T-bar applications.

MODEL

9S80HF - Hinge Face, Fixed Blade Return Grille

FEATURES

- 304 Stainless steel construction (316 optional).
- Sturdy deflection blades spaced on 3/4" centers.
- Countersunk screw holes.
- Horizontal or vertical blades at 45° (H or V).
- Horizontal or vertical blades at 0° (HZ or VZ).

ACCESSORIES

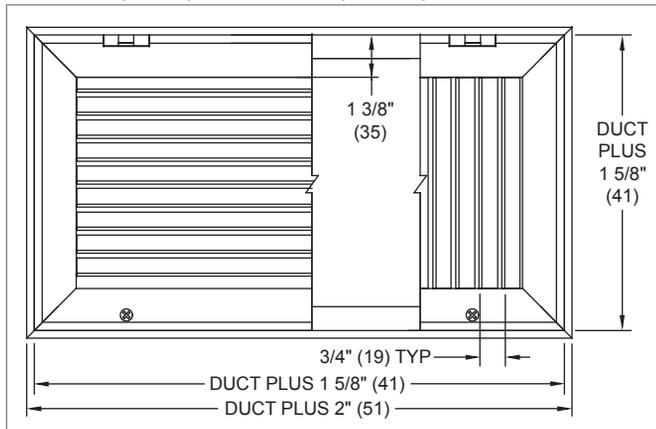
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Square to round adapter (model 9SRA).
- Filter clips for filter mounting.

FINISH

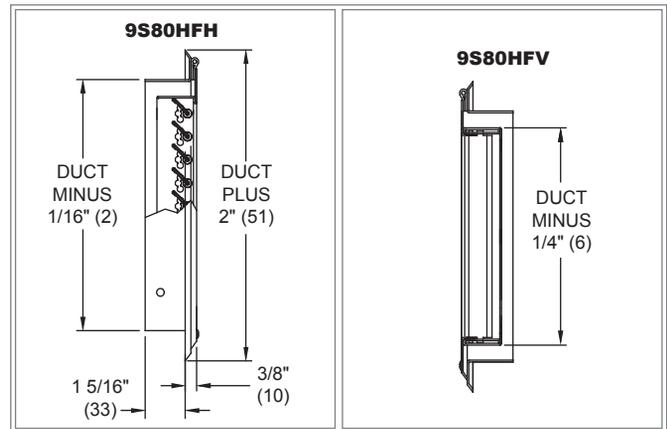
- Standard finish is #3 Satin Polish or #44 British White.

9S80HF Dimensional Information

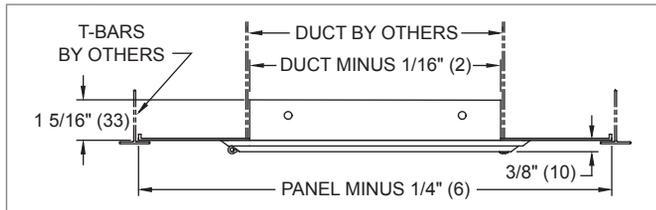
9S80HFH (LEFT) & 9S80HFV (RIGHT), FACE VIEW



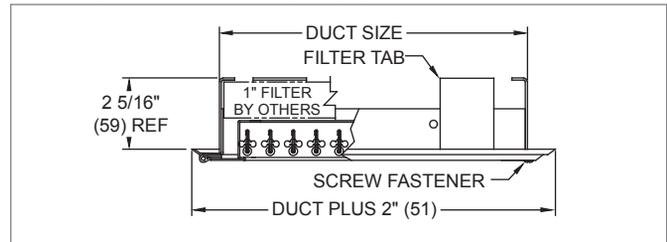
9S80HF, SIDE VIEW: FRAME 22, SURFACE MOUNT



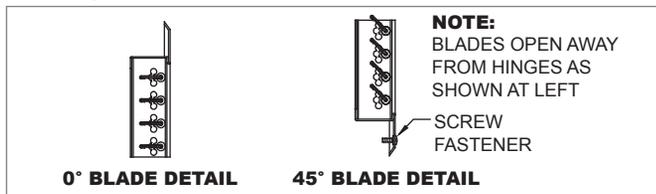
9S80HF, SIDE VIEW: FRAME 23 LAY-IN T-BAR



9S80HF, 0° DEFLECTION, 1" (25) FILTER TAB OPTION



9S80HF, BLADE DEFLECTION DETAIL



NOTE: Dimensions in parentheses are mm.

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9S80HF Suggested Specification & Configuration

- 1. SERIES: (XXXXXX)**
9S80HF - Hinged Face Return Grille
- 2. PATTERN: (XX)**
H - 45° Horizontal Blades
V - 45° Vertical Blades
HZ - 0° Horizontal Blades
VZ - 0° Vertical Blades
- 3. WIDTH: (XX)**
6" - 48" in 1" Increments
- 4. HEIGHT: (XX)**
6" - 48" in 1" Increments
- 5. MATERIAL: (XXX)**
304 - Stainless Steel Grade 304
316 - Stainless Steel Grade 316
- 6. FRAME STYLE: (XXX)**
F22 - Surface Mount
F23 - Lay-in T-Bar
- 7. PANEL: (XX)x(XX)**
None
24"x24" *
24"x48" *
- 8. FASTENING METHOD: (XX)**
00 - No Screw Holes
01 - Countersunk Screw Holes **
08 - 1 1/2" Turn, Hinged Top ***
12 - 1 1/2" Turn, No Hinge ***
- 9. DAMPER: (XX)**
00 - No Damper
01 - Stainless Steel OBD †
- 10. ACCESSORIES: (XX) (XX)**
00 - No Accessories
02 - Square to Round Adapter ‡
FC - Filter Clips
- 11. FINISH: (XX)**
90 - #3 Satin Polish
44 - British White

Maximum single size section is 36"x48".

* *Only available with Frame 23.*

** *Unit shipped with #6x1 1/4" stainless steel sheet metal screws.*

*** *Fastening Method codes '08' and '12' use 1 1/2" turn captive machine screws.*

† *Damper is welded to unit.*

‡ *Square to Round Adapter is not available with OBD.*

9S80HF

The hinged face return grille shall be a Krueger model 9S80HF. This grille must have fixed 45° deflection (H and V models) or 0° deflection (HZ and VZ models) blades on 3/4" centers constructed of roll formed 304 stainless steel with minimum 0.050" thickness. The frame of the grille must be constructed of 18 gage 304 stainless steel and attach to a 20 gage 304 stainless steel sub-frame with stainless steel hinges and #8-32 stainless captive screws. The sub-frame shall have countersunk screw holes (#6 x 1 1/4" stainless sheet metal screws provided by manufacturer). The frame and sub-frame assembly must produce a border not exceeding 1 9/16" around all sides of the grille with mitered corners.

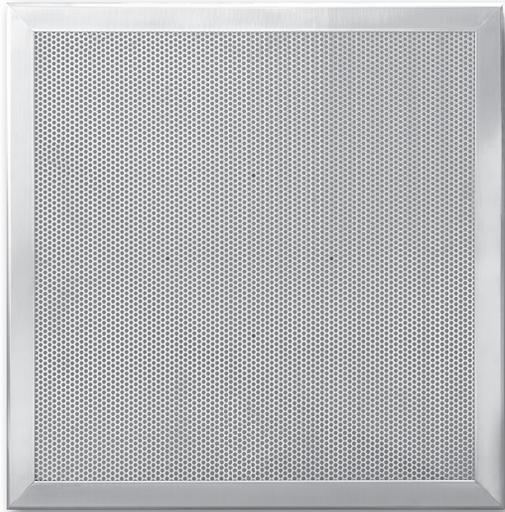
Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the return grille and operable from the face.

Optional filter clips available for the sub-frame so assembly can accept a 1" thick filter.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.



9S84P

Introduction: 9S84P

The 9S84P series stainless steel perforated diffuser features a one piece, 4-way deflector mounted to the back of the perforated face to give the aesthetics of a perforated diffuser with a 4-way blow pattern. They feature 51% free-area and are available for surface mount or lay-in T-bar applications.

MODEL

9S84P - Perforated Supply Diffuser

FEATURES

- 3/16" Holes on 1/4" staggered centers (51% free area).
- 304 Stainless steel construction (316 optional).
- 4-Way deflection.
- Countersunk screw holes in mounting frame.

ACCESSORIES

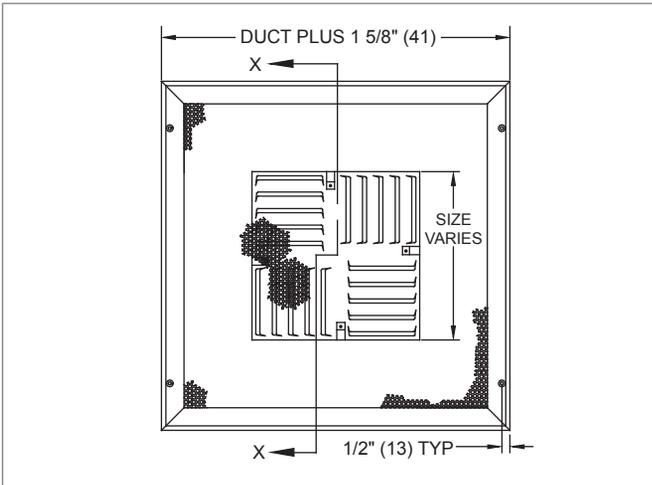
- Stainless steel OBD welded to unit, adjustable from face of diffuser (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

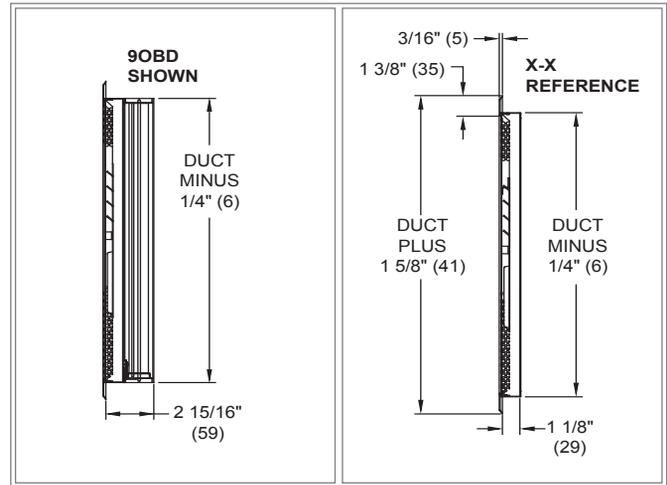
- Standard finish is #3 Satin Polish or #44 British White.

9S84P Dimensional Information

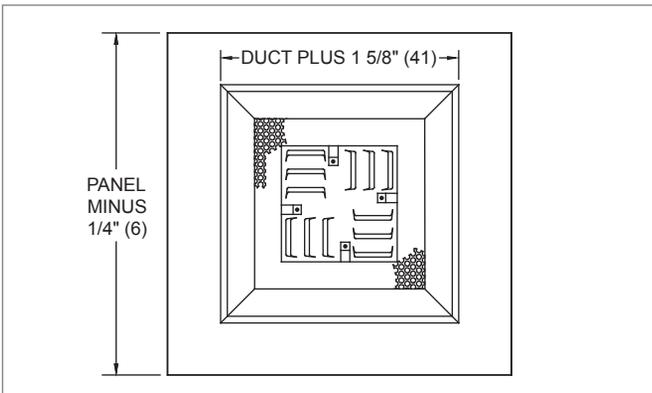
9S84P, FACE VIEW: FRAME 22 SURFACE MOUNT



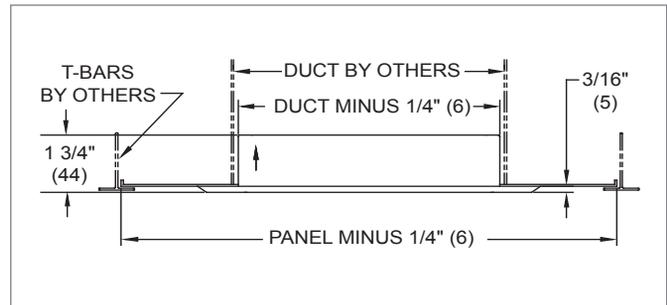
9S84P, SIDE VIEW: FRAME 22 SURFACE MOUNT



9S84P, FACE VIEW: FRAME 23 LAY-IN T-BAR



9S84P, SIDE VIEW: FRAME 23 LAY-IN T-BAR



NOTE: Dimensions in parentheses are mm.

9S84P Suggested Specification & Configuration

- 1. SERIES: (XXXXX)**
9S84P - Perforated, Square Neck Supply Diffuser
- 2. PATTERN: (X)**
4 - 4-Way
- 3. WIDTH: (XX)**
4" - 48" in 1" Increments
- 4. HEIGHT: (XX)**
4" - 60" in 1" Increments
- 5. MATERIAL: (XXX)**
304 - Stainless Steel Grade 304
316 - Stainless Steel Grade 316
- 6. FRAME STYLE: (XXX)**
F22 - Surface Mount
F23 - Lay-in T-Bar
- 7. PANEL: (XX)x(XX)**
None
24"x24" *
24"x48" *
- 8. FASTENING METHOD: (XX)**
00 - No Screw Holes
01 - Countersunk Screw Holes **
- 9. DAMPER: (XX)**
00 - No Damper
01 - Stainless Steel OBD †
- 10. ACCESSORIES: (XX) (XX)**
00 - No Accessories
01 - Plaster Frame
02 - Square to Round Adapter ‡
- 11. FINISH: (XX)**
90 - #3 Satin Polish
44 - British White

Maximum single unit size is 48"x60".

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

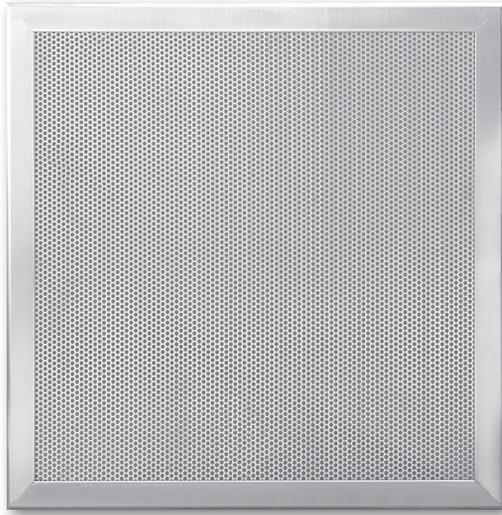
9S84P

The perforated face supply diffuser shall be a Krueger model 9S84P. This diffuser must have 3/16" holes on 1/4" staggered centers resulting in a 51% free area face made of 20 gage 304 stainless steel. A 304 stainless steel 4-way air deflector shall be attached to the perforated face using stainless steel pop rivets. The frame of the diffuser must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the diffuser with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the supply diffuser and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.



9S80P

Introduction: 9S80P

The 9S80P series stainless steel perforated diffusers feature 51% free-area and are used for return applications where bar-style grilles are not required. They are available for surface mount or lay-in T-bar applications.

MODEL

9S80P - Perforated Return Grille

FEATURES

- 3/16" Holes on 1/4" staggered centers (51% free area).
- 304 Stainless steel construction (316 optional).
- Countersunk screw holes in mounting frame.

ACCESSORIES

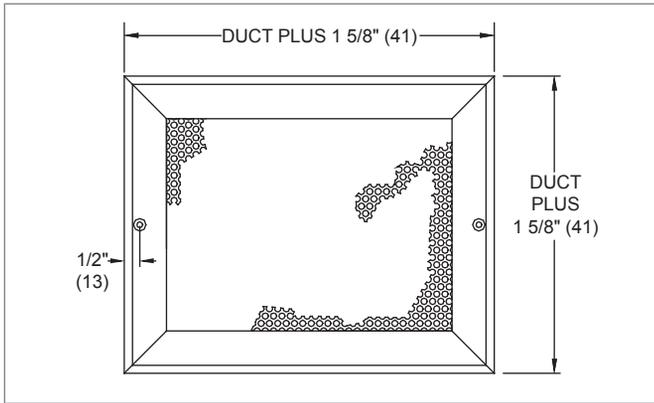
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

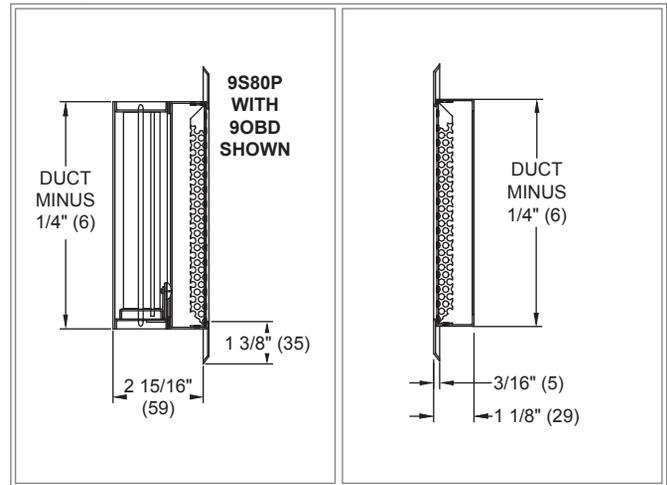
- Standard finish is #3 Satin Polish or #44 British White.

9S80P Dimensional Information

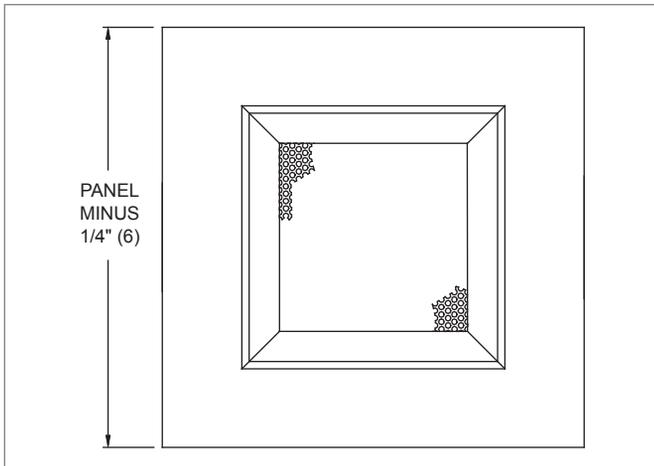
9S80P, FACE VIEW: FRAME 22 SURFACE MOUNT



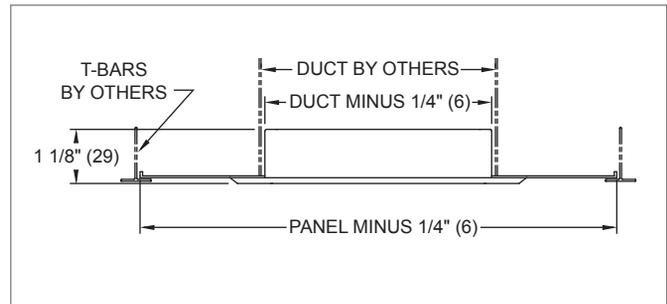
9S80P, SIDE VIEW: FRAME 22 SURFACE MOUNT



9S80P, FACE VIEW: FRAME 23 LAY-IN T-BAR



9S80P, SIDE VIEW: FRAME 23 LAY-IN T-BAR



NOTE: Dimensions in parentheses are mm.

9S80P Suggested Specification & Configuration

- 1. SERIES: (XXXXX)**
9S80P - Perforated Return Grille
- 2. WIDTH: (XX)**
4" - 48" in 1" Increments
- 3. HEIGHT: (XX)**
4" - 60" in 1" Increments
- 4. MATERIAL: (XXX)**
304 - Stainless Steel Grade 304
316 - Stainless Steel Grade 316
- 5. FRAME STYLE: (XXX)**
F22 - Surface Mount
F23 - Lay-in T-Bar
- 6. PANEL: (XX)x(XX)**
None
24"x24" *
24"x48" *
- 7. FASTENING METHOD: (XX)**
00 - No Screw Holes
01 - Countersunk Screw Holes **
- 8. DAMPER: (XX)**
00 - No Damper
01 - Stainless Steel OBD †
- 9. ACCESSORIES: (XX) (XX)**
00 - No Accessories
01 - Plaster Frame
02 - Square to Round Adapter ‡
- 10. FINISH: (XX)**
90 - #3 Satin Polish
44 - British White

Maximum single unit size is 48"x60".

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

9S80P

The return grille shall be a Krueger model 9S80P. This grille must have 3/16" holes on 1/4" staggered centers resulting in a 51% free area face constructed of 20 gage 304 stainless steel. The frame of the grille must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the return grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

9700, 9700A, 9700D | Door Grilles

STAINLESS STEEL GRILLES & DIFFUSERS



9700

FEATURE

- 304 Stainless steel construction (316 optional).

FINISH

- Standard finish is #3 Satin Polish or #44 British White.

Introduction: 9700, 9700A, 9700D

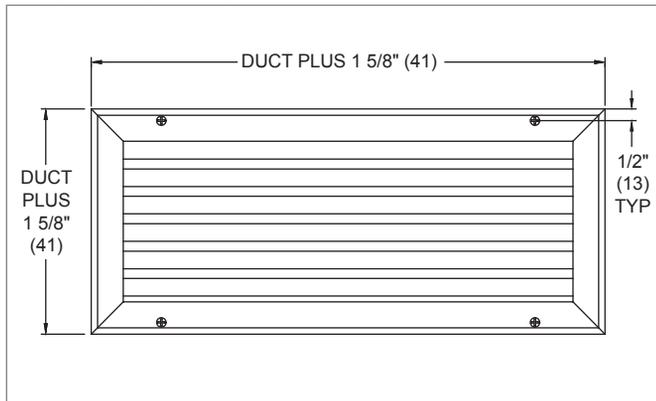
The 9700 series transfer grilles are designed to ensure visual privacy while providing air circulation from one area to another. The 9700 provides a single side mounting frame for use where appearance is an issue on only one side, as in a utility or storage closet. The 9700A provides a double sided mounting frame (with no deflectors) to fit varying door thickness (minimum 2”), where a finished look is required on both sides, as in an office or kitchen door. The 9700D is a double core configuration to give the appearance of a finished grille on both sides. The sight-proof blade configuration and unobtrusive appearance make Krueger’s 9700 series grille an ideal choice for wall or door air transfer from room to room.

MODELS

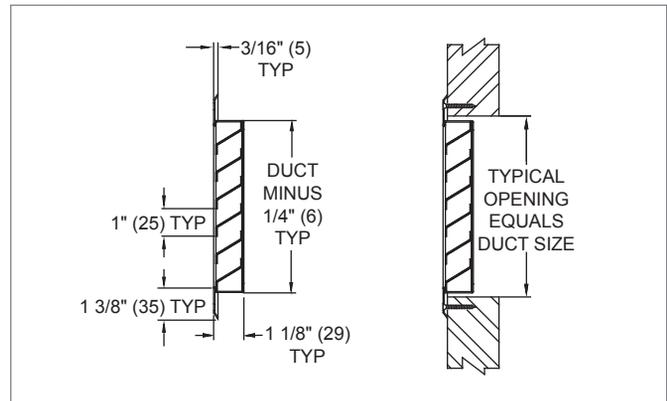
- 9700 - Single Core with Beveled Frame
- 9700A - Single Core with 1 3/8” Margin Auxiliary Frame, Adjusts to Fit Door Thickness from 1 3/8” to 2 1/4”
- 9700D - Double Core with Beveled Frame, Minimum Door Thickness of 2”

9700, 9700A, 9700D Dimensional Information

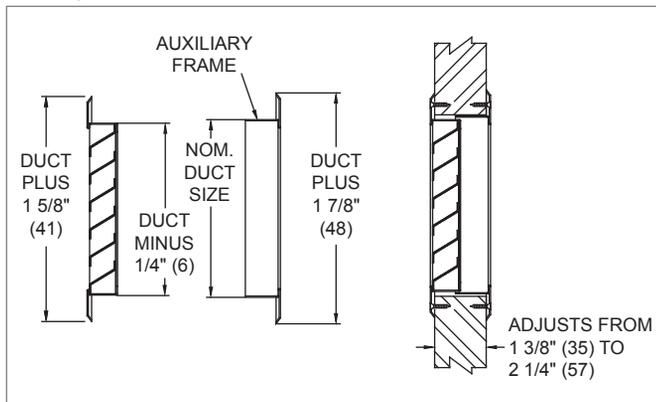
9700, 9700A, 9700D, FACE VIEW



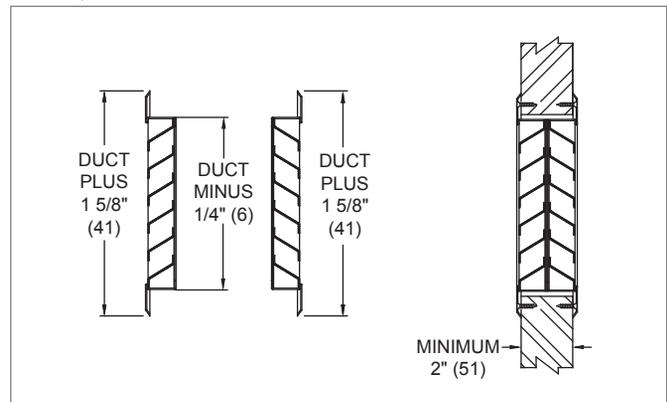
9700, CROSS SECTION



9700A, CROSS SECTION



9700D, CROSS SECTION



NOTE: Dimensions in parentheses are mm.

9700D

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9700, 9700A, 9700D Suggested Specification & Configuration
1. SERIES: (XXXXX)

- 9700 - Single Core Door Grille
- 9700A - Single Core Door Grille with Auxiliary Frame
- 9700D - Double Core Door Grille

2. PATTERN: (X)

- H - Horizontal Front Blades
- V - Vertical Front Blades

3. WIDTH: (XX)

- 4" - 48" in 1" Increments

4. HEIGHT: (XX)

- 4" - 60" in 1" Increments

5. MATERIAL: (XXX)

- 304 - Stainless Steel Grade 304
- 316 - Stainless Steel Grade 316

6. FINISH: (XX)

- 90 - #3 Satin Polish
- 44 - British White

9700

The door grille shall be a Krueger model 9700. This grille shall have 20 gage, 304 stainless steel louvered blades spaced no further than 1" apart to provide a sight-proof barrier. The frame of the grille must be constructed of 20 gage 304 stainless steel and have countersunk screw holes. This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners.

9700A

Model 9700A is the same as 9700 but comes with a 18 gage 304 stainless steel auxiliary frame for mounting on the back side of the door grille.

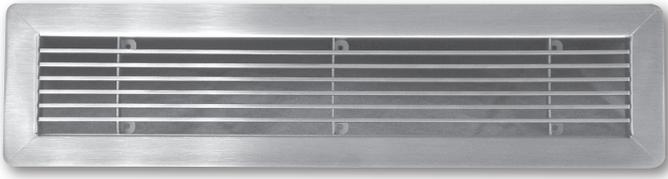
9700D

Model 9700D is the same as 9700 but comes with a second core and frame constructed of 304 stainless steel with 20 gage louvered blades and 18 gage frame for mounting on the back side of the door grille to provide a sight-proof barrier.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.



91620

Introduction: 91610, 91620, 91520

The 91610, 91620 and 91520 architectural linear stainless steel bar grilles are designed to provide a clean, strong, horizontal look while offering optimum performance. The availability of a variety of frames allow the grilles to blend, compliment, or contrast with the ceiling, sidewall, or sill installations. These grilles can be used on supply or return portions of heating, cooling or ventilation systems. The 91610, 91620 and 91520 series linear stainless steel bar grille is an excellent choice for installation in soffit/sill applications where airflow is required to wash over a window in a high humidity location.

ACCESSORIES

- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Blank-off strip.
- Linear straightening grid.

OPTION

- Concealed fastening.

FINISH

- Standard finish is #3 Satin Polish or #44 British White.

MODELS

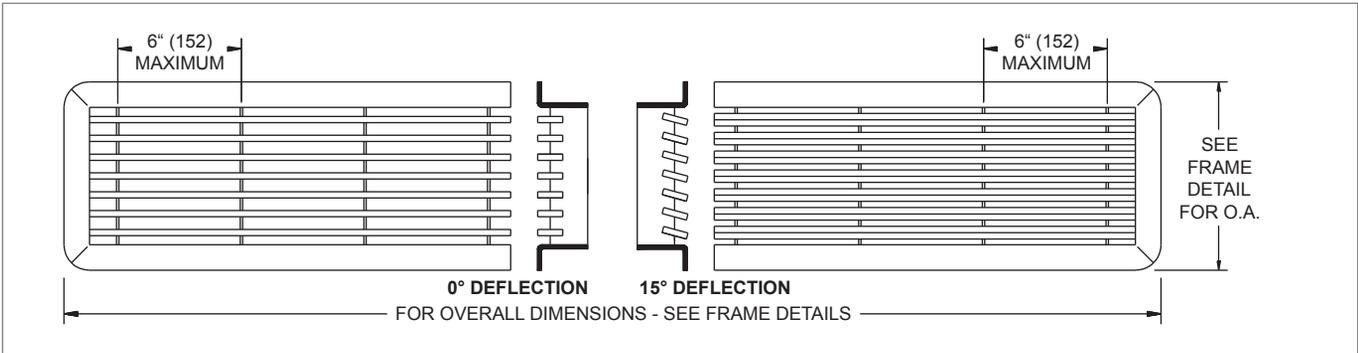
- 91610 - Supply or Return Linear Bar Grille with 0° or 15° Blade Deflection, 3/8" Bar Spacing, and 1/8" bar thickness
- 91620 - Supply or Return Linear Bar Grille with 0° or 15° Blade Deflection, 1/2" Bar Spacing, and 1/8" Bar Thickness
- 91520 - Supply or Return Linear Bar Grille with 0° Blade Deflection, 1/2" Bar Spacing, and 1/4" Bar Thickness

FEATURES

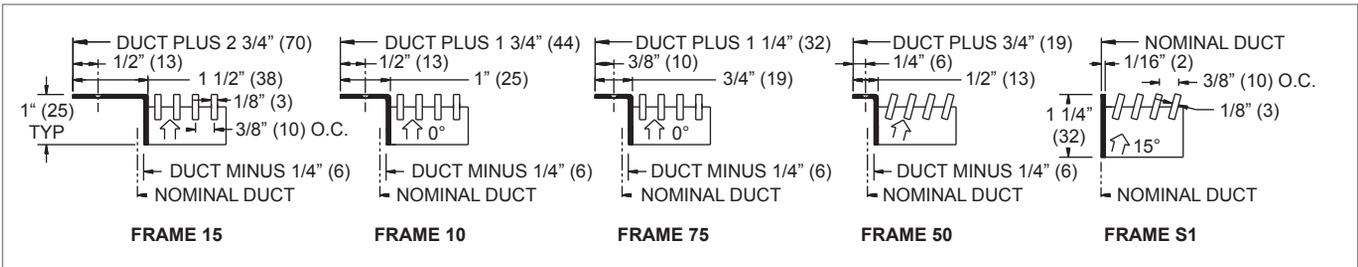
- Section lengths from 4" - 72"; section widths from 4" - 24".
- 304 Stainless steel construction (316 optional).

91610 Dimensional Information

91610, FACE VIEW



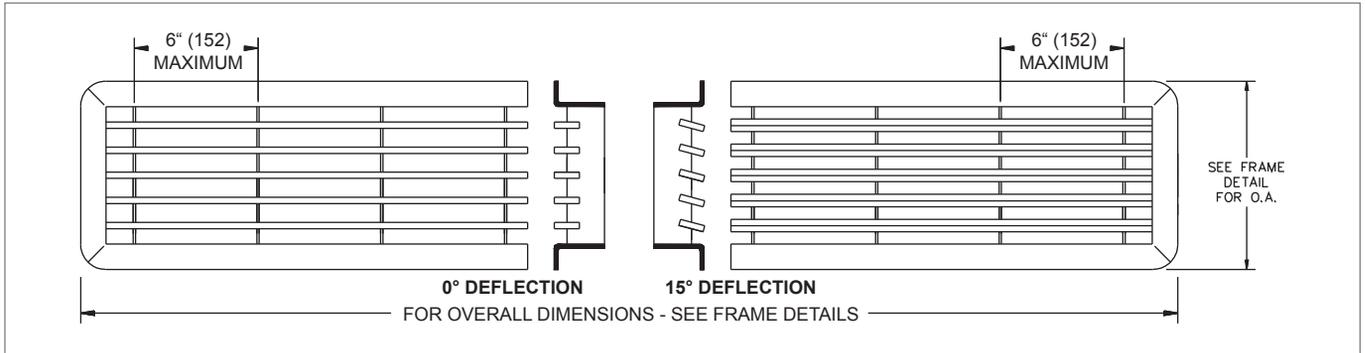
91610, FRAME STYLES



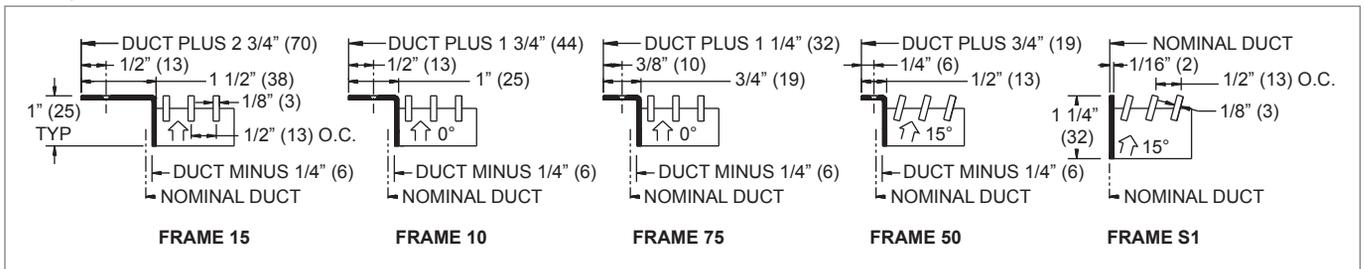
NOTE: Dimensions in parentheses are mm.

91620 Dimensional Information

91620, FACE VIEW



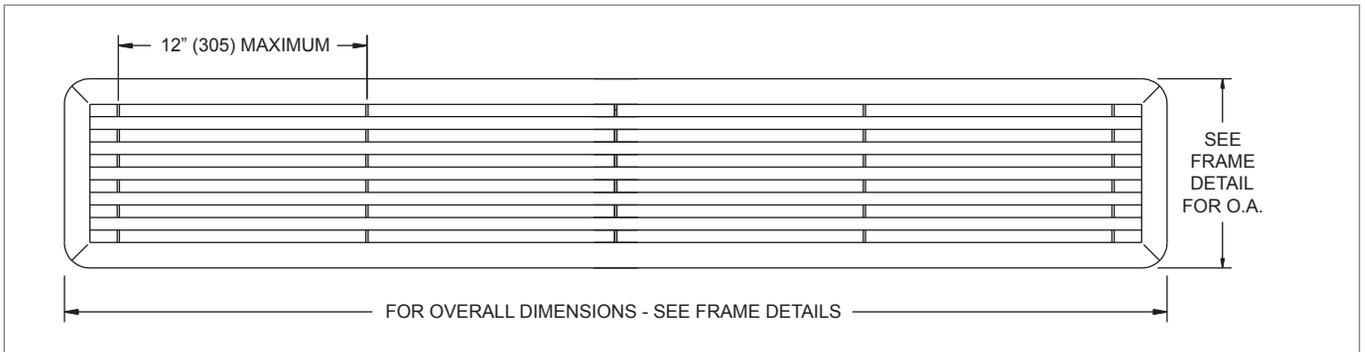
91620, FRAME STYLES



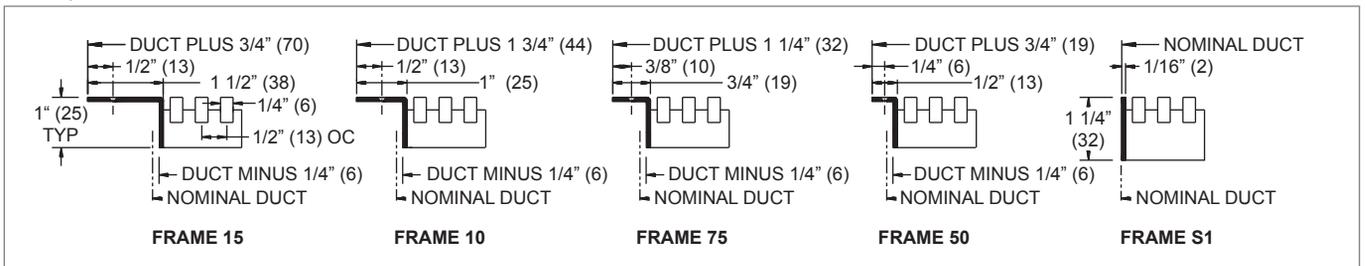
NOTE: Dimensions in parentheses are mm.

91520 Dimensional Information

91520, FACE VIEW



91520, FRAME STYLES



NOTE: Dimensions in parentheses are mm.

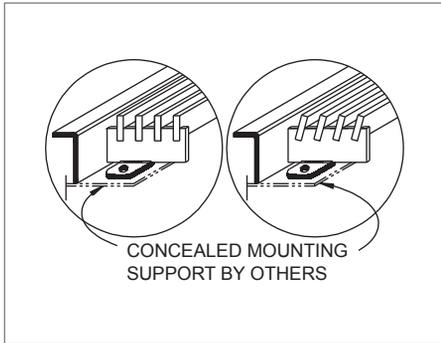
STAINLESS STEEL GRILLES & DIFFUSERS

91610-91520

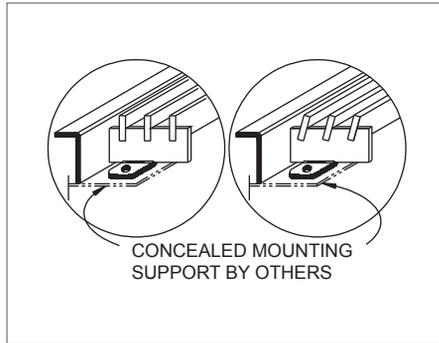
91610, 91620, 91520 | Linear Bar Grilles

91610, 91620, 91520 Concealed Fastening Details

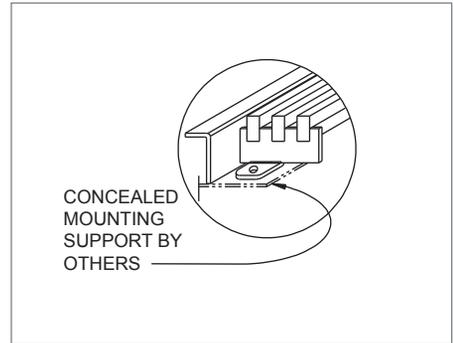
91610, CONCEALED FASTENING



91620, CONCEALED FASTENING

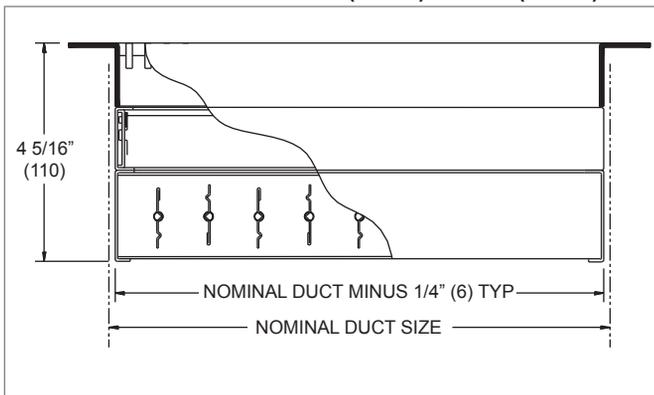


91520, CONCEALED FASTENING



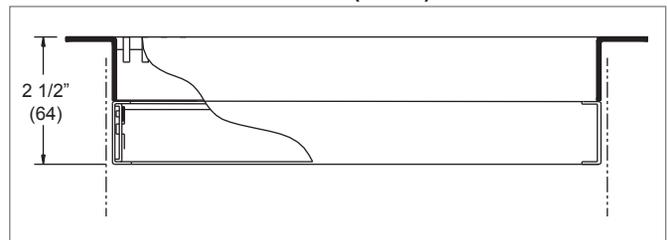
91610, 91620, 91520 Straightening Grid & OBD Details

91610, 91620, 91520 WITH STRAIGHTENING GRID (9SSG) & OBD (9OBD)

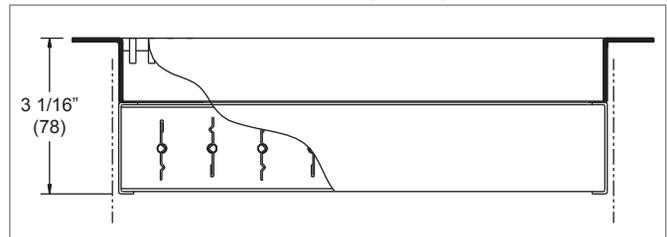


NOTE: Dimensions in parentheses are mm.

91610, 91620, 91520 WITH STRAIGHTENING GRID (9SSG)



91610, 91620, 91520 WITH OBD (9OBD)



STAINLESS STEEL GRILLES & DIFFUSERS

9
1
6
1
0
-
9
1
5
2
0

91610, 91620, 91520 Suggested Specification & Configuration
1. SERIES: (XXXXX)

91610 - Linear Bar Grille, 1/8" Bars & 3/8" Spacing

91620 - Linear Bar Grille, 1/8" Bars & 1/2" Spacing

91520 - Linear Bar Grille, 1/4" Bars & 1/2" Spacing

2. WIDTH: (XX.XXX)

4" - 72" in 1/16" Increments

3. HEIGHT: (XX.XX)

4" - 24" in 1/4" Increments

4. MATERIAL: (XXX)

304 - Stainless Steel Grade 304

316 - Stainless Steel Grade 316

5. DEFLECTION: (XX)

00 - 0° Deflection

15 - 15° Deflection *

6. FRAME STYLE: (XXX)

F15 - 1 1/2" Flange

F10 - 1" Flange

F75 - 3/4" Flange

F50 - 1/2" Flange

S1 - Straight, No Flange

7. FASTENING METHOD: (XX)

00 - None

02 - Surface Mount, Concealed **

03 - Screw Hole Mounting ***

8. END BORDER: (X)

0 - End Cap, Both Sides

B - Butt Cut, Both Sides

L - Butt Cut, Left Side

R - Butt Cut, Right Side

9. DAMPER: (XX)

00 - No Damper

01 - Stainless Steel OBD †

10. ACCESSORIES: (X)

0 - No Accessories

B - Blank-off Strip

L - Linear Straightening Grid †

11. FINISH: (XX)

90 - #3 Satin Polish

44 - British White

* 91520 not available with 15° deflection.

** Surface Mount, Concealed Fastening is not available with 15° deflection.

*** Screw Hole Fastening Method not available with Frame S1.

† Damper is welded to unit and is not available with Blank-off Strip Accessory or Surface Mount, Concealed Fastening Method.

‡ Not available with both Blank-off Strip & Straightening Grid

91610

The linear bar grille shall be Krueger model 91610 with 1/8" thick fixed bars at 0° or 15° deflection spaced on 3/8" centers. The 91610 shall be constructed of 304 stainless steel with the maximum length of 72". When end pieces require an end cap, the end cap must be welded to the linear frame. Screw attachment of end caps will not be accepted.

The 91610 linear bar core shall be welded to the 304 stainless steel frame with the fixed deflection bars running parallel to the longest dimension. Support bars for the core must not exceed 6" on center spacing.

Optional linear opposed blade damper (9OBD) shall be constructed of 304 stainless steel and welded to the 91610. Damper shall be operable from the face of the grille.

Optional 316 stainless steel construction available.

91620

The linear bar grille shall be Krueger model 91620 with 1/8" thick fixed bars at 0° or 15° deflection spaced on 1/2" centers. The 91620 shall be constructed of 304 stainless steel with the maximum length of 60". When end pieces require an end cap, the end cap must be welded to the linear frame. Screw attachment of end caps will not be accepted.

The 91620 linear bar core shall be welded to the 304 stainless steel frame with the fixed deflection bars running parallel to the longest dimension. Support bars for the core must not exceed 6" on center spacing.

Optional linear opposed blade damper (9OBD) shall be constructed of 304 stainless steel and welded to the 91620. Damper shall be operable from the face of the grille.

Optional 316 stainless steel construction available.

91520

The linear bar grille shall be Krueger model 91520 with 1/4" thick fixed bars at 0° deflection spaced on 1/2" centers. The 91520 shall be constructed of 304 stainless steel with the maximum length of 60". When end pieces require an end cap, the end cap must be welded to the linear frame. Screw attachment of end caps will not be accepted.

The 91520 linear bar core shall be welded to the 304 stainless steel frame with the fixed deflection bars running parallel to the longest dimension. Support bars for the core must not exceed 12" on center spacing.

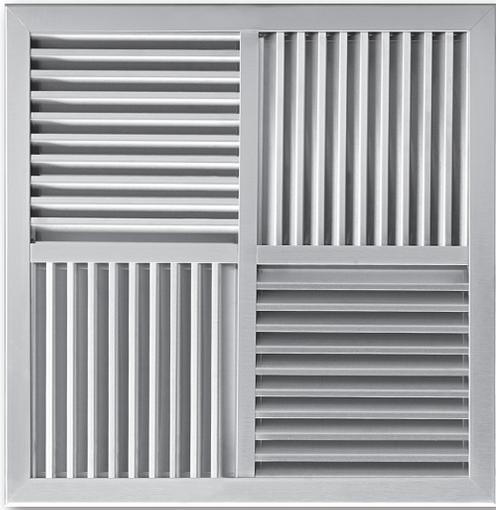
Optional linear opposed blade damper (9OBD) shall be constructed of 304 stainless steel and welded to the 91520. Damper shall be operable from the face of the grille.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

SAMPLE CONFIGURATION: 91620 - 55.125x8.25 - 304 - 15 - F10 - 03 - 0 - 00 - 0 - 90



91240

Introduction: 91240

The 91240 series diffuser features an exposed blade, architectural appearance and moderate throws for use in a variety of commercial applications. The four fixed cores can be situated to provide one-way to four-way blow patterns. The 91240 series diffuser is available for surface mount or T-bar applications.

MODEL

91240 - Fixed Core Diffuser

FEATURES

- 1, 2, 3, or 4-Way discharge air patterns.
- 304 Stainless steel construction (316 optional).
- Countersunk screw holes in mounting frame.

ACCESSORIES

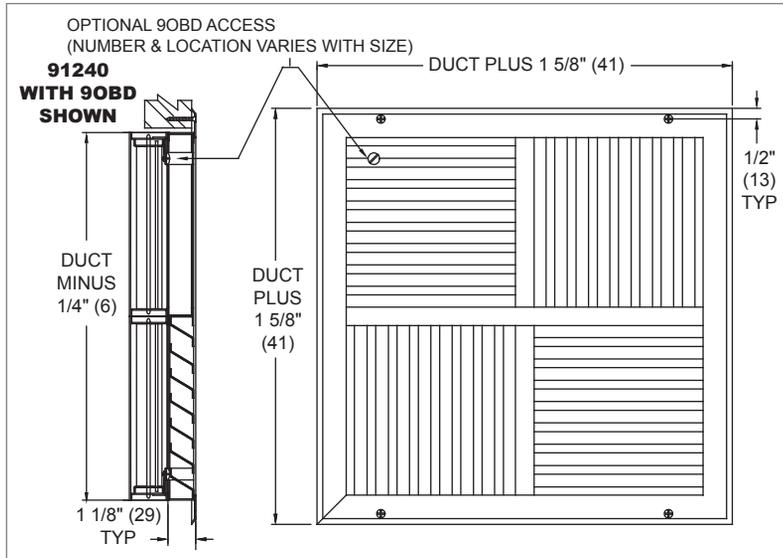
- Stainless steel OBD welded to unit, adjustable from face of diffuser (model 90BD).
- Plaster frame (model 98PF).
- Square to round adapter (model 9SRA).

FINISH

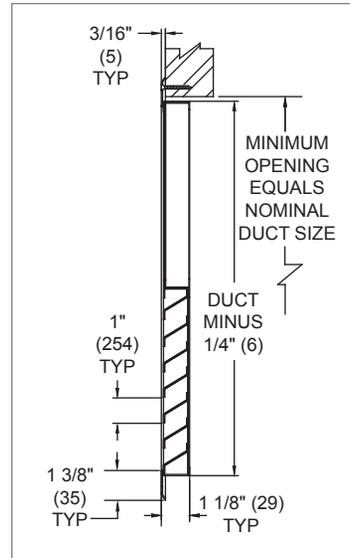
- Standard finish is #3 Satin Polish or #44 British White.

91240 Dimensional Information

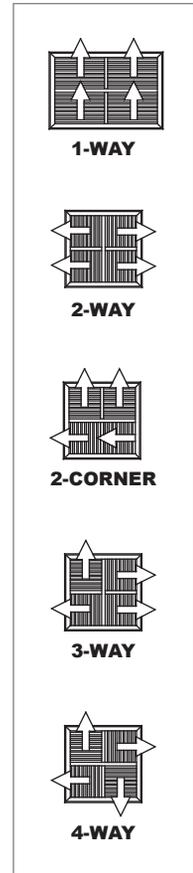
91240, FACE VIEW & CROSS SECTION: FRAME 22 SURFACE MOUNT



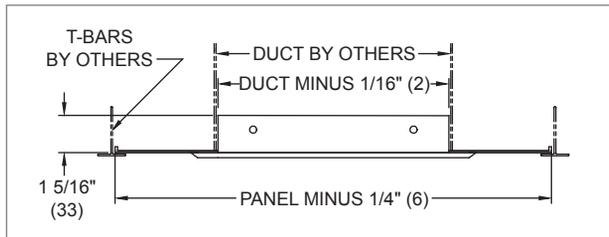
91240, CROSS SECTION: FRAME 22 SURFACE MOUNT



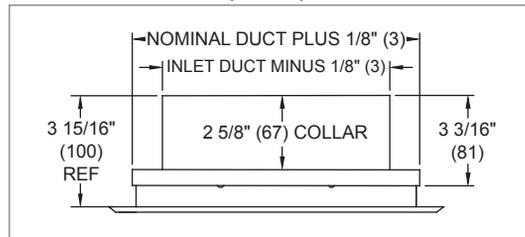
DISCHARGE AIR PATTERNS



91240, SIDE VIEW: FRAME 23 LAY-IN T-BAR



91240 WITH SQUARE TO ROUND ADAPTER (9SRA)



NOTE: Dimensions in parentheses are mm.

91240 Suggested Specification & Configuration

1. SERIES: (XXXXX)
 91240 - Fixed Louvered Core Ceiling Diffuser

2. PATTERN: (XX)

- 01 - 1-Way
- 02 - 2-Way
- 2C - 2-Corner
- 03 - 3-Way
- 04 - 4-Way

3. WIDTH: (XX)

4" - 48" in 1" Increments

4. HEIGHT: (XX)

4" - 60" in 1" Increments

5. MATERIAL: (XXX)

- 304 - Stainless Steel Grade 304
- 316 - Stainless Steel Grade 316

6. FRAME STYLE: (XXX)

- F22 - Surface Mount
- F23 - Lay-in T-Bar

7. PANEL: (XX)x(XX)

- None
- 24"x24"

8. FASTENING METHOD: (XX)

- 00 - No Screw Holes
- 01 - Countersunk Screw Holes *

9. DAMPER: (XX)

- 00 - No Damper
- 01 - Stainless Steel OBD **

10. ACCESSORIES: (XX) (XX)

- 00 - No Accessories
- 01 - Plaster Frame
- 02 - Square to Round Adapter ***

11. FINISH: (XX)

- 90 - #3 Satin Polish
- 44 - British White

* Unit is shipped with #6x1 1/4" stainless steel sheet metal screws.

** Damper is welded to unit.

*** Square to Round Adapter is not available with OBD.

91240

The stainless steel fixed louvered core supply diffuser shall be Krueger model 91240. The diffuser's core shall be constructed of 304 stainless steel and be available with 1, 2, 3, and 4-way blow patterns. Blow patterns shall be fixed at manufacturing location and not be adjustable. The frame of the diffuser must be constructed of 20 gage 304 stainless steel with countersunk screw holes (#6x1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the bar grille and operable from the face.

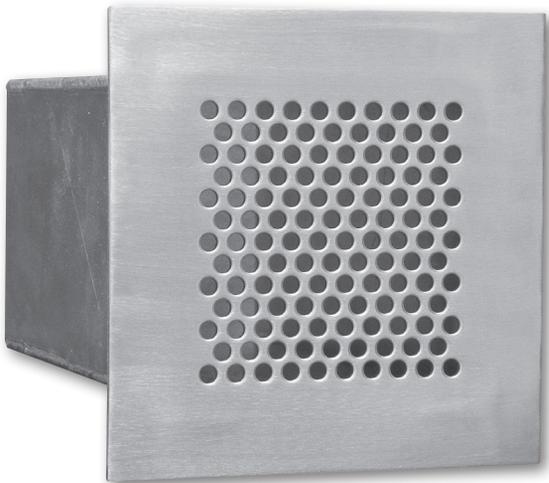
Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

91310 | Maximum Security Grille

STAINLESS STEEL GRILLES & DIFFUSERS



91310

Introduction: 91310

The 91310 series maximum security grille features a perforated face plate that makes finger penetration difficult in areas that need a secure environment and 100% stainless steel construction. The 46% free area perforation provides minimum pressure loss, making the 91310 an ideal choice for secure areas that require large amounts of supply or return air.

MODEL

91310 - Maximum Security Grille

FEATURES

- 10 Gage perforated face and 5/16" holes on 7/16" staggered centers.
- 10 Gage stitch welded sleeve.
- 304 Stainless steel construction (316 optional).

ACCESSORIES

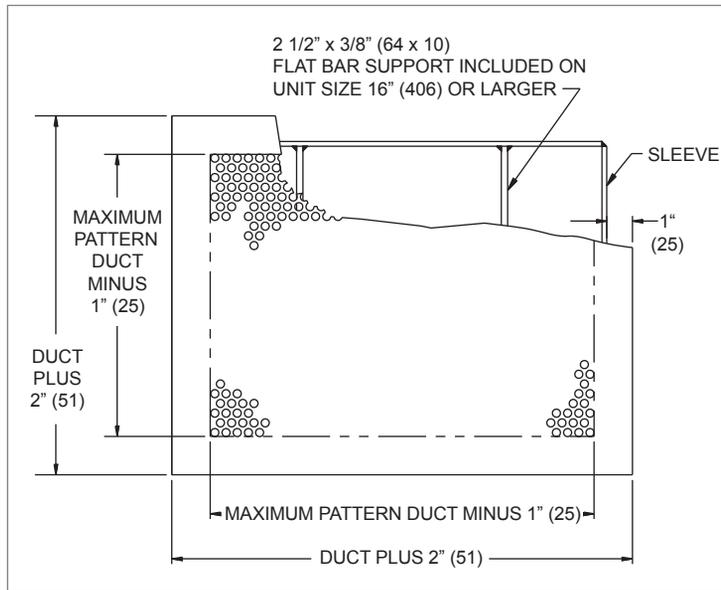
- Angle frame, shipped loose.
- Security bars on 6" centers.
- Anchor bars.
- Two angles, shipped loose.
- Front or rear operated OBD (90BD).

FINISH

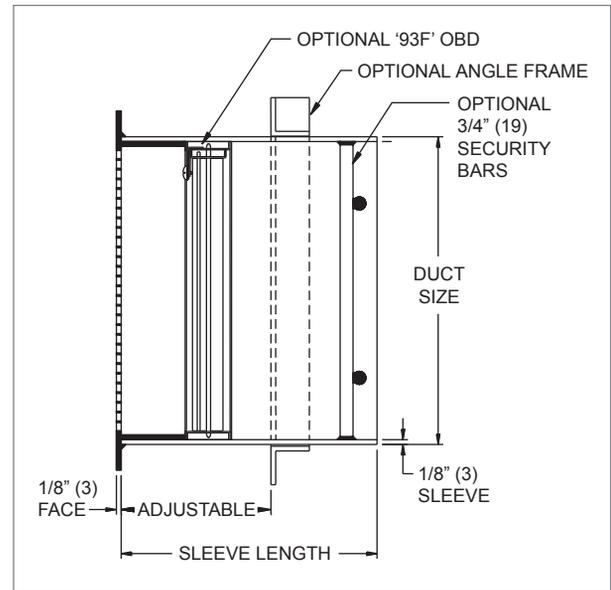
- Standard finish is #3 Satin Polish.

91310 Dimensional Information

91310, FACE VIEW



91310, CROSS SECTION



NOTE: Dimensions in parentheses are mm.

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91310 Suggested Specification & Configuration
1. SERIES: (XXXXX)

91310 - Supply/Return Security Grille

2. PATTERN: SLEEVE GAGE (XX)

10 - 10 Gage

3. WIDTH: (XX)

6" - 30" in 2" Increments, or 9" *

4. HEIGHT: (XX)

4" - 30" in 2" Increments, or 9" *

5. SLEEVE LENGTH: (XX)

6", 8", 10", 12", or 18"

6. MATERIAL: (XXX)

304 - Stainless Steel Grade 304

316 - Stainless Steel Grade 316

7. DAMPER: (XXX)

00 - No Damper

93L - Front Operated, Stainless Steel OBD **

93R - Rear Operated, Stainless Steel OBD **

8. ACCESSORIES: (XX) (XX)

00 - No Accessories

 L - Angle Frame, Shipped Unpainted
& Loose for Field Installation

01 - Security Bars, 3/4" Diameter on 6" Centers

02 - Anchor Bars, 3/4" Diameter x 3" Long

 07 - Two Loose Angles, Shipped Separately for
Field Installation

9. FINISH: (XX)

90 - #3 Satin Polish

* If selecting 9" Width, Height must also be 9".

** Damper is welded in sleeve.

91310

The security grille shall be a Krueger model 91310 stainless steel maximum security grille. The face of the maximum security grille shall have 5/16" diameter holes on 7/16" staggered centers with 46% free area and be 10 gage. The sleeve shall be 10 gage and stitch welded to the face of the maximum security grille and along the entire length of the sleeve. Construction shall be 100% 304 stainless steel.

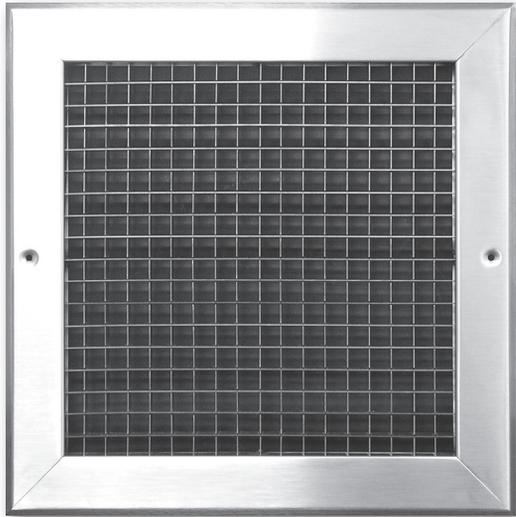
Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive.

9EGC5 | Egg-crate Grille

STAINLESS STEEL GRILLES & DIFFUSERS



9EGC5

Introduction: 9EGC5

The 9EGC5 egg-crate grille features a 1/2" x 1/2" x 1/2" stainless steel core with 1-3/8" flange. This allows large amounts of air to be returned through the grille while minimizing the pressure drop and sound. Surface mount and lay-in T-bar configurations are available.

MODEL

9EGC5 - 1/2"x1/2"x1/2" Stainless Steel Cube Core Return Grille with 1 3/8" Flange

FEATURES

- 304 Stainless steel construction (316 optional).
- 1/2" x 1/2" x 1/2" core.
- Countersunk screw holes.

ACCESSORIES

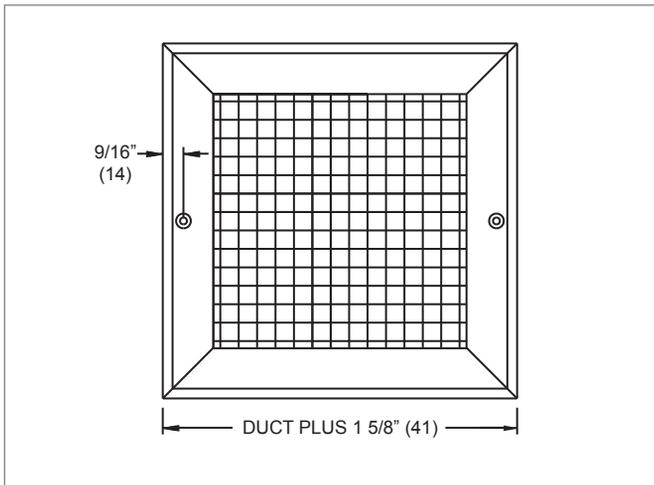
- Stainless steel OBD welded to unit, adjustable from face of grille (model 9OBD).
- Plaster frame (model 98PF).
- Square to round adapter (9SRA).

FINISH

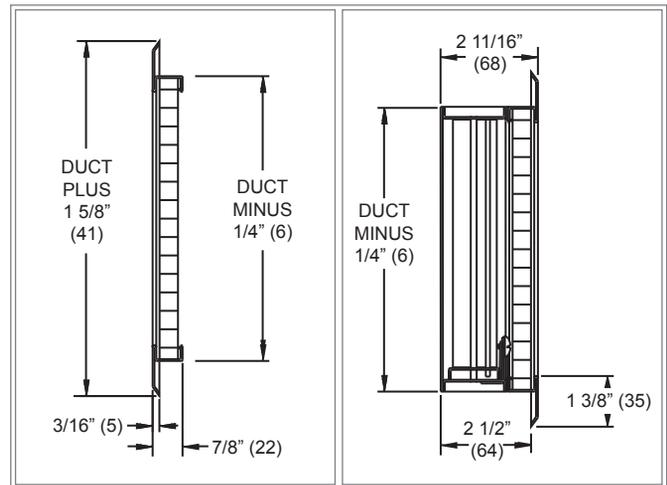
- Standard finish is #3 Satin Polish or #44 British White.

9EGC5 Dimensional Information

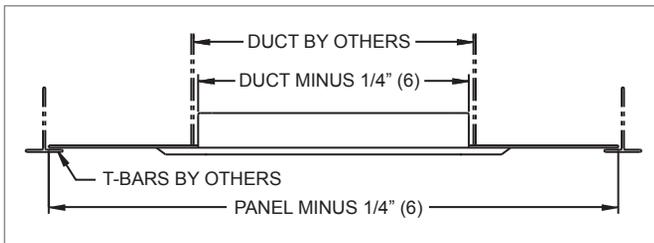
9EGC5, FACE VIEW



9EGC5, SIDE VIEW: FRAME 22 SURFACE MOUNT



9EGC5, SIDE VIEW: FRAME 23 LAY-IN T-BAR



NOTE: Dimensions in parentheses are mm.

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9EGC5 Suggested Specification & Configuration

- 1. SERIES: (XXXXX)**
 9EGC5 - Egg-crate Exhaust Grille
 1/2" x 1/2" x 1/2" Core
- 2. WIDTH: (XX)**
 4" - 48" in 1" Increments
- 3. HEIGHT: (XX)**
 4" - 48" in 1" Increments
- 4. MATERIAL: (XXX)**
 304 - Stainless Steel Grade 304
 316 - Stainless Steel Grade 316
- 5. FRAME STYLE: (XXX)**
 F22 - Surface Mount
 F23 - Lay-in T-Bar
- 6. PANEL: (XX)x(XX)**
 None
 24"x24" *
 24"x48" *
- 7. FASTENING METHOD: (XX)**
 00 - No Screw Holes
 01 - Countersunk Screw Holes **
- 8. DAMPER: (XX)**
 00 - No Damper
 01 - Stainless Steel OBD †
- 9. ACCESSORIES: (XX) (XX)**
 00 - No Accessories
 01 - Plaster Frame
 02 - Square to Round Adapter ‡
- 10. FINISH: (XX)**
 90 - #3 Satin Polish
 44 - British White

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

9EGC5

The return grille shall be a Krueger model 9EGC5. This grille must have at least 90% free area for core style 1/2" x 1/2" x 1/2" core. The frame of the grille must be constructed of 20 gage stainless steel with counter sunk screw holes (#6 x 1 1/4" stainless sheet metal screws provided by manufacturer). This frame must also produce a border of 1 3/8" around all sides of the grille with mitered corners. Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the return grille and operable from the face.

Optional 316 stainless steel construction available.

FINISH

The finish shall be #3 Satin Polish, obtained by finishing with a 100-grit abrasive, or #44 British White.

98PF | Plaster Frame

STAINLESS STEEL GRILLES & DIFFUSERS



98PF

Introduction: 98PF

The 98PF stainless steel plaster frame is available for Krueger's stainless steel series grilles and registers. Standard construction is 304 stainless steel with 316 stainless steel construction as an additional option.

MODEL

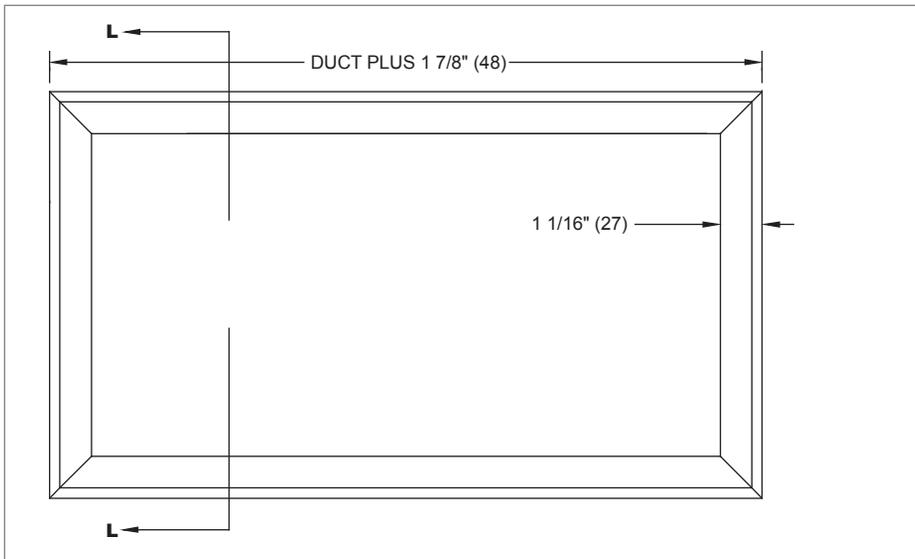
98PF - Plaster Frame

FINISH

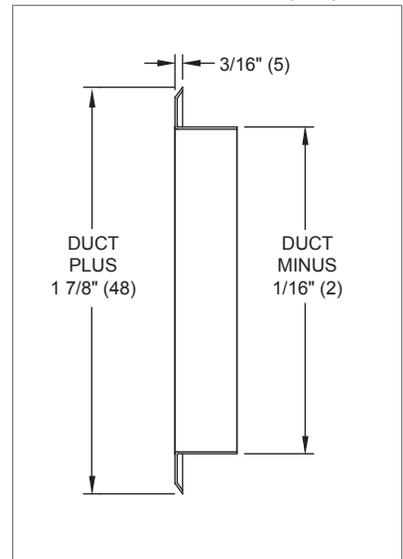
- Standard finish is #3 Satin Polish or #44 British White.

98PF Dimensional Information

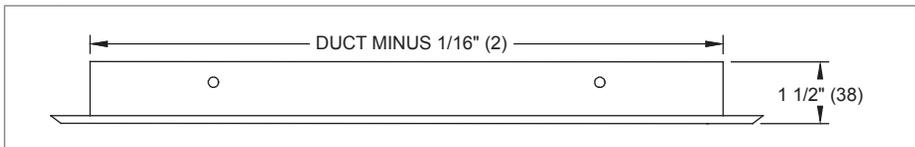
98PF, FACE VIEW



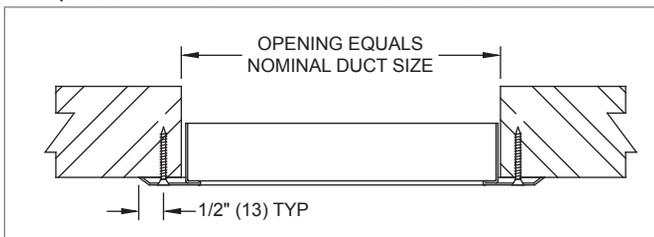
98PF, CROSS SECTION (L-L)



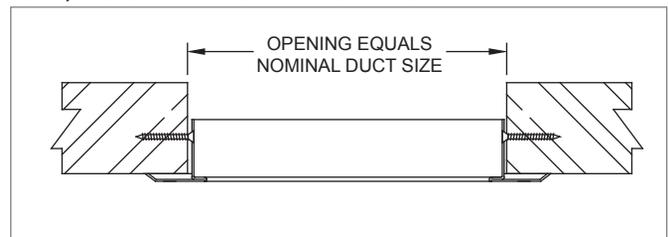
98PF, SIDE VIEW



98PF, COUNTERSUNK SCREW HOLE MOUNTING



98PF, NO SCREW HOLE MOUNTING



NOTE: Dimensions in parentheses are mm.

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Introduction: 9OBD

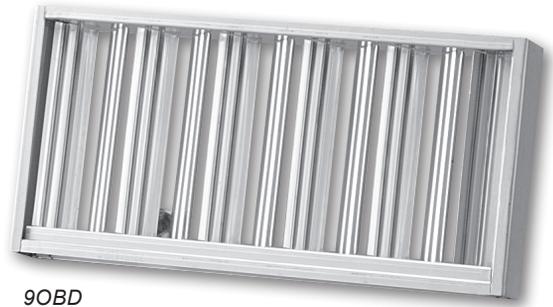
The 9OBD stainless steel OBD is available for Krueger's stainless steel series grilles. Standard construction is 304 stainless steel, but 316 stainless steel construction is available. The 9OBD should be ordered with the grille since the damper needs to be welded to the grille.

MODEL

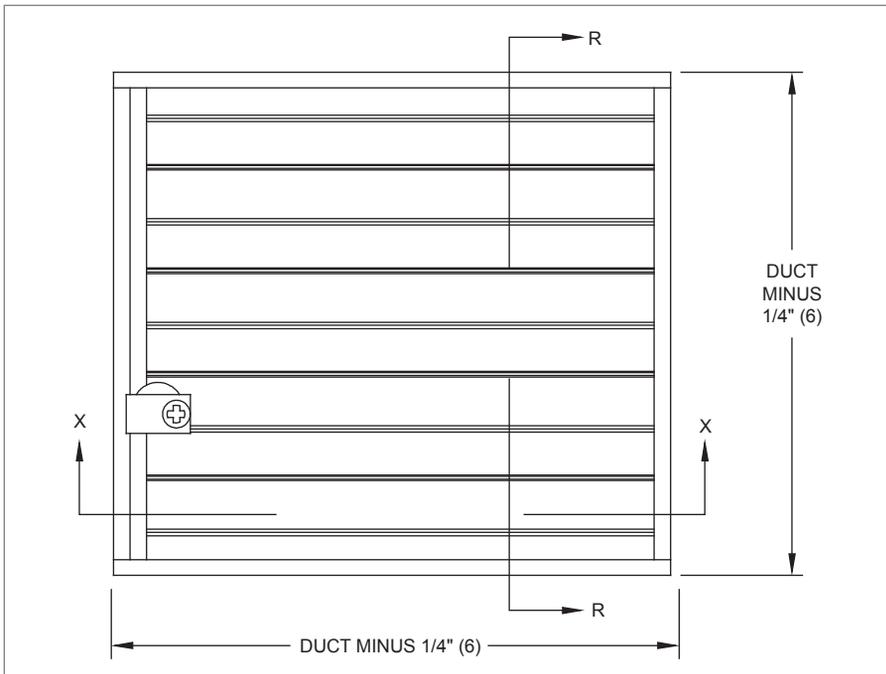
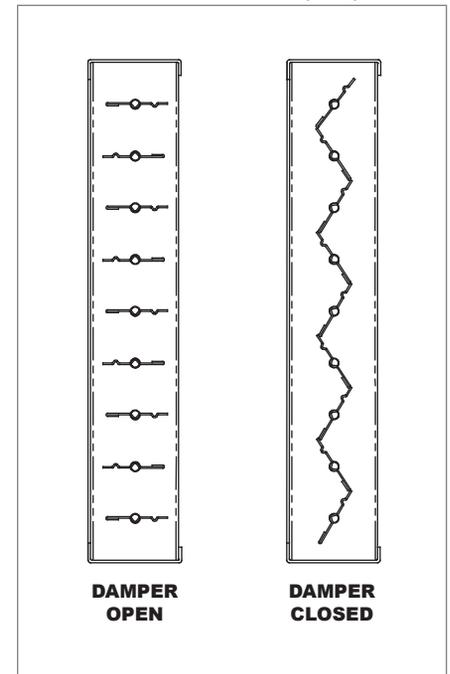
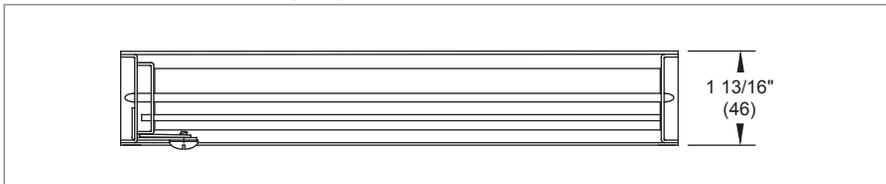
9OBD - Opposed Blade Damper

FINISH

- Standard finish is #3 Satin Polish.



9OBD

9OBD Dimensional Information
9OBD, FACE VIEW

9OBD, CROSS SECTION (R-R)

9OBD, CROSS SECTION (X-X)


NOTE: Dimensions in parentheses are mm.



9SRA

Introduction: 9SRA

The 9SRA stainless steel square to round adapter is available for Krueger's stainless steel series grilles and diffusers. Standard construction is 304 stainless steel with 316 stainless steel construction as an additional option.

MODEL

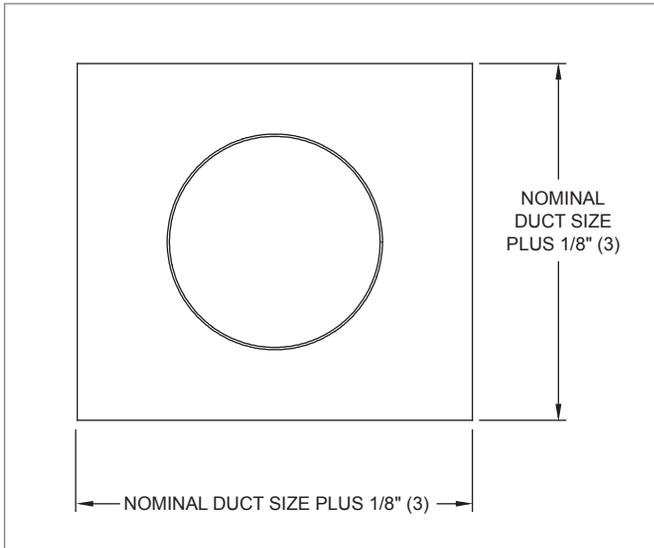
9SRA - Square to Round Adapter

FINISH

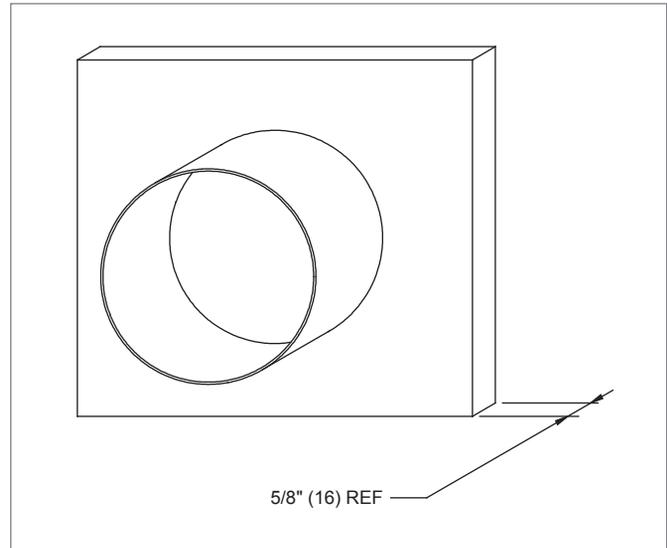
- Standard finish is #3 Satin Polish.

9SRA Dimensional Information

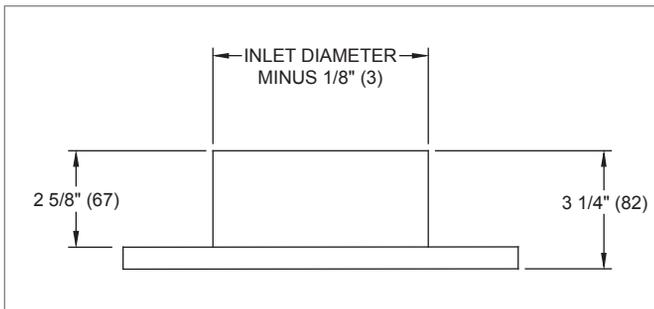
9SRA, FACE VIEW



9SRA, ISOMETRIC VIEW



9SRA, SIDE VIEW



NOTE: Dimensions in parentheses are mm.