

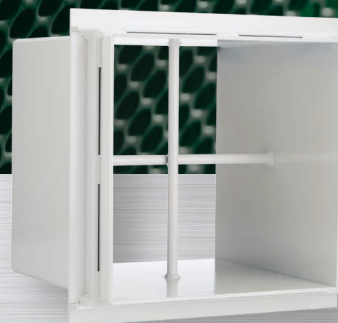


SECURITY GRILLES, DIFFUSERS & GRATES

GUARD WHAT MATTERS MOST
WITH DURABLE, PROTECTIVE SOLUTIONS.



SECURITY GRILLES
& DIFFUSERS



SECURITY
GRATES

COUNTLESS DESIGN AND MATERIAL OPTIONS FOR THE STRENGTH AND SECURITY YOU NEED.

KEES manufactures a comprehensive line of security grilles, diffusers and grates, tailored to your environment to ensure complete protection. Our grilles and diffusers provide air distribution for minimum-, medium- or maximum-security applications, including risk resistant/anti-ligature solutions. And if you need a barrier to restrict the passage of everything but air, we provide a wide range of security grates. Whether for use in a correctional facility, warehouse or laboratory, they can be installed in every opening through a secure wall, ceiling or roof. Whatever the requirement, KEES protects.

SECURITY GRILLES & DIFFUSERS

All security grilles and diffusers are available in various gauges of steel, stainless steel and aluminum. Finishes include painted (standard and custom colors) and satin polish (stainless steel and aluminum).

FACE CONFIGURATIONS



SECURITY GRILLES

FACE CONFIGURATIONS

- Passageway (V, Z or W)
- Perforated
- Lattice
- Bar-Style

SIZE

- Single piece up to 48" x 48"
- Combine multiple sections for unlimited sizing

MOUNTING OPTIONS

- Angle frame—fully welded and sent loose for field install
- Tamper-resistant security screws through faceplate
- Masonry anchors or studs for cast-in-place concrete

ADDITIONAL OPTIONS

- Volume dampers
- Screens (woven mesh, bird and insect)
- Integrated security grate in sleeve
- Square to round transitions
- Hinged or removable faces
- Filter frames

SECURITY DIFFUSERS

FACE CONFIGURATIONS

- Passageway (V, Z or W)
- Perforated
- Lattice

DIFFUSER STYLE

- Modular
- Louvered
- Curved blade

SIZE

- Single pieces up to 24" x 24"
- Custom sizes available upon request

THROW PATTERNS

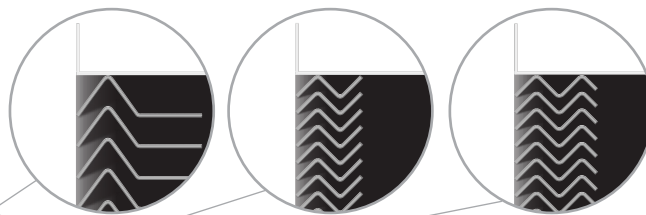
- 1-, 2-, 3-, or 4-way

MOUNTING OPTIONS

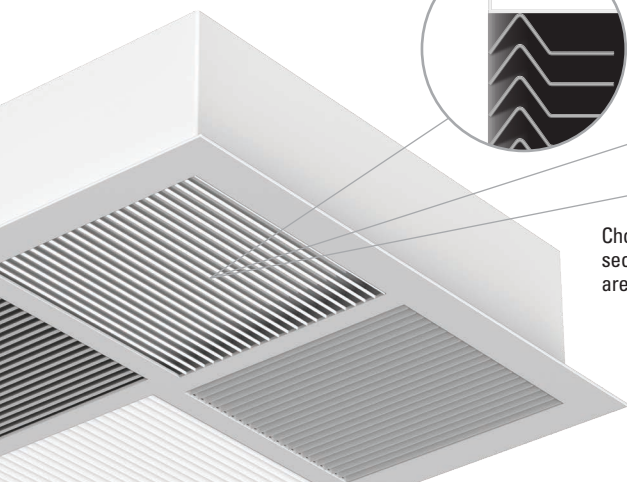
- Tamper-resistant security screws through faceplate
- Rear mounting angles
- Lay-in (drop-in or lock down)

ADDITIONAL OPTIONS

- Volume dampers
- Screens (woven mesh, bird and insect)
- Integrated security grate in sleeve
- Square to round transitions
- Plenums
- Hinged or removable faces
- Filter frames



Choose from V, Z or W passageway security diffusers. Multiple throw patterns are also available, including 4-way.



STANDARD AND CUSTOM SOLUTIONS TO SECURE ANY ENVIRONMENT.

- Choose from the most comprehensive line of security grilles, diffusers and grates. Available in the widest range of mounting options, styles and materials—including stainless steel.
- Flexible manufacturing enables customization to meet diverse requirements.
- Reduce installation time and cost with the industry's largest single-piece solutions.
- American-made craftsmanship by AWS certified welders.
- Hardened and tool-resistant bar options meet ASTM A-627 standards.
- KEES experts provide responsive technical assistance for your unique application.



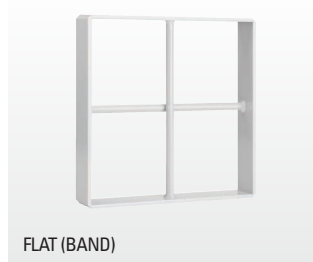
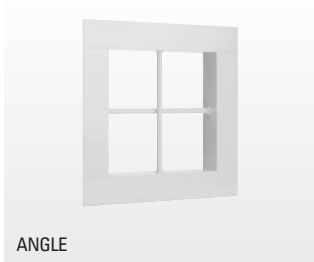
Myriad of Shape Options

Rectangular, round or custom shapes for security grates can be made in any size.

SECURITY GRATES

All security grates are available in various gauges of steel, steel alloys, galvanized steel and stainless steel. Finishes include painted (standard and custom colors) and hot-dip galvanized.

FRAME OPTIONS



BAR PROFILE

- Round
- Flat
- Ribbed

BAR CONSTRUCTION

- A-36 structural steel (round or flat)
- Case hardened (round)
- Tool resisting (flat or ribbed)
- Spacing per your requirements

SIZE

- Single piece up to 72" x 48"
- Combine multiple sections for unlimited sizing

SHAPES

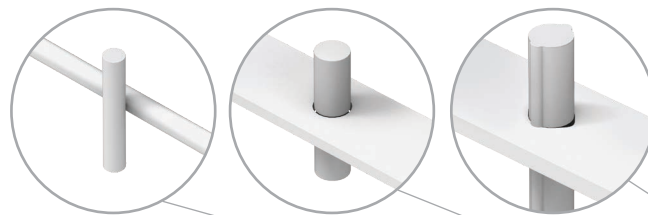
- Square/rectangular
- Round/oval
- Custom, including triangular

MOUNTING OPTIONS

- Angle frames—fully welded, one welded to sleeve and one sent loose for field install
- Bolt holes through the frame for duct or surface mounting
- Fabricated channel sleeve for cast-in-place concrete
- Masonry anchors or studs for cast-in-place concrete

ADDITIONAL OPTIONS

- Screens (woven mesh, bird and insect)
- Multiple duct connections on a single sleeve
- Fire dampers
- Integrated access door



Specify round, flat or ribbed bar profiles for any security grate.





THE NEW YORK OFFICE OF MENTAL HEALTH

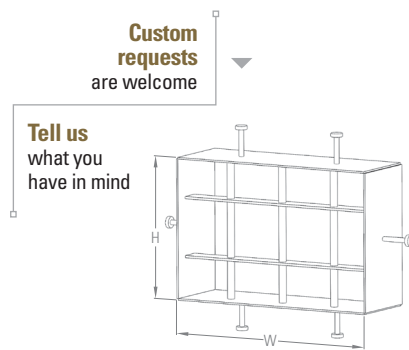
entrusted KEES to manufacture 900 security linear diffusers to upgrade their psychiatric facilities. KEES modified a standard product design to fit their unique requirements and met exacting standards for maximum security and risk/ligature resistance.



THE NATIONAL CYBERSECURITY CENTER in Colorado needed enormous, custom-sized circular security grates that would allow air to pass freely while stopping everything else. While product specifications prevented other manufacturers from helping, KEES had the expertise and flexibility to meet exact project needs—84.50" round security grates. Talk about huge peace of mind.

OTHER SATISFIED CUSTOMERS

- | | |
|------------------------------------|--|
| Oceans Behavioral Health Hospital | Cape Canaveral Launch Support Facility |
| Parkview Medical Center | FBI Office |
| Rikers Island Jail | World Bank Group |
| Ogle County Detention Center | Lockheed Martin Corporation |
| Ohio Air National Guard | Hard Rock Casino |
| Virginia Department of Corrections | Philadelphia Youth Detention Center |
| Zurich Insurance Group | Iowa State Prison |
| Port Orange Police Evidence Room | Knolls Atomic Power Laboratory |
| IKEA Store | |



Since 1974, KEES has pushed the boundaries of ventilation design. From highly engineered air handlers, diffusers and exhaust hoods, to mixers, louvers and beautiful grilles, our expertise spans numerous product lines and countless custom solutions. Today, KEES collaborates with engineers, architects and designers from all over to build solutions that ensure optimal indoor air quality and efficiency—all with a sense of style. By carefully examining customer needs and keeping an eye on every detail, we artfully marry form with function to bring the impossible to life. Our founder said it best, "If you can draw it, we can build it." We prove him right every day.



BENDING METAL · SCULPTING AIR

RELATED SOLUTIONS | ACCESS DOORS & PANELS | HEAVY-DUTY BAR GRILLES | STAINLESS STEEL GRILLES & DIFFUSERS

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