

SPECulations™

A Periodic Newsletter for Design Professionals
About Innovative Products and Ideas Worthy of Specification Consideration

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(E1)



This
Issue



A Surprise Source For Stainless Steel Air

Overview

When circumstances call for stainless steel grilles, registers or diffusers (GRD's), what manufacturer comes to mind? If you're drawing a blank, don't feel bad – stainless steel air outlets are not easy to find. Most major manufacturers resist making them (see column on page 2). So keep this issue handy because you're about to learn of a very unique source – a manufacturer who actually likes to make stainless steel GRD's. In fact, they like making them so much, it's all they do!



Since 1924, **A-J Manufacturing** has been specializing in standard and made-to-order stainless steel air outlets for industrial, commercial and institutional buildings. Not confining themselves to bar grilles or perf screens, **A-J** offers a complete line of stainless steel air distribution products; from continuous linear, to security grilles, to modular diffusers. And their line continues to expand – the latest addition being stainless steel drum louvers.

A-J's stainless steel diffusers and grilles are made to withstand the elements encountered in placements of extreme heat or cold, as well as in damp or corrosive environments. They also meet the demanding requirements of durability, low maintenance and dependable performance necessary for hospitals, labs, wash down areas, salt or chlorine air environments, food processing plants and wastewater treatment facilities.

304 or 316 Stainless: **A-J's** complete line of stainless steel products are offered in either Type 304 or Type 316 stainless with a standard #3 satin polish finish. This sleek streamlined appearance will satisfy the most demanding architectural requirements. And, unlike other manufacturers, **A-J's** adjustable blade grilles utilize specially formulated nylon grommets to secure their blades. This insures a snug, rattle-free quiet grille. **A-J** also utilizes airfoil shaped blades and 3/4" spacing. This combination allows the grilles to maintain a very high free area, which further minimizes outlet velocity, pressure drop and noise.

Dampers: When you put a stainless steel diffuser in a caustic or damp environment, you probably need stainless steel dampers too. Only **A-J** offers 100% stainless steel dampers to ensure they don't dissolve away while the stainless diffuser shines on. These opposed blade dampers can also be permanently joined to the grille to assure the unit maintains a rigid package for easy on-site installation.

Fast Delivery: Often, time is of the essence. If you get caught in a time crunch, it's good to know **A-J** offers the industry's shortest lead times. If you need it now, **A-J** can provide rush programs for those occasions when waiting is not an option. Quality and dependability is your assurance **A-J** is your best choice in stainless steel!

100% Stainless Production

Featuring state of the art machinery, A-J's manufacturing facility produces the highest quality stainless steel grilles, registers, diffusers and accessories available today!



Another perSPECtive...



By Dave McIntyre

The truth is, very few Air Distribution manufacturers make stainless steel versions of their steel and aluminum products.

The reason is simple. Stainless steel is hard. And it's hard on machinery. The presses, roll formers and CNC machines that make conventional grilles and diffusers tolerate stainless about as well as your stomach handles nails. Also, the market for stainless is comparatively small and sporadic, making cost effective production a difficult proposition.

For these reasons, most of the major Air Distribution companies outsource what few products they do offer in stainless steel to specialty shops and producers. More often than not, that producer is A-J Manufacturing of Kansas City, Missouri.

A-J's ONLY business is making stainless steel Air Distribution products. Standard or special – they don't care, as long as it's stainless. This makes them a truly unique enterprise and a valuable resource for our industry. (See facing page for a sampling of their many stainless products.)

So don't settle for less. With A-J, when you'd really rather have stainless – you can!

Where To Use Stainless Steel GRD's

Stainless steel is the number one preferred material for those applications where corrosion is a problem or frequent cleaning a necessity. However, that's just where its uses begin. When a high-tech effect is desired in a restaurant, hotel or corporate lobby; nothing beats the clean lines and aesthetic beauty of stainless steel. There are literally hundreds of applications - here's just a few:

- | | |
|----------------------------------|-----------------------------------|
| Pharmaceutical plants | Clean rooms |
| Food processing plants | Laboratories |
| Showers and locker rooms | Hospitals |
| Commercial kitchens | Dairy facilities |
| Wastewater plants | Beverage plants |
| Bio-medical manufacturing | Prisons |
| Coastal area facilities | Chemical plants |
| Industrial applications | Schools & institutions |

... or, simply for **Dramatic Effect!**

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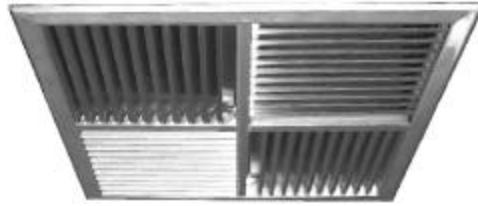
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A-J Stainless Steel GRD's for any application!



Model SS-LCD
Louvered Ceiling Diffuser
(Spec #1)



Model SS-MLCD
Modular Ceiling Diffuser
(Spec #2)



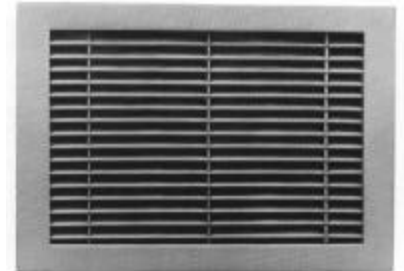
Model SS-DRL
Drum Louver
(Spec #3)



Model SS-150
Single Deflection Grille
(Spec #4)



Model SS-250
Double Deflection Grille
(Spec #5)



Model SS-SEC-3
Security Bar Grille
(Spec #6)



Model SS-550
Return Grille
(Spec #7)



Model SS-HFG 550
Hinged Filter Grille
(Spec #8)



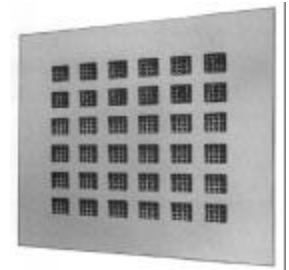
Model SS-DG
Door Grille
(Spec #9)



Model SS-LBG
Bar Grille
(Spec #10)



Model SS-PERF
Perforated Return Grille
(Spec #11)



Model SS-SEC-6
Security Return and Supply
(Spec #12)



Model SS-BG
Linear Bar Grille
(Spec #13)



Model SS-S-44
Opposed Blade Damper
(Spec #14)